

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113329.D
 Acq On : 27 Mar 2019 14:25
 Operator : JU/SJ
 Sample : K2102-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MS

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:43 AM

Quant Time: Mar 28 03:50:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170983	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	646670	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	310963	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	632254	20.00	ng	0.00
76) Chrysene-d12	13.84	240	392049	20.00	ng	0.00
87) Perylene-d12	15.24	264	411176	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	852266	81.50	ng	0.00
7) Phenol-d6	6.35	99	1111501	84.02	ng	0.00
23) Nitrobenzene-d5	7.26	82	669420	61.44	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	305113	79.43	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1203043	54.26	ng	0.00
79) Terphenyl-d14	12.79	244	1255545	70.59	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	125953	23.740	ng	99
3) Pyridine	3.13	79	315643	24.133	ng	94
4) n-Nitrosodimethylamine	3.04	42	147230	25.321	ng	90
6) Aniline	6.36	93	311050	19.309	ng	# 78
8) 2-Chlorophenol	6.49	128	331494	27.299	ng	95
9) Benzaldehyde	6.25	77	73413	8.270	ng	98
10) Phenol	6.36	94	413717	27.394	ng	89
11) bis(2-Chloroethyl)ether	6.44	93	316279	27.321	ng	100
12) 1,3-Dichlorobenzene	6.65	146	345551	26.399	ng	97
13) 1,4-Dichlorobenzene	6.72	146	356278	28.190	ng	98
14) 1,2-Dichlorobenzene	6.87	146	329314	26.486	ng	97
15) Benzyl Alcohol	6.85	79	258943	29.671	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	487984	28.060	ng	96
17) 2-Methylphenol	6.97	107	274650	28.861	ng	97
18) Hexachloroethane	7.22	117	123567	27.221	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	216957	26.110	ng	97
20) 3+4-Methylphenols	7.12	107	341478	28.494	ng	94
22) Acetophenone	7.11	105	446292	30.262	ng	# 97
24) Nitrobenzene	7.28	77	339703	29.879	ng	96
25) Isophorone	7.53	82	611871	28.979	ng	99
26) 2-Nitrophenol	7.60	139	173521	28.874	ng	91
27) 2,4-Dimethylphenol	7.65	122	299732	34.673	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	395276	29.728	ng	99
29) 2,4-Dichlorophenol	7.85	162	283053	30.215	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	295194	29.207	ng	98
31) Naphthalene	8.00	128	941410	29.790	ng	99
32) Benzoic acid	7.79	122	17868	2.568	ng	# 86
33) 4-Chloroaniline	8.06	127	280564	22.768	ng	97
34) Hexachlorobutadiene	8.13	225	168565	28.061	ng	100
35) Caprolactam	8.42	113	84023	27.946	ng	97
36) 4-Chloro-3-methylphenol	8.55	107	288309	30.598	ng	99
37) 2-Methylnaphthalene	8.70	142	629819	31.941	ng	98
38) 1-Methylnaphthalene	8.80	142	596014	31.425	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	289738	29.027	ng	99

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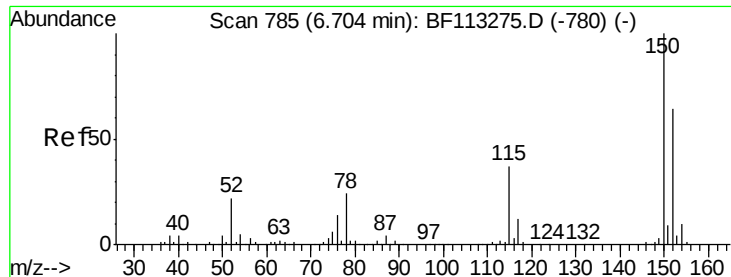
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	198236	46.919	nq	100
43) 2,4,6-Trichlorophenol	8.98	196	187672	28.872	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	202264	28.117	nq	97
46) 1,1'-Biphenyl	9.16	154	764020	29.418	nq	99
47) 2-Chloronaphthalene	9.19	162	582859	29.148	nq	98
48) 2-Nitroaniline	9.28	65	188152	29.983	nq	99
49) Acenaphthylene	9.60	152	958529	29.646	nq	99
50) Dimethylphthalate	9.46	163	769153	33.376	nq	100
51) 2,6-Dinitrotoluene	9.52	165	154432	29.705	nq	95
52) Acenaphthene	9.77	154	537872	29.540	nq	99
53) 3-Nitroaniline	9.69	138	150330	25.641	nq	99
54) 2,4-Dinitrophenol	9.80	184	30467	11.783	nq	99
55) Dibenzofuran	9.94	168	836644	30.564	nq	99
56) 4-Nitrophenol	9.87	139	192671	46.096	nq	90
57) 2,4-Dinitrotoluene	9.93	165	202609	30.646	nq	96
58) Fluorene	10.28	166	629883	29.621	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	153001	25.151	nq	99
60) Diethylphthalate	10.16	149	661842	29.276	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	309174	29.831	nq	93
62) 4-Nitroaniline	10.30	138	177068	29.334	nq	97
63) Azobenzene	10.43	77	628988	29.557	nq	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	39374	11.384	nq	98
66) n-Nitrosodiphenylamine	10.39	169	586830	30.248	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	198203	28.762	nq	98
68) Hexachlorobenzene	10.83	284	234208	29.281	nq	99
69) Atrazine	10.92	200	181907	29.706	nq	96
70) Pentachlorophenol	11.03	266	124568	29.891	nq	99
71) Phenanthrene	11.24	178	928110	29.560	nq	99
72) Anthracene	11.29	178	977963	30.665	nq	100
73) Carbazole	11.45	167	914576	30.053	nq	99
74) Di-n-butylphthalate	11.77	149	1032803	29.266	nq	100
75) Fluoranthene	12.42	202	979974	27.609	nq	98
77) Benzidine	12.54	184	307949	20.512	nq	98
78) Pyrene	12.65	202	972387	35.792	nq	99
80) Butylbenzylphthalate	13.26	149	377225	31.506	nq	98
81) Benzo(a)anthracene	13.83	228	647295	28.844	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	202590	22.503	nq	99
83) Chrysene	13.86	228	678541	29.768	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	448004	30.523	nq	# 99
85) Di-n-octyl phthalate	14.43	149	694251	27.865	nq	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	819866	41.910	nq	98
88) Benzo(b)fluoranthene	14.84	252	647847	25.364	nq	99
89) Benzo(k)fluoranthene	14.87	252	625180m	27.872	nq	
90) Benzo(a)pyrene	15.18	252	648870	28.655	nq	99
91) Dibenzo(a,h)anthracene	16.60	278	691511	35.318	nq	100
92) Benzo(g,h,i)perylene	17.00	276	702764	35.598	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

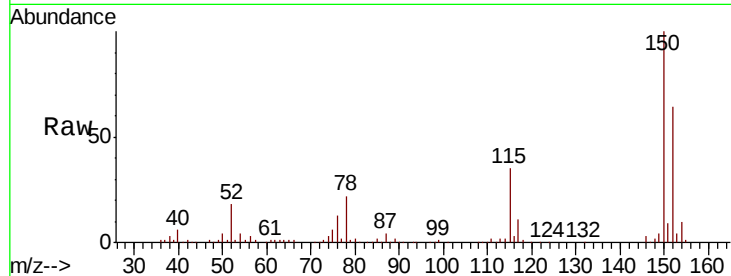
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	54.9	46.0	69.0

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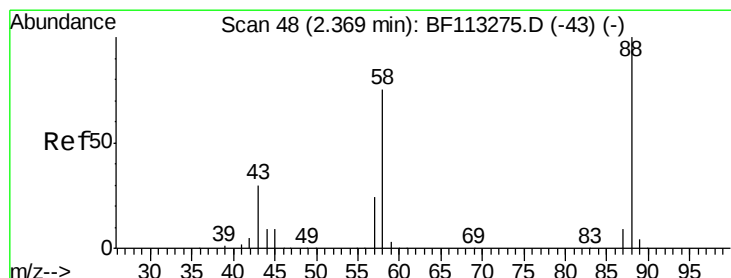
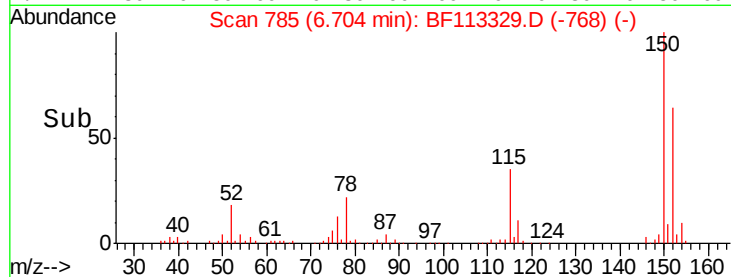
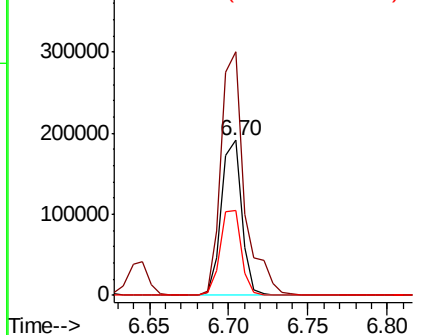


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

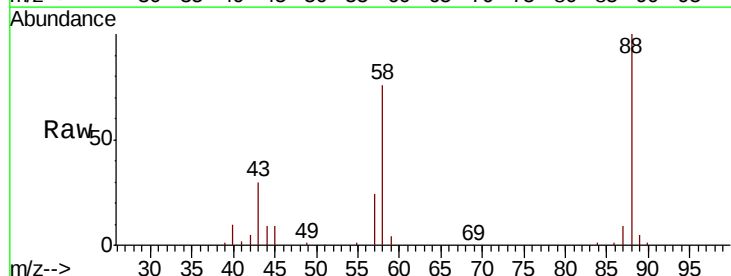
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.740 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.04 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	61.9	92.9
43	28.6	24.2	36.4

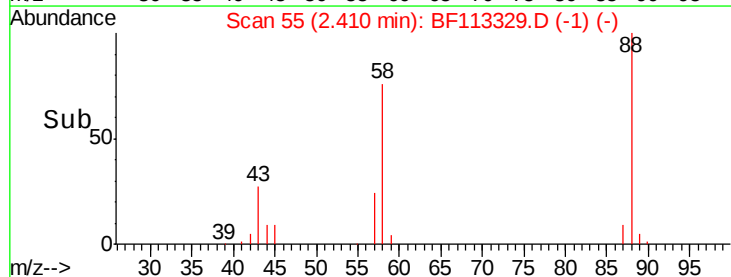
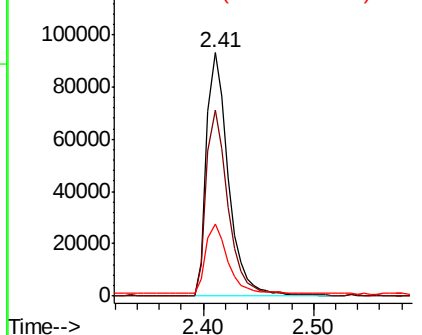


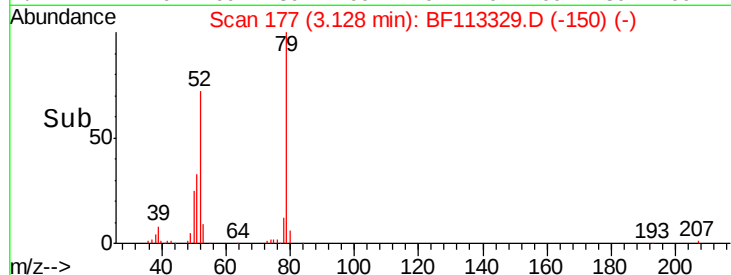
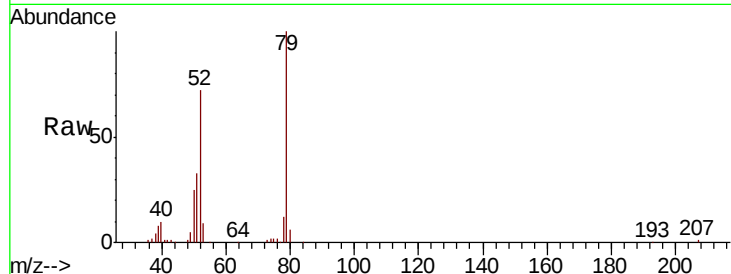
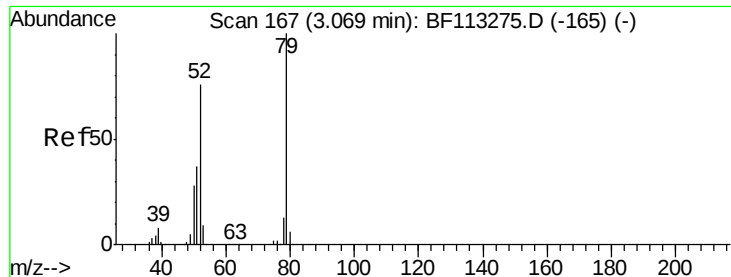
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





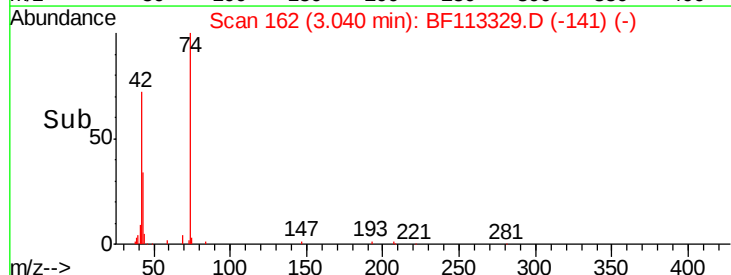
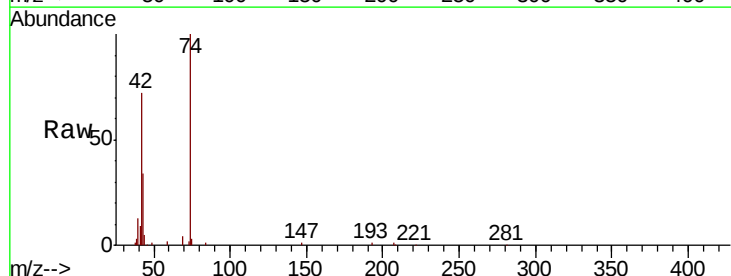
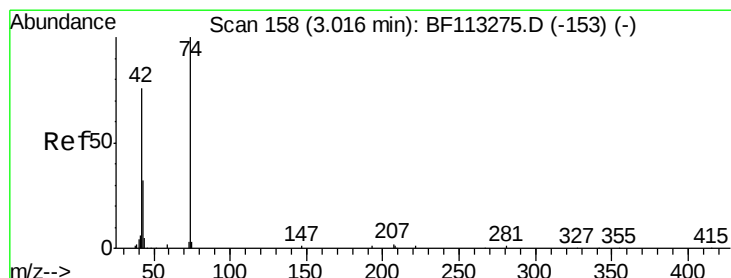
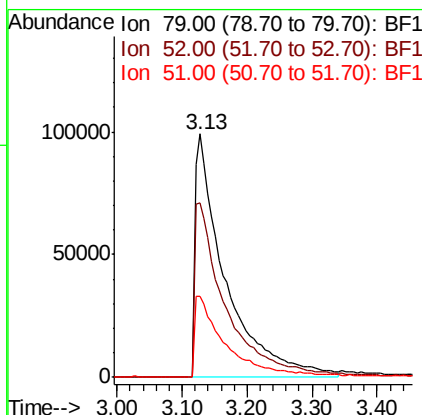
#3
 Pvridine
 Concen: 24.133 ng
 RT: 3.13 min Scan# 177
 Delta R.T. 0.06 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.8	61.0	91.4
51	33.3	30.6	45.8

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 ClientSampleId :
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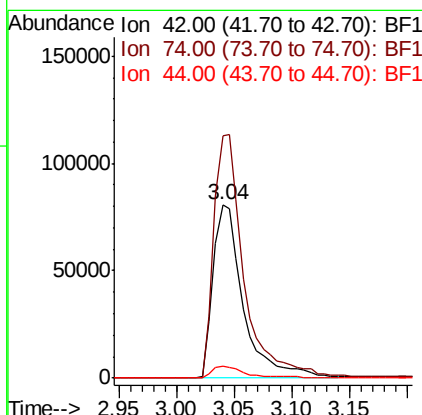
Manual Integrations
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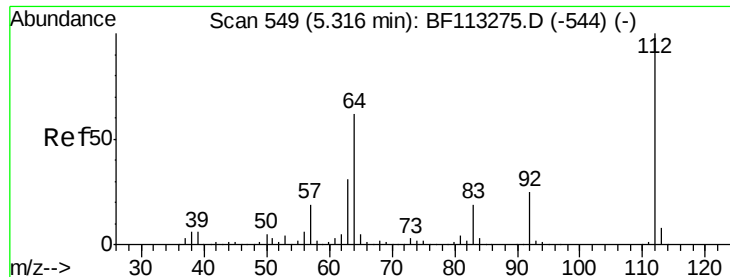
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#4
 n-Nitrosodimethylamine
 Concen: 25.321 ng
 RT: 3.04 min Scan# 162
 Delta R.T. 0.02 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.8	102.4	153.6
44	6.9	5.5	8.3





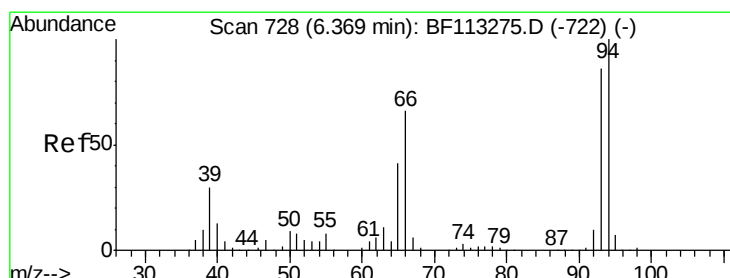
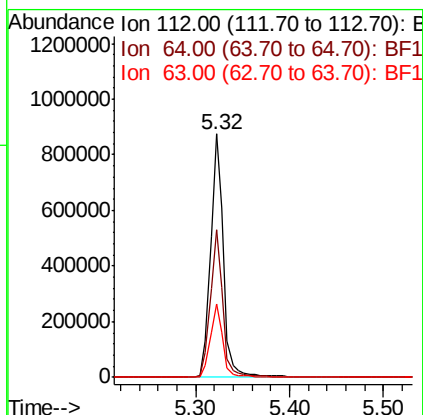
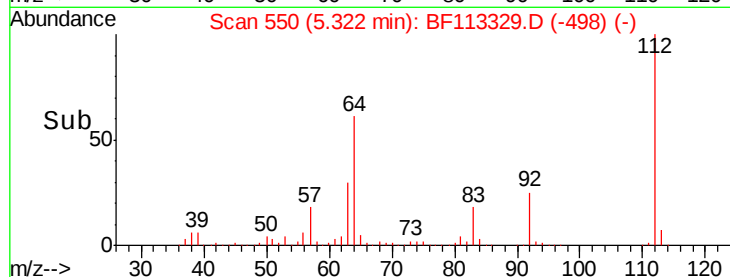
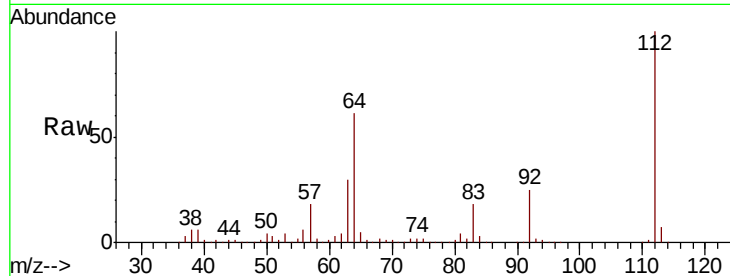
#5
2-Fluorophenol
Concen: 81.503 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	852266		
64	60.5	49.2	73.8	
63	30.2	24.9	37.3	

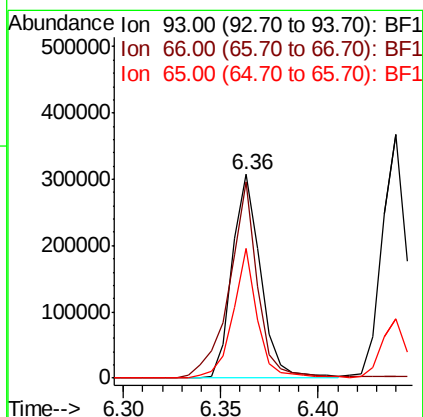
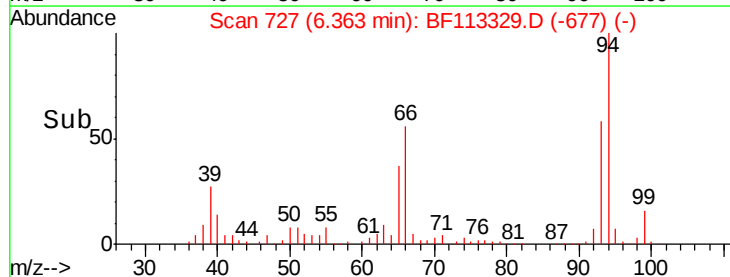
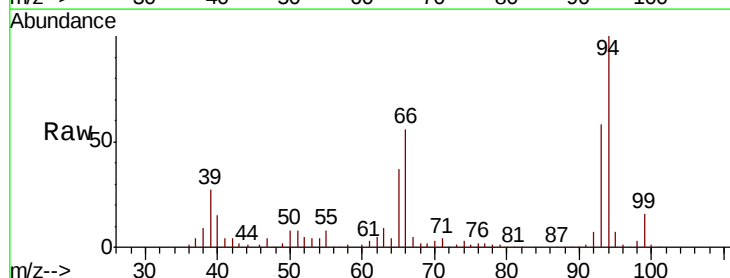
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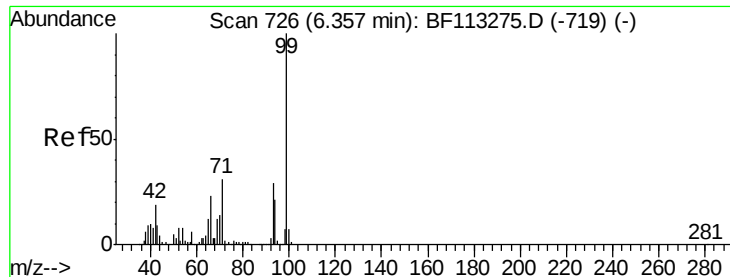
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#6
Aniline
Concen: 19.309 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	311050		
66	96.5	62.1	93.1#	
65	63.6	38.7	58.1#	





#7

Phenol-d6

Concen: 84.023 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

ClientSampleId :

TT-001-IDWSO-20190325MS

Tot Ion: 99 Resp: 1111501

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

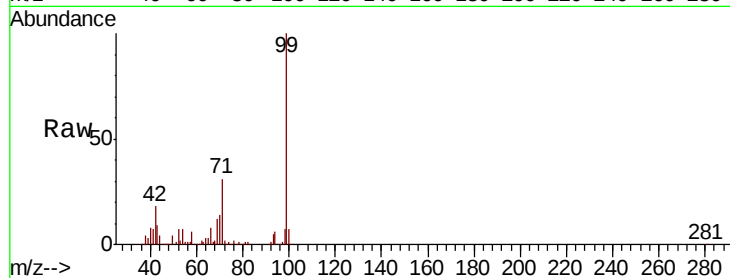
71 30.8 24.9 37.3

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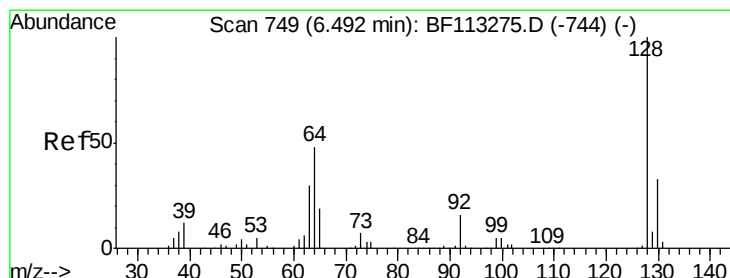
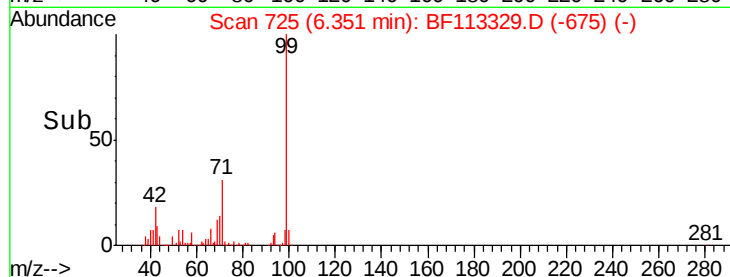
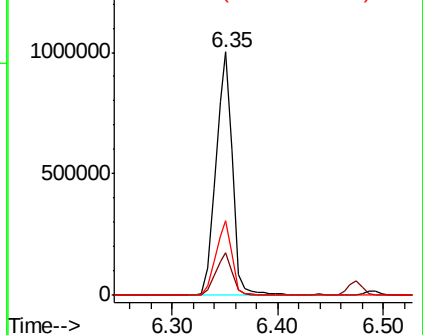
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 27.299 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

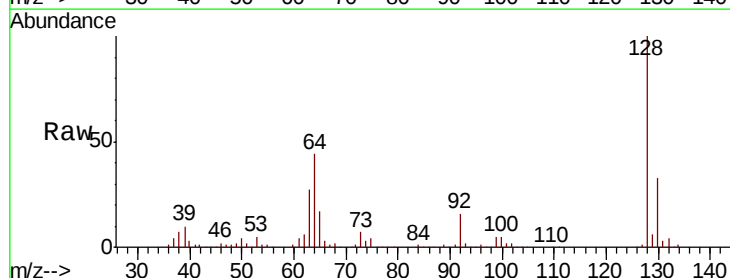
Tgt Ion: 128 Resp: 331494

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

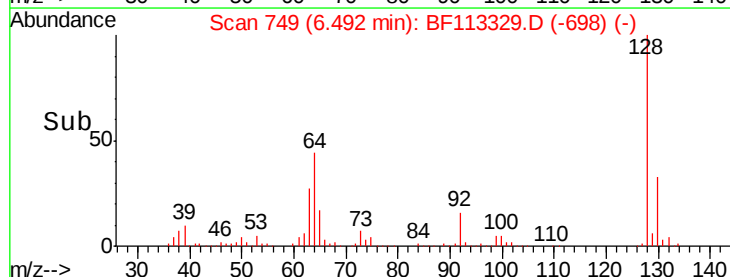
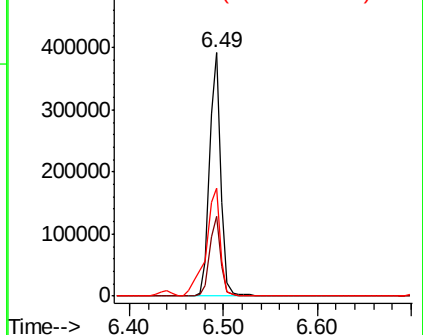
64 44.2 29.4 69.4

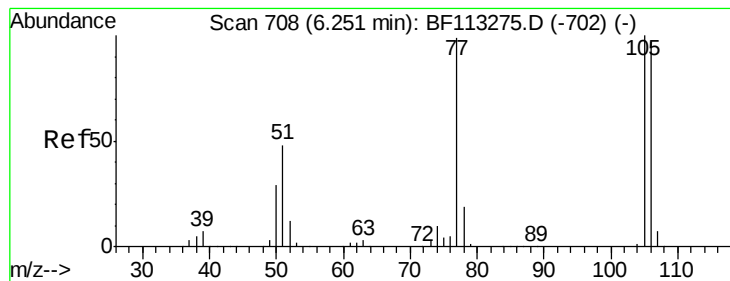


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.270 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

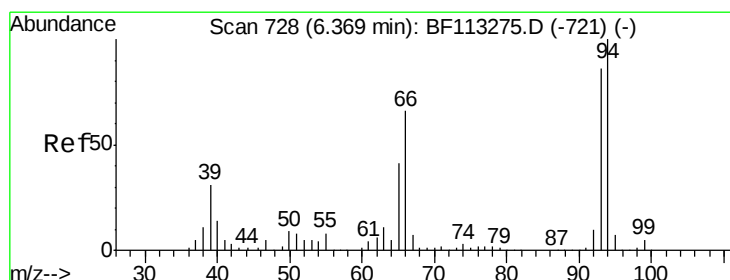
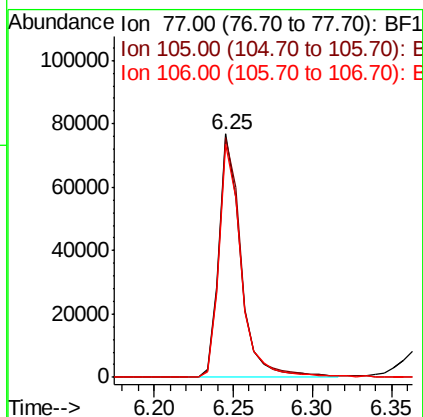
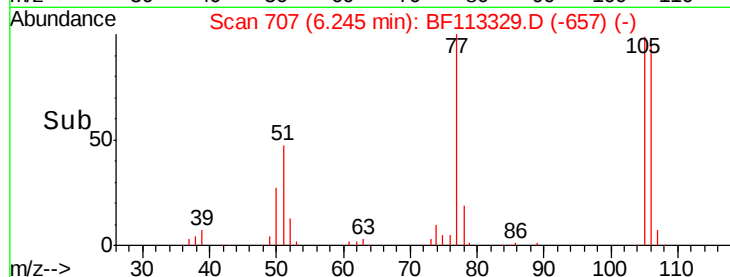
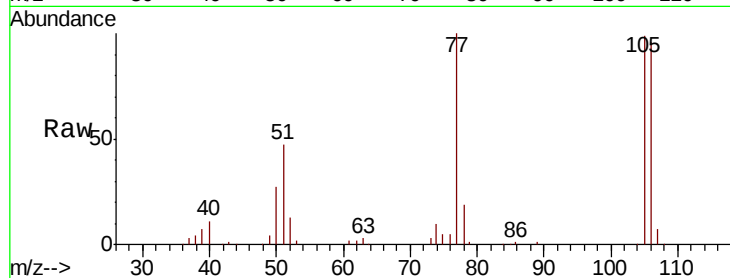
ClientSampleId :

TT-001-IDWSO-20190325MS

Tot Ion:	77	Resp:	73413
Ion	Ratio	Lower	Upper
77	100		
105	98.7	80.9	120.9
106	95.6	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 27.394 ng

