

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113382.D
 Acq On : 28 Mar 2019 19:05
 Operator : JU/SJ
 Sample : K2107-15MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD

Manual Integrations
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Sohil
 3/29/2019 4:47:21 PM

Quant Time: Mar 29 02:38:28 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	175374	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	681209	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	348473	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	748903	20.00	ng	0.00
76) Chrysene-d12	13.84	240	637101	20.00	ng	0.00
87) Perylene-d12	15.24	264	593330	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1067520	99.53	ng	0.00
7) Phenol-d6	6.36	99	1384677	102.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	856985	74.67	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	466839	108.46	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1644297	71.07	ng	0.00
79) Terphenyl-d14	12.79	244	2079656	71.95	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	161761	29.726	ng	97
3) Pyridine	3.14	79	167517	12.487	ng	96
4) n-Nitrosodimethylamine	3.03	42	187513	31.442	ng	93
6) Aniline	6.36	93	318907	19.301	ng	# 75
8) 2-Chlorophenol	6.49	128	432240	34.704	ng	97
9) Benzaldehyde	6.25	77	105677	11.607	ng	98
10) Phenol	6.37	94	520492	33.602	ng	79
11) bis(2-Chloroethyl)ether	6.44	93	412430	34.735	ng	99
12) 1,3-Dichlorobenzene	6.65	146	448141	33.380	ng	98
13) 1,4-Dichlorobenzene	6.72	146	457040	35.257	ng	98
14) 1,2-Dichlorobenzene	6.87	146	426409	33.436	ng	97
15) Benzyl Alcohol	6.85	79	333171	37.221	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	653032	36.610	ng	89
17) 2-Methylphenol	6.97	107	355638	36.435	ng	97
18) Hexachloroethane	7.22	117	163511	35.119	ng	94
19) n-Nitroso-di-n-propylamine	7.12	70	293557	34.444	ng	98
20) 3+4-Methylphenols	7.13	107	442150	38.327	ng	93
22) Acetophenone	7.12	105	582765	37.512	ng	# 98
24) Nitrobenzene	7.29	77	449844	37.561	ng	98
25) Isophorone	7.53	82	847920	38.122	ng	99
26) 2-Nitrophenol	7.60	139	240104	37.928	ng	93
27) 2,4-Dimethylphenol	7.65	122	397177	43.615	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	542368	38.722	ng	99
29) 2,4-Dichlorophenol	7.85	162	388034	39.321	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	399896	37.560	ng	99
31) Naphthalene	8.00	128	1253811	37.664	ng	99
32) Benzoic acid	7.75	122	16595m	2.264	ng	
33) 4-Chloroaniline	8.06	127	311949	24.031	ng	99
34) Hexachlorobutadiene	8.13	225	233825	36.951	ng	99
35) Caprolactam	8.43	113	121407m	38.333	ng	
36) 4-Chloro-3-methylphenol	8.56	107	405119	40.815	ng	99
37) 2-Methylnaphthalene	8.70	142	856288	41.225	ng	99
38) 1-Methylnaphthalene	8.80	142	812304	40.658	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	398227	35.601	ng	98

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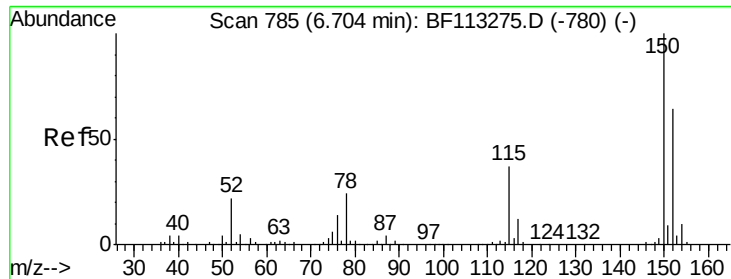
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	371958	78.560	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	281358	38.626	nq	97
44) 2,4,5-Trichlorophenol	9.03	196	300456	37.271	nq	99
46) 1,1'-Biphenyl	9.16	154	1060185	36.427	nq	100
47) 2-Chloronaphthalene	9.19	162	813979	36.324	nq	98
48) 2-Nitroaniline	9.28	65	267574	38.049	nq	96
49) Acenaphthylene	9.60	152	1324666	36.560	nq	99
50) Dimethylphthalate	9.46	163	1108716	42.932	nq	99
51) 2,6-Dinitrotoluene	9.53	165	225657	38.733	nq	93
52) Acenaphthene	9.77	154	762661	37.377	nq	100
53) 3-Nitroaniline	9.69	138	209781	31.930	nq	91
54) 2,4-Dinitrophenol	9.81	184	108783	37.542	nq	# 87
55) Dibenzofuran	9.94	168	1163134	37.918	nq	100
56) 4-Nitrophenol	9.87	139	329769	70.403	nq	96
57) 2,4-Dinitrotoluene	9.93	165	289756	39.109	nq	98
58) Fluorene	10.28	166	894304	37.529	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	267654	39.262	nq	98
60) Diethylphthalate	10.16	149	1016633	40.129	nq	98
61) 4-Chlorophenyl-phenylether	10.27	204	453868	39.079	nq	95
62) 4-Nitroaniline	10.31	138	267339	39.521	nq	97
63) Azobenzene	10.43	77	944313	39.598	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	111172	27.136	nq	98
66) n-Nitrosodiphenylamine	10.40	169	845885	36.809	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	307189	37.635	nq	94
68) Hexachlorobenzene	10.83	284	356112	37.586	nq	96
69) Atrazine	10.92	200	294301	40.574	nq	95
70) Pentachlorophenol	11.03	266	283531	57.439	nq	100
71) Phenanthrene	11.24	178	1396900	37.561	nq	100
72) Anthracene	11.29	178	1445867	38.275	nq	100
73) Carbazole	11.45	167	1409590	39.105	nq	99
74) Di-n-butylphthalate	11.78	149	1727369	41.324	nq	100
75) Fluoranthene	12.42	202	1620024	38.532	nq	99
77) Benzidine	12.54	184	44047	1.805	nq	96
78) Pyrene	12.65	202	1624044	36.786	nq	100
80) Butylbenzylphthalate	13.27	149	792795	40.746	nq	94
81) Benzo(a)anthracene	13.83	228	1314440	36.043	nq	100
82) 3,3'-Dichlorobenzidine	13.79	252	485225	33.166	nq	99
83) Chrysene	13.87	228	1385696	37.409	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	986459	41.357	nq	99
85) Di-n-octyl phthalate	14.43	149	1835115	45.326	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1283984	40.389	nq	98
88) Benzo(b)fluoranthene	14.85	252	1399246	37.964	nq	99
89) Benzo(k)fluoranthene	14.88	252	1231501	38.047	nq	100
90) Benzo(a)pyrene	15.19	252	1251588	38.303	nq	99
91) Dibenzo(a,h)anthracene	16.61	278	1081307	38.272	nq	98
92) Benzo(g,h,i)perylene	17.01	276	1084153	38.057	nq	99

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



#1

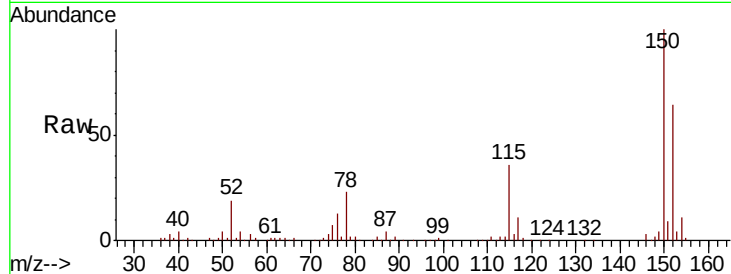
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.7	187.1
115	56.0	46.0	69.0

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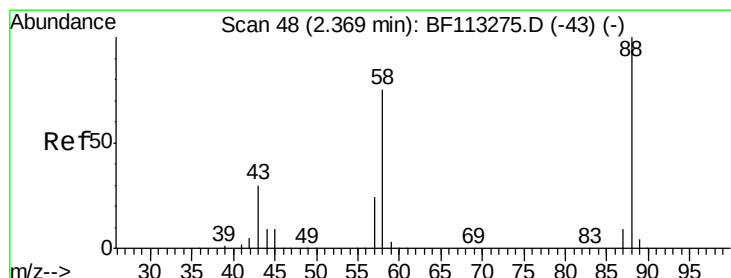
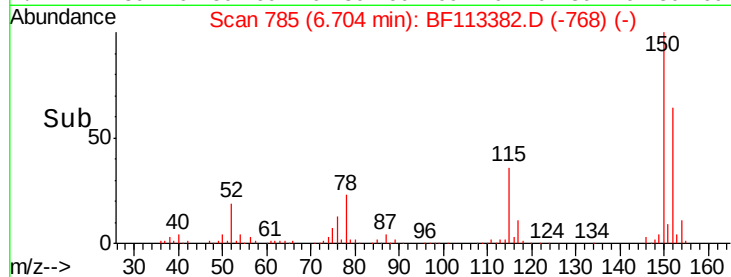
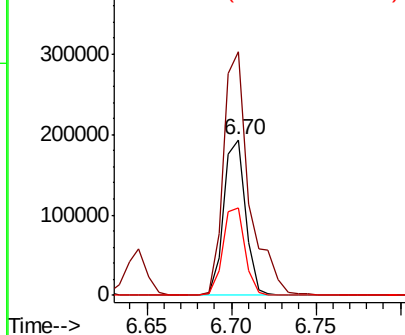


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

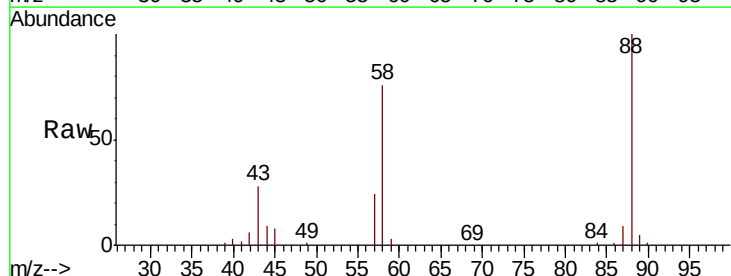
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.726 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.03 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	61.9	92.9
43	27.3	24.2	36.4

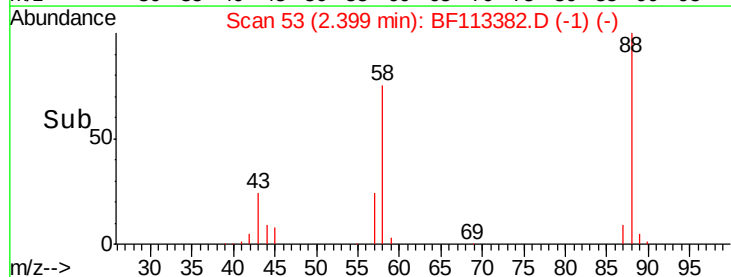
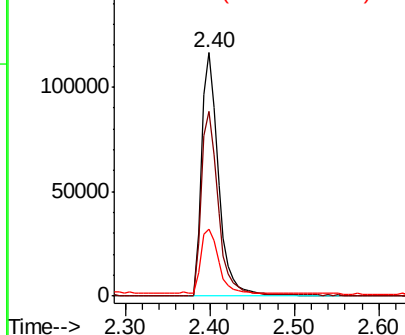


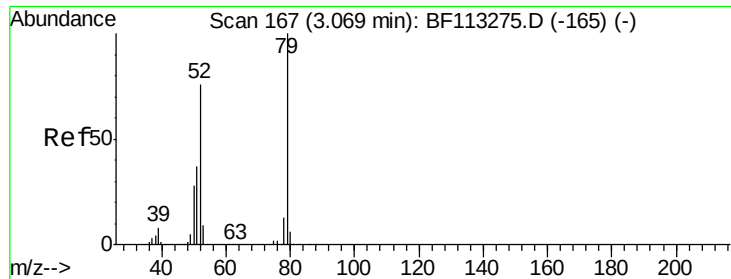
Abundance

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: 12.487 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.07 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

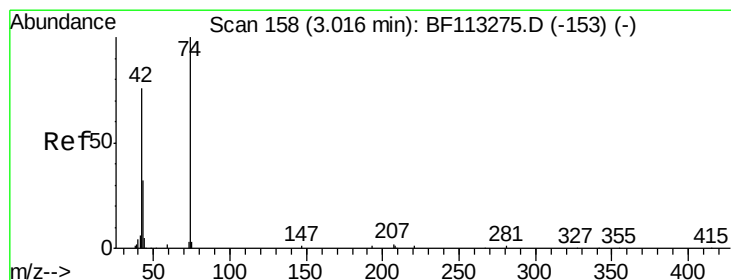
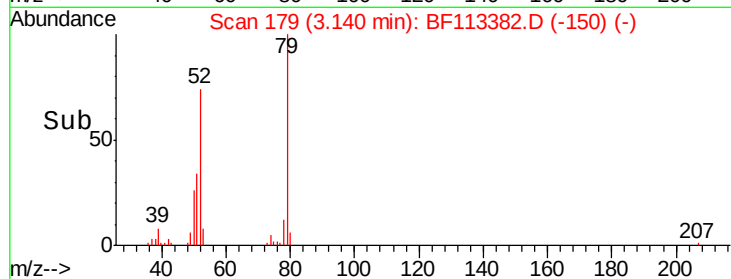
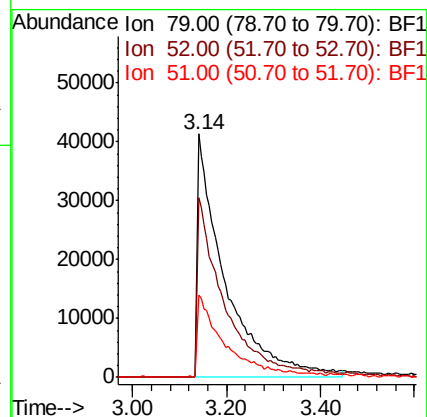
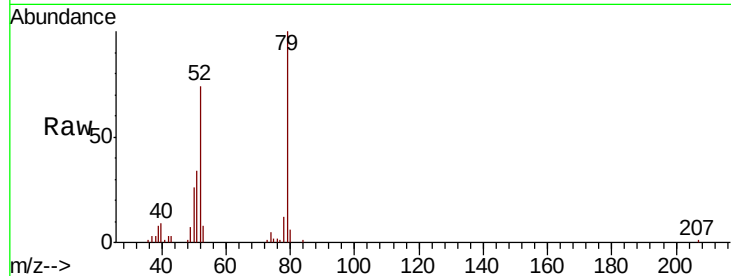
ClientSampled :

TP-8MSD

Tot Ion:	79	Resp:	167517
Ion Ratio	Lower	Upper	
79	100		
52	73.8	61.0	91.4
51	33.7	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 31.442 ng

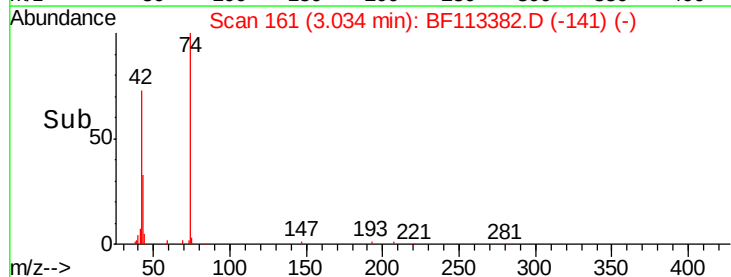
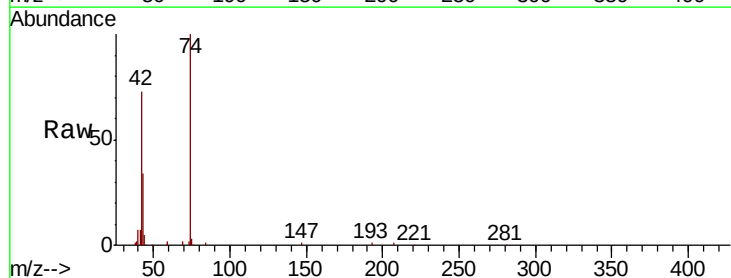
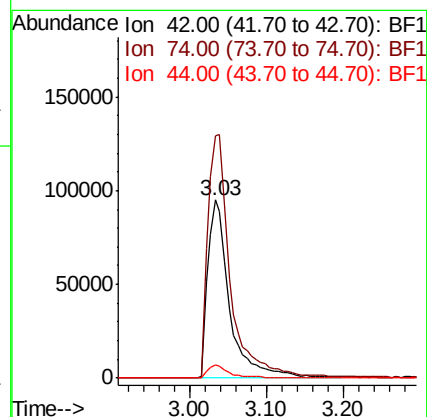
RT: 3.03 min Scan# 161