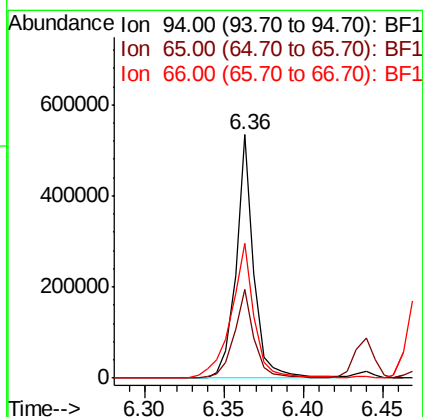
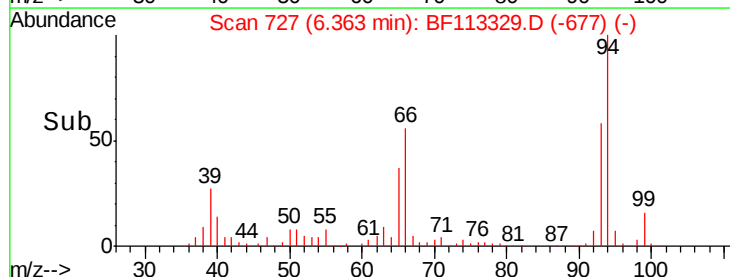
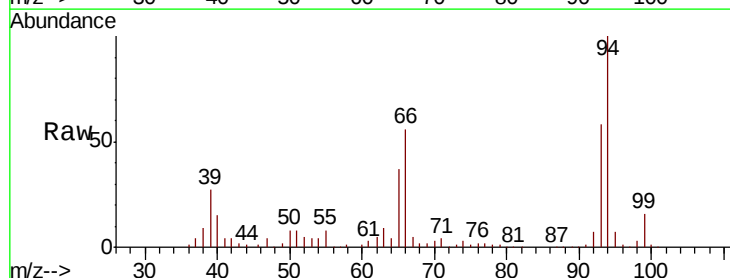
RT: 6.36 min Scan# 727

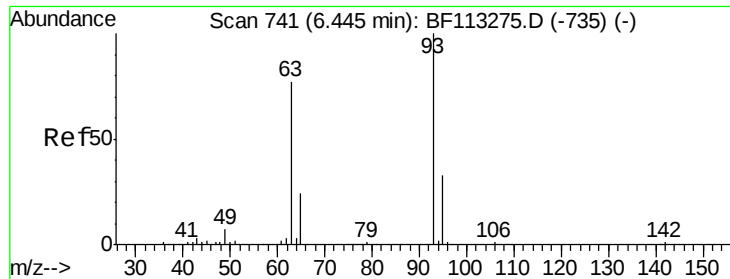
Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Tgt Ion:	94	Resp:	413717
Ion	Ratio	Lower	Upper
94	100		
65	36.6	21.4	61.4
66	55.6	46.4	86.4





#11

bis(2-Chloroethyl)ether

Concen: 27.321 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

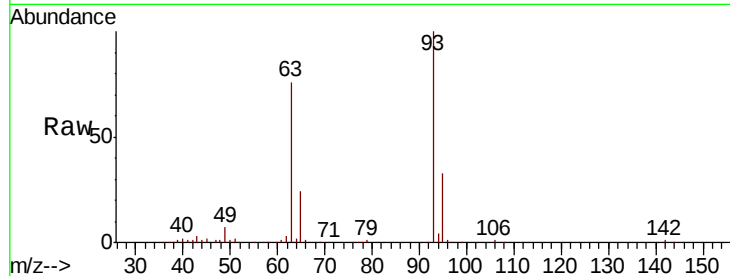
ClientSampleId :

TT-001-IDWSO-20190325MS

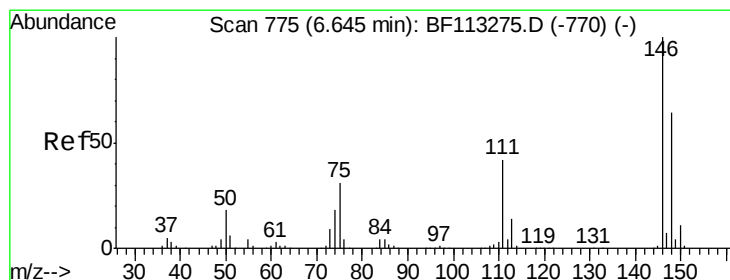
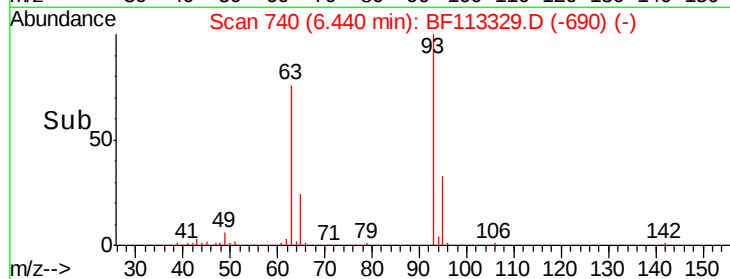
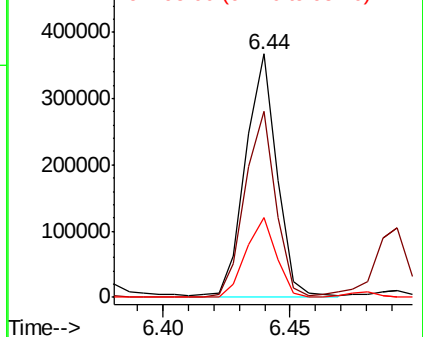
Tot Ion:	93	Resp:	316279
Ion	Ratio	Lower	Upper
93	100		
63	76.4	56.1	96.1
95	32.6	12.8	52.8

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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 26.399 ng

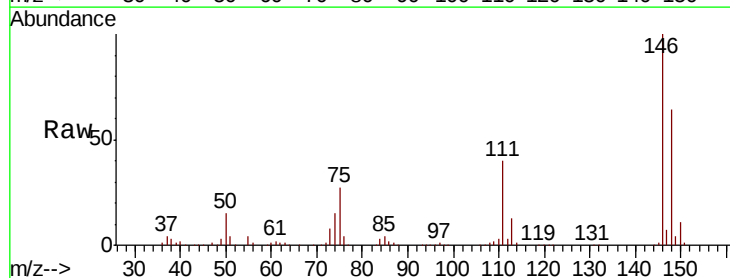
RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

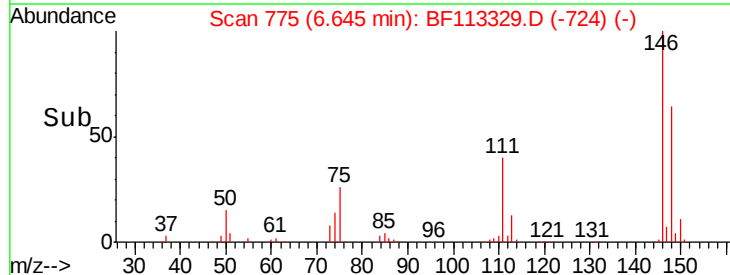
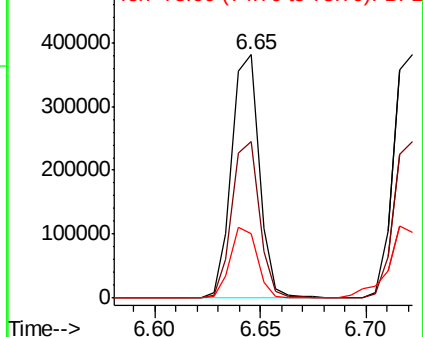
Lab File: BF113329.D

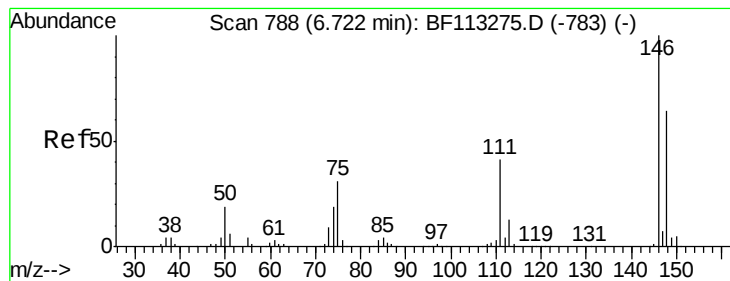
Acq: 27 Mar 2019 14:25

Tgt Ion:	146	Resp:	345551
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	26.6	24.8	37.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 28.190 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

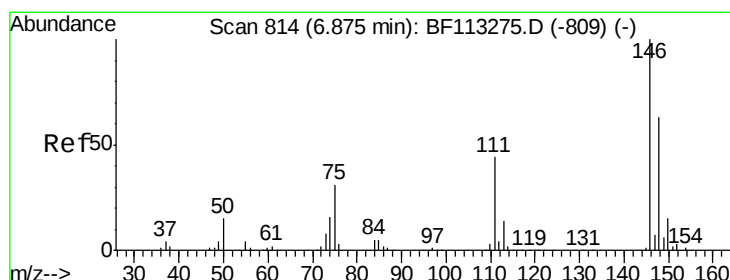
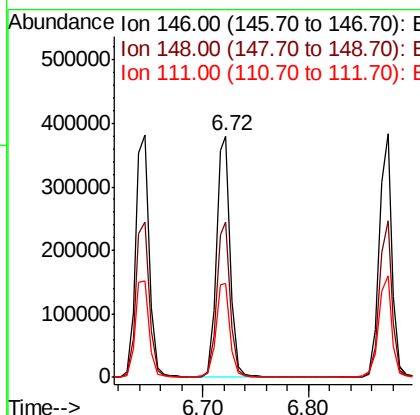
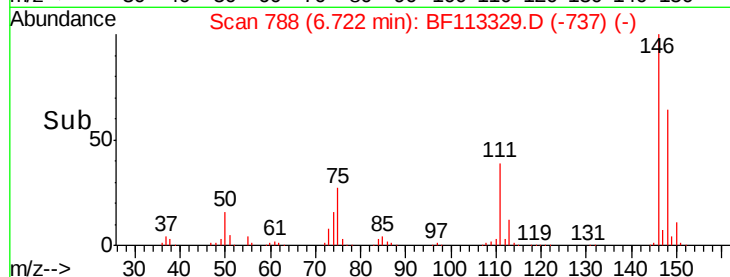
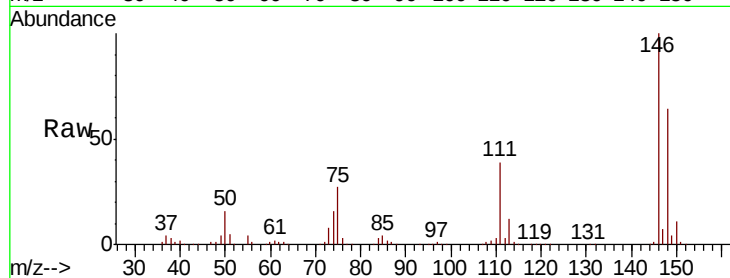
ClientSampleId :

TT-001-IDWSO-20190325MS

Tot Ion:	146	Resp:	356278
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.1	76.7
111	38.9	32.8	49.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 26.486 ng

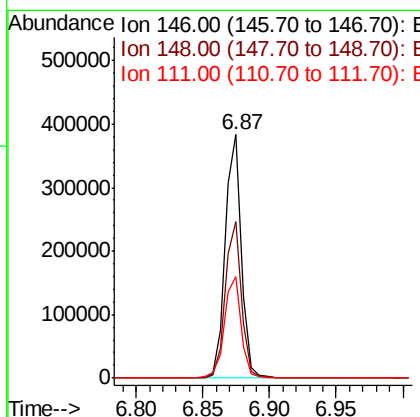
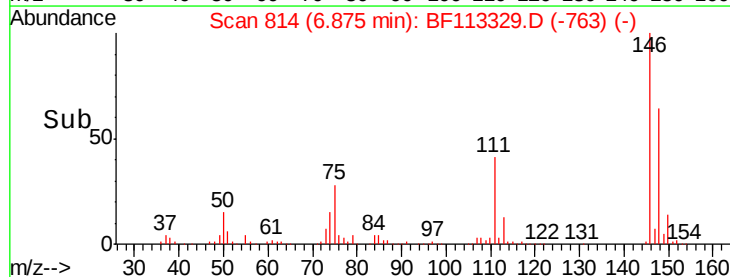
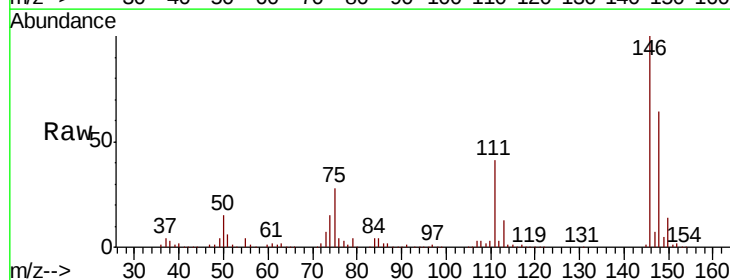
RT: 6.87 min Scan# 814

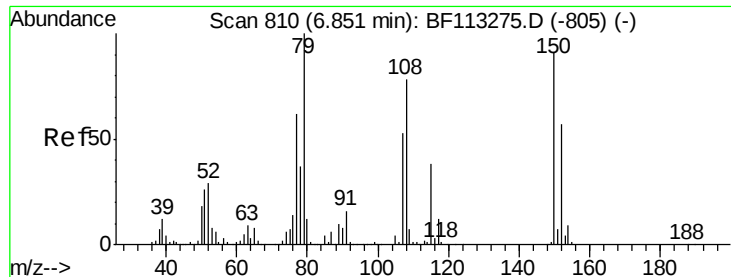
Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Tgt Ion:	146	Resp:	329314
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.2	75.4
111	41.4	35.4	53.2





#15

Benzyl Alcohol

Concen: 29.671 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

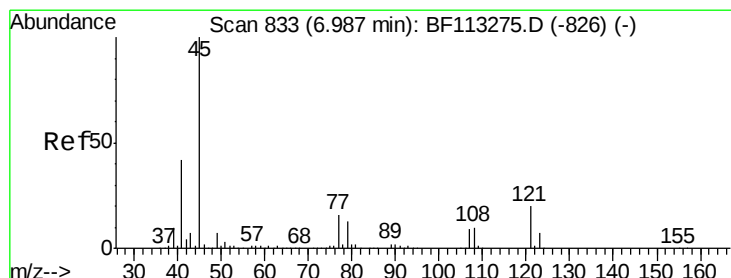
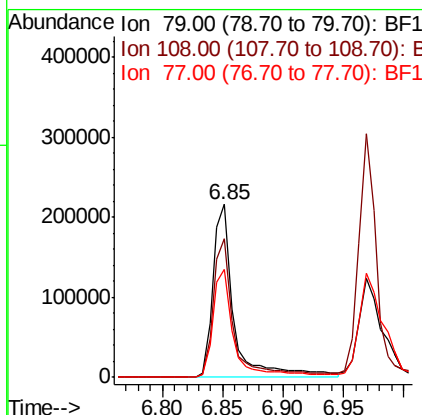
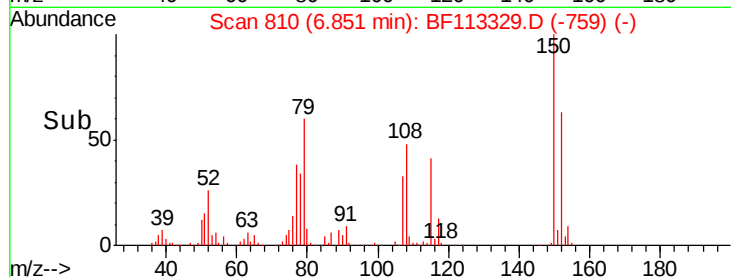
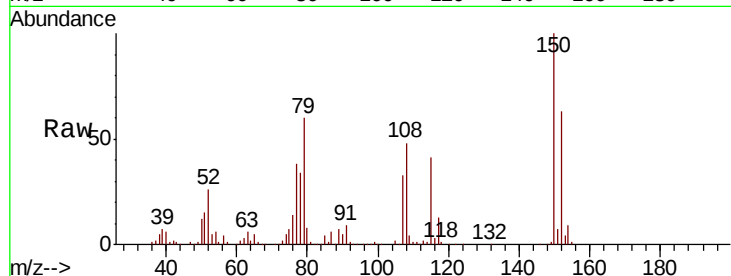
ClientSampleId :

TT-001-IDWSO-20190325MS

Tot Ion:	79	Resp:	258943
Ion Ratio	Lower	Upper	
79	100		
108	80.2	62.0	93.0
77	62.6	49.9	74.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.060 ng

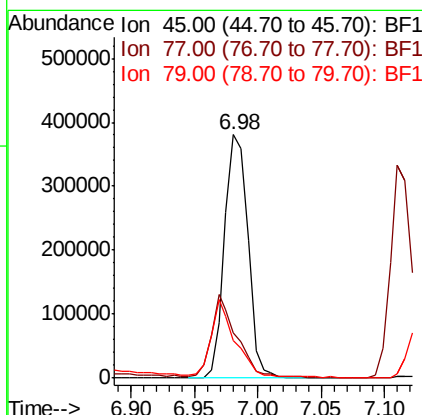
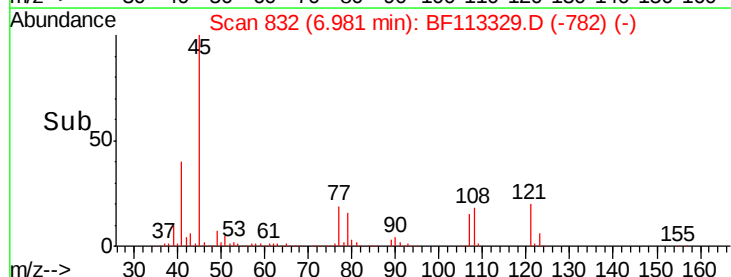
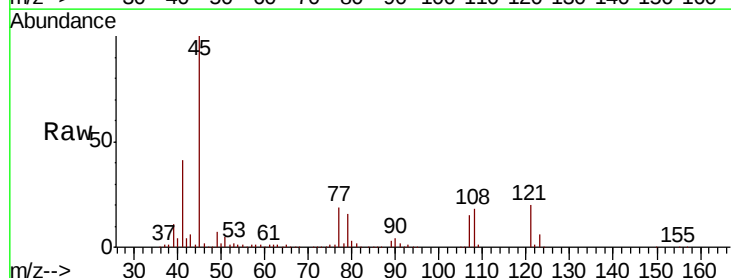
RT: 6.98 min Scan# 832

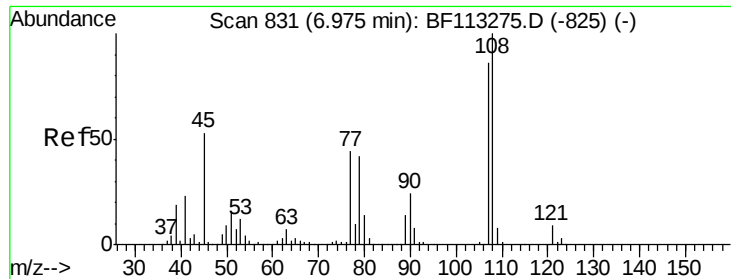
Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Tgt Ion:	45	Resp:	487984
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	36.6
79	15.7	0.0	34.0





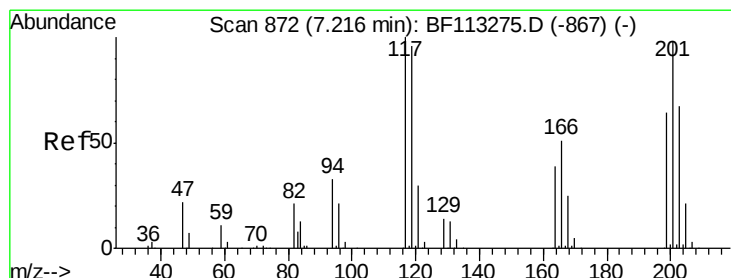
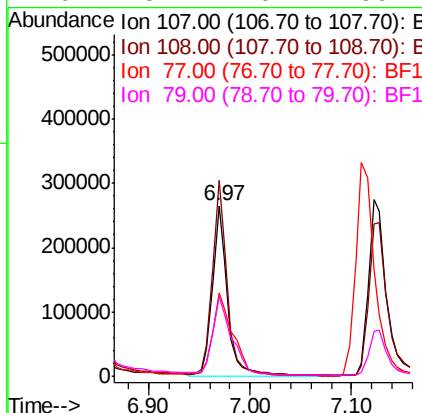
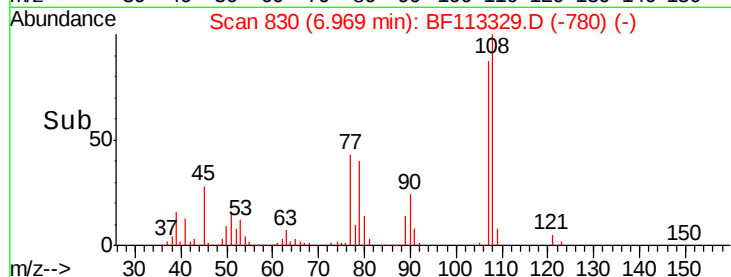
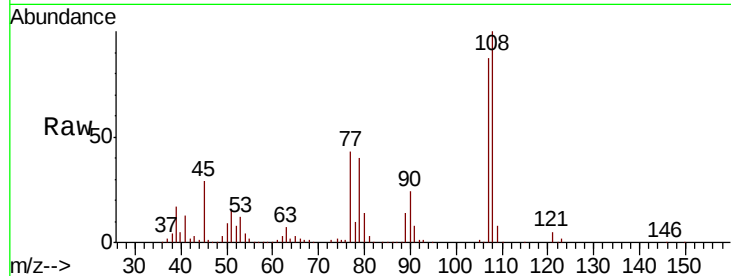
#17
2-Methylphenol
Concen: 28.861 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.4	140.0	
77	49.1	41.2	61.8	
79	46.4	40.1	60.1	

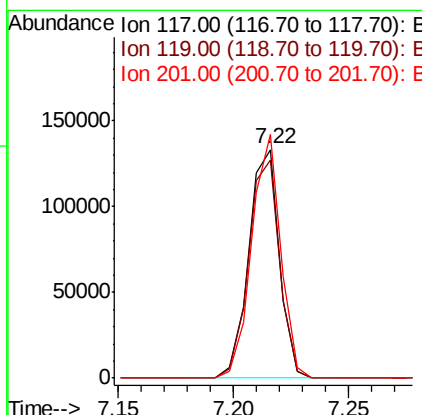
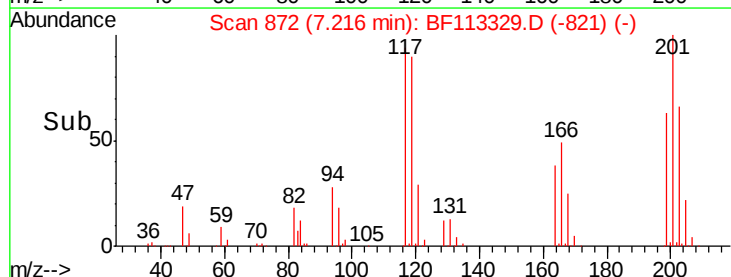
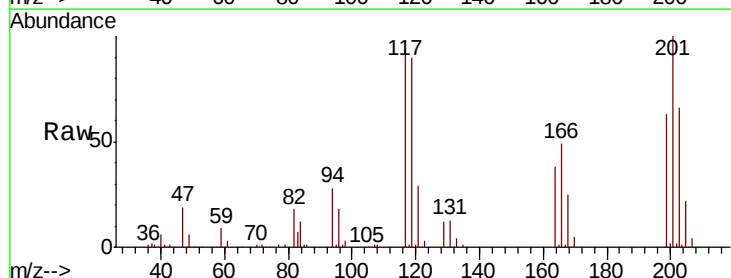
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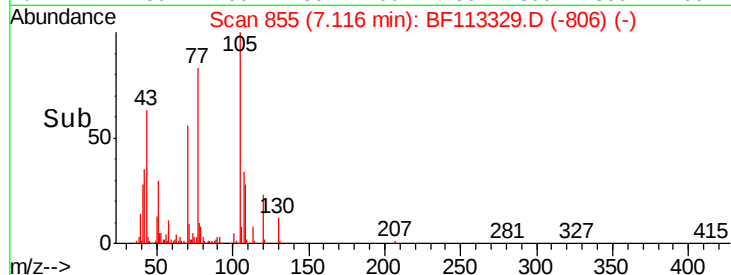
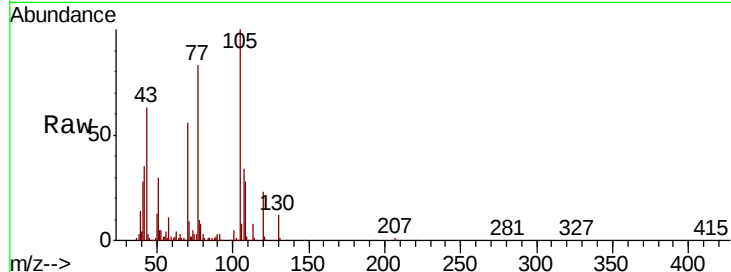
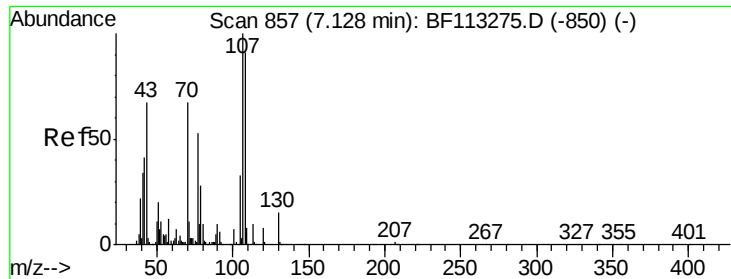
Sohil
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#18
Hexachloroethane
Concen: 27.221 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.9	115.3	
201	106.5	78.7	118.1	





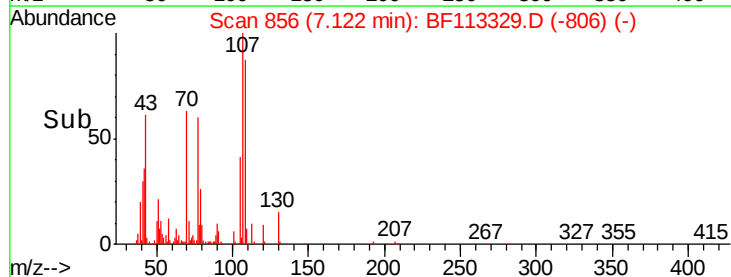
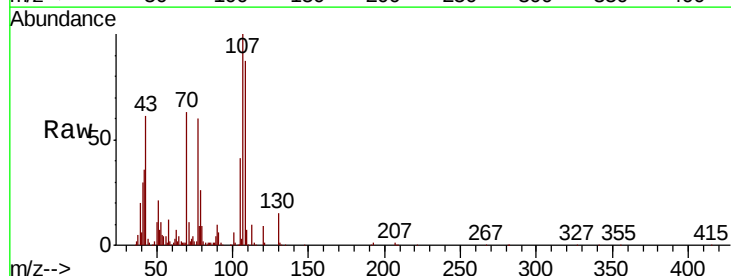
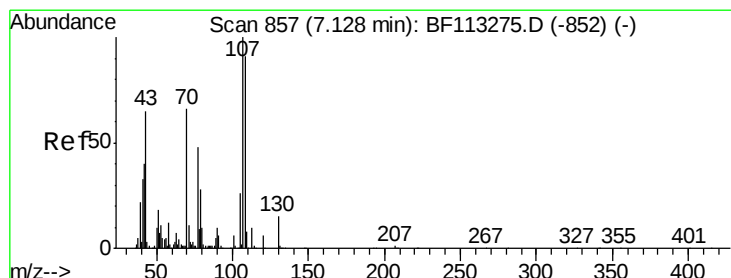
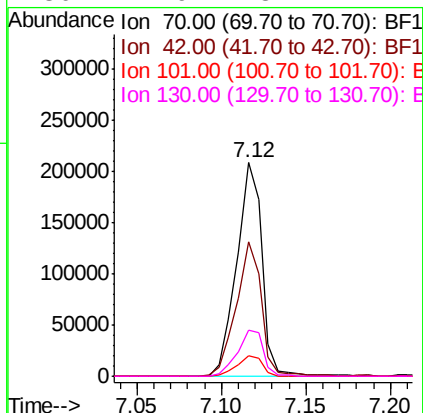
#19
n-Nitroso-di-n-propylamine
Concen: 26.110 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	63.0		48.4	72.6	
101	9.5		7.8	11.8	
130	21.9		18.2	27.4	

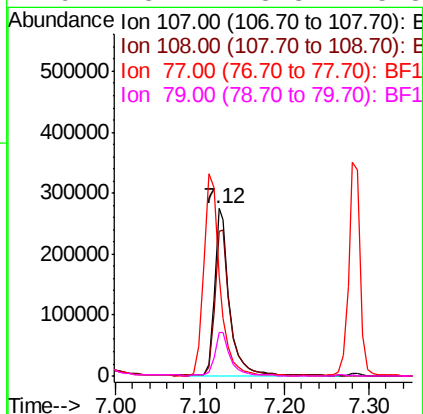
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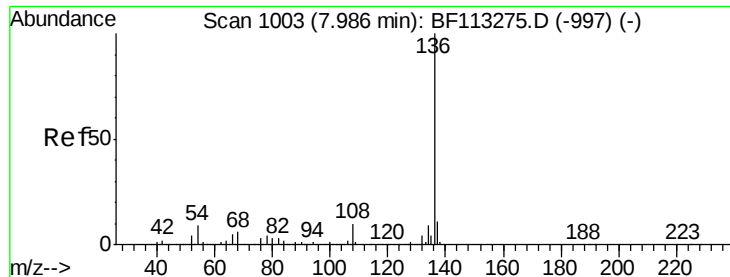
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#20
3+4-Methylphenols
Concen: 28.494 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.5		71.4	111.4	
77	59.9		33.5	73.5	
79	25.7		8.3	48.3	





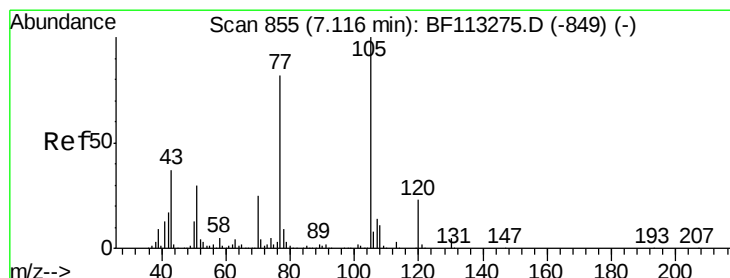
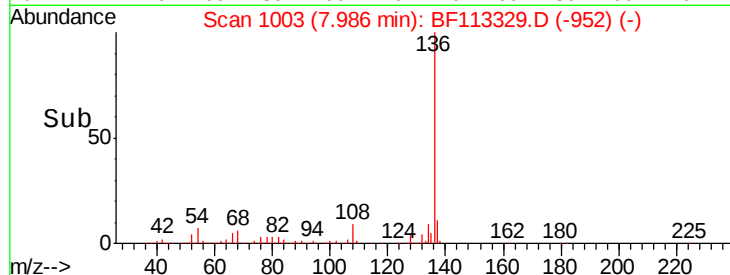
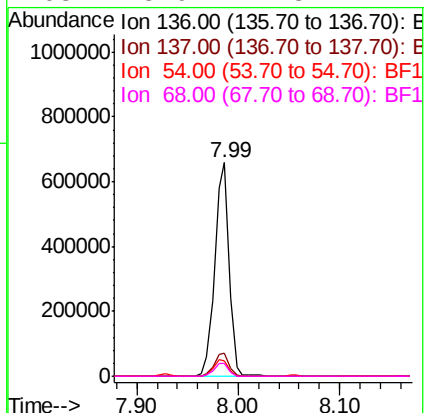
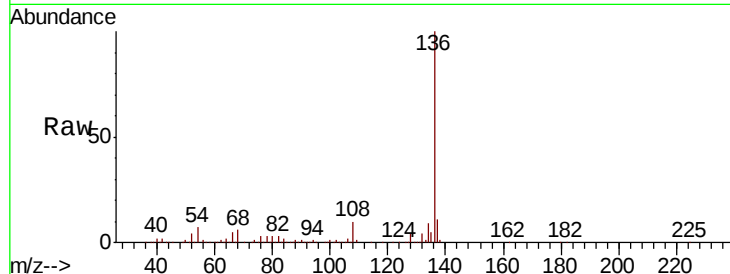
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	646670		
137	11.0	8.9	13.3	
54	7.5	7.0	10.6	
68	5.9	4.8	7.2	