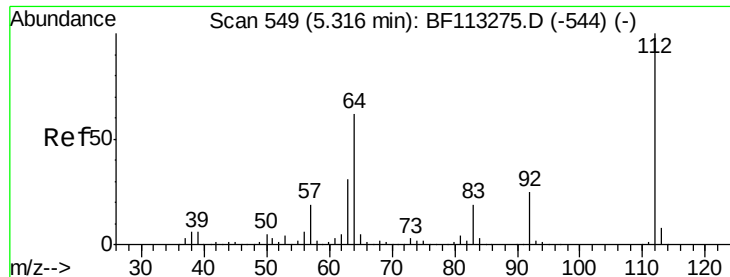
Delta R.T. 0.02 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Tgt Ion:	42	Resp:	187513
Ion Ratio	Lower	Upper	
42	100		
74	136.6	102.4	153.6
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 99.532 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

ClientSampled :

TP-8MSD

Tot Ion: 112 Resp: 1067520

Ion Ratio Lower Upper

112 100

64 60.8 49.2 73.8

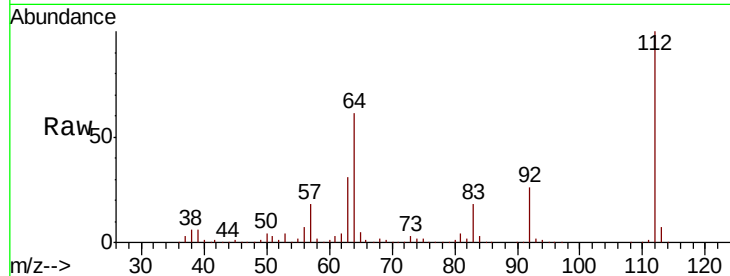
63 30.5 24.9 37.3

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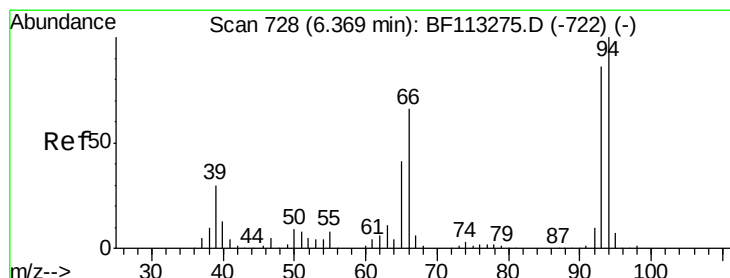
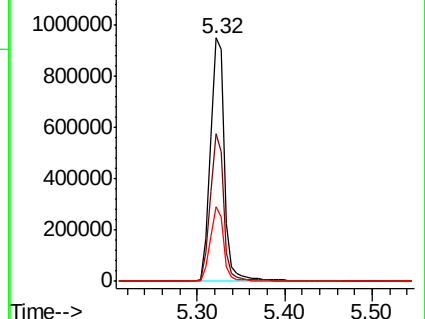
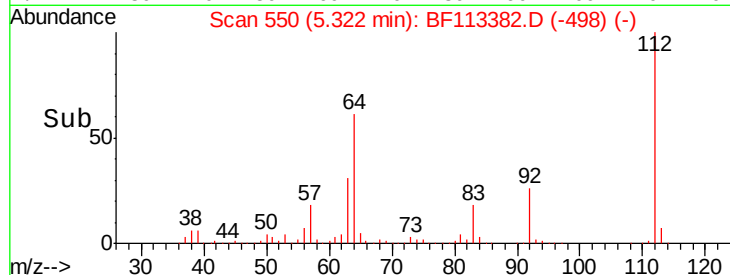
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.301 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

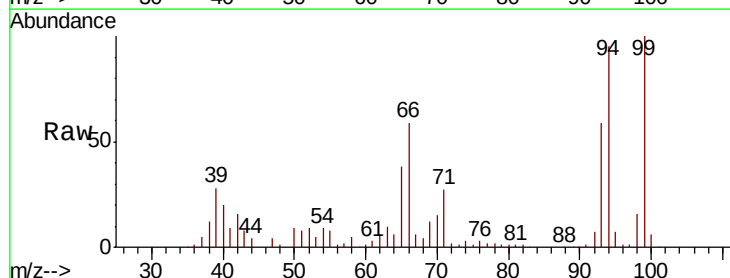
Tgt Ion: 93 Resp: 318907

Ion Ratio Lower Upper

93 100

66 100.3 62.1 93.1#

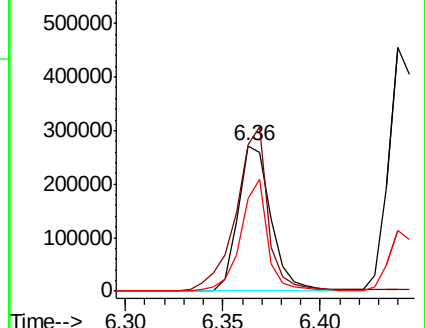
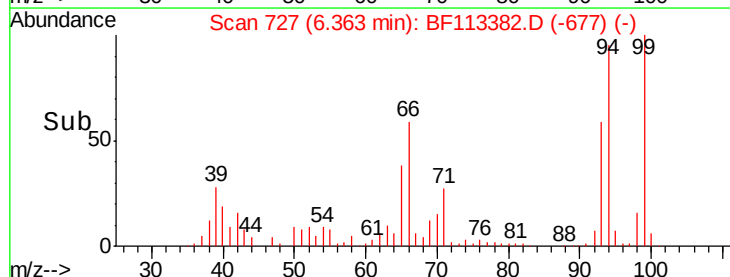
65 63.6 38.7 58.1#

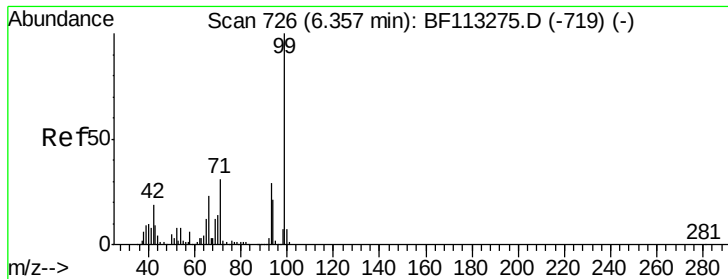


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.053 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

ClientSampled :

TP-8MSD

Tot Ion: 99 Resp: 1384677

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

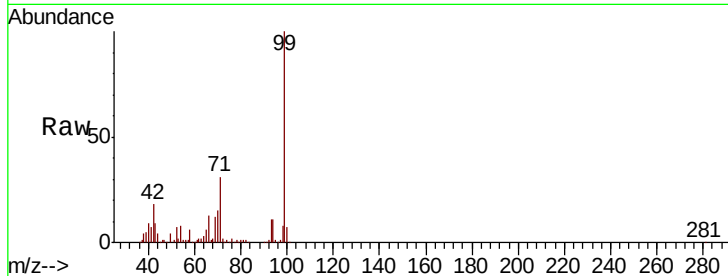
71 31.1 24.9 37.3

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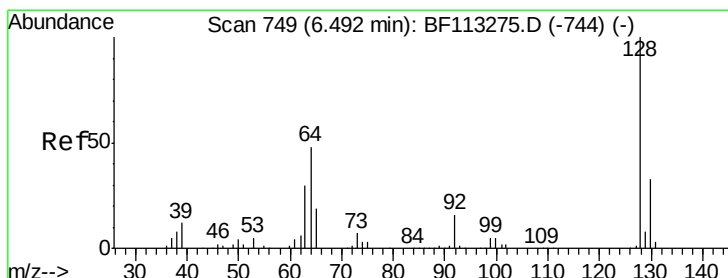
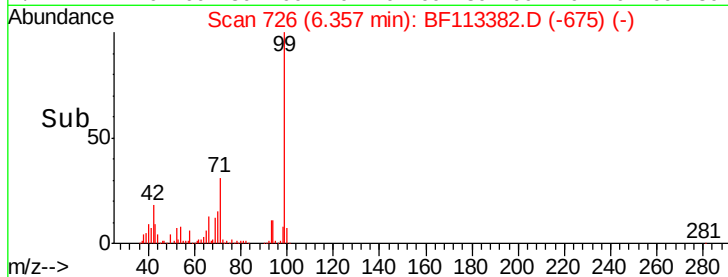
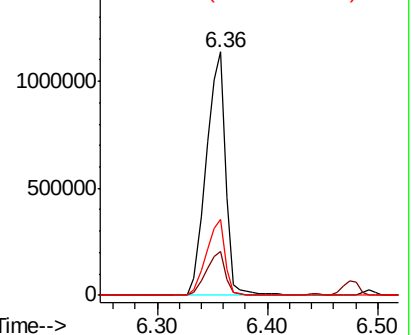
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.704 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

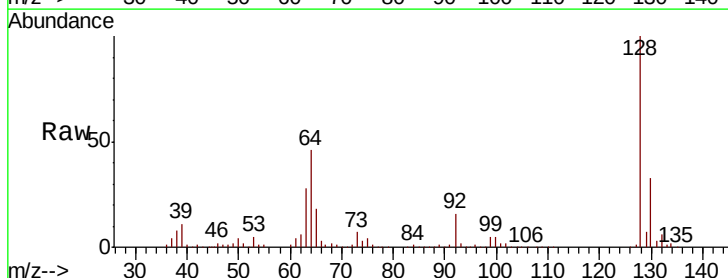
Tgt Ion: 128 Resp: 432240

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

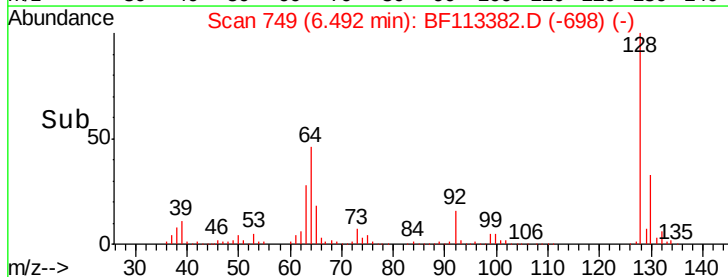
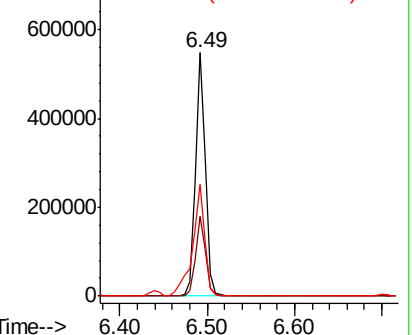
64 46.1 29.4 69.4

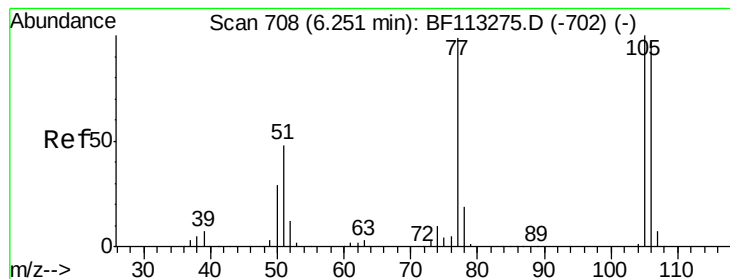


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.607 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

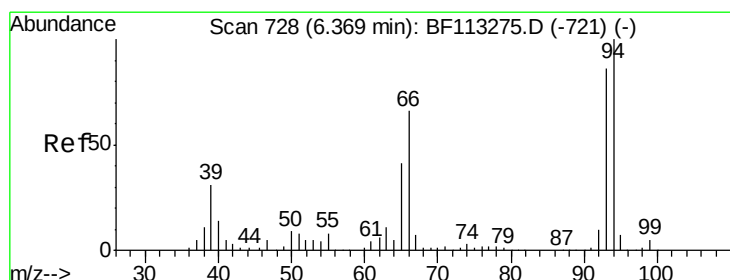
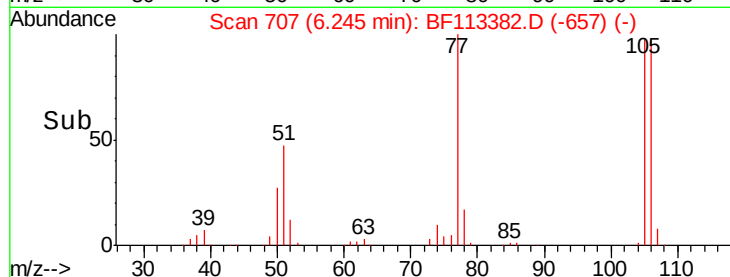
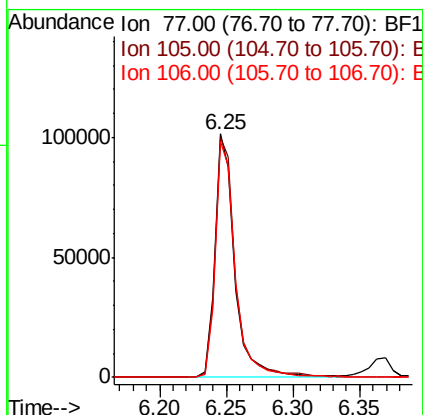
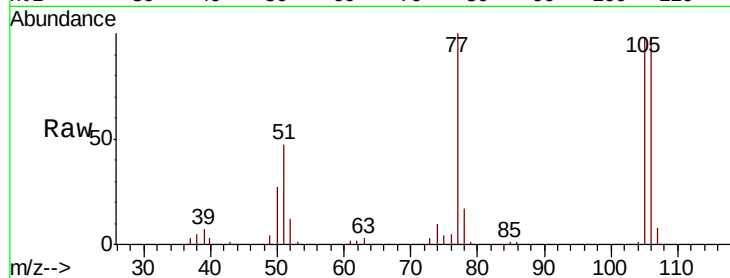
ClientSampled :

TP-8MSD

Tot Ion:	77	Resp:	105677
Ion	Ratio	Lower	Upper
77	100		
105	98.5	80.9	120.9
106	97.0	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 33.602 ng

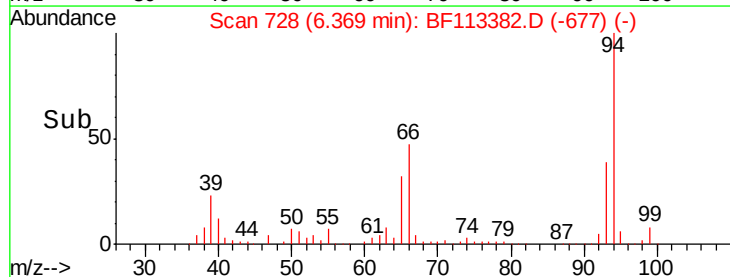
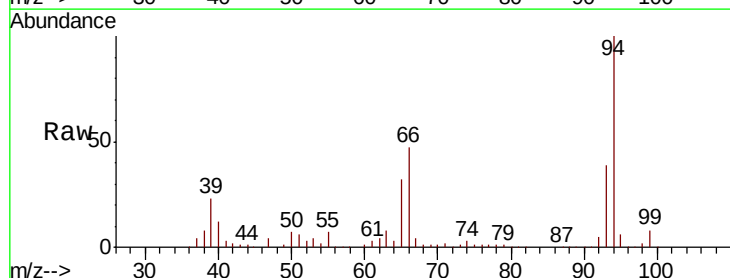
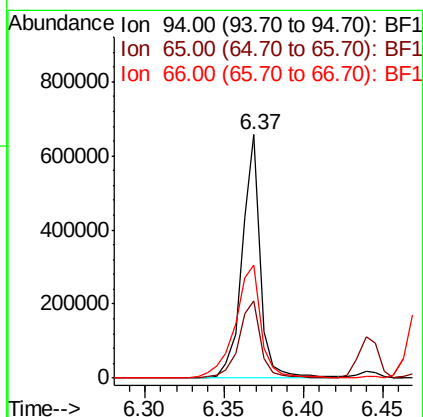
RT: 6.37 min Scan# 728

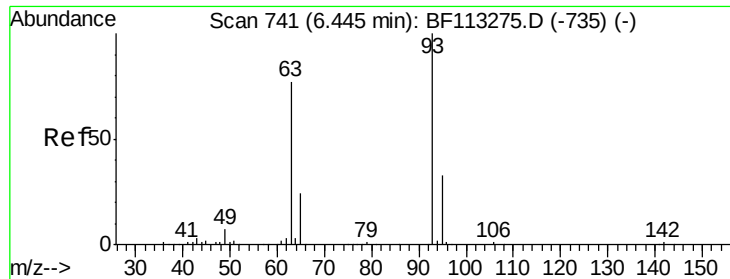
Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Tgt Ion:	94	Resp:	520492
Ion	Ratio	Lower	Upper
94	100		
65	31.8	21.4	61.4
66	46.6	46.4	86.4