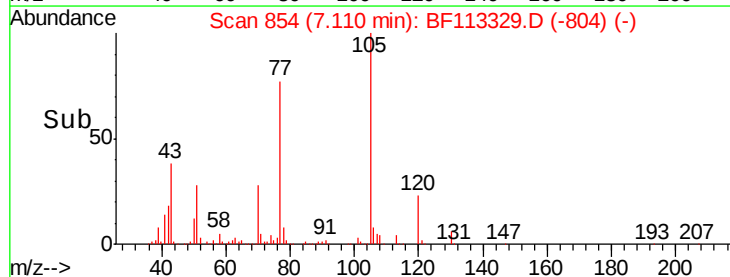
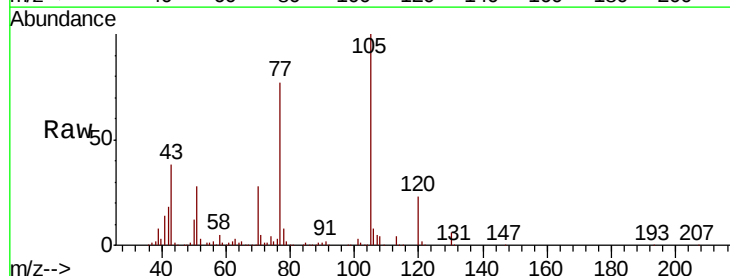
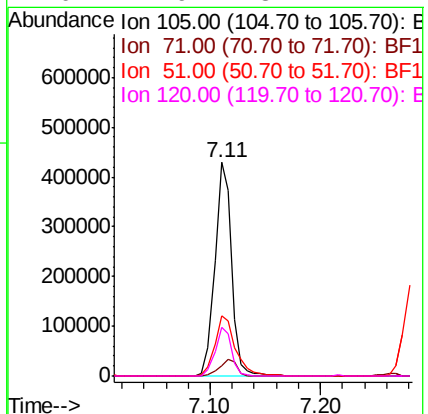
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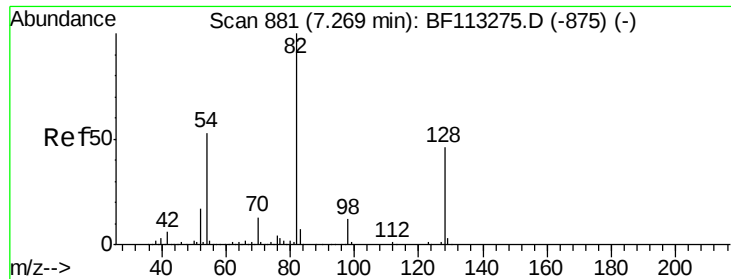
Sohil
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#22
Acetophenone
Concen: 30.262 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	446292		
71	5.1	3.3	4.9#	
51	27.9	24.2	36.2	
120	22.9	18.1	27.1	





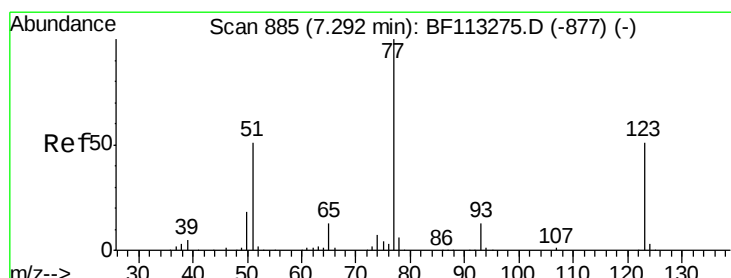
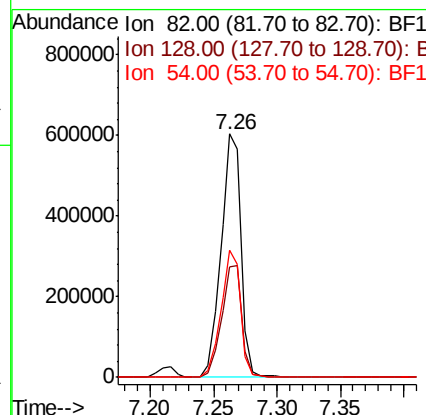
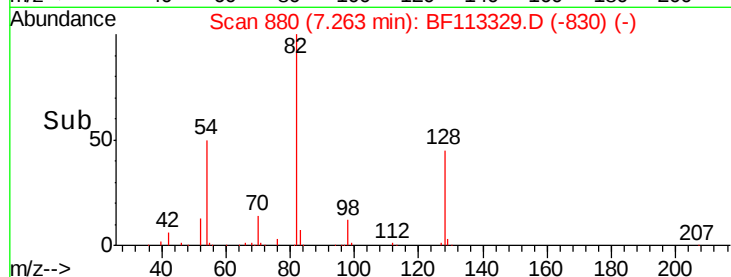
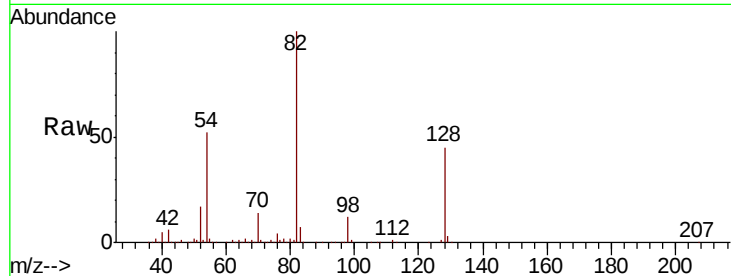
#23
 Nitrobenzene-d5
 Concen: 61.442 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	52.4	42.2	63.2

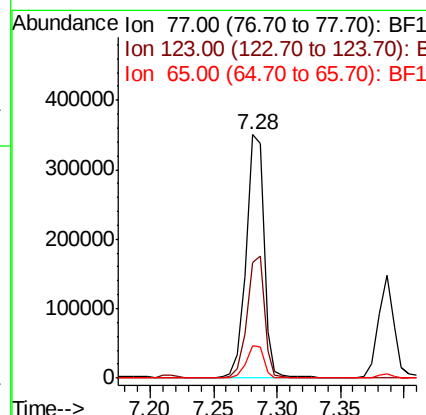
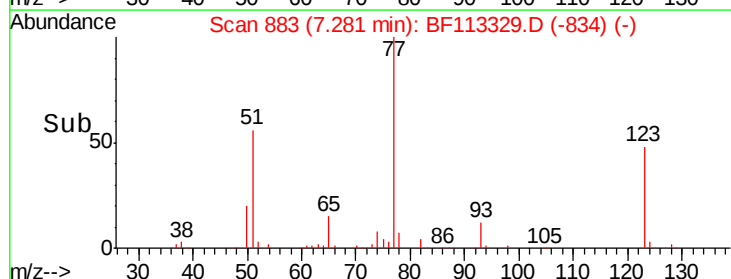
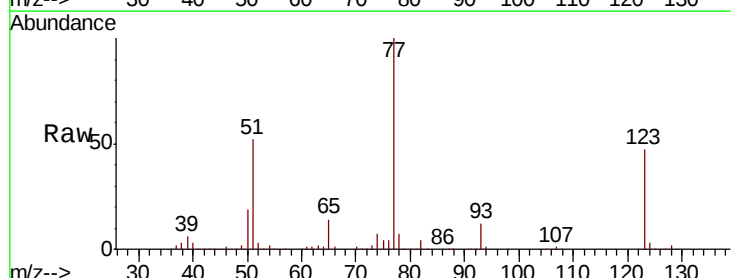
Manual Integrations
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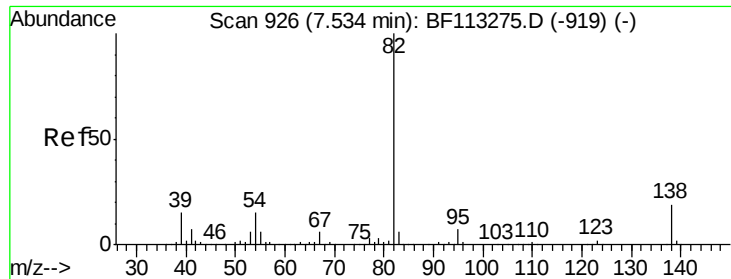
Sohil
 3/28/2019 8:41:43 AM



#24
 Nitrobenzene
 Concen: 29.879 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	40.8	61.2
65	13.5	10.6	16.0





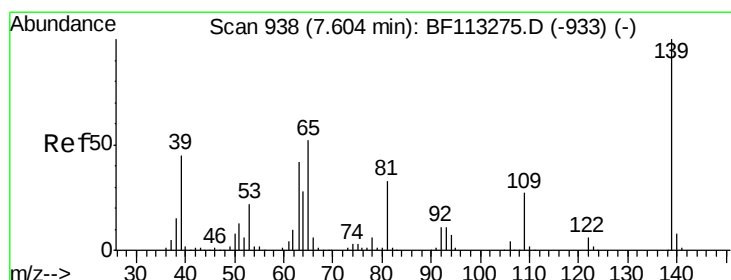
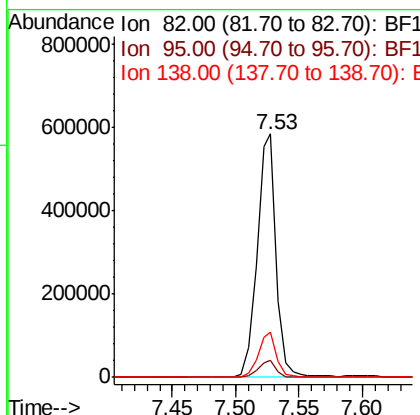
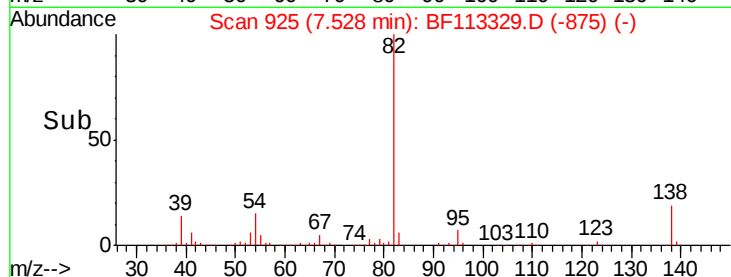
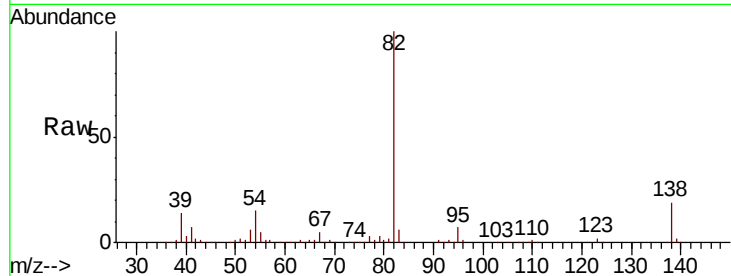
#25
Isophorone
Concen: 28.979 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.6	15.2	22.8

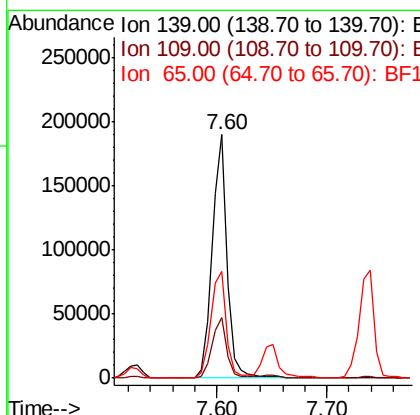
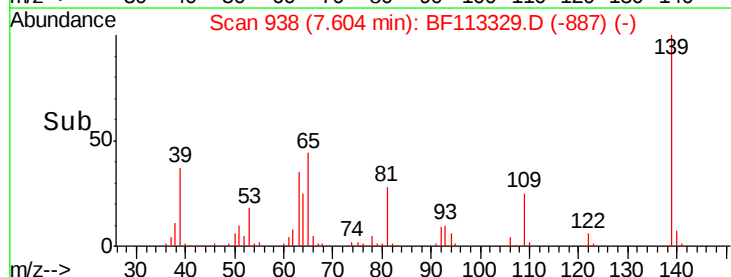
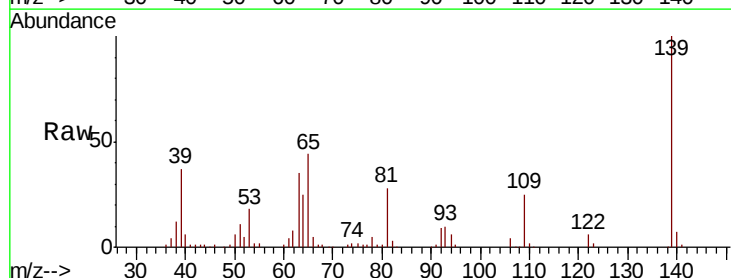
Manual Integrations
APPROVED

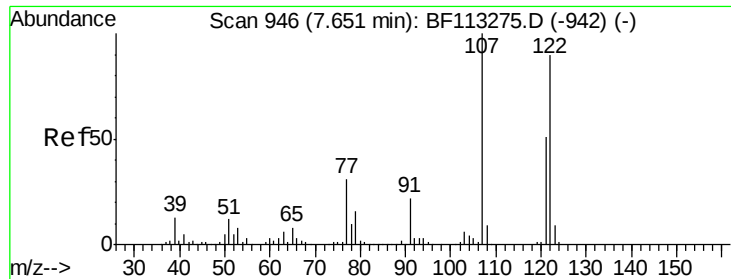
Sohil
3/28/2019 8:41:43 AM



#26
2-Nitrophenol
Concen: 28.874 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.7	21.7	32.5
65	43.9	41.6	62.4





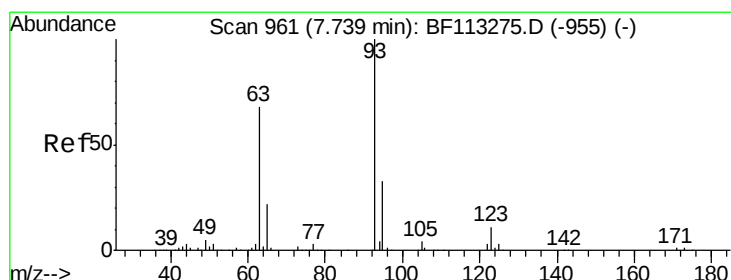
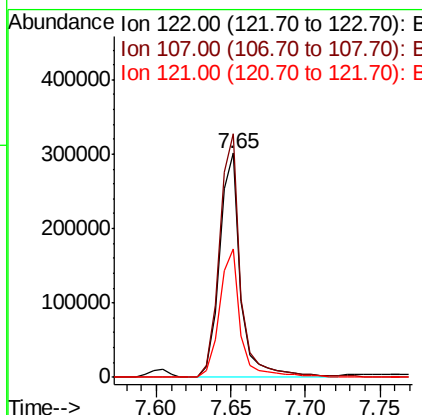
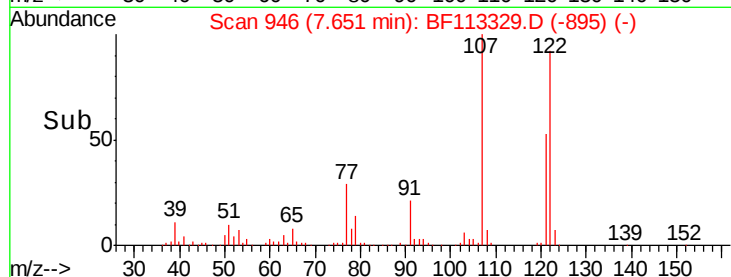
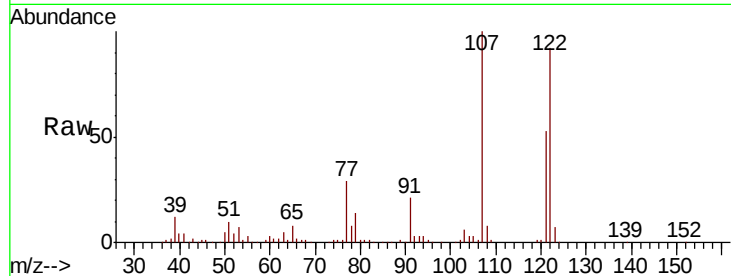
#27
 2,4-Dimethylphenol
 Concen: 34.673 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	299732		
107	108.5	88.8	133.2	
121	57.1	45.5	68.3	

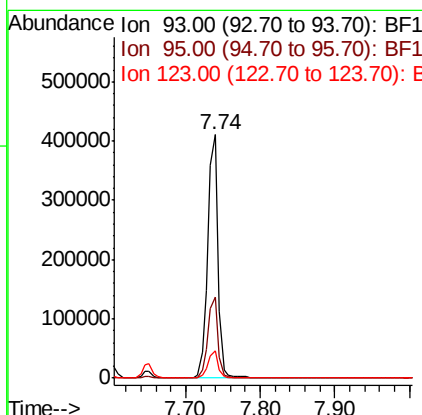
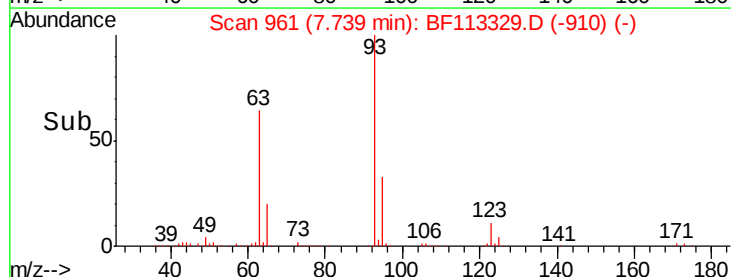
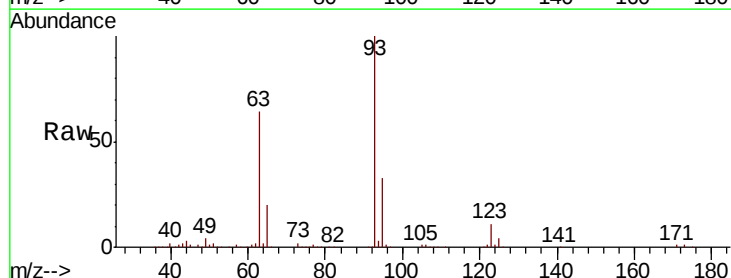
Manual Integrations
 APPROVED

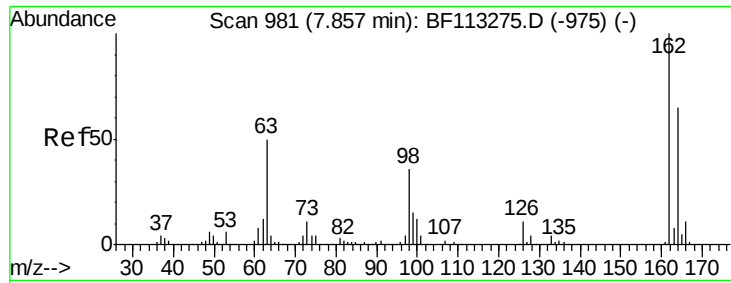
Sohil
 3/28/2019 8:41:43 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.728 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	395276		
95	33.2	26.0	39.0	
123	11.4	9.1	13.7	





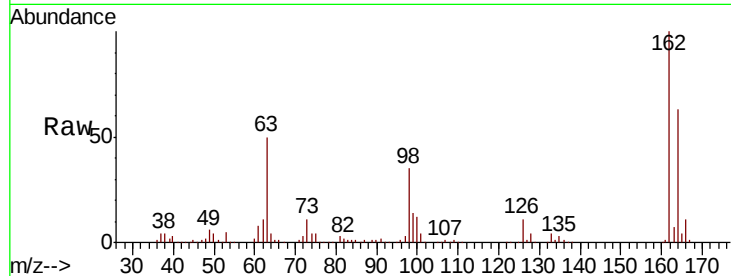
#29
2,4-Dichlorophenol
Concen: 30.215 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	283053		
164	62.7		44.6	84.6
98	35.4		15.6	55.6

Manual Integrations
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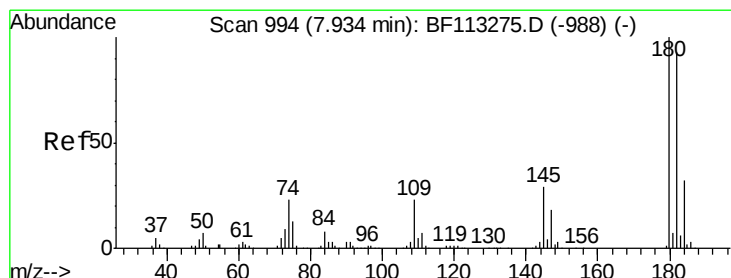
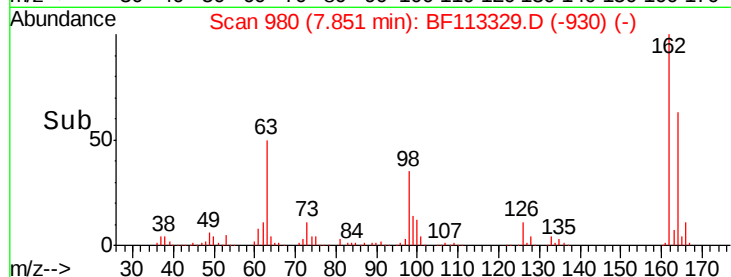
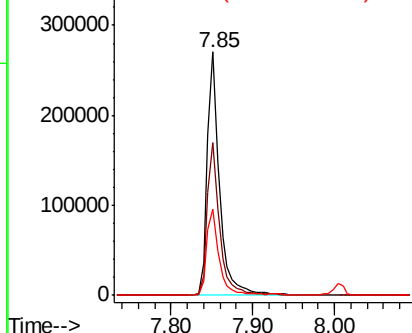


Abundance

Ion 162.00 (161.70 to 162.70): E

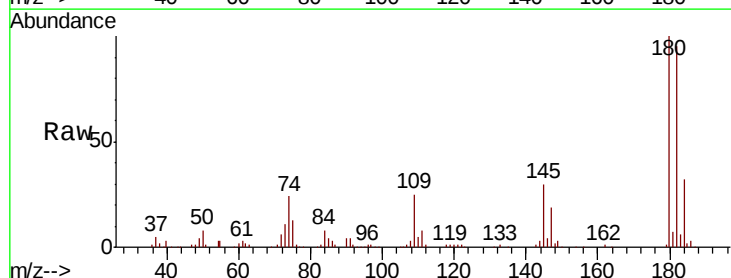
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 29.207 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	295194		
182	95.1		74.6	111.8
145	30.1		23.4	35.0

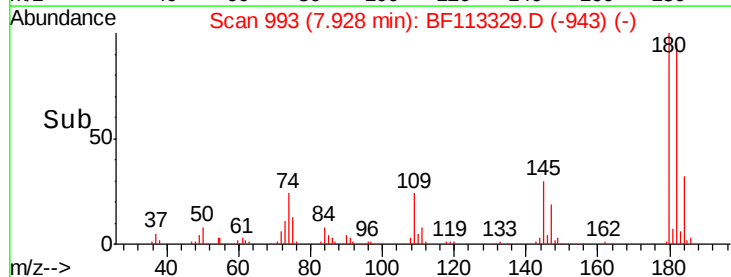
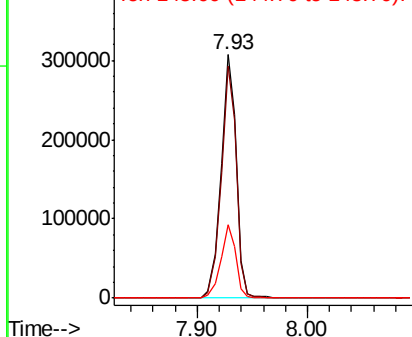


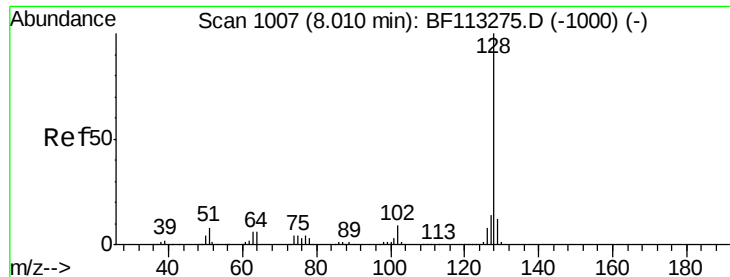
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





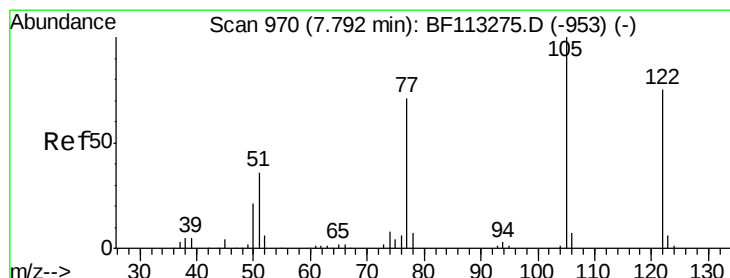
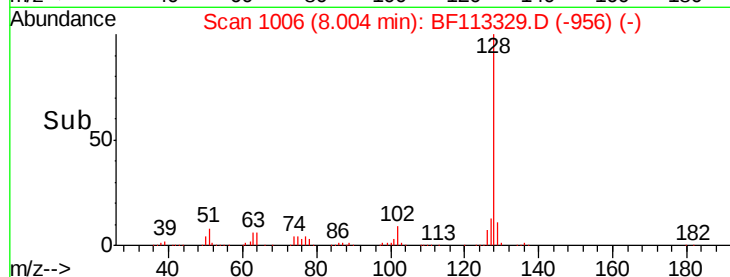
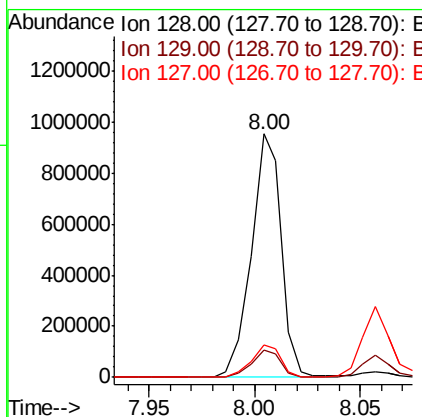
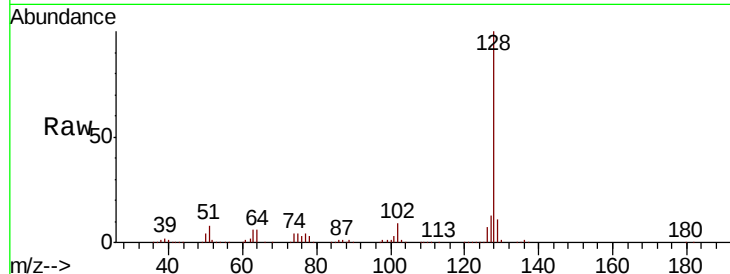
#31
Naphthalene
Concen: 29.790 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.2	10.9	16.3

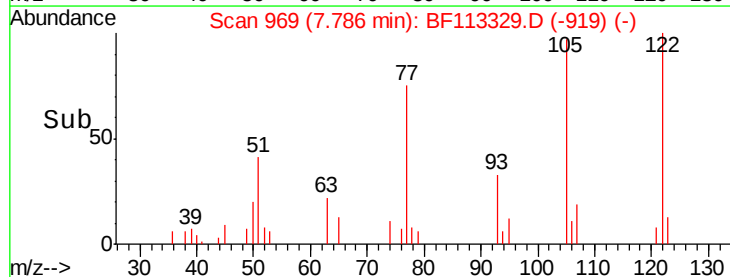
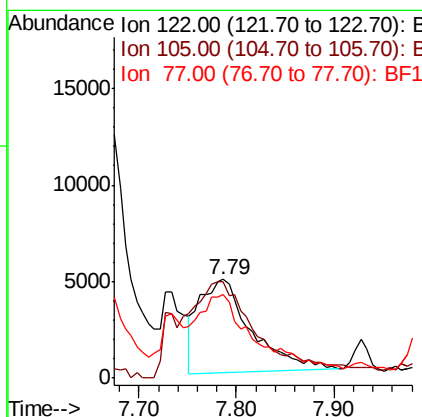
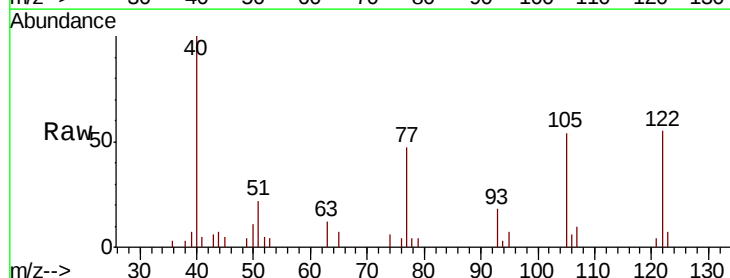
Manual Integrations
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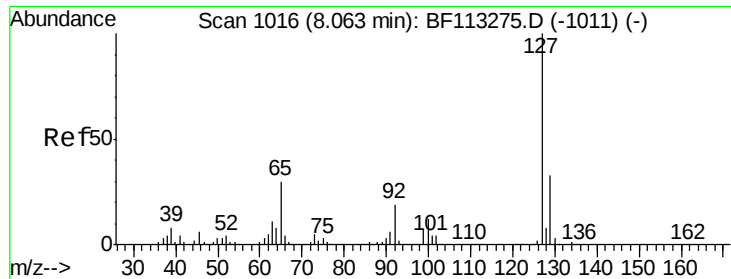
Sohil
3/28/2019 8:41:43 AM



#32
Benzoic acid
Concen: 2.568 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	97.5	100.4	140.4#
77	85.2	69.0	109.0





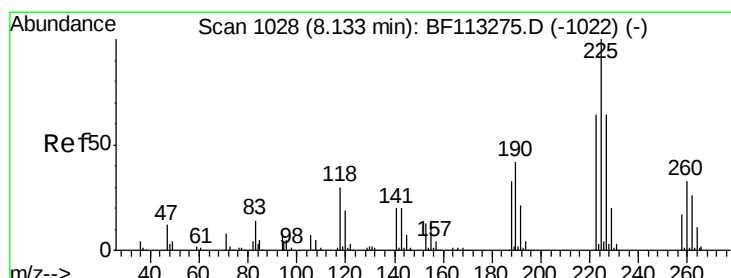
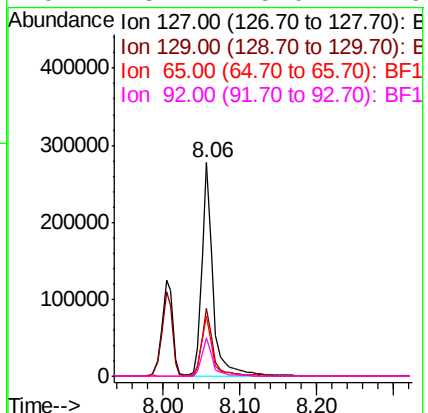
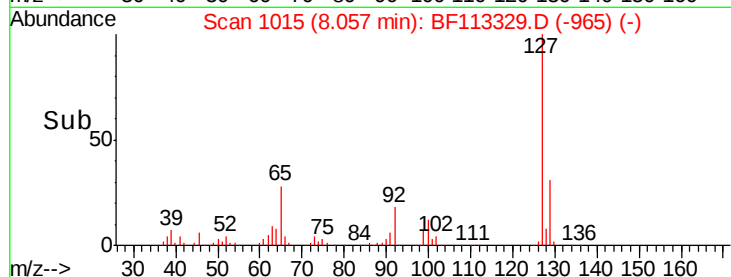
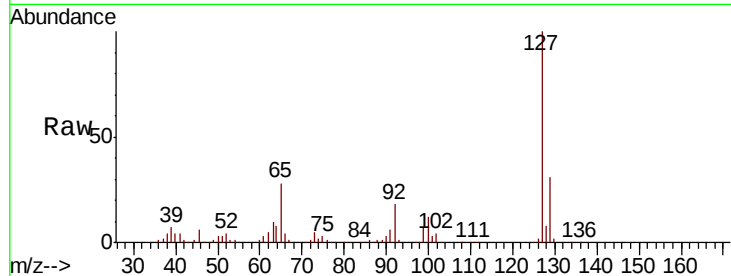
#33
4-Chloroaniline
Concen: 22.768 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.3	39.5		
65	28.5	24.2	36.4		
92	18.2	15.0	22.6		

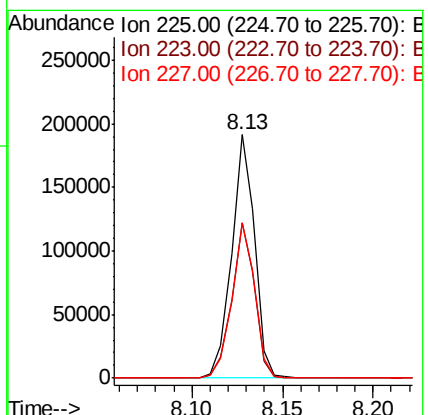
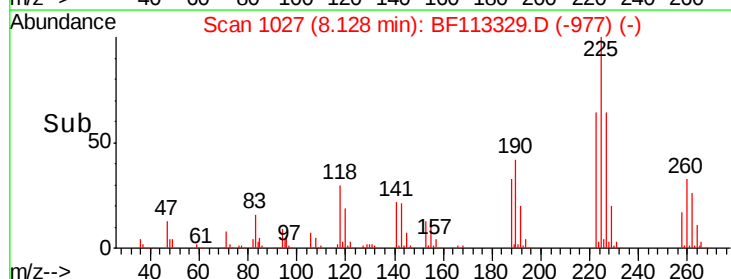
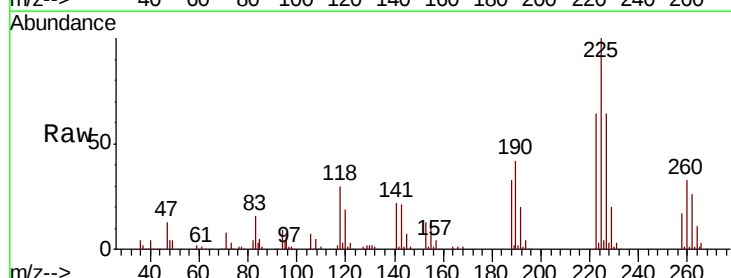
Manual Integrations
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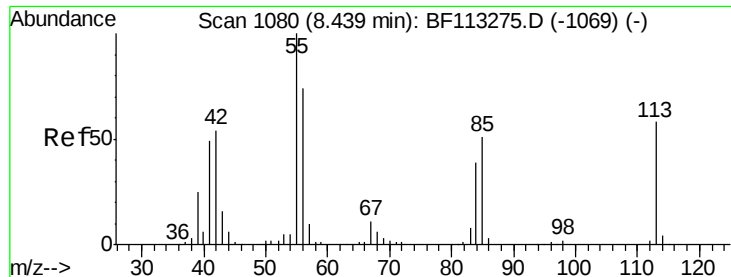
Sohil
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#34
Hexachlorobutadiene
Concen: 28.061 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	51.4	77.2		
227	64.0	51.1	76.7		





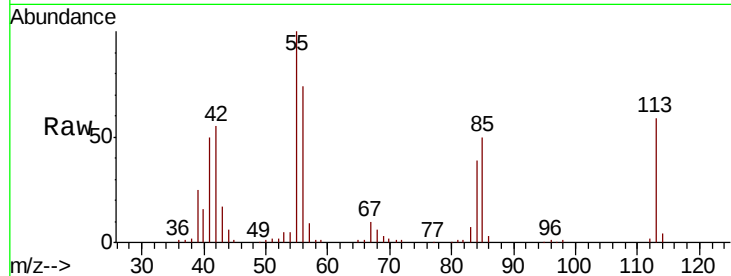
#35
Caprolactam
Concen: 27.946 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.7	152.7	192.7
56	125.2	108.3	148.3

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3/28/2019 8:41:43 AM

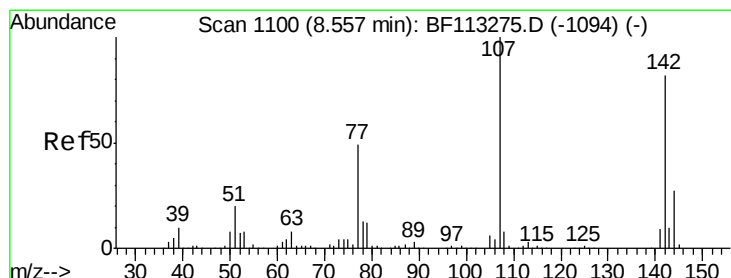
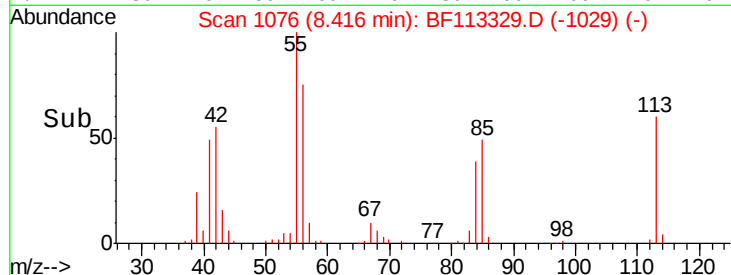
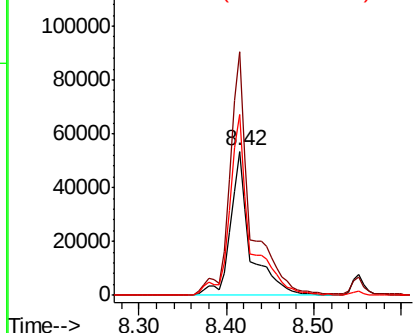


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 30.598 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

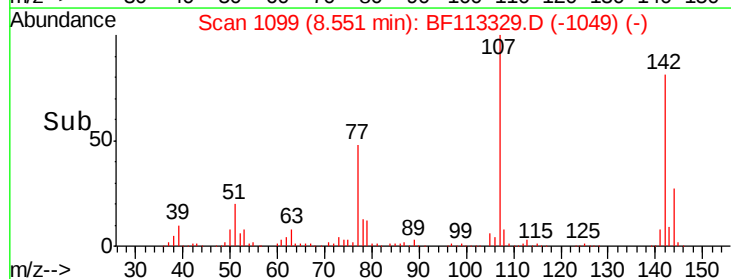
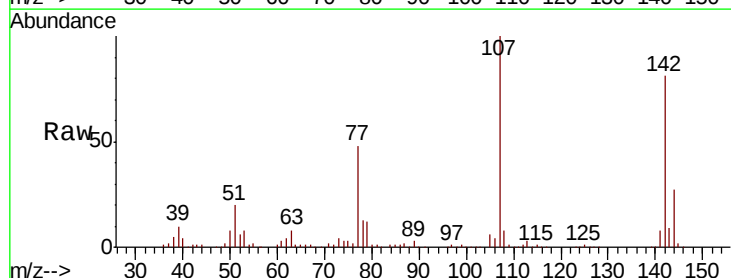
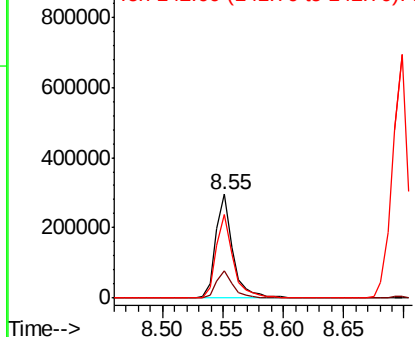
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.4	32.0
142	81.0	65.6	98.4

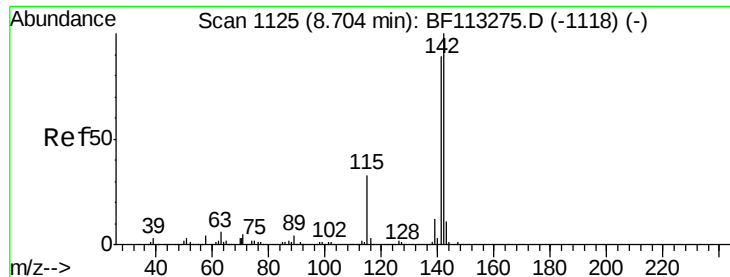
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





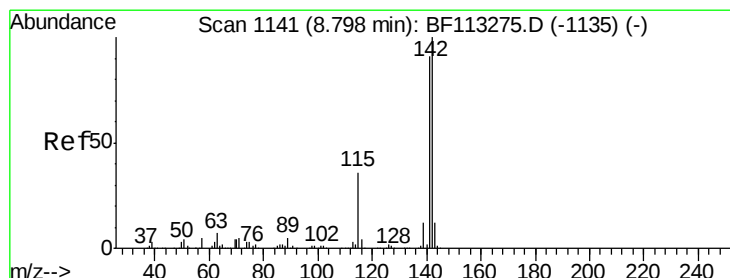
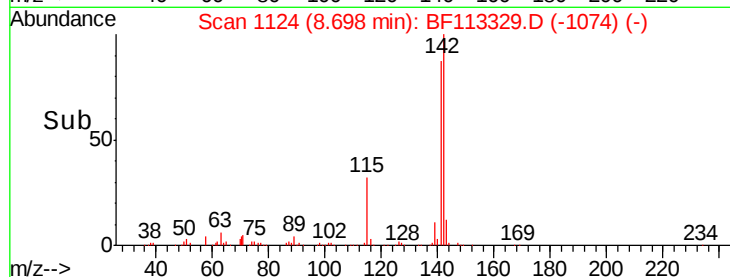
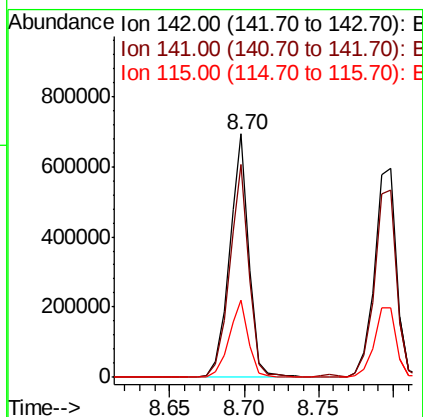
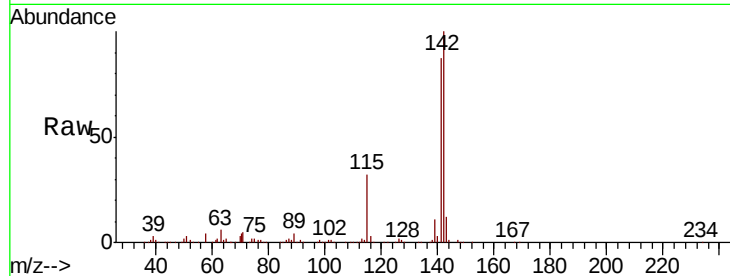
#37
2-Methylnaphthalene
Concen: 31.941 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.0	106.6
115	31.7	26.6	39.8

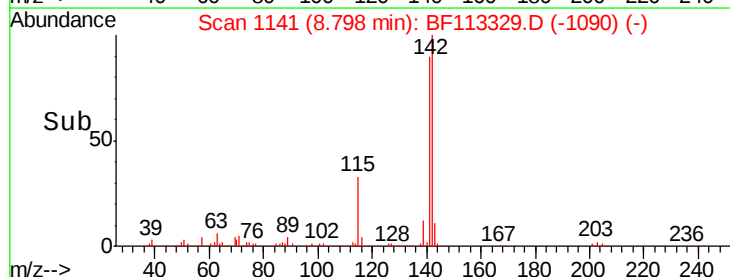
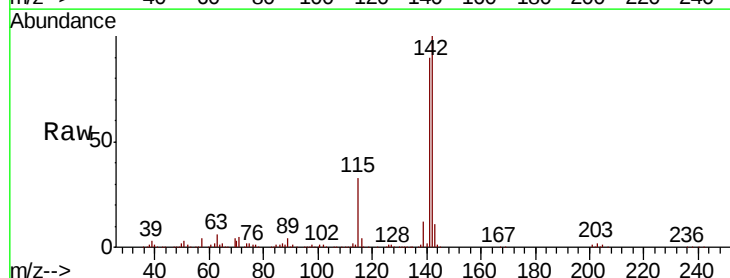
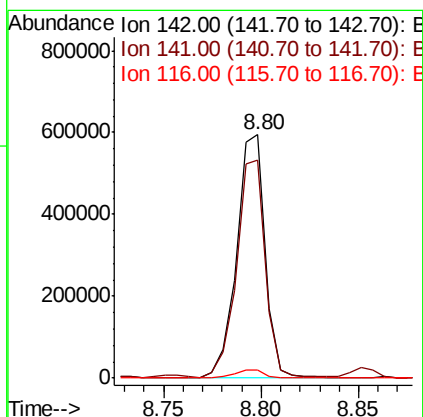
Manual Integrations
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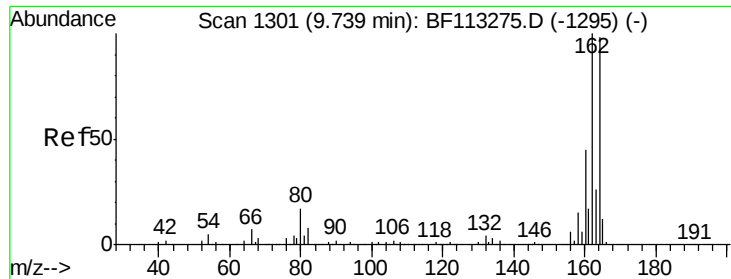
Sohil
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#38
1-Methylnaphthalene
Concen: 31.425 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.2	109.8
116	3.5	3.0	4.4





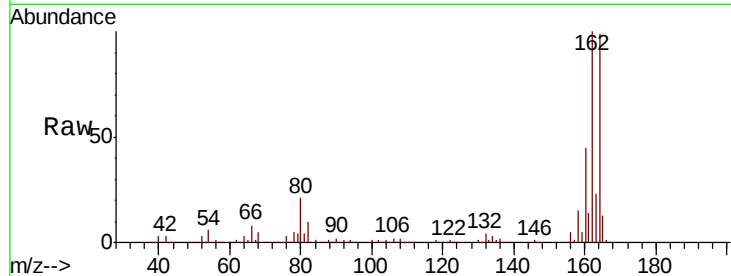
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.6
160	45.0	36.4	54.6

Manual Integrations
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3/28/2019 8:41:43 AM

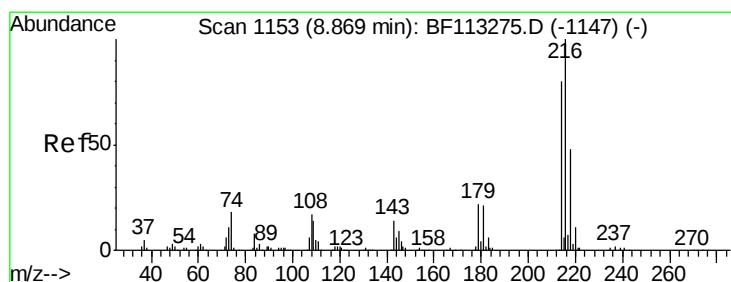
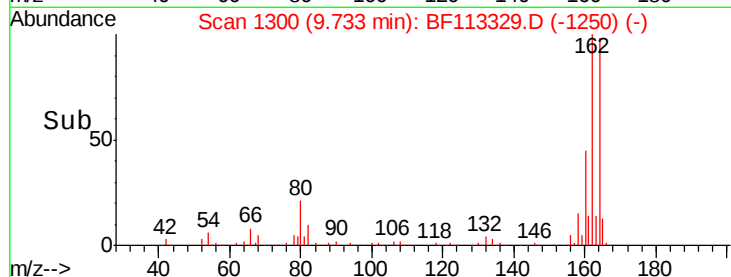
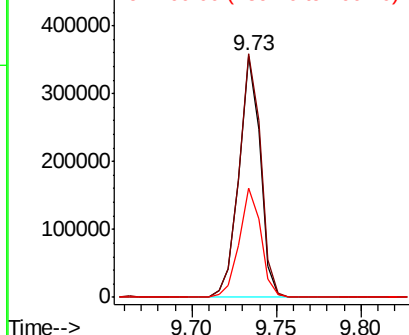


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.027 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.6
179	20.2	16.8	25.2
108	18.0	13.8	20.6

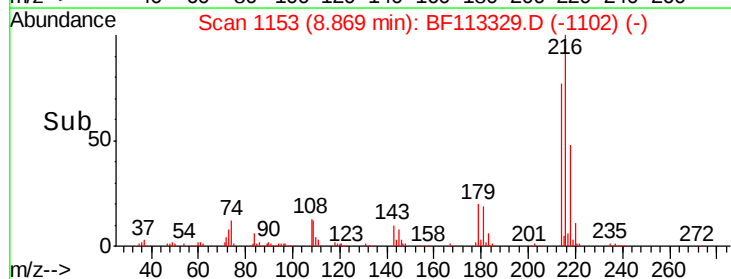
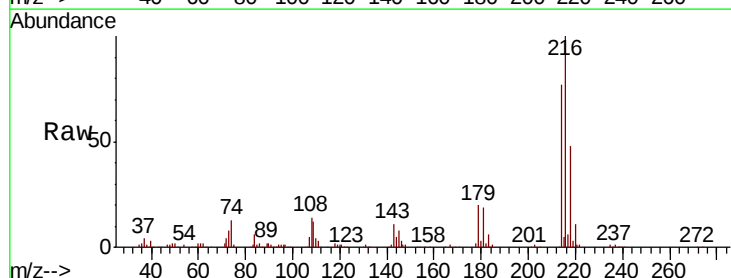
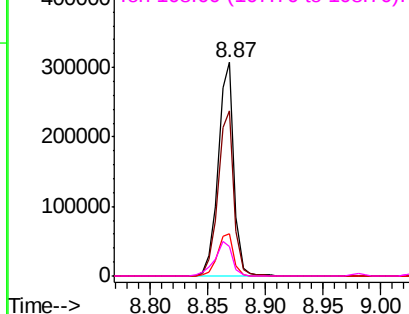
Abundance

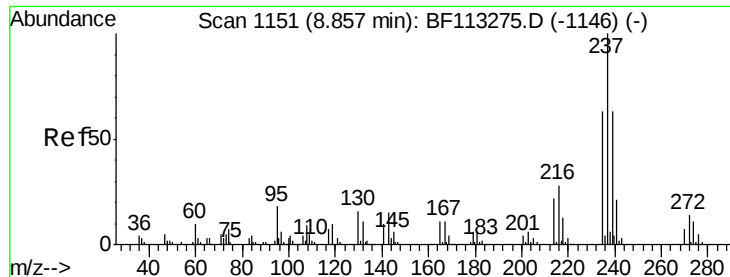
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 46.919 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

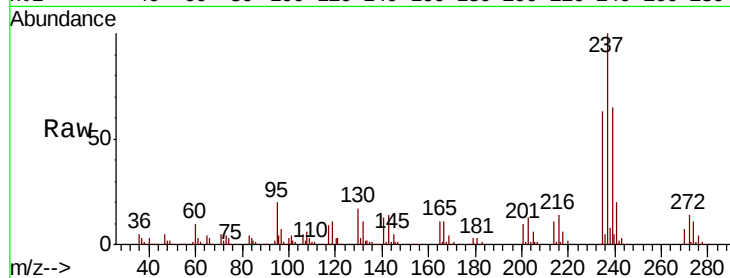
ClientSampleId :

TT-001-IDWSO-20190325MS

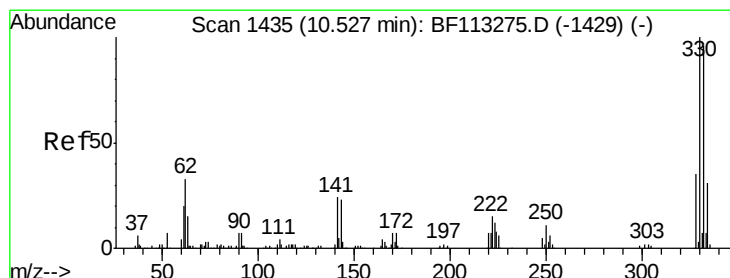
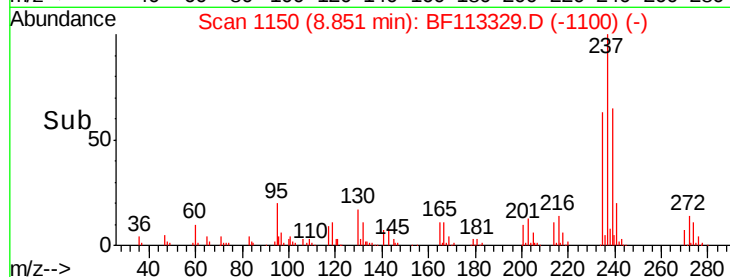
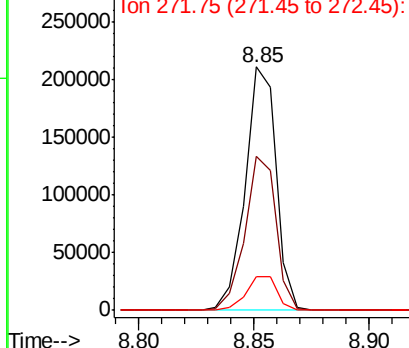
Tot Ion:	237	Resp:	198236
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.4	83.4
272	14.0	0.0	33.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.434 ng

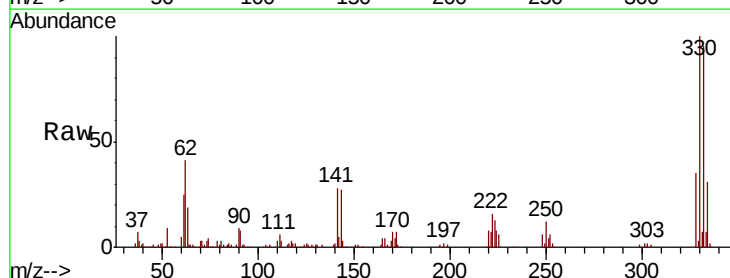
RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

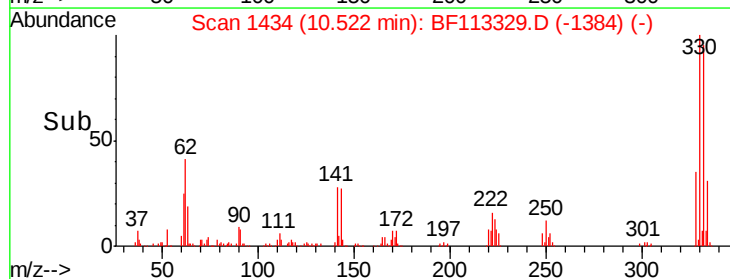
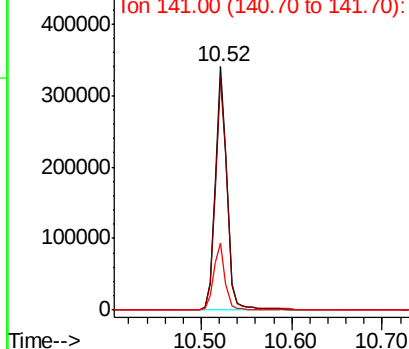
Lab File: BF113329.D

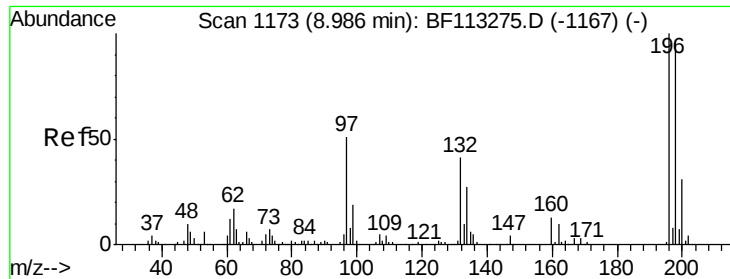
Acq: 27 Mar 2019 14:25

Tgt Ion:	330	Resp:	305113
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.8	116.6
141	27.0	22.7	34.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





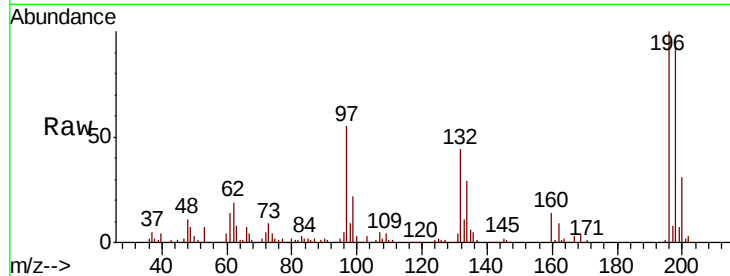
#43
 2,4,6-Trichlorophenol
 Concen: 28.872 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	187672		
198	95.8	77.7	116.5	
200	30.9	24.9	37.3	

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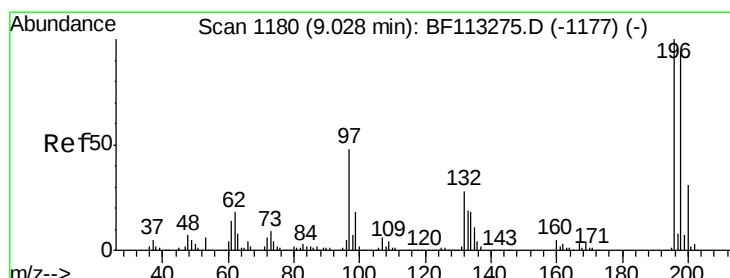
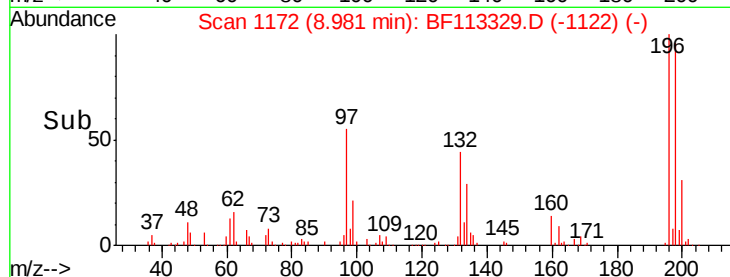
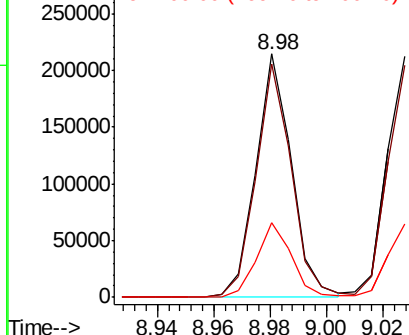


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 28.117 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202264		
198	96.1	75.4	113.2	
97	44.1	38.6	58.0	
132	26.6	22.9	34.3	

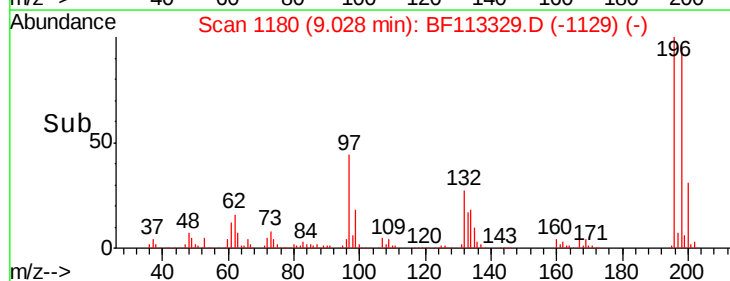
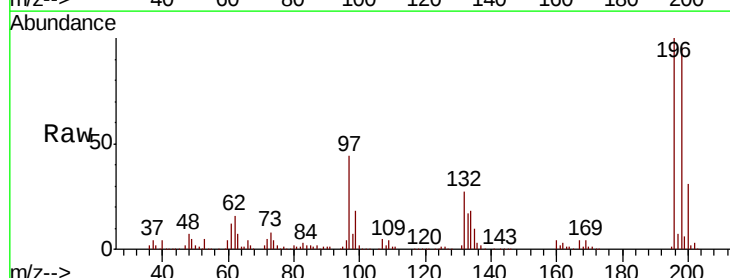
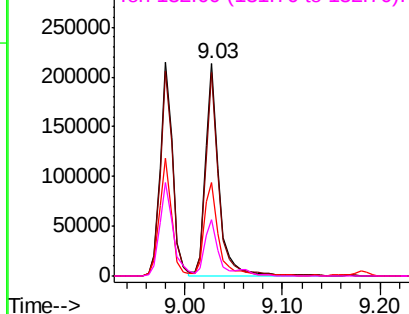
Abundance

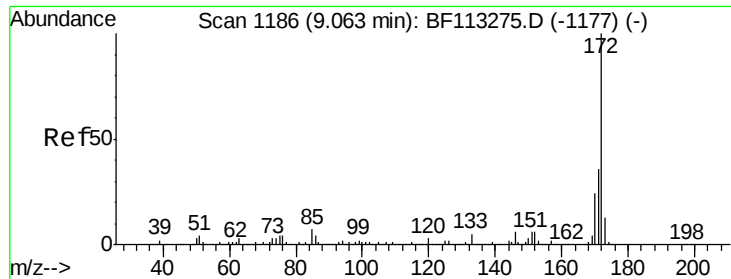
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