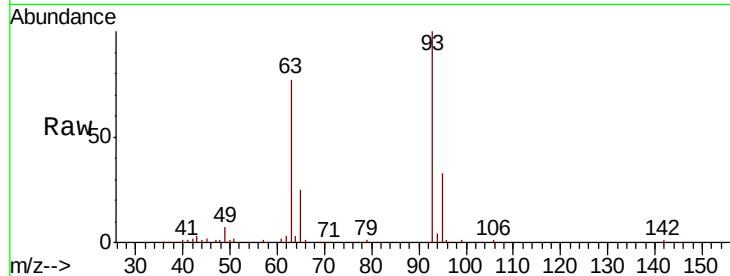
#11
bis(2-Chloroethyl)ether
Concen: 34.735 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion:	93	Resp:	412430
Ion	Ratio	Lower	Upper
93	100		
63	77.2	56.1	96.1
95	32.6	12.8	52.8

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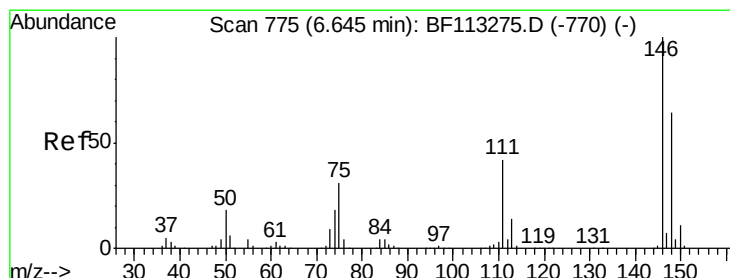
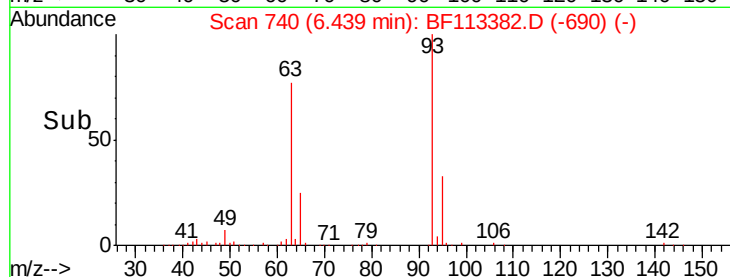
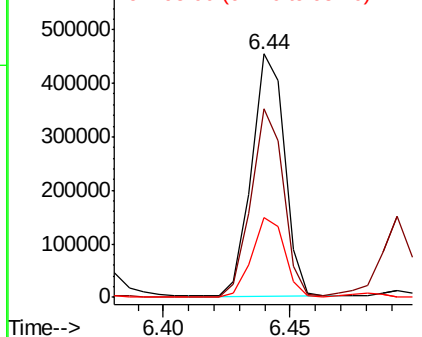


Abundance

Ion 93.00 (92.70 to 93.70): BF1

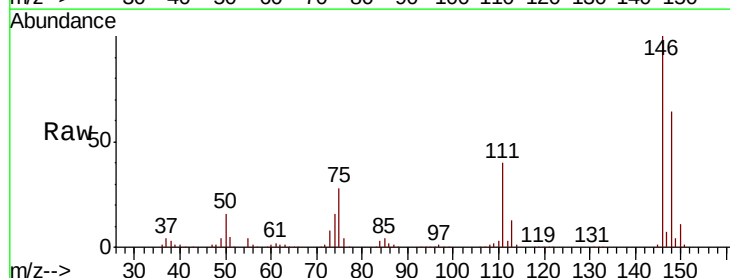
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 33.380 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion:	146	Resp:	448141
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	28.2	24.8	37.2

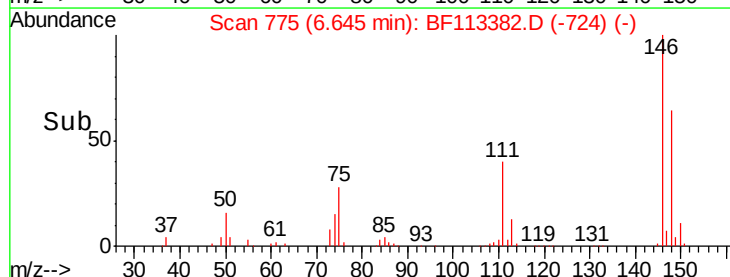
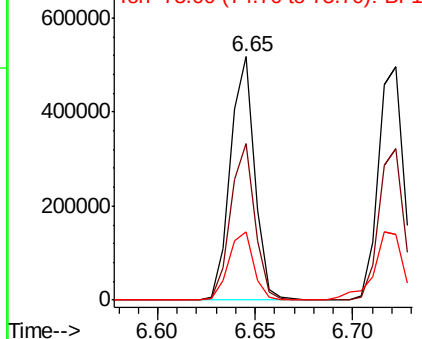


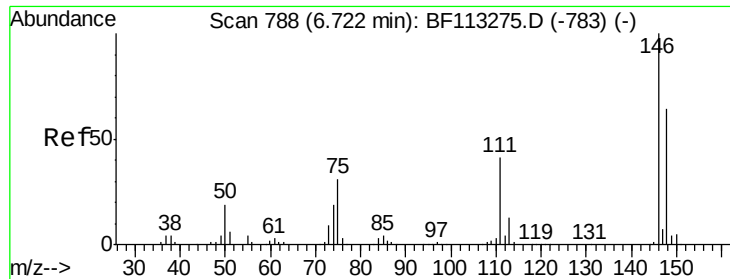
Abundance

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





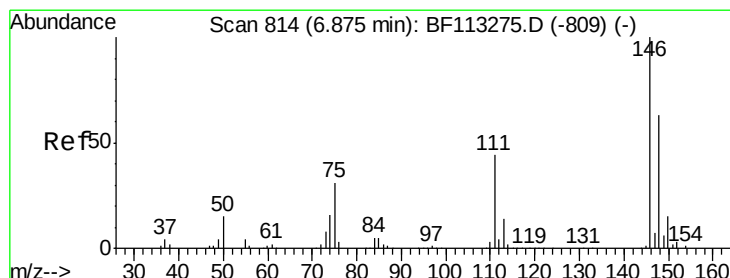
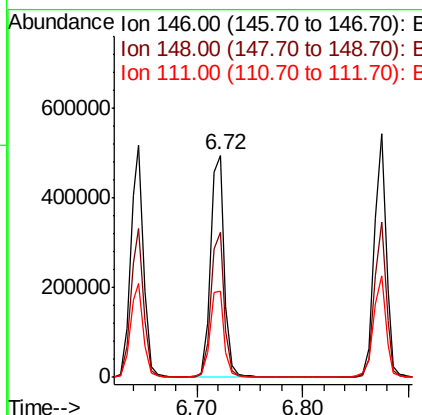
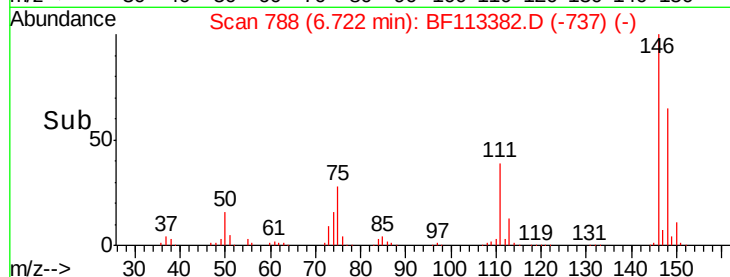
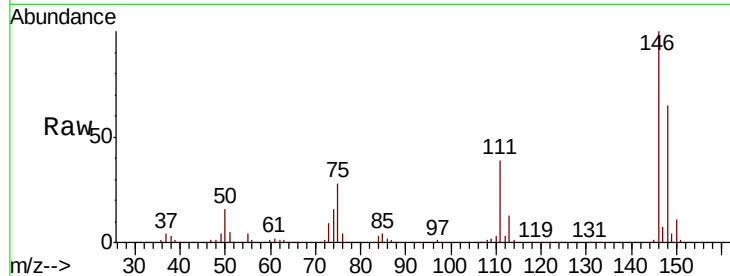
#13
 1,4-Dichlorobenzene
 Concen: 35.257 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	39.1	32.8	49.2