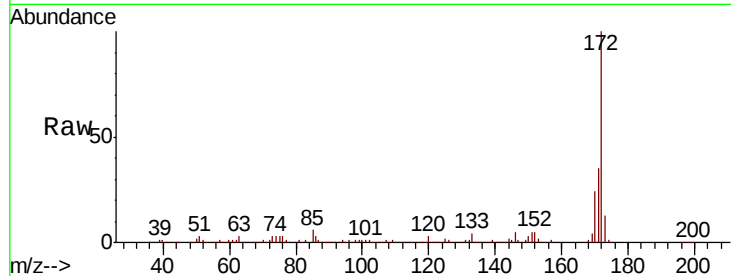
#45
2-Fluorobiphenyl
Concen: 54.259 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.3	29.0	43.6	
170	24.1	19.5	29.3	

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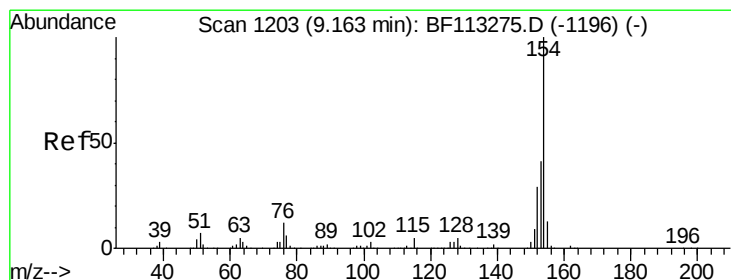
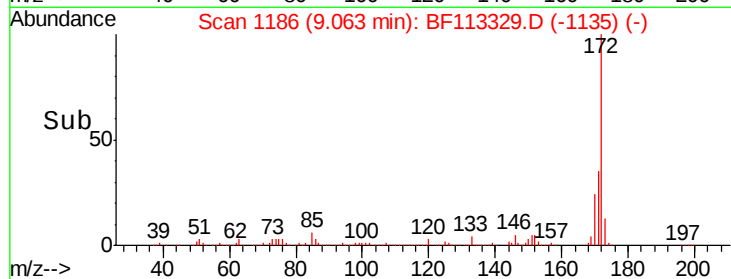
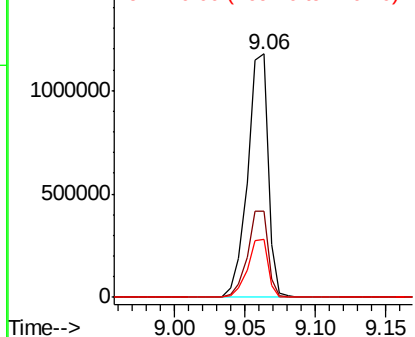


Abundance

Ion 172.00 (171.70 to 172.70): E

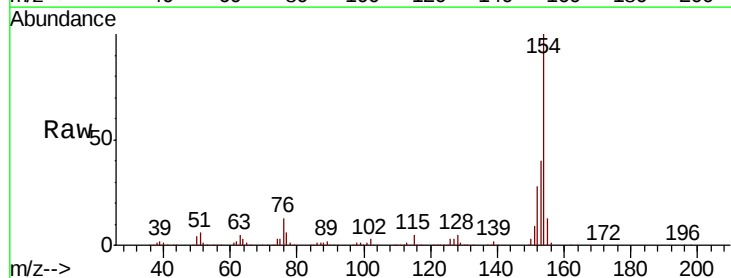
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 29.418 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.3	20.8	60.8	
76	13.2	0.0	31.9	

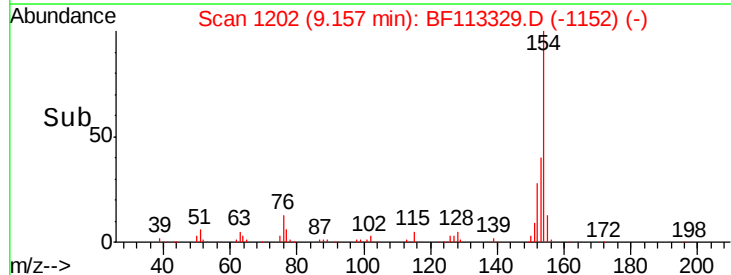
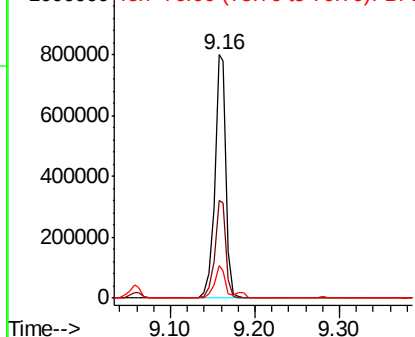


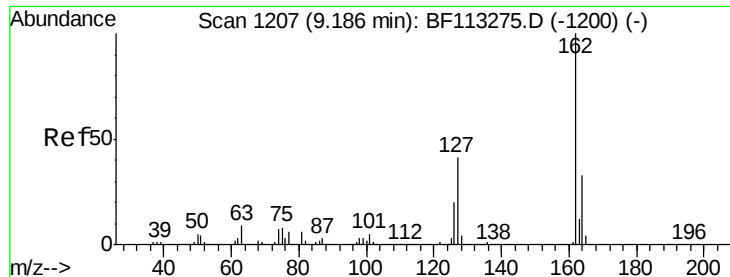
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





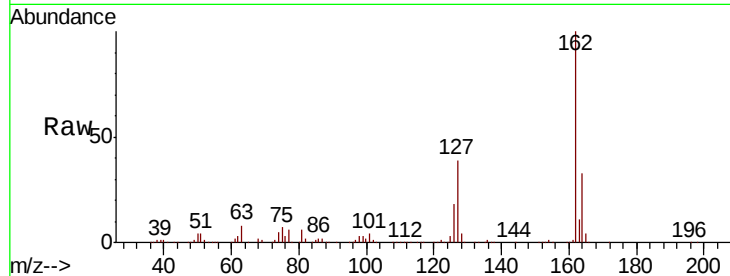
#47
2-Chloronaphthalene
Concen: 29.148 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

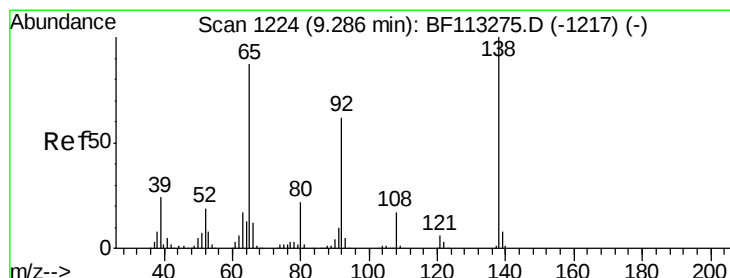
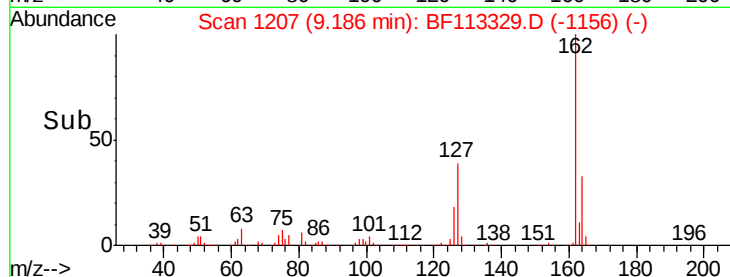
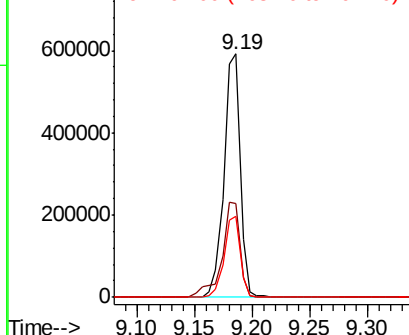
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	32.6	49.0	
164	33.2	26.6	39.8	

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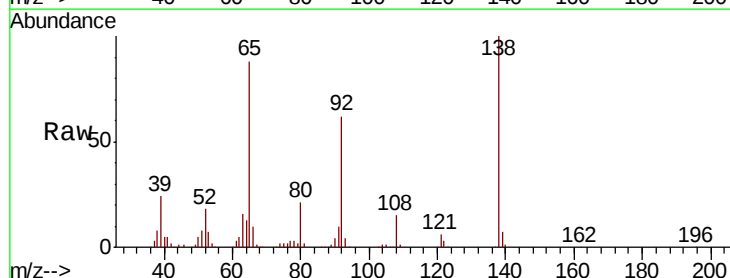


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

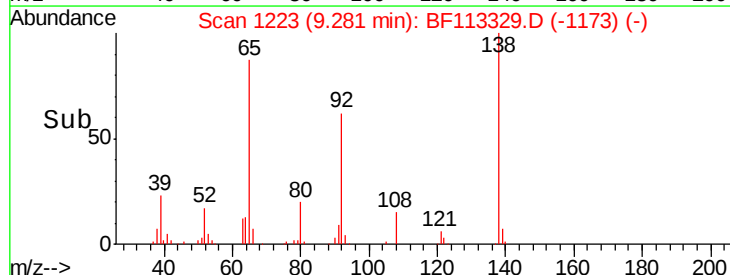
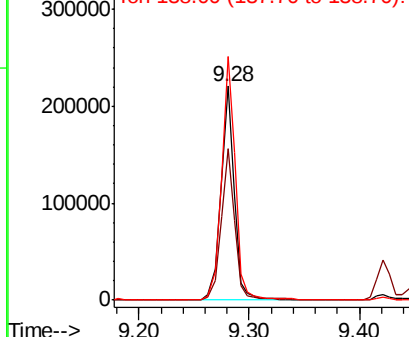


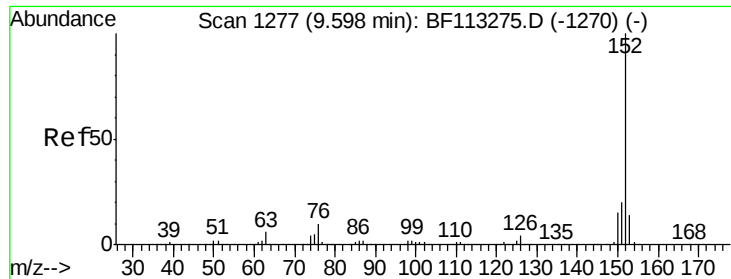
#48
2-Nitroaniline
Concen: 29.983 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.0	56.8	85.2	
138	113.8	92.3	138.5	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 29.646 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

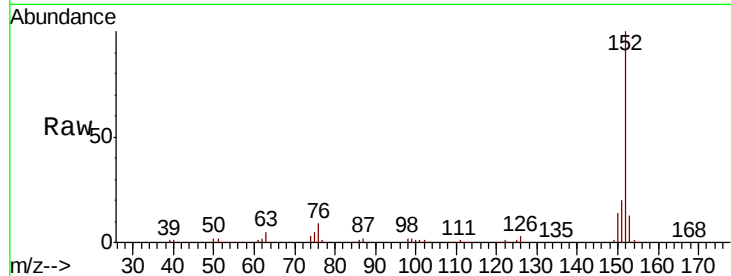
ClientSampleId :

TT-001-IDWSO-20190325MS

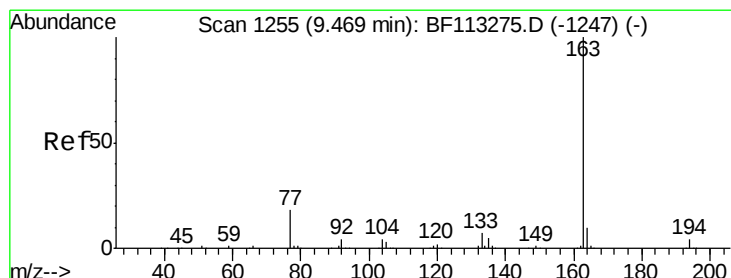
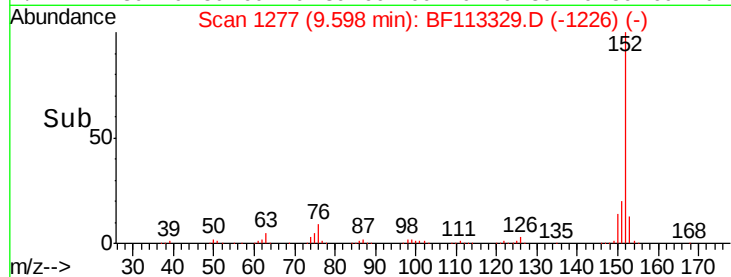
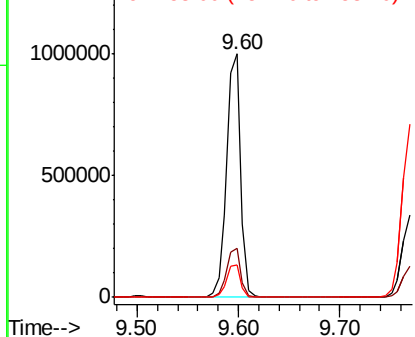
Tot Ion:	152	Resp:	958529
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.4
153	13.3	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 33.376 ng

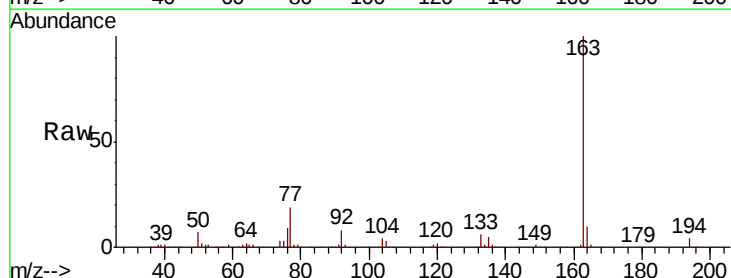
RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

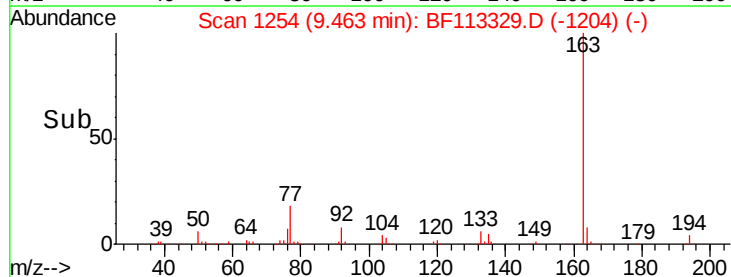
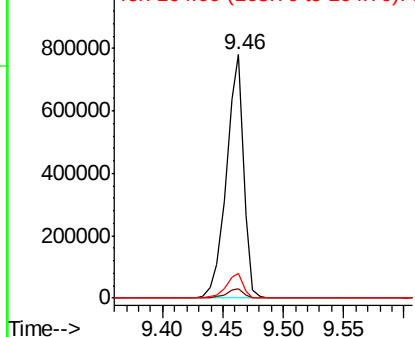
Lab File: BF113329.D

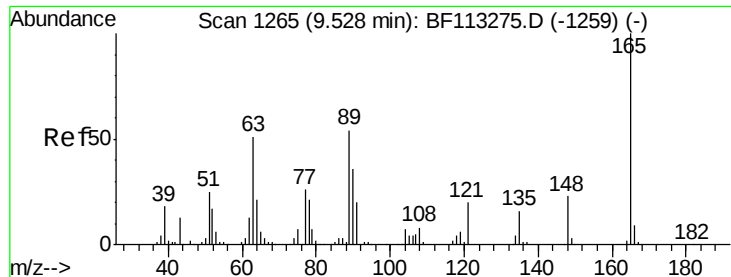
Acq: 27 Mar 2019 14:25

Tgt Ion:	163	Resp:	769153
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.2	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.705 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

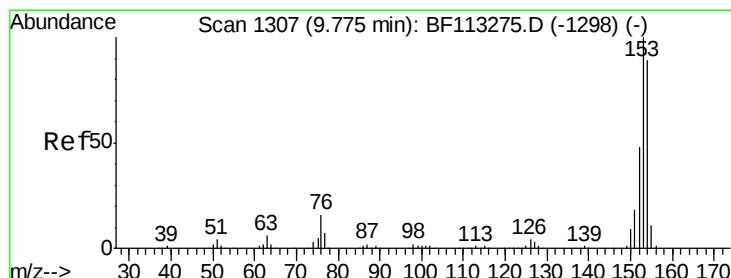
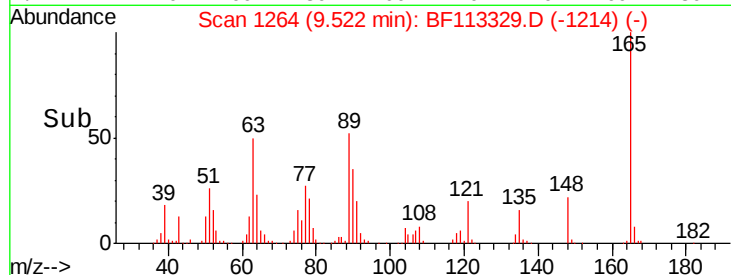
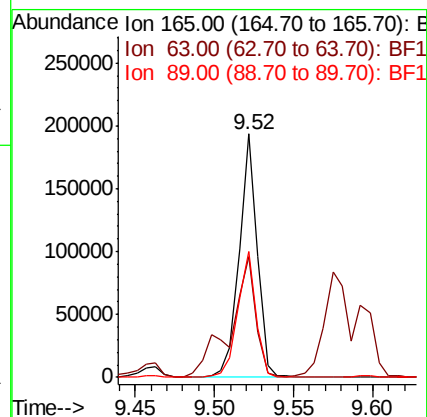
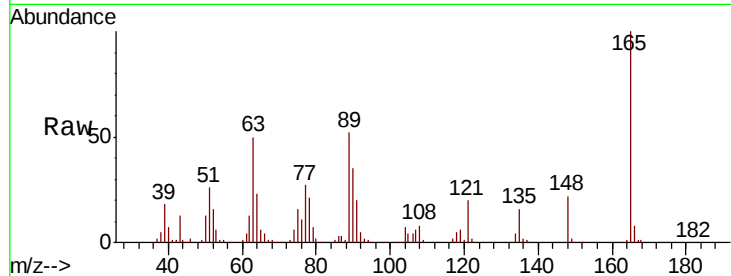
ClientSampleId :

TT-001-IDWSO-20190325MS

Tot Ion:	165	Resp:	154432
Ion Ratio	Lower	Upper	
165	100		
63	49.7	43.4	65.0
89	51.8	43.1	64.7

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#52

Acenaphthene

Concen: 29.540 ng

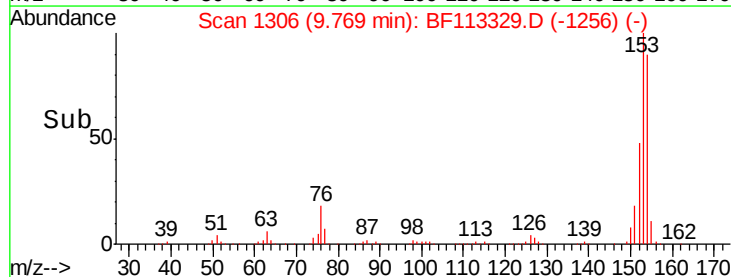
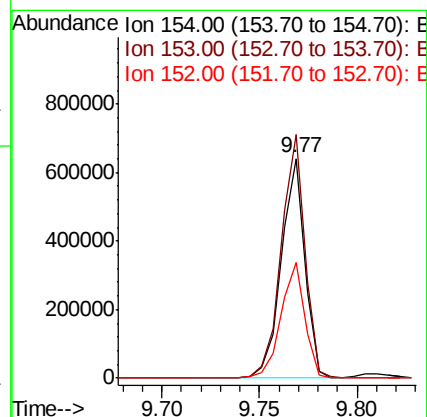
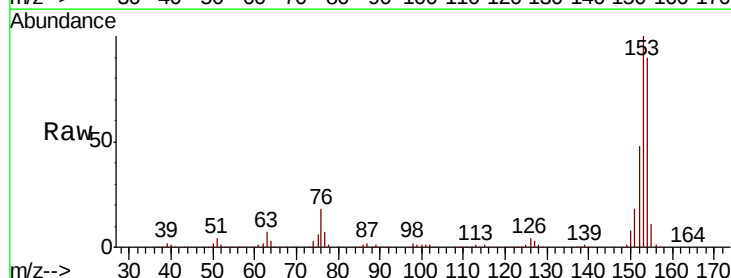
RT: 9.77 min Scan# 1306

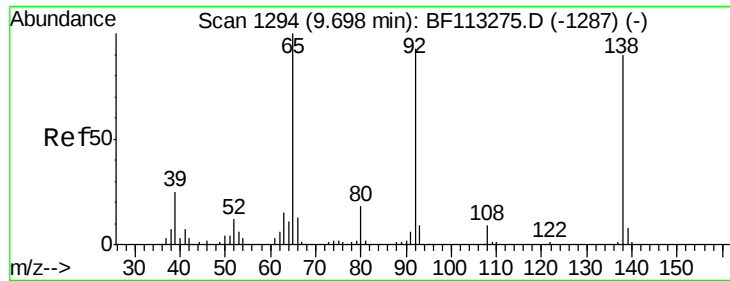
Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Tgt Ion:	154	Resp:	537872
Ion Ratio	Lower	Upper	
154	100		
153	110.8	89.5	134.3
152	52.9	43.3	64.9





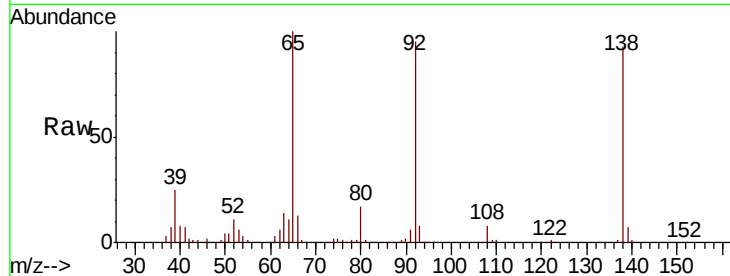
#53
3-Nitroaniline
Concen: 25.641 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	7.8	11.6
92	102.2	82.6	124.0

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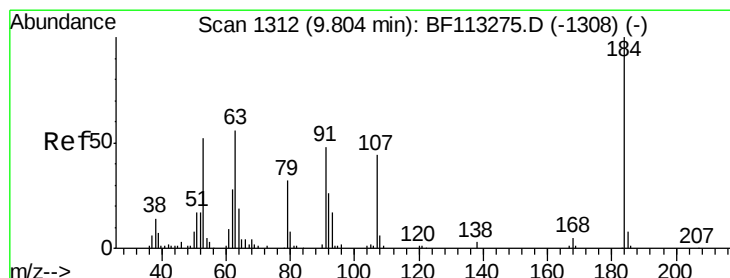
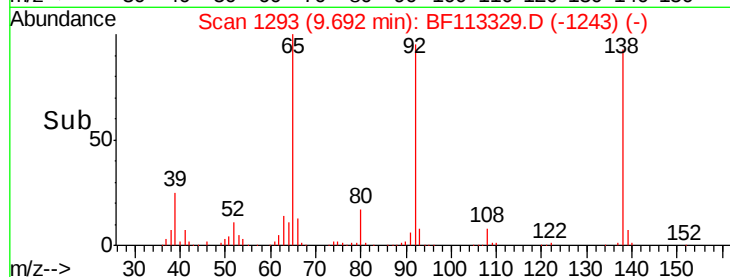
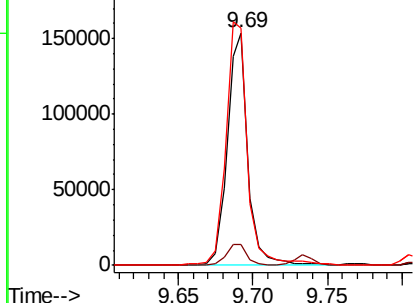


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 11.783 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

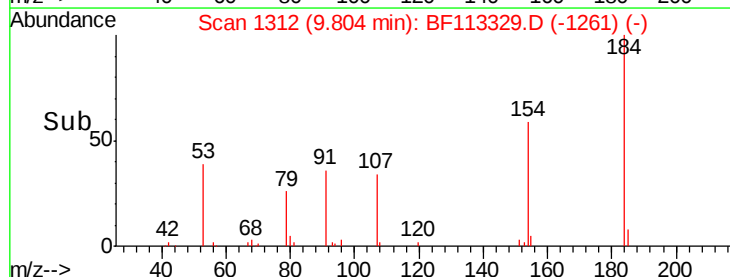
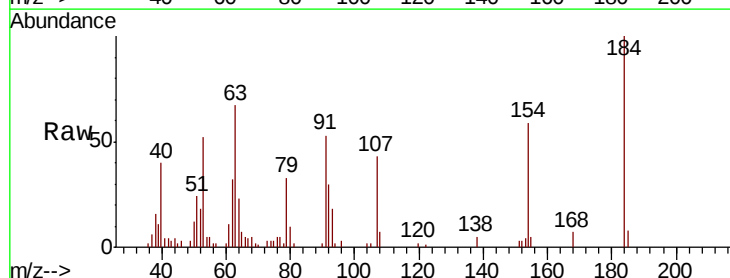
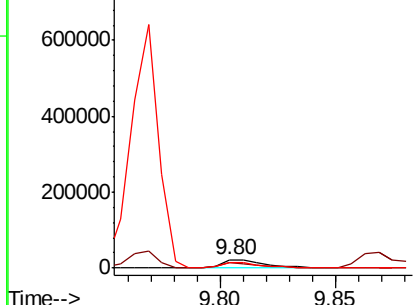
Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.8	54.3	81.5
154	59.3	48.4	72.6

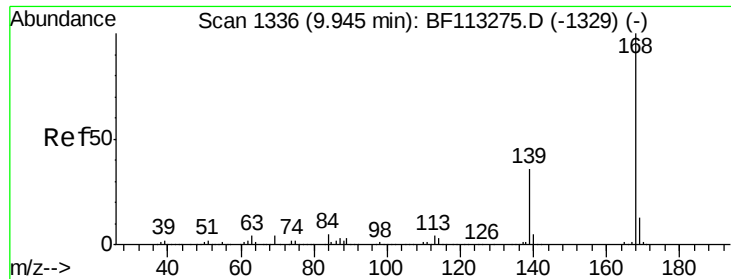
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





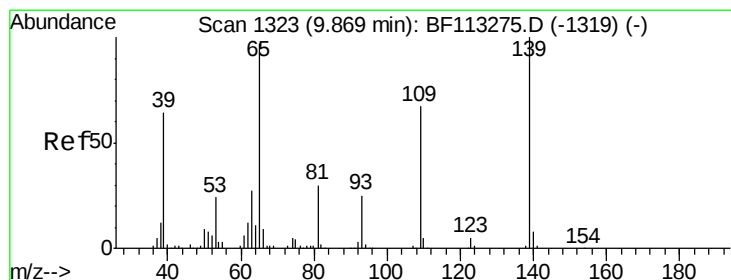
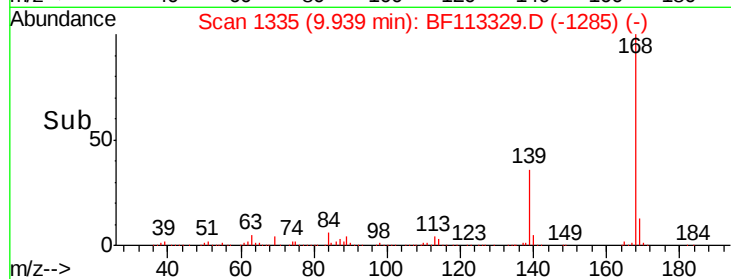
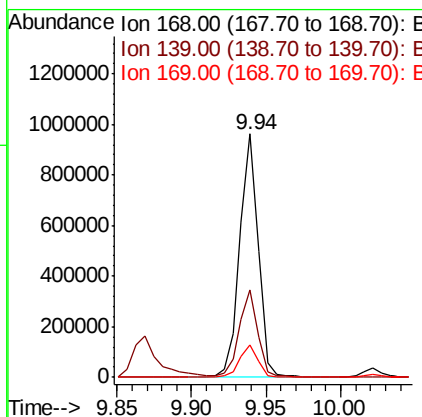
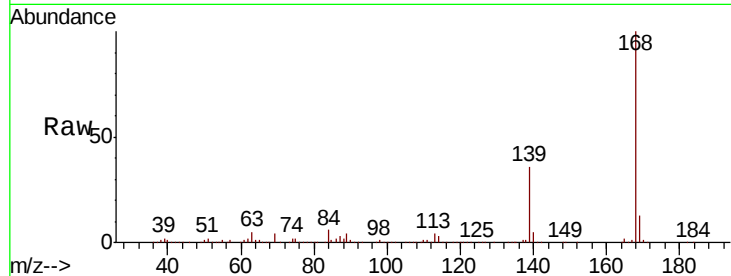
#55
Dibenzenofuran
Concen: 30.564 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.7	44.5
169	13.4	10.7	16.1

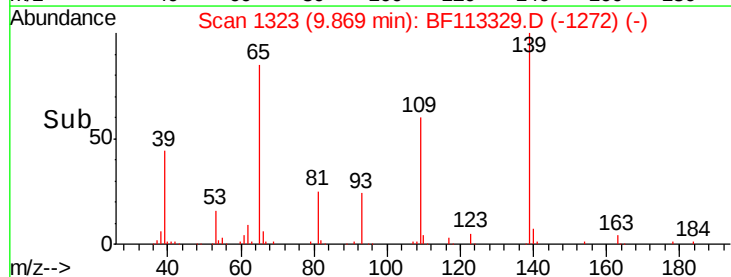
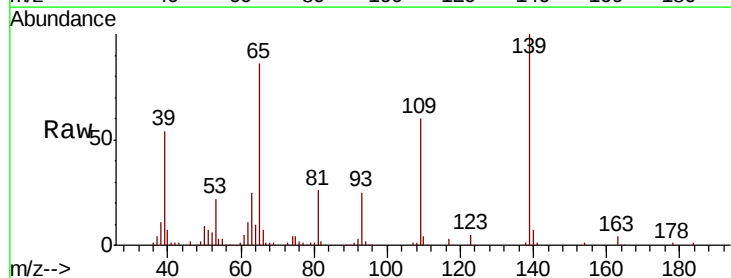
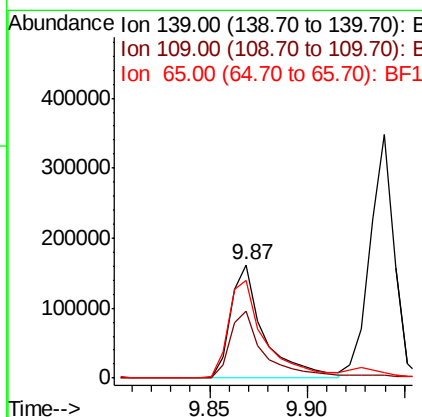
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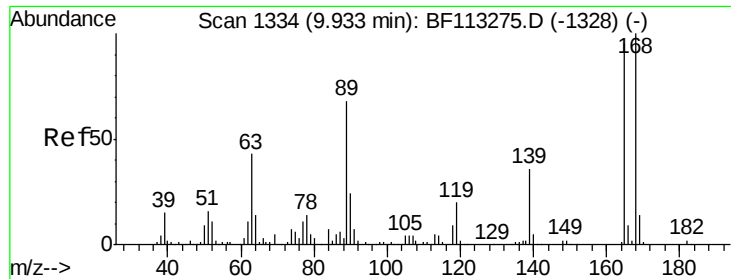
Sohil
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#56
4-Nitrophenol
Concen: 46.096 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.7	46.9	86.9
65	86.2	77.2	117.2





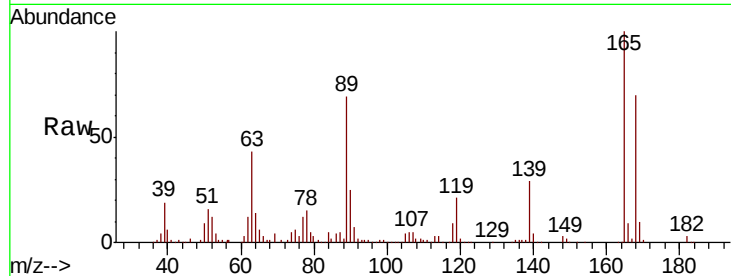
#57
 2,4-Dinitrotoluene
 Concen: 30.646 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MS

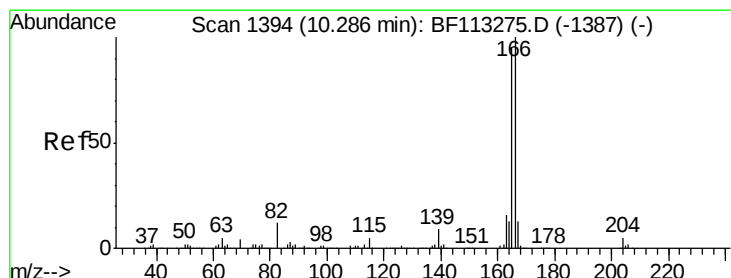
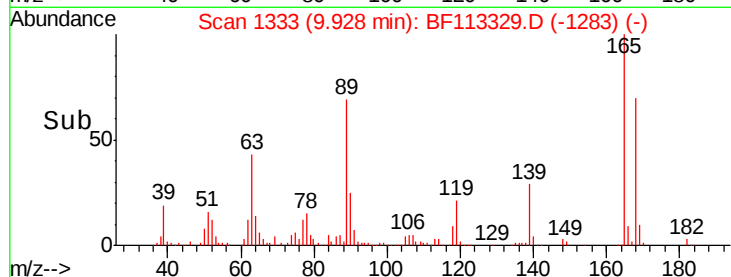
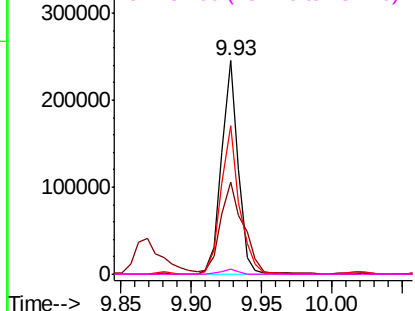
Tot Ion	Ratio	Resp	Lower	Upper
165	100	202609		
63	43.2		37.5	56.3
89	69.2		57.4	86.2
182	2.5		2.0	3.0

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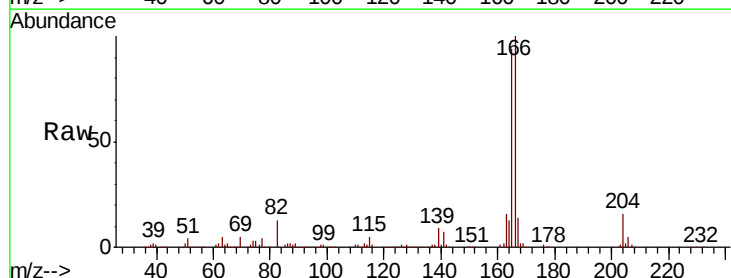


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

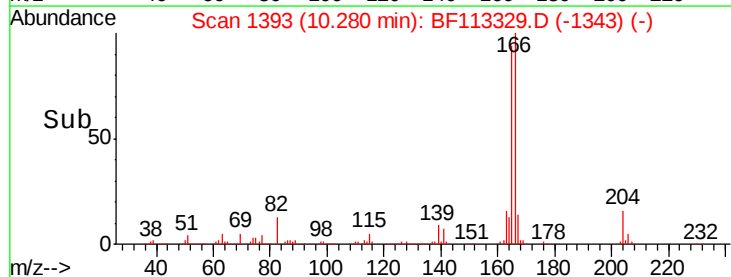
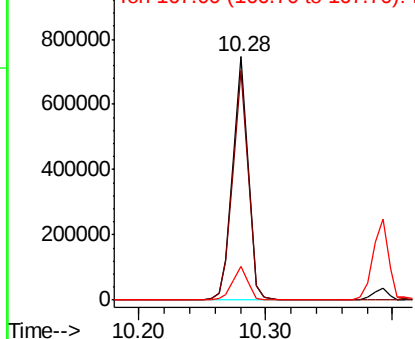


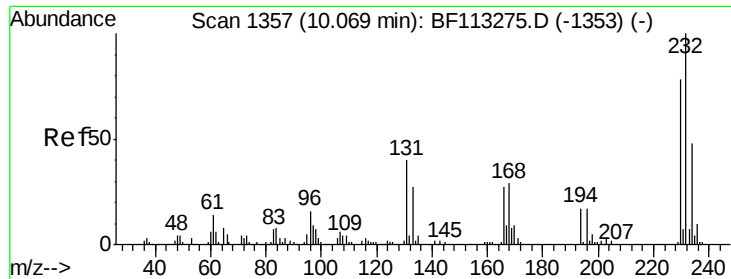
#58
 Fluorene
 Concen: 29.621 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	629883		
165	94.4		76.2	114.2
167	13.9		10.7	16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





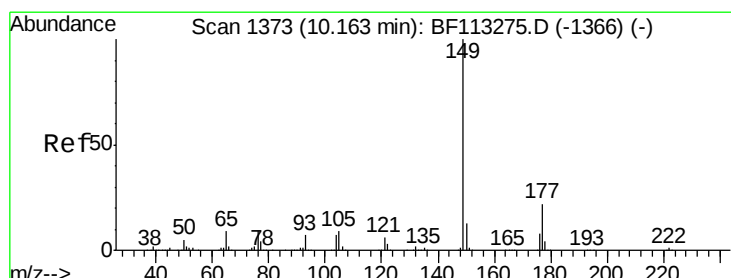
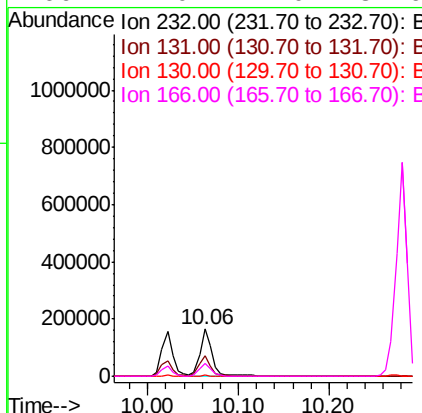
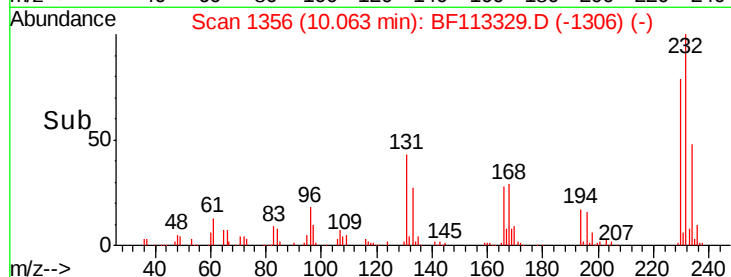
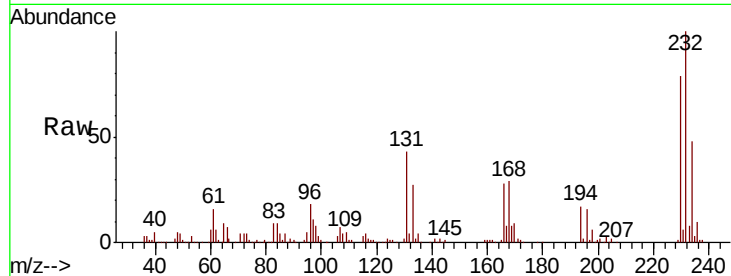
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.151 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		153001		
131	41.5	33.2	49.8		
130	2.0	1.6	2.4		
166	27.0	21.0	31.6		

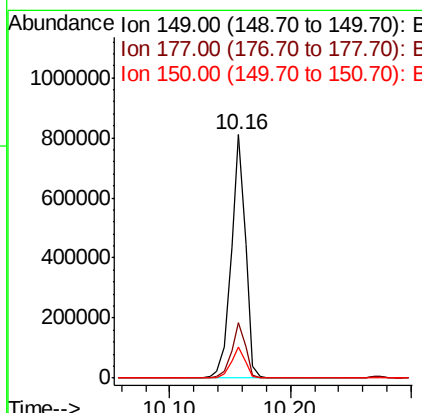
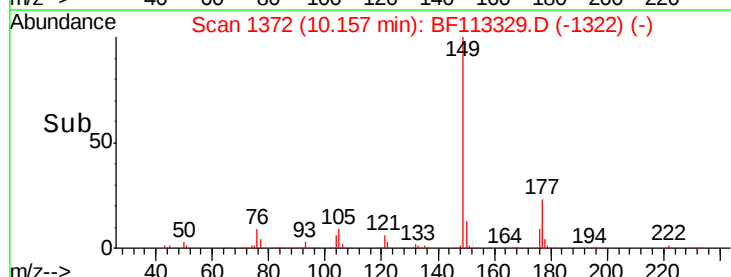
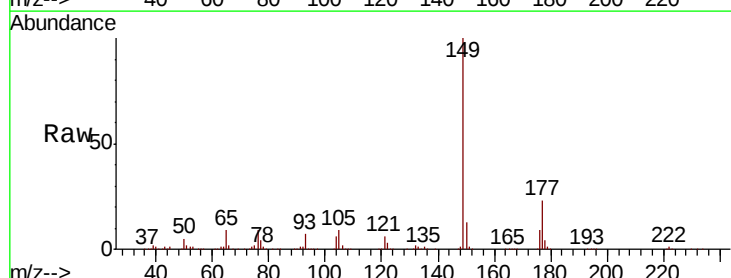
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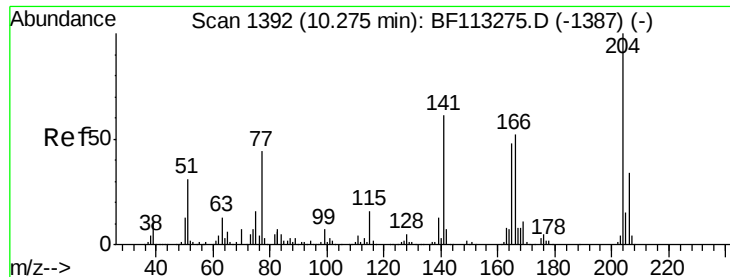
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#60
 Diethylphthalate
 Concen: 29.276 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		661842		
177	22.6	17.4	26.0		
150	12.6	10.0	15.0		





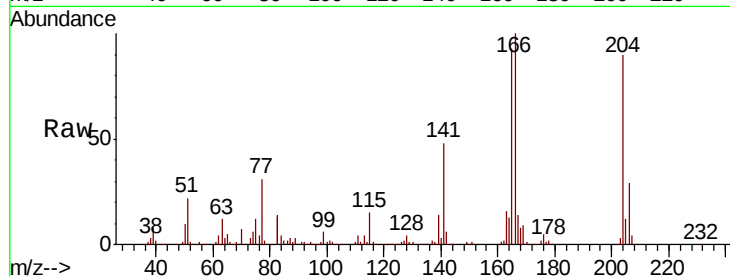
#61
4-Chlorophenyl-phenylether
Concen: 29.831 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.9	40.3
141	53.0	48.8	73.2

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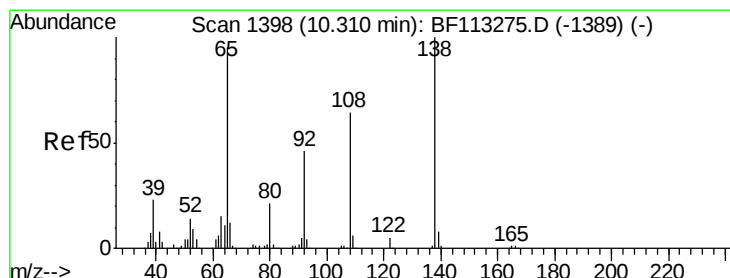
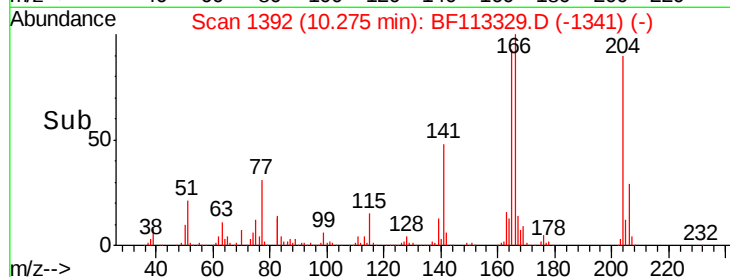
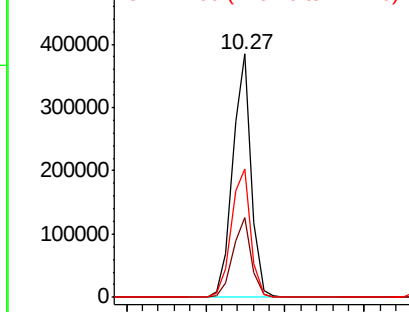


Abundance

Ion 204.00 (203.70 to 204.70): E

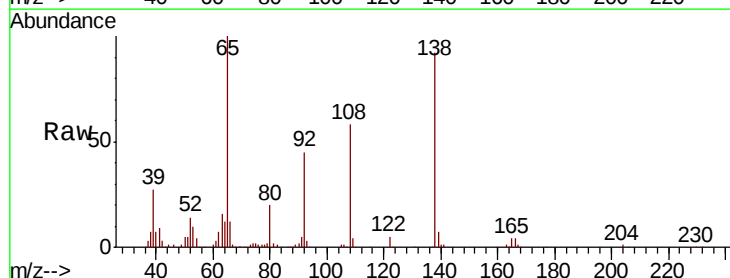
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 29.334 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	25.8	65.8
108	63.0	44.0	84.0

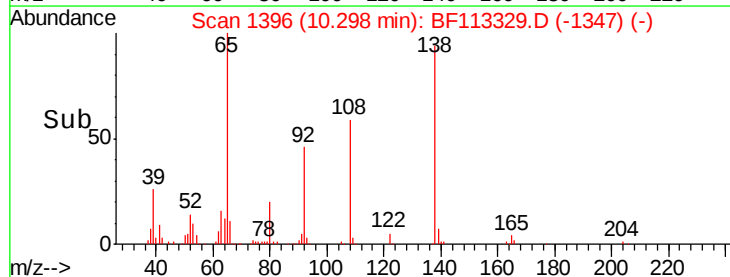
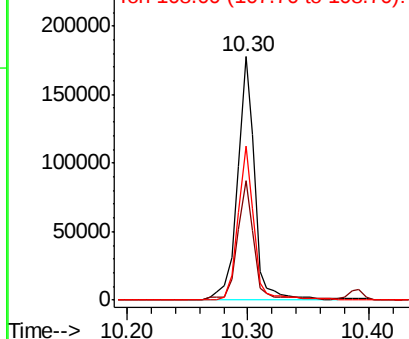


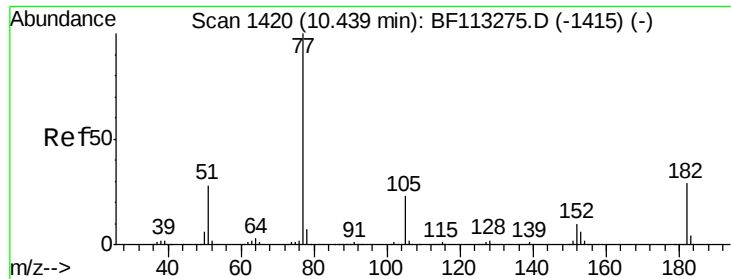
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 29.557 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

ClientSampleId :

TT-001-IDWSO-20190325MS

Tot Ion: 77 Resp: 628988

Ion Ratio Lower Upper

77 100

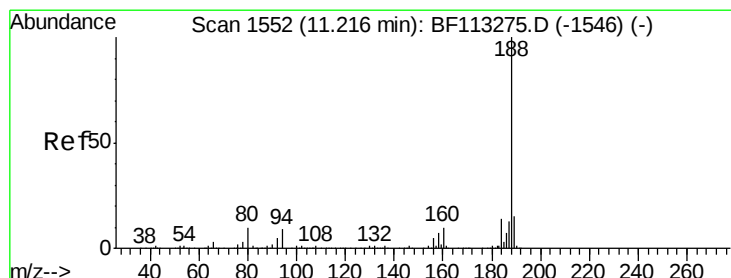
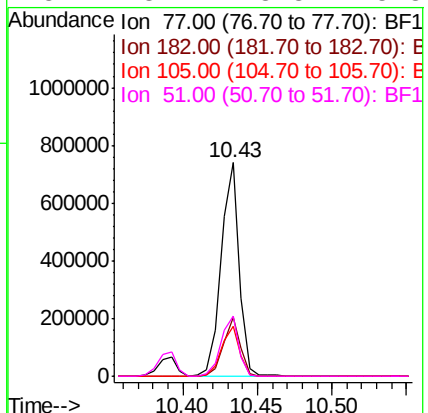
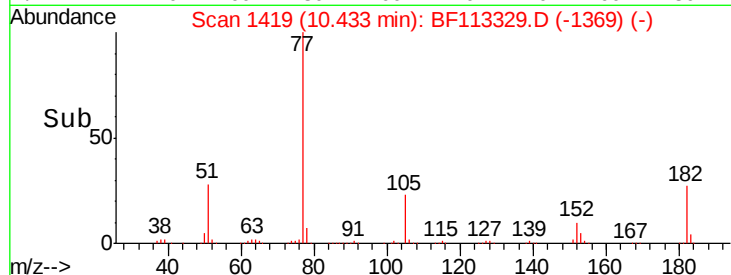
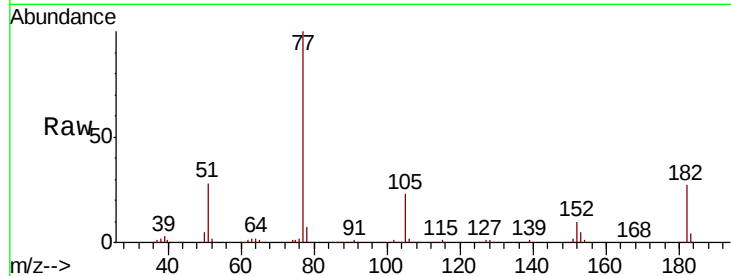
182 27.4 8.7 48.7

105 23.2 2.9 42.9

51 28.1 8.8 48.8

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

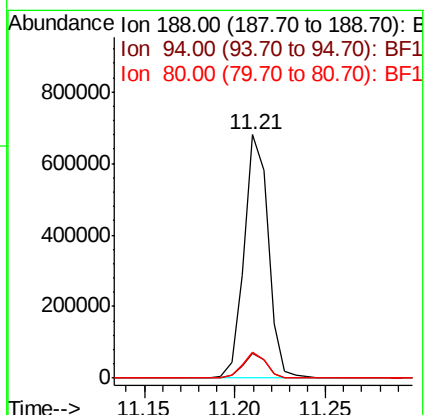
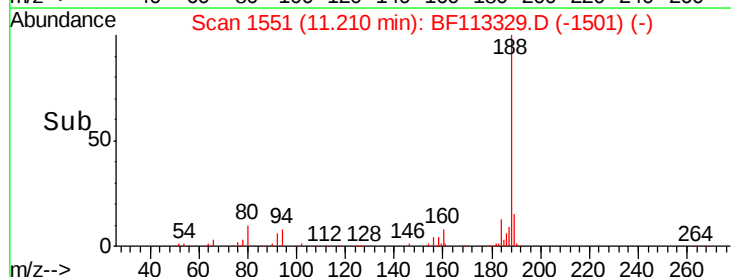
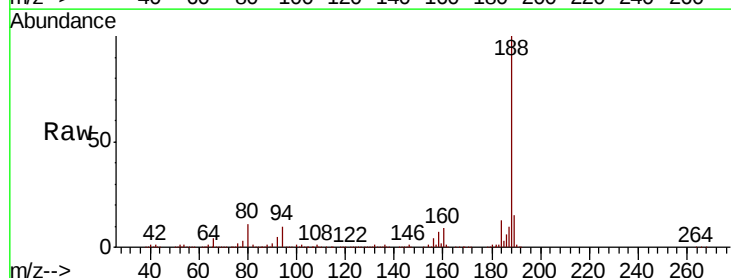
Tgt Ion: 188 Resp: 632254

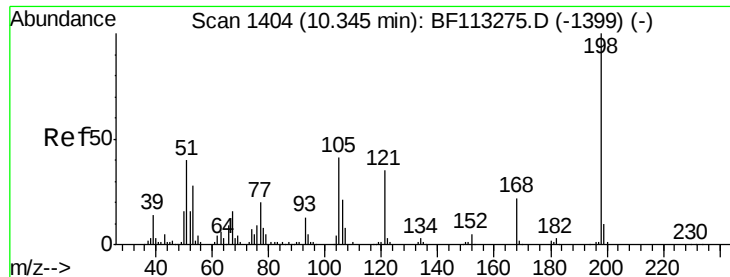
Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.6

80 10.6 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 11.384 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

ClientSampleId :

TT-001-IDWSO-20190325MS

Tot Ion:198 Resp: 39374

Ion Ratio Lower Upper

198 100

51 41.9 21.6 61.6

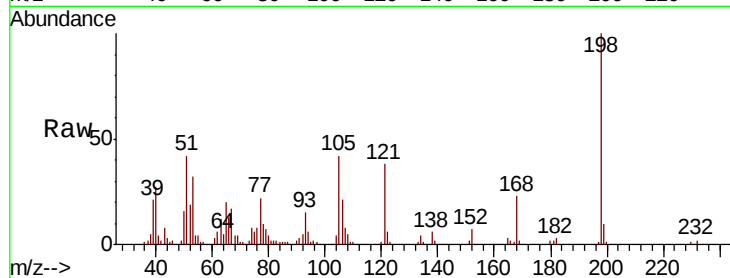
105 42.3 20.6 60.6

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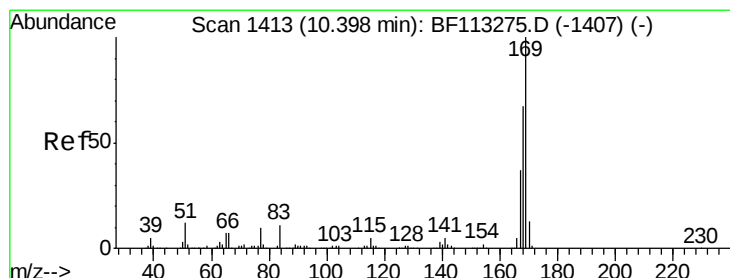
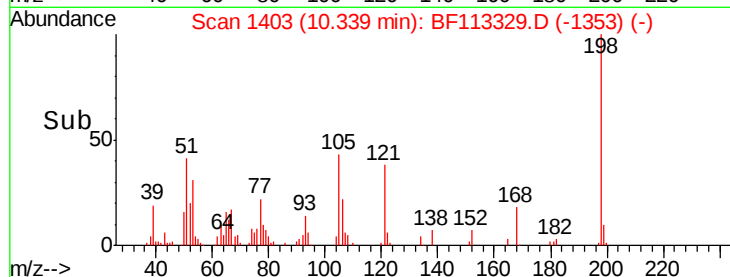
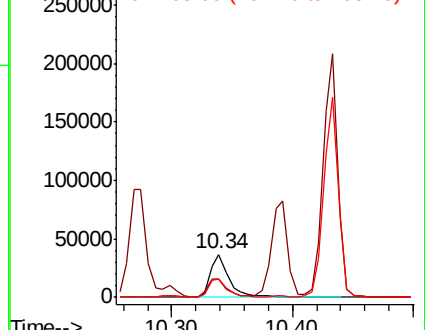
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 30.248 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

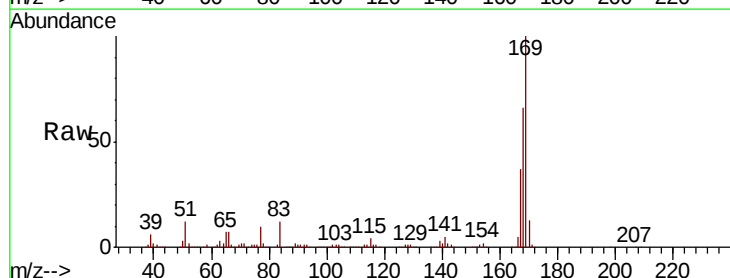
Tgt Ion:169 Resp: 586830

Ion Ratio Lower Upper

169 100

168 66.2 53.7 80.5

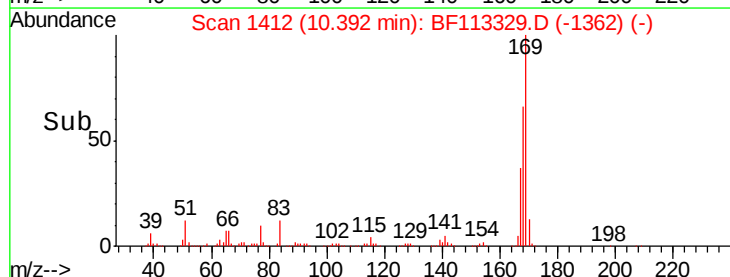
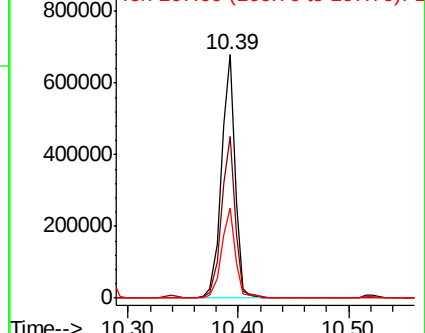
167 36.8 29.5 44.3

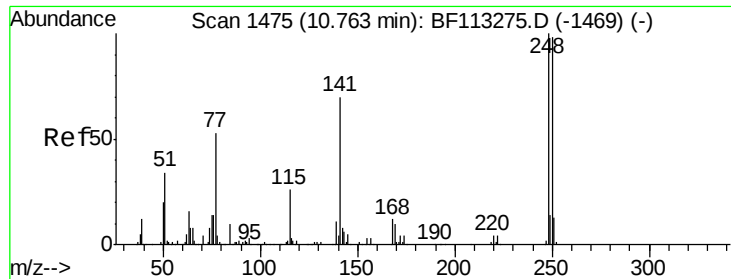


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





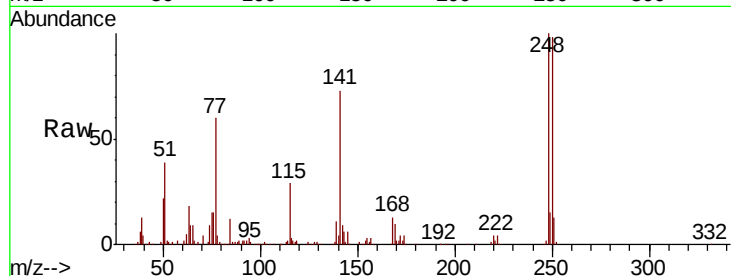
#67
4-Bromophenyl-phenylether
Concen: 28.762 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.3	117.5
141	72.7	56.2	84.4

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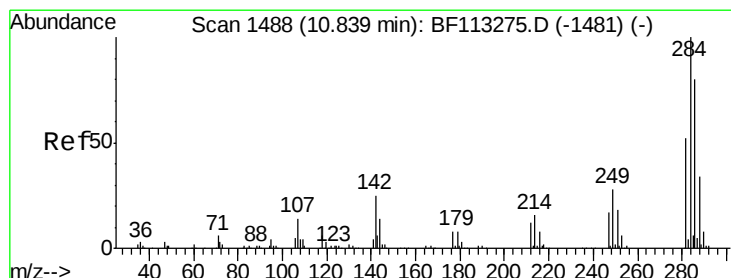
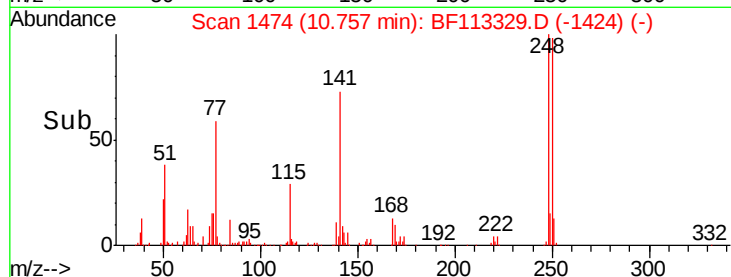
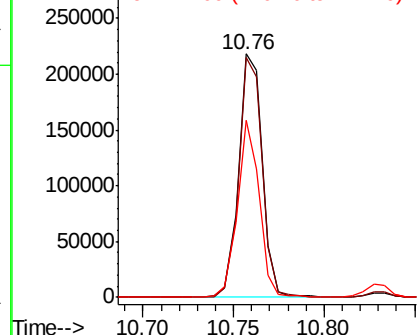


Abundance

Ion 248.00 (247.70 to 248.70): E

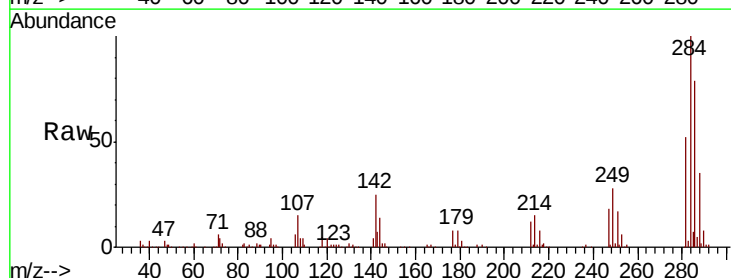
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 29.281 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.4	20.1	30.1
249	27.6	22.7	34.1

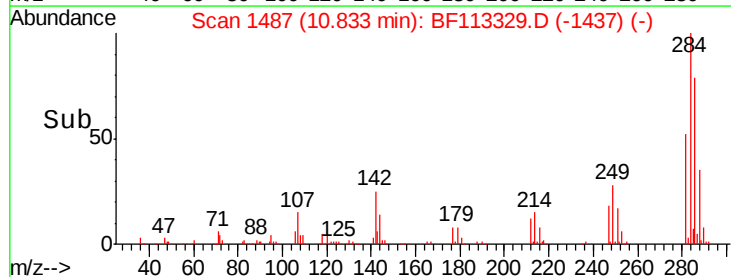
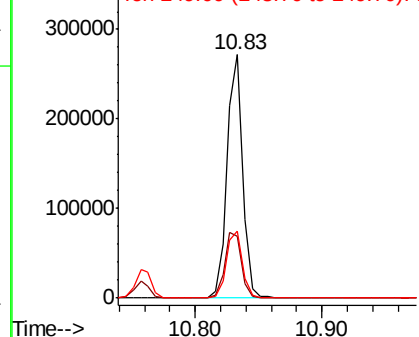