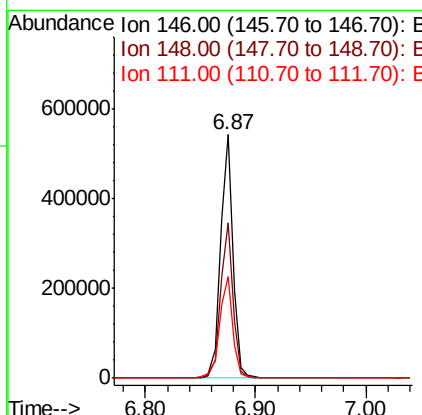
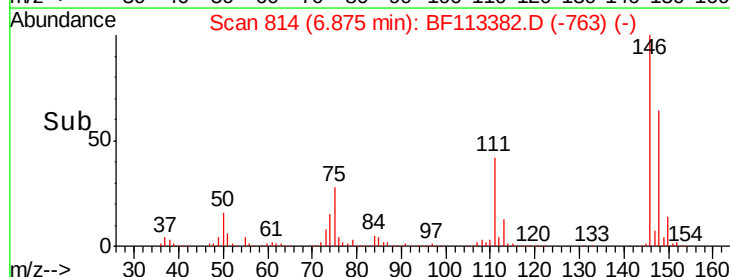
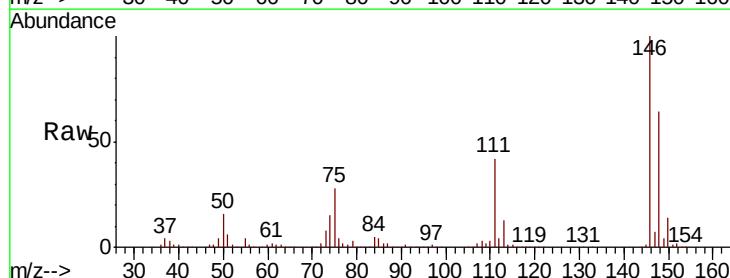
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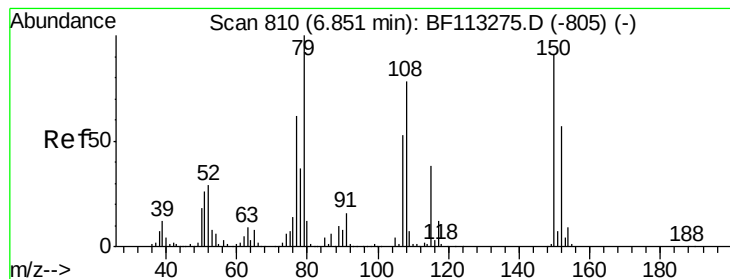
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#14
 1,2-Dichlorobenzene
 Concen: 33.436 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.4
111	41.6	35.4	53.2





#15

Benzyl Alcohol

Concen: 37.221 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

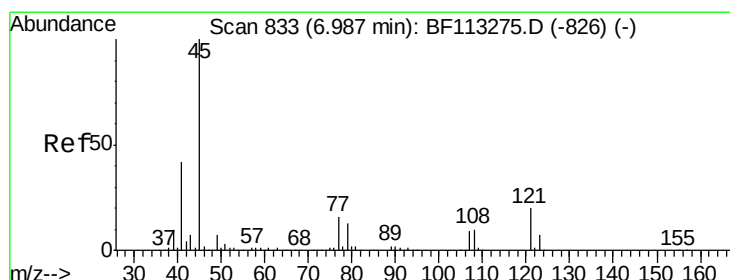
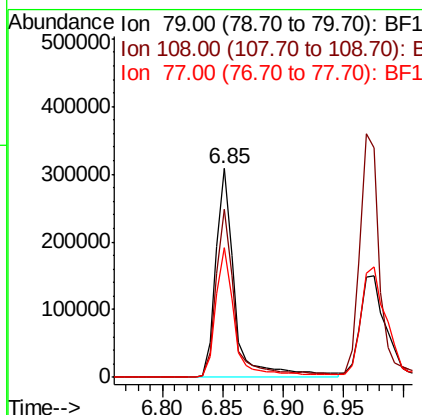
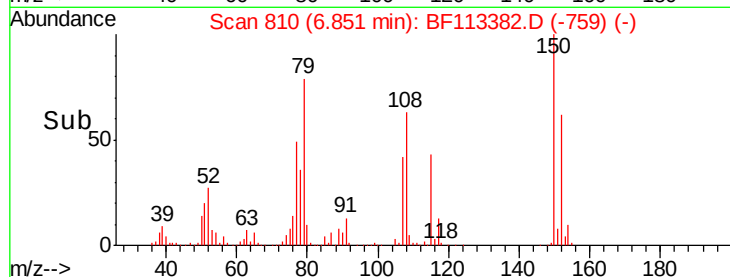
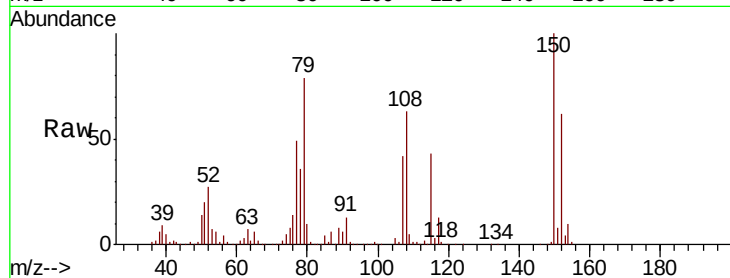
ClientSampled :

TP-8MSD

Tot Ion:	79	Resp:	333171
Ion	Ratio	Lower	Upper
79	100		
108	80.8	62.0	93.0
77	62.1	49.9	74.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.610 ng

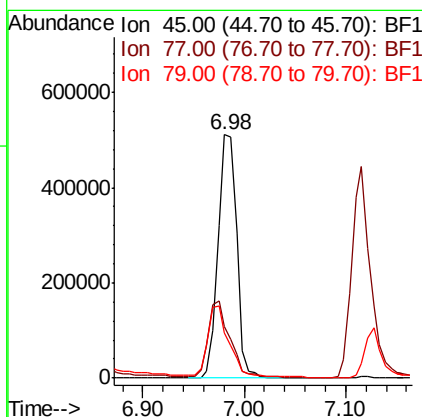
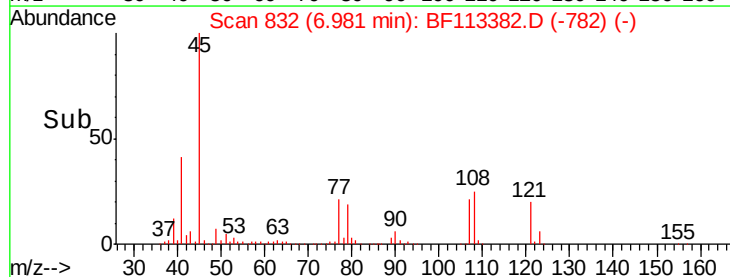
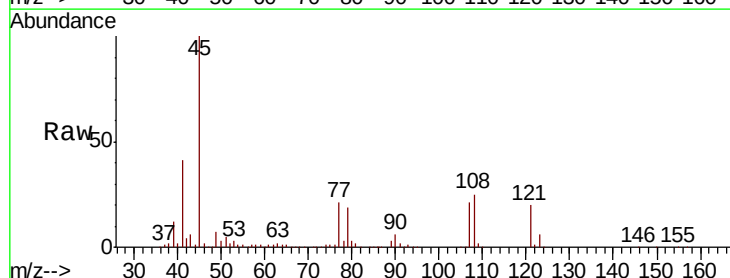
RT: 6.98 min Scan# 832

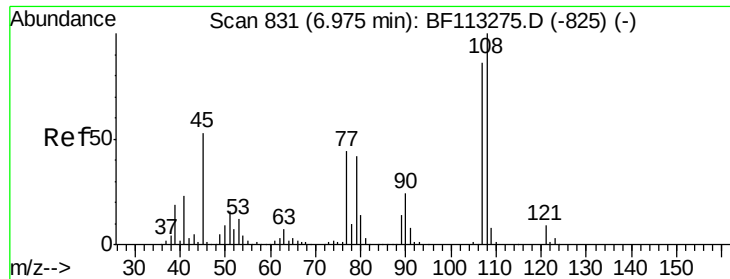
Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Tgt Ion:	45	Resp:	653032
Ion	Ratio	Lower	Upper
45	100		
77	21.1	0.0	36.6
79	18.6	0.0	34.0





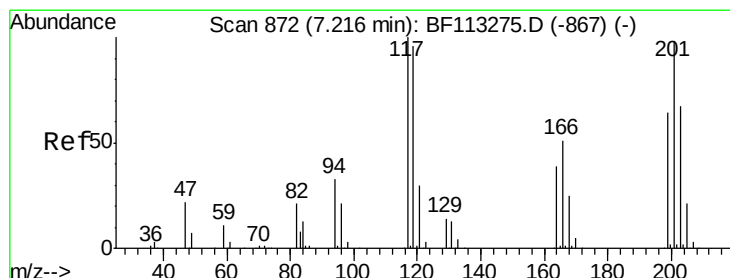
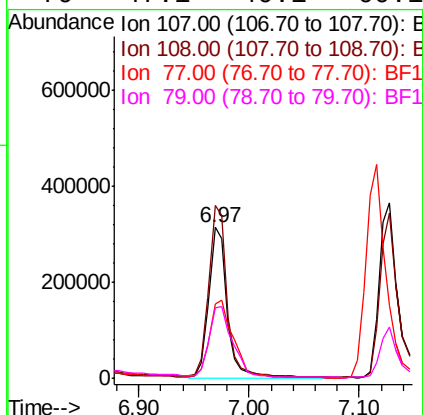
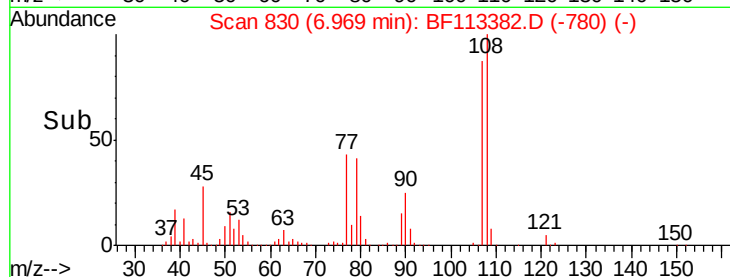
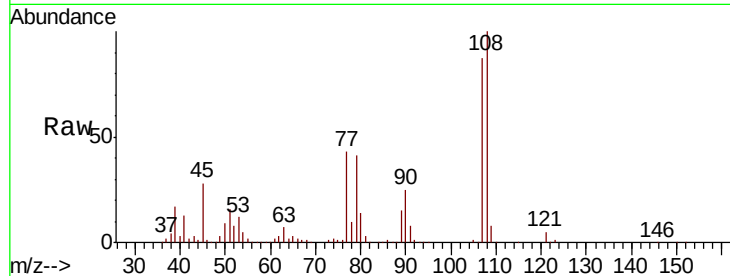
#17
2-Methylphenol
Concen: 36.435 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	93.4	140.0	
77	49.0	41.2	61.8	
79	47.1	40.1	60.1	

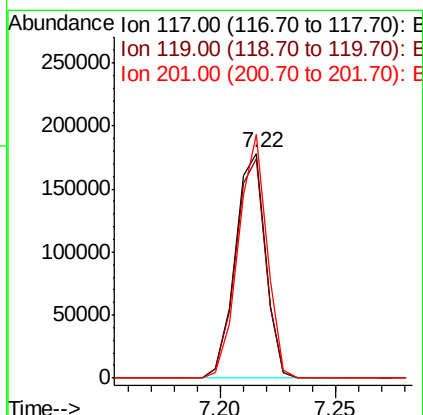
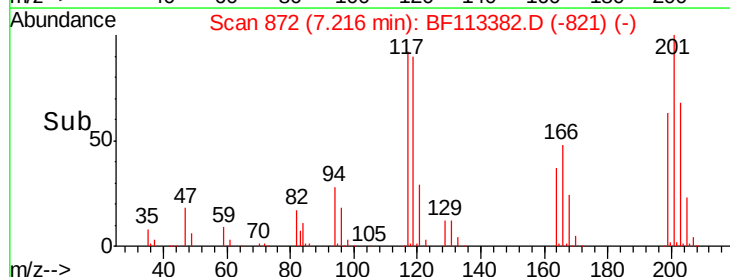
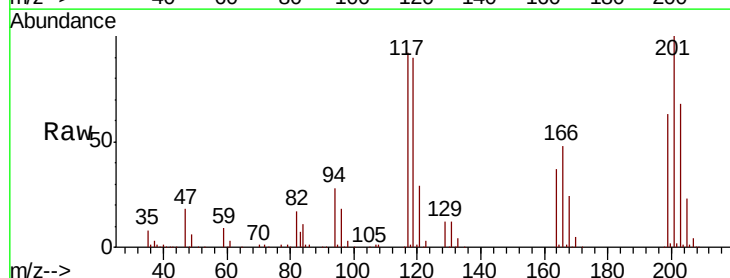
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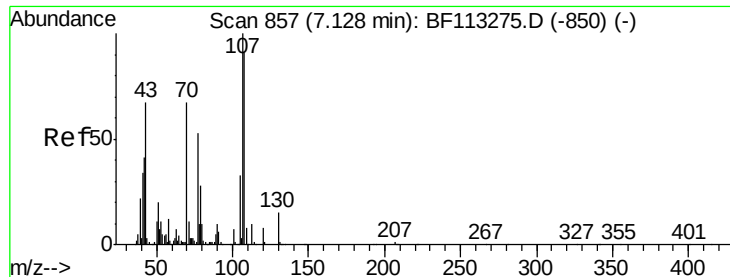
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#18
Hexachloroethane
Concen: 35.119 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	76.9	115.3	
201	108.3	78.7	118.1	





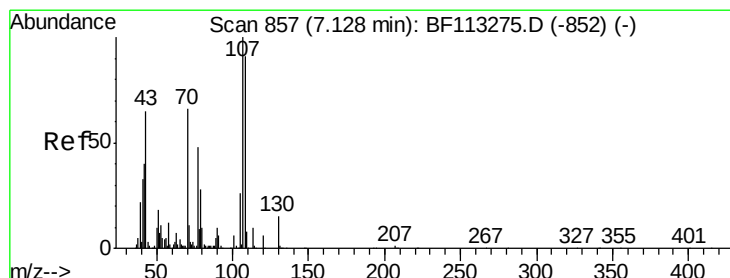
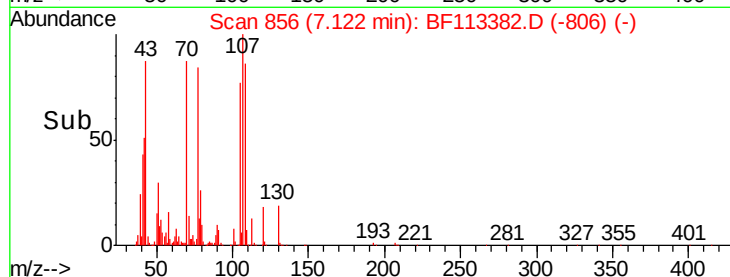
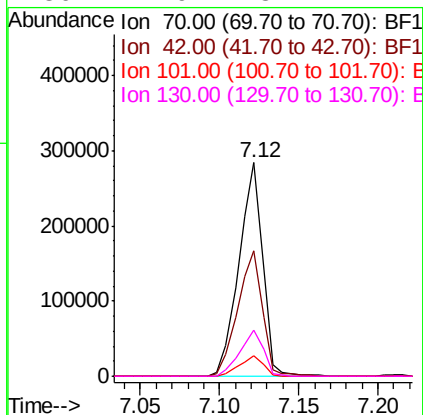
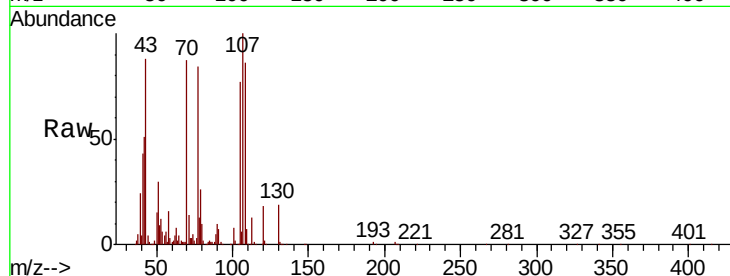
#19
n-Nitroso-di-n-propylamine
Concen: 34.444 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		293557		
42	58.7		48.4	72.6	
101	9.3		7.8	11.8	
130	21.9		18.2	27.4	