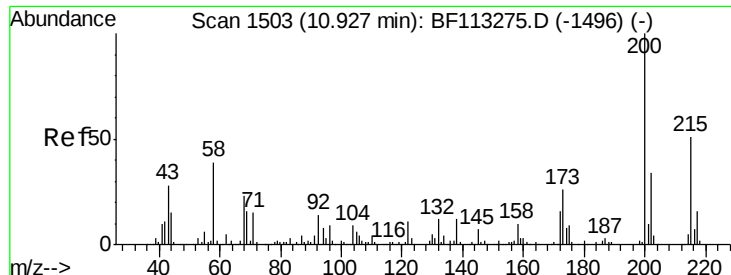
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





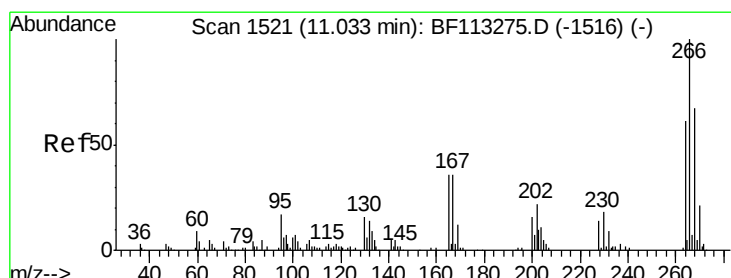
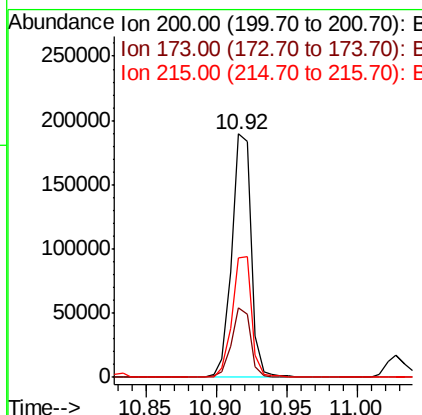
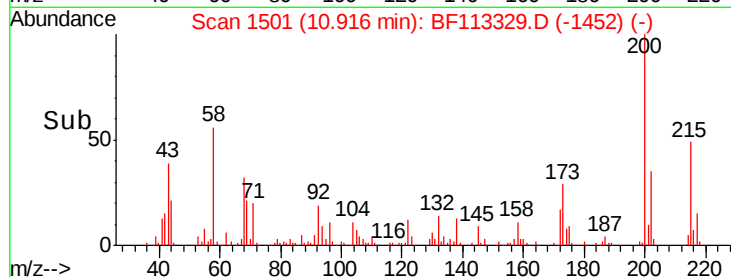
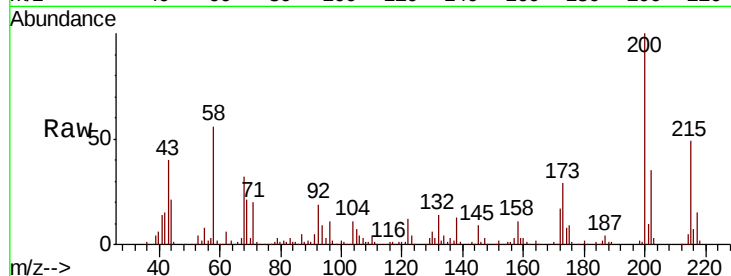
#69
Atrazine
Concen: 29.706 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	181907		
173	28.8	6.0	46.0	
215	48.9	31.3	71.3	

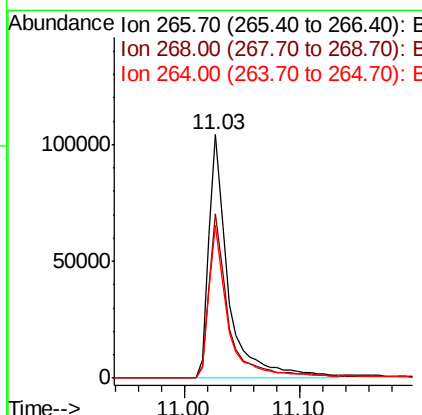
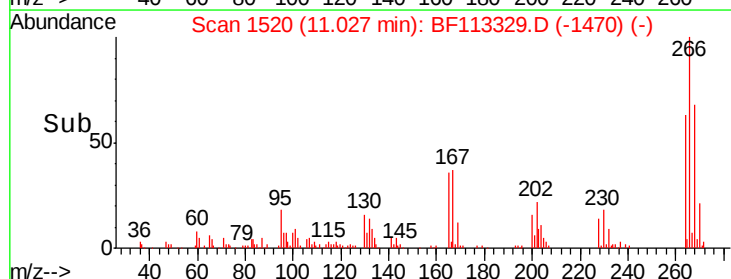
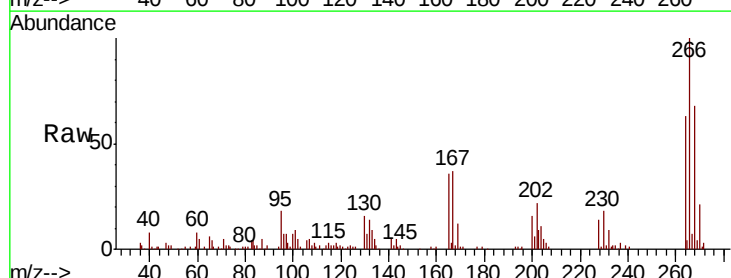
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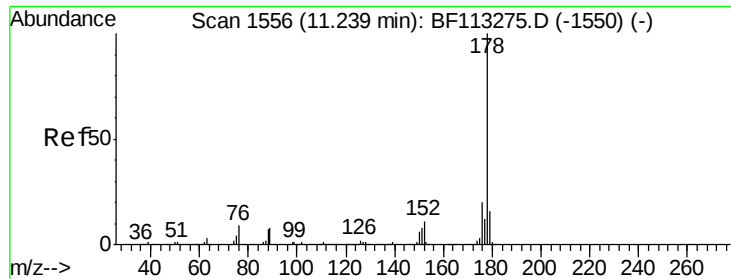
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#70
Pentachlorophenol
Concen: 29.891 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	124568		
268	67.7	53.8	80.6	
264	62.8	49.2	73.8	





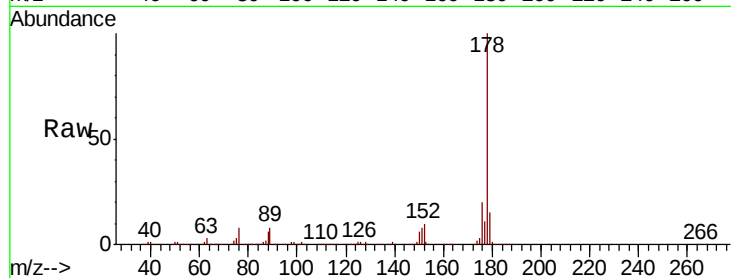
#71
Phenanthrene
Concen: 29.560 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.2
179	15.2	12.7	19.1

Manual Integrations
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3/28/2019 8:41:43 AM

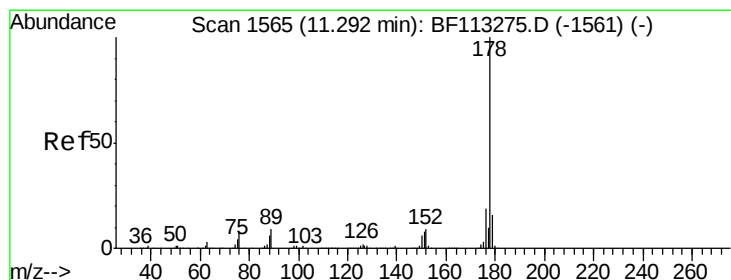
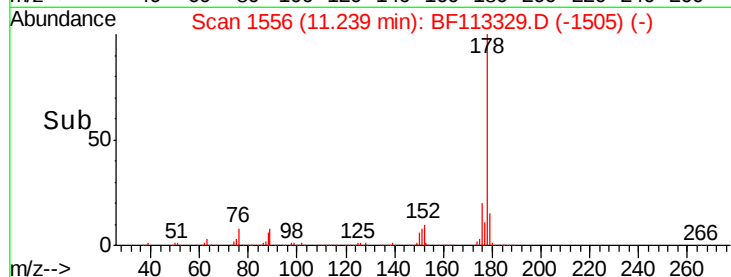
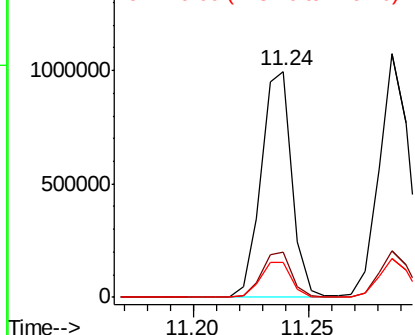


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 30.665 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

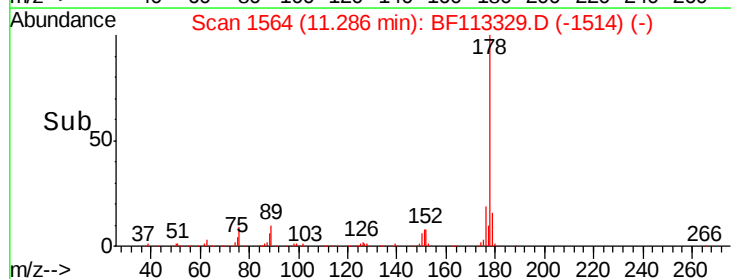
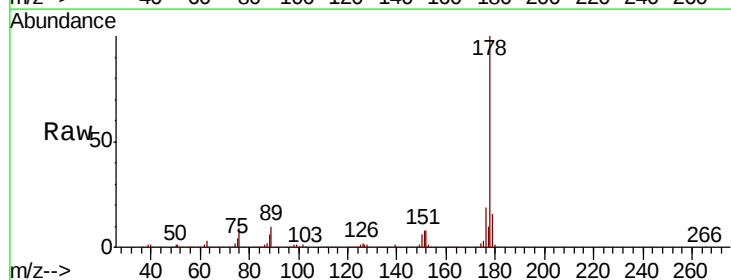
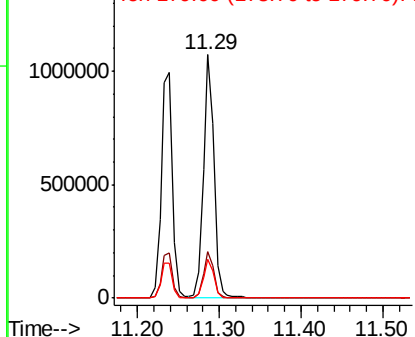
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.8	19.2

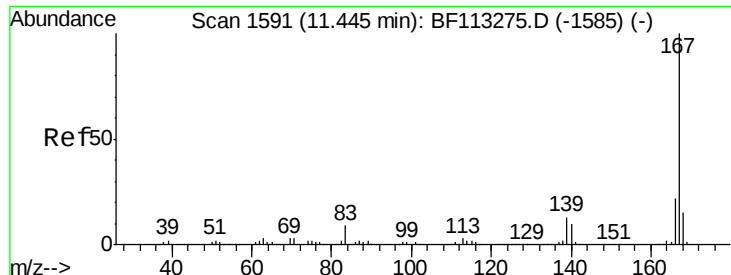
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





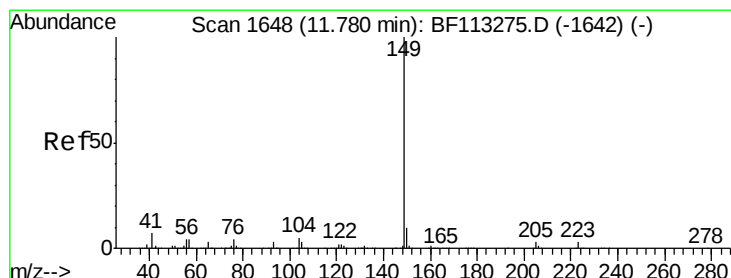
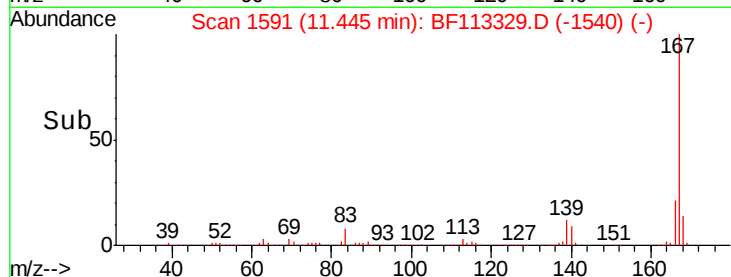
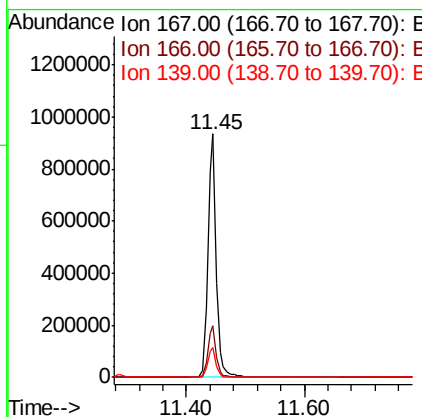
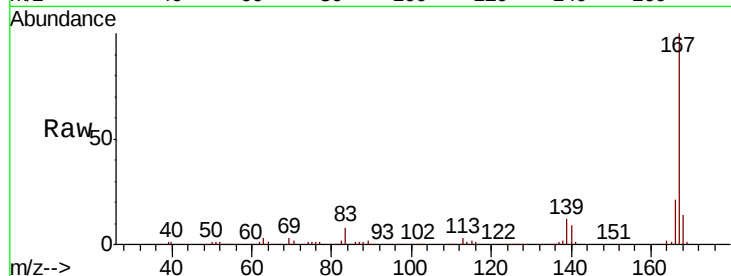
#73
 Carbazole
 Concen: 30.053 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	12.3	10.4	15.6

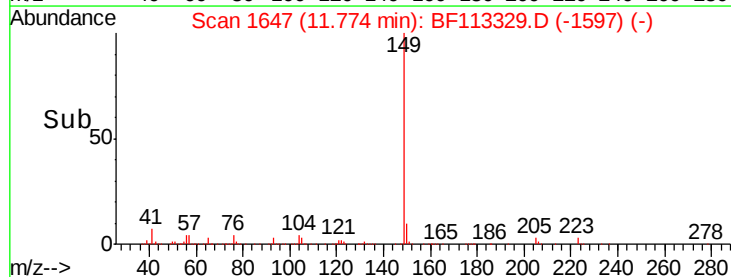
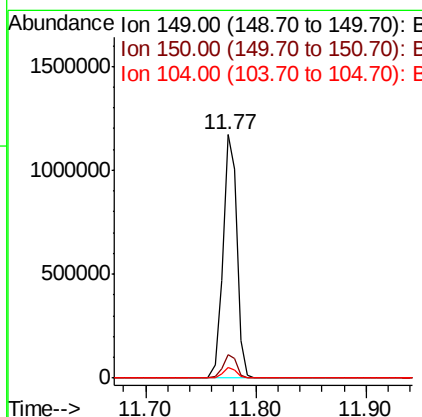
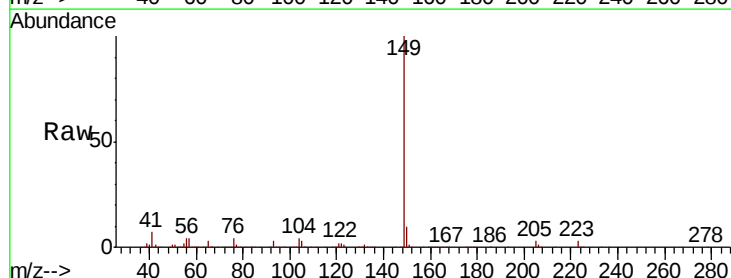
Manual Integrations
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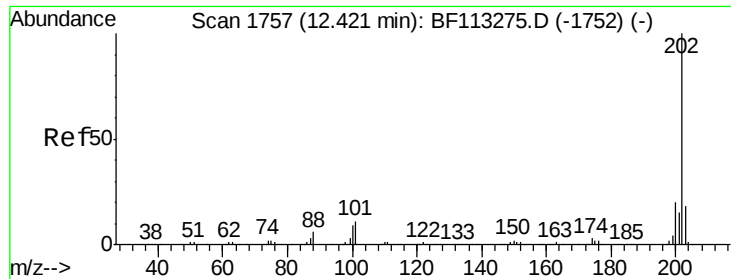
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 3/28/2019 8:41:43 AM



#74
 Di-n-butylphthalate
 Concen: 29.266 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 27.609 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

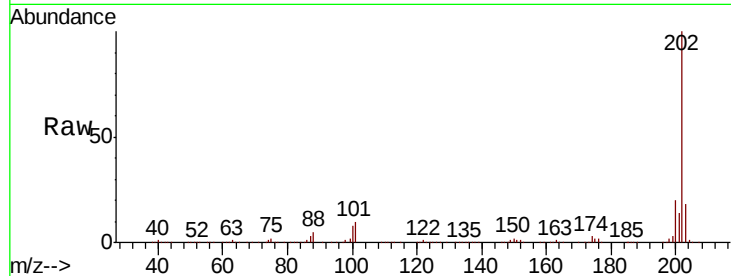
ClientSampleId :

TT-001-IDWSO-20190325MS

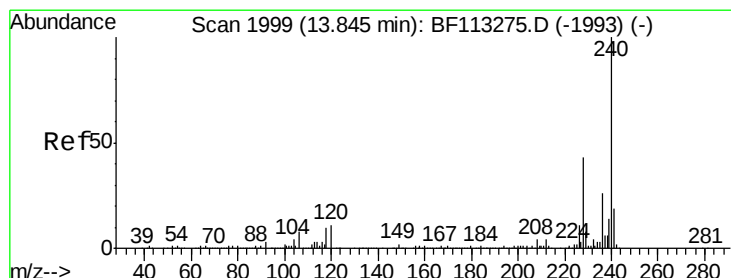
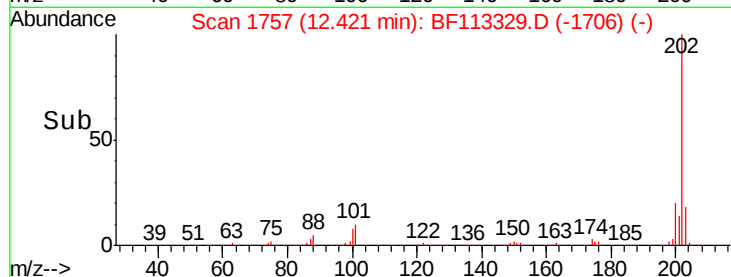
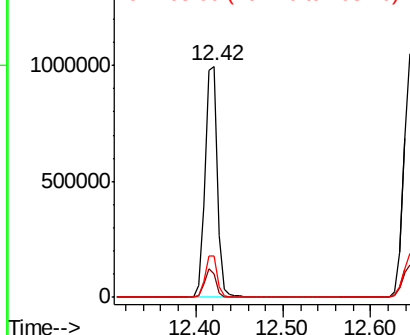
Tot Ion	Ratio	Resp	Lower	Upper
202	100	979974		
101	10.1	0.0	31.4	
203	17.6	0.0	38.0	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

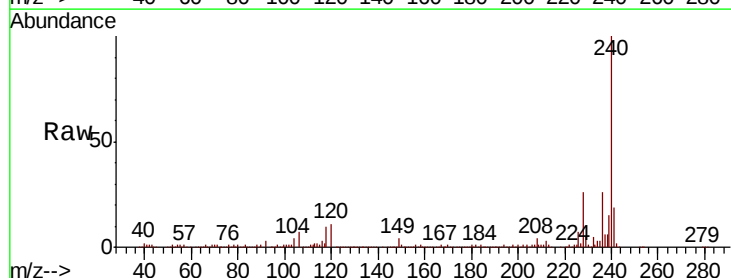
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

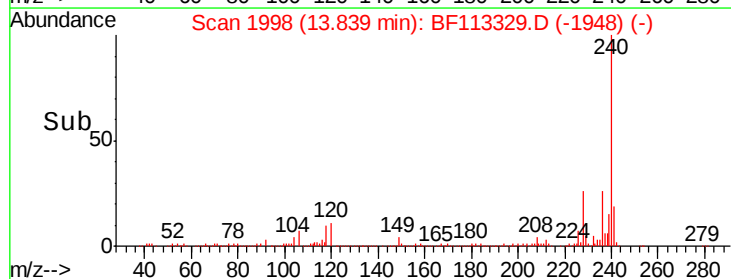
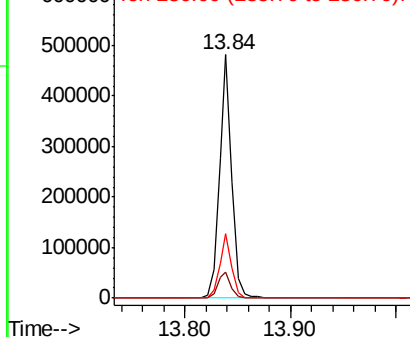
Lab File: BF113329.D

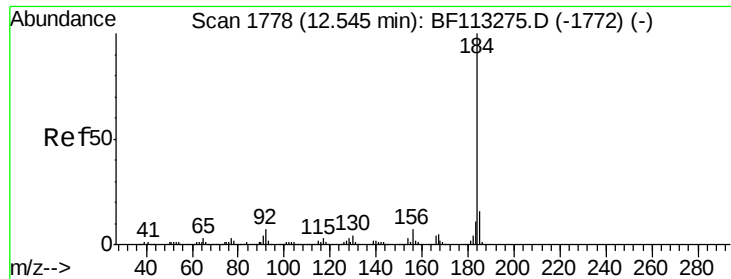
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	392049		
120	10.9	8.8	13.2	
236	26.2	20.9	31.3	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.512 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

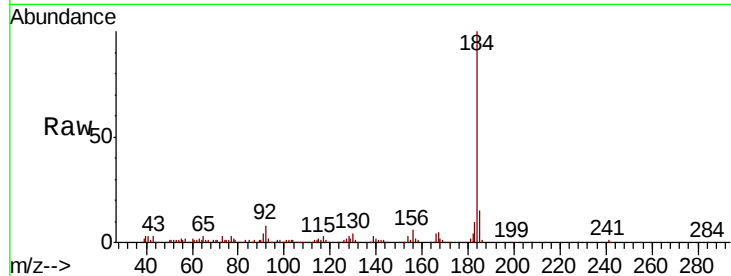
ClientSampleId :

TT-001-IDWSO-20190325MS

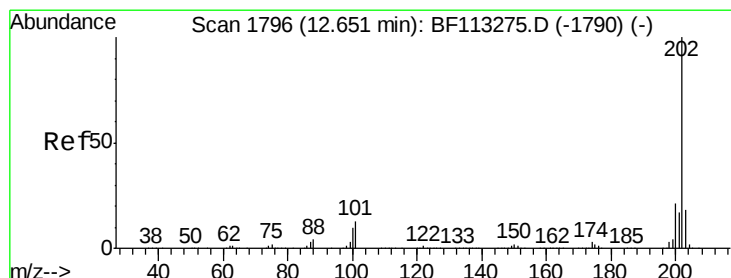
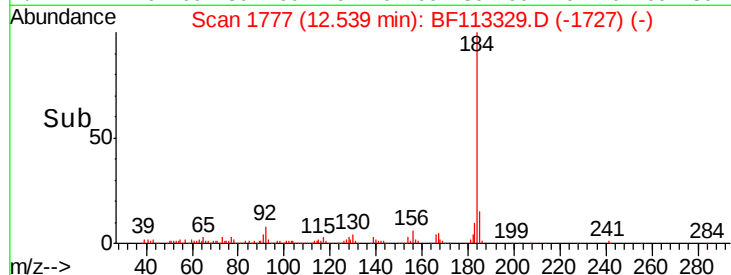
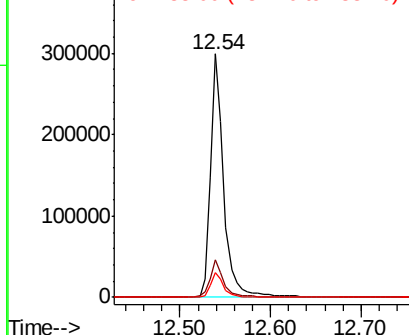
Tot Ion:	184	Resp:	307949
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.0	19.6
183	10.4	9.0	13.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.792 ng

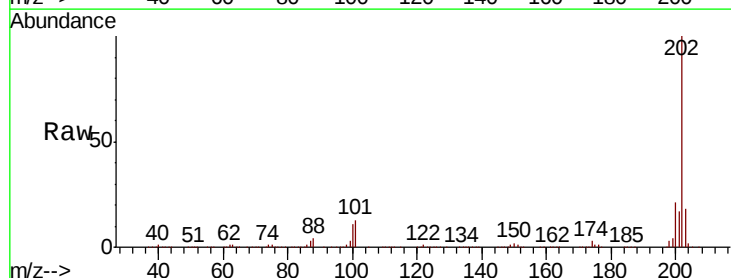
RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

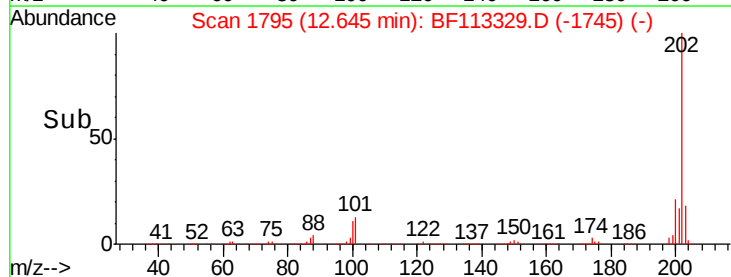
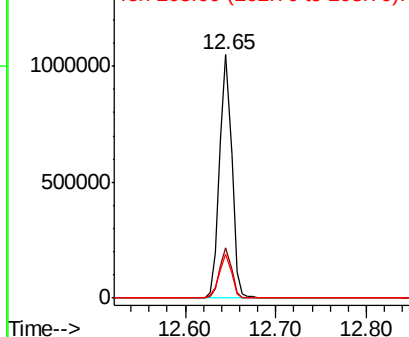
Lab File: BF113329.D

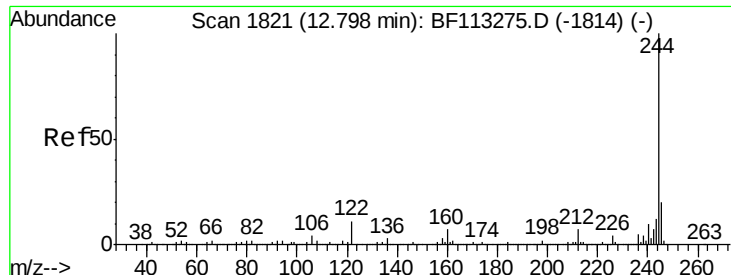
Acq: 27 Mar 2019 14:25

Tgt Ion:	202	Resp:	972387
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	18.2	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





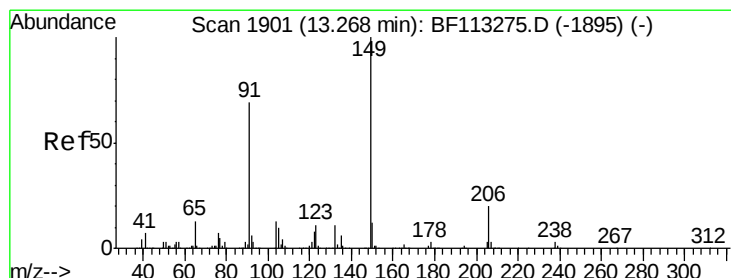
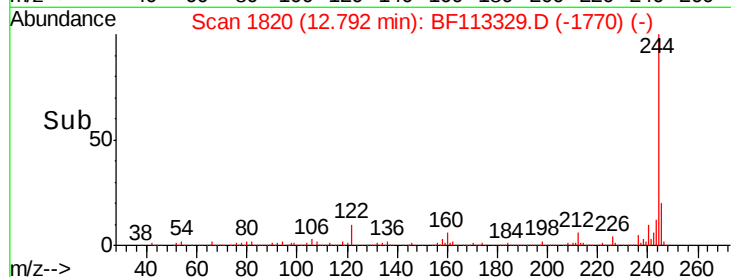
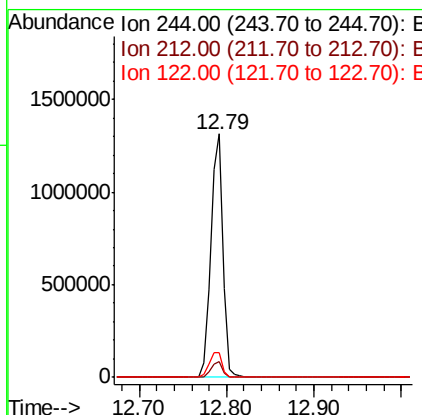
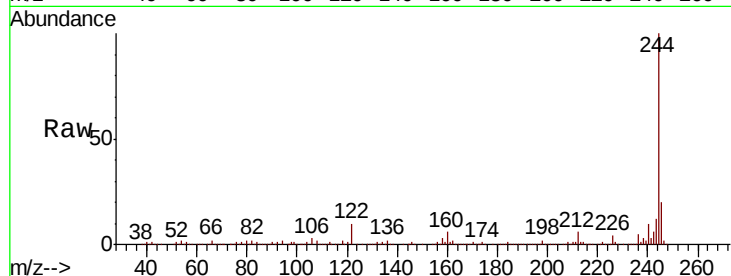
#79
 Terphenyl-d14
 Concen: 70.589 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	10.2	8.6	13.0

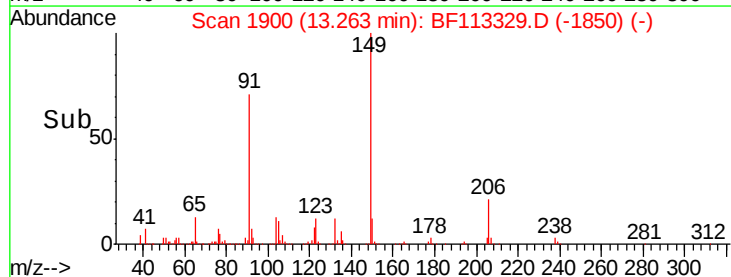
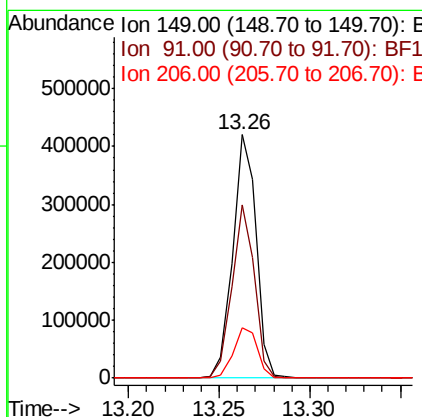
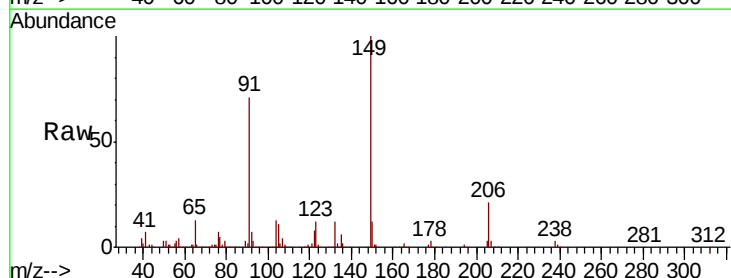
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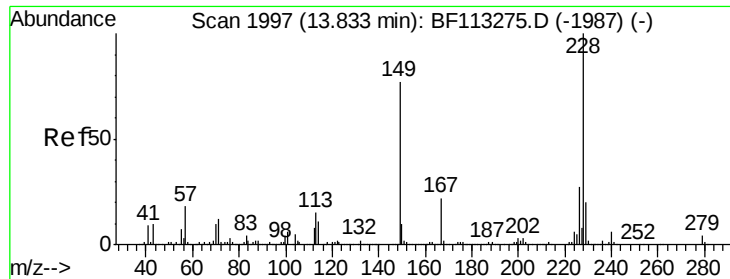
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#80
 Butylbenzylphthalate
 Concen: 31.506 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF113329.D
 Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.0	55.2	82.8
206	20.5	16.1	24.1





#81

Benzo(a)anthracene

Concen: 28.844 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113329.D

Acq: 27 Mar 2019 14:25

Instrument :

BNA_F

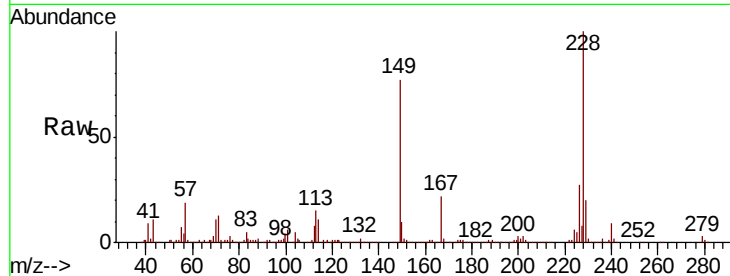
ClientSampleId :

TT-001-IDWSO-20190325MS

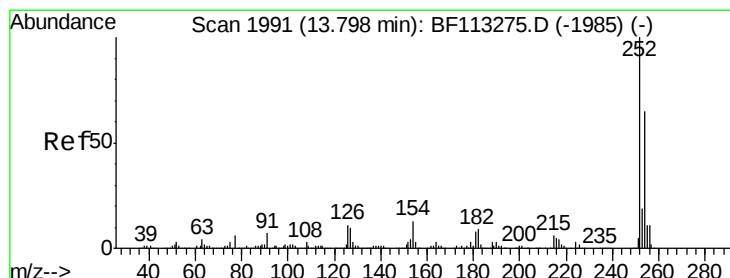
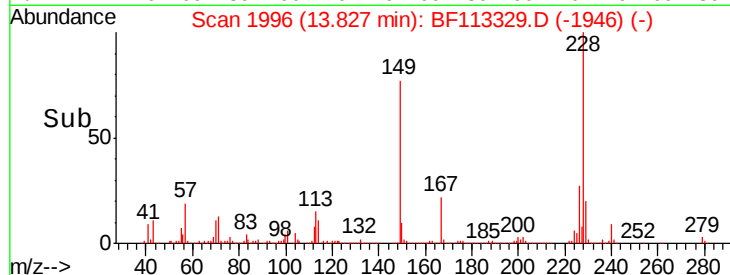
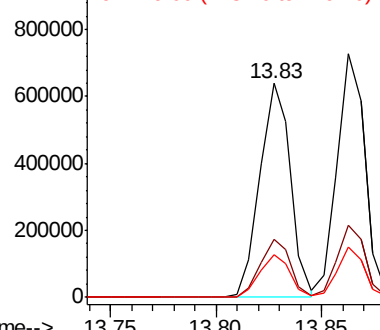
Tot Ion:	228	Resp:	647295
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.8
229	19.8	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
1000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.503 ng

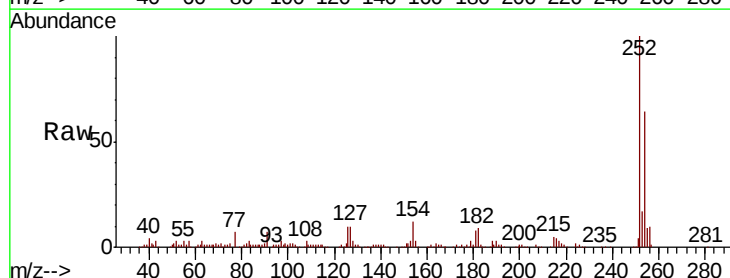
RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

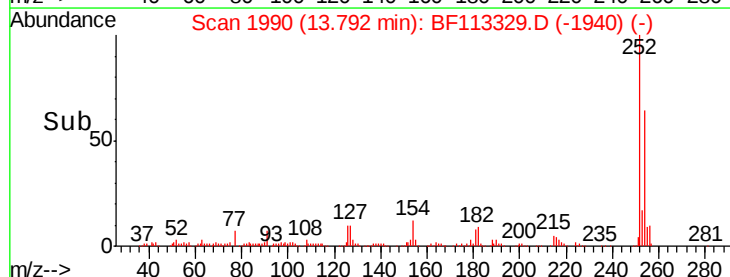
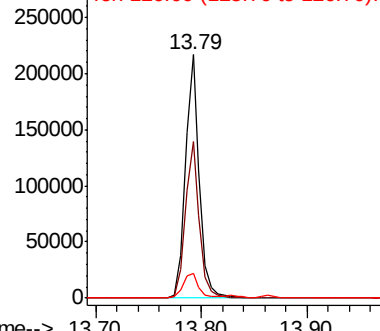
Lab File: BF113329.D

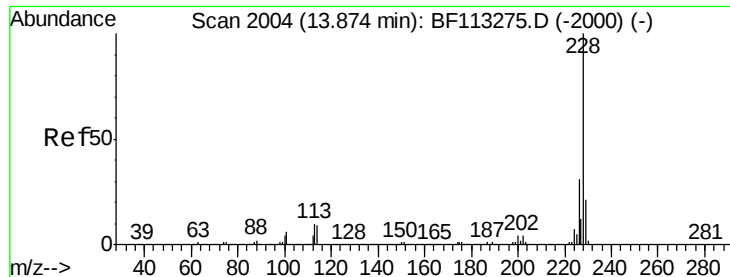
Acq: 27 Mar 2019 14:25

Tgt Ion:	252	Resp:	202590
Ion Ratio	Lower	Upper	
252	100		
254	64.2	52.2	78.2
126	10.3	8.5	12.7



Abundance Ion 252.00 (251.70 to 252.70): E
300000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





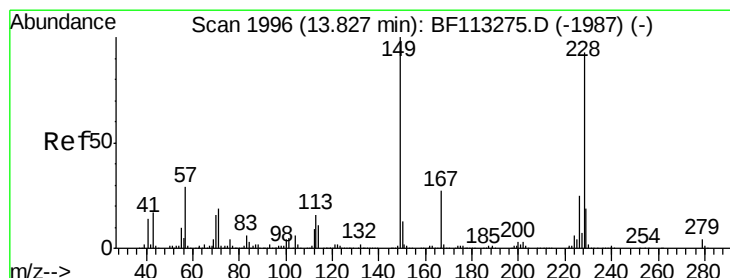
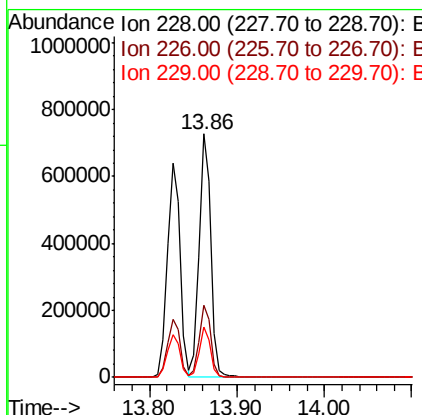
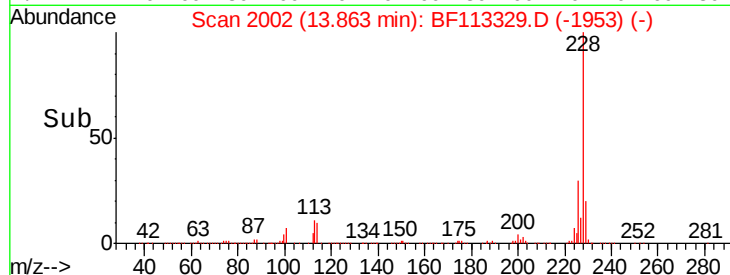
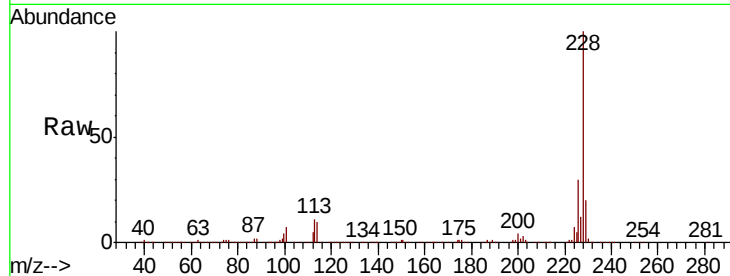
#83
Chrvsene
Concen: 29.768 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.3	36.5
229	20.5	16.3	24.5

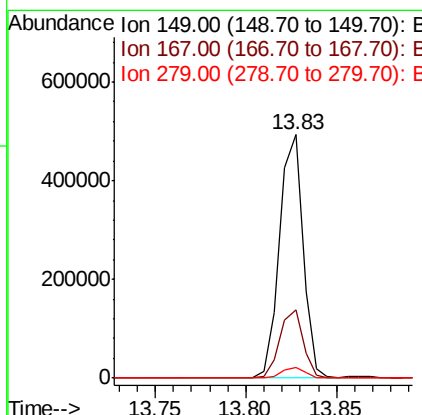
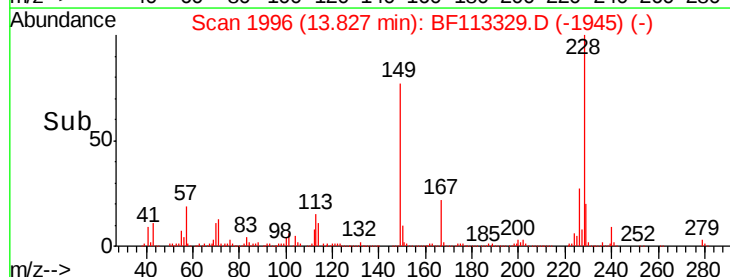
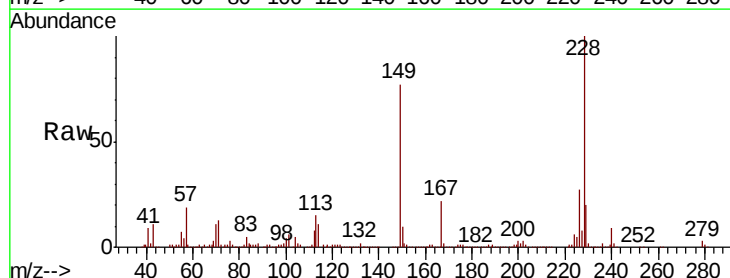
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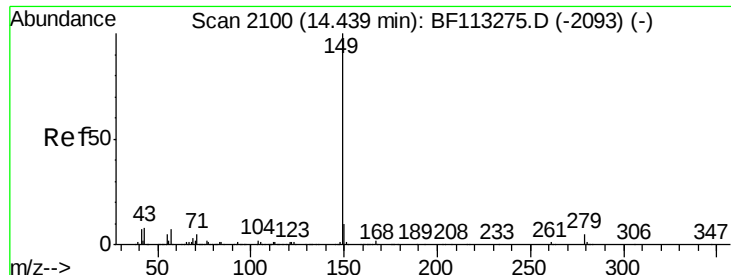
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 30.523 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.8
279	4.4	2.9	4.3#





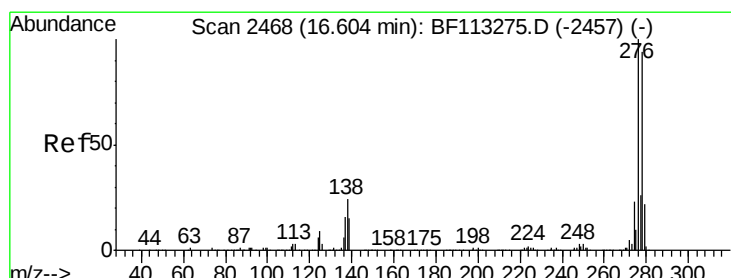
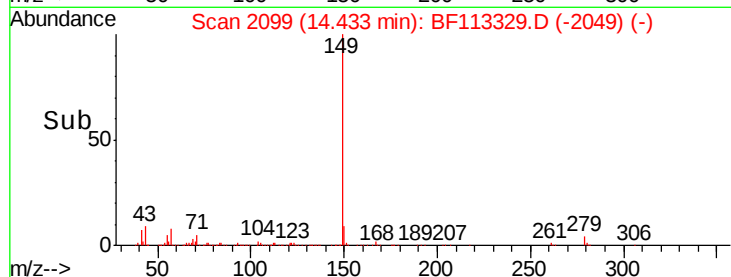
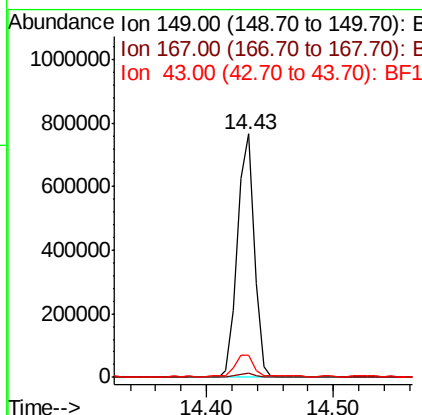
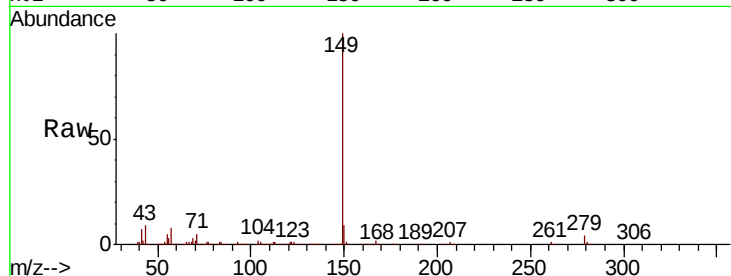
#85
Di-n-octyl phthalate
Concen: 27.865 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	694251		
167	1.6		1.3	1.9
43	9.8		7.7	11.5

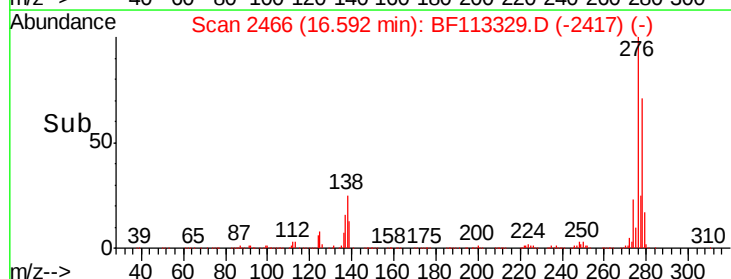
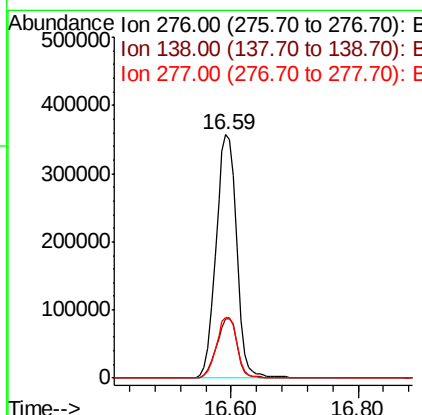
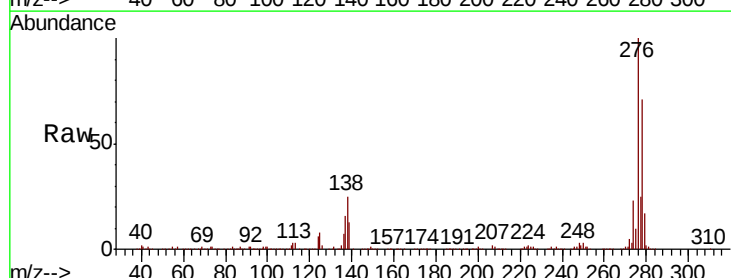
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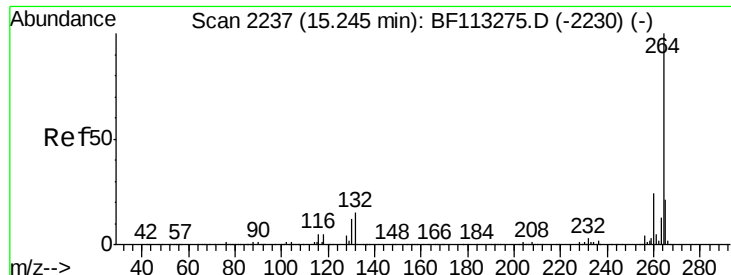
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.910 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	819866		
138	24.4		18.1	27.1
277	25.1		20.2	30.4





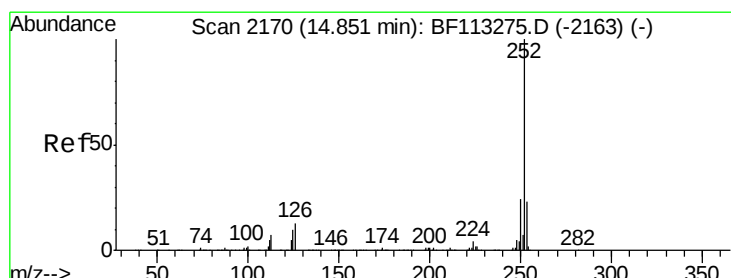
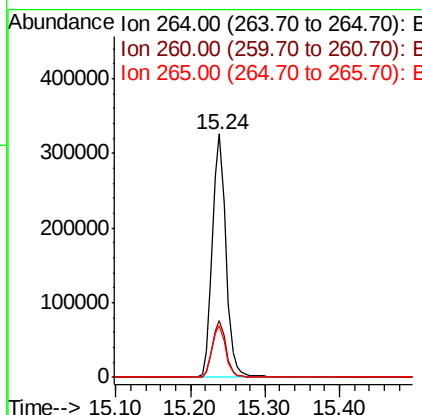
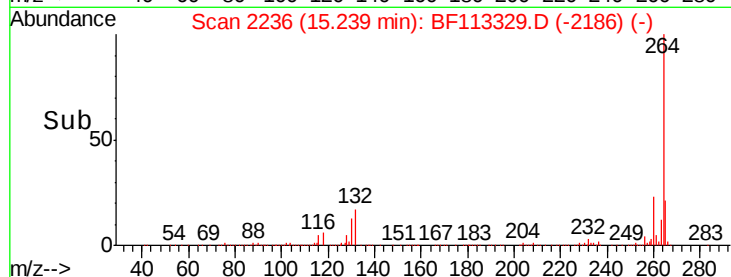
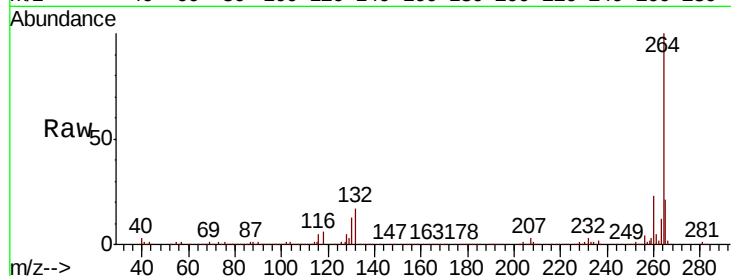
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.3	17.1	25.7

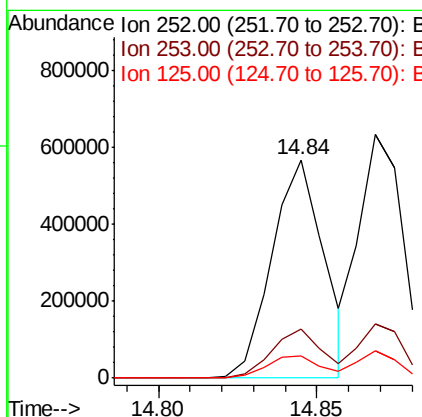
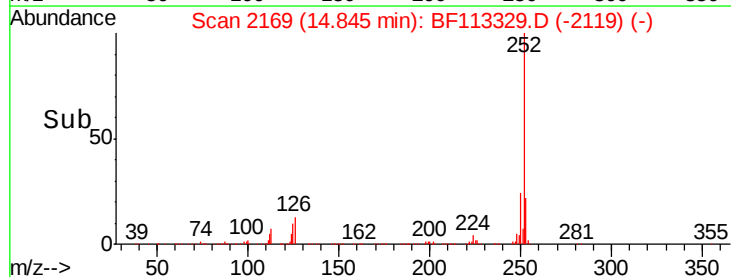
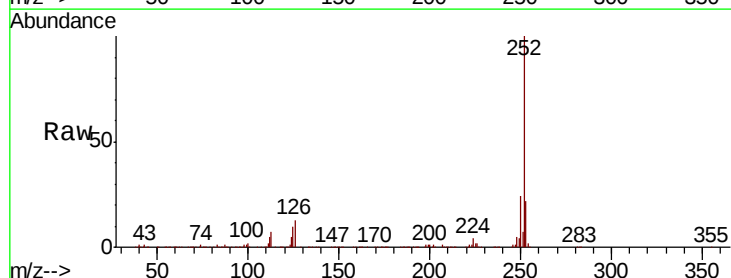
Manual Integrations
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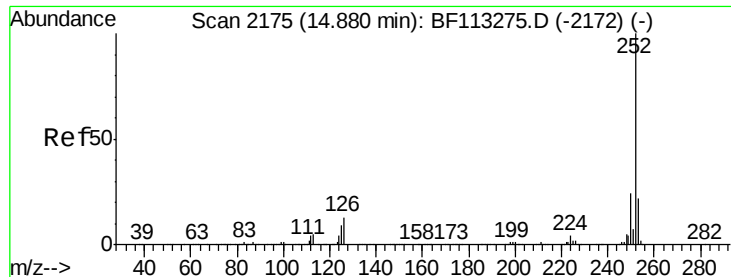
Sohil
3/28/2019 8:41:43 AM



#88
Benzo(b)fluoranthene
Concen: 25.364 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.3	7.6	11.4





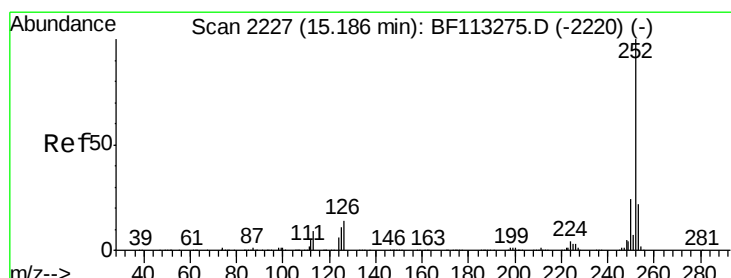
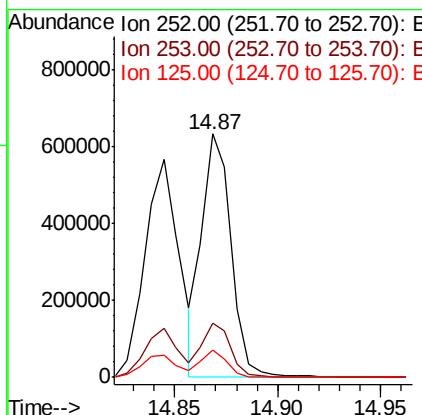
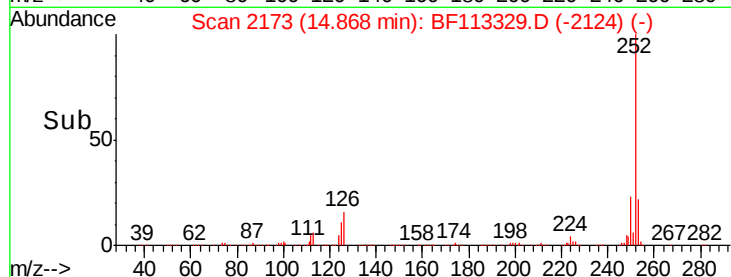
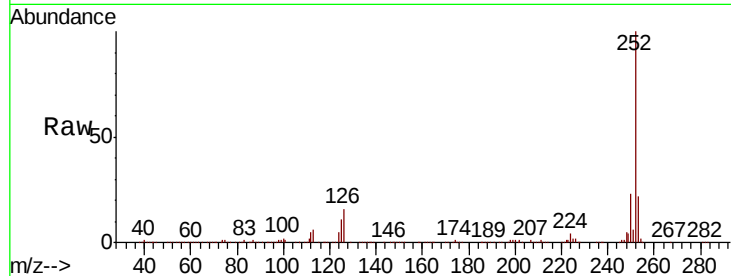
#89
Benzo(k)fluoranthene
Concen: 27.872 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.1	7.3	10.9

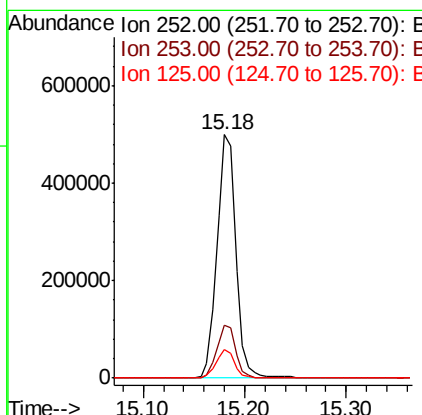
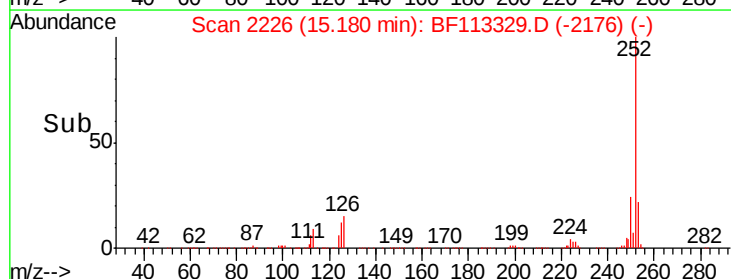
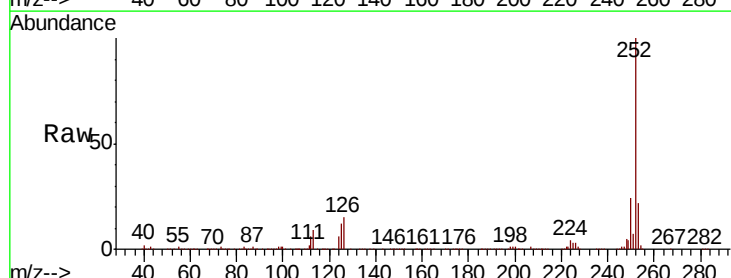
Manual Integrations
APPROVED

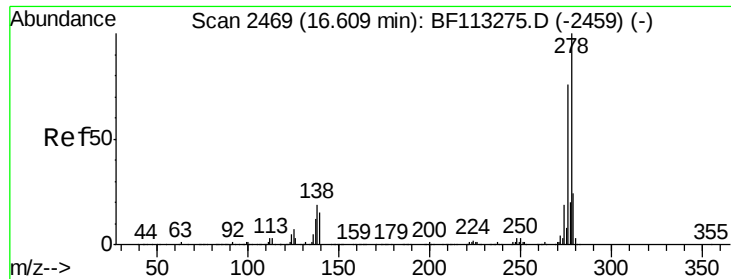
Sohil
3/28/2019 8:41:43 AM



#90
Benzo(a)pyrene
Concen: 28.655 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.7	8.8	13.2





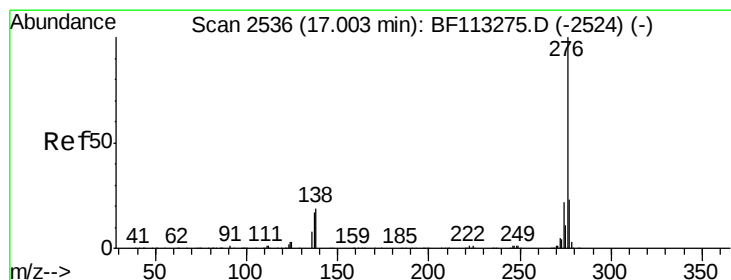
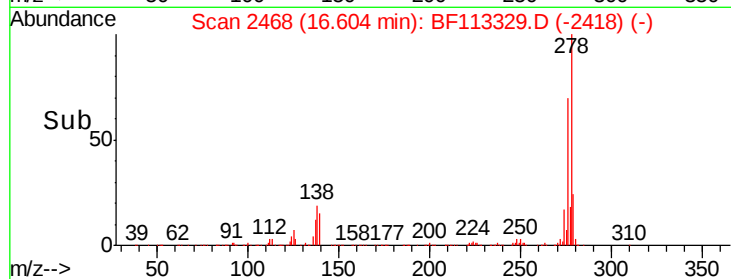
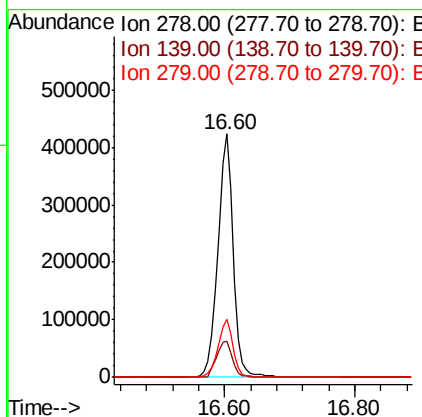
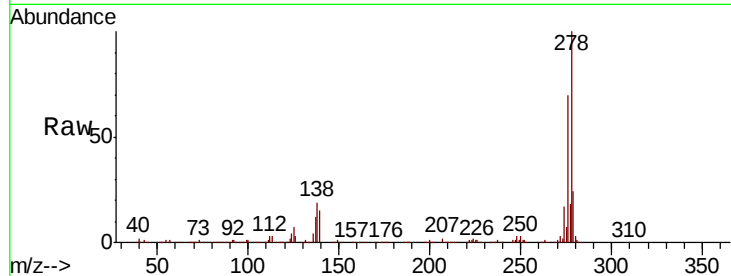
#91
Dibenzo(a,h)anthracene
Concen: 35.318 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Instrument :
BNA_F
ClientSampleId :
TT-001-IDWSO-20190325MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.0	18.0
279	23.7	19.0	28.6

Manual Integrations
APPROVED

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3/28/2019 8:41:43 AM



#92
Benzo(g,h,i)perylene
Concen: 35.598 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF113329.D
Acq: 27 Mar 2019 14:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.4	15.6	23.4