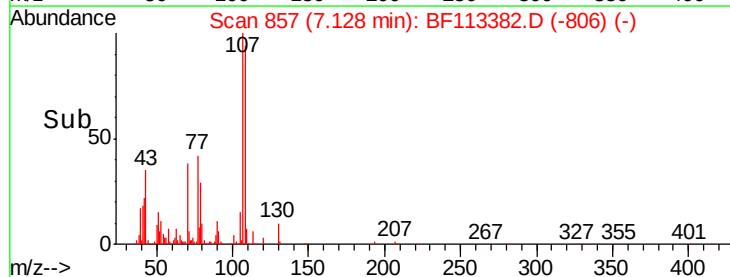
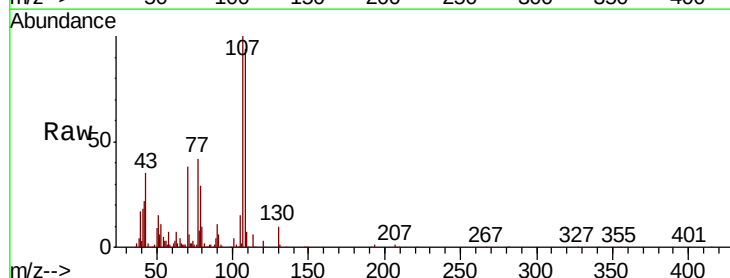
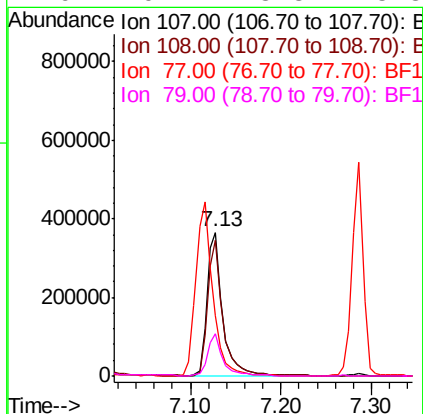
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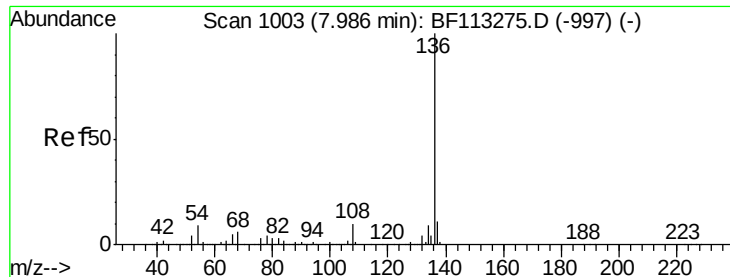
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#20
3+4-Methylphenols
Concen: 38.327 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		442150		
108	94.1		71.4	111.4	
77	41.6		33.5	73.5	
79	29.2		8.3	48.3	





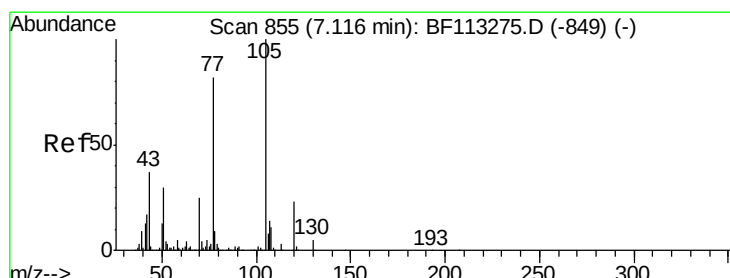
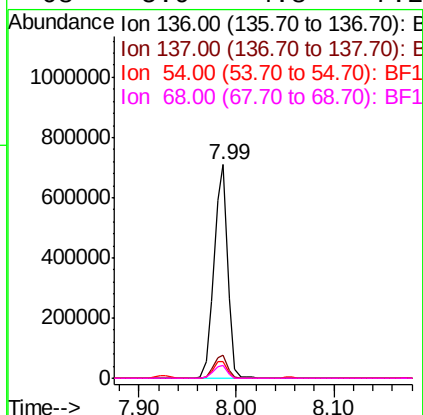
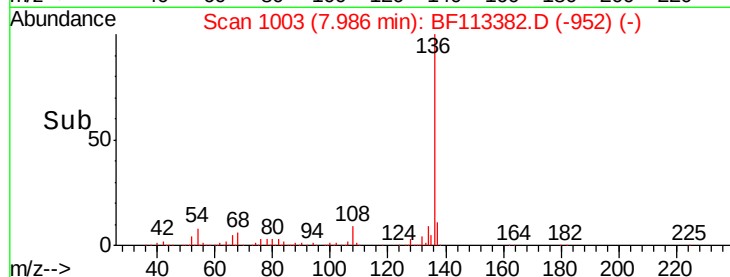
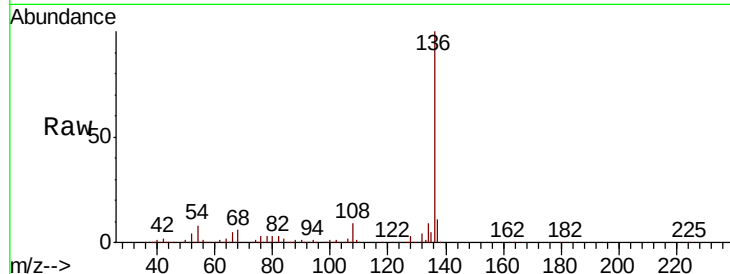
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		681209		
137	10.7	8.9	13.3		
54	7.7	7.0	10.6		
68	5.9	4.8	7.2		

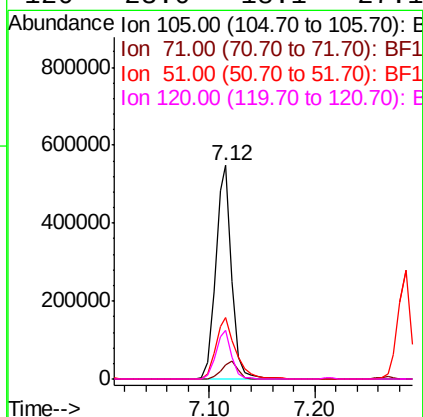
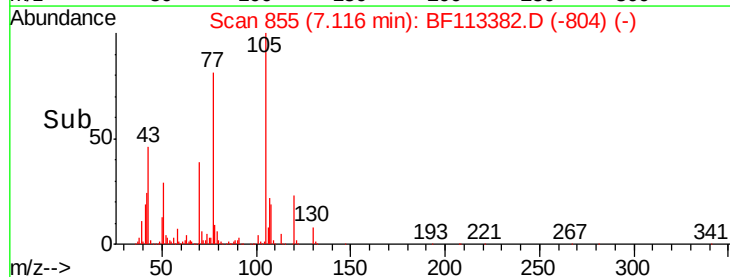
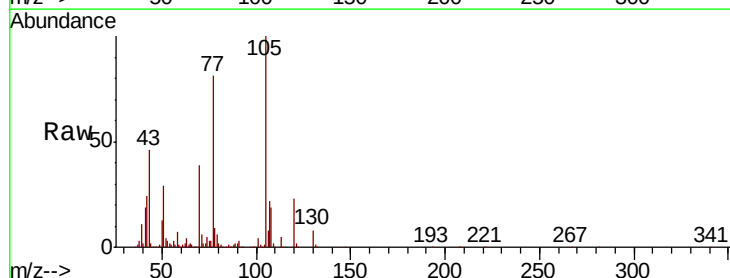
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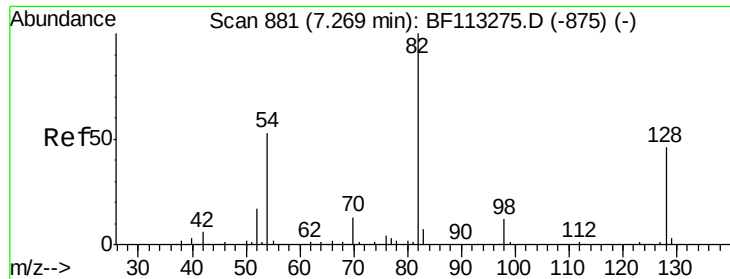
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#22
Acetophenone
Concen: 37.512 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		582765		
71	6.4	3.3	4.9#		
51	28.5	24.2	36.2		
120	23.0	18.1	27.1		





#23

Nitrobenzene-d5

Concen: 74.669 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

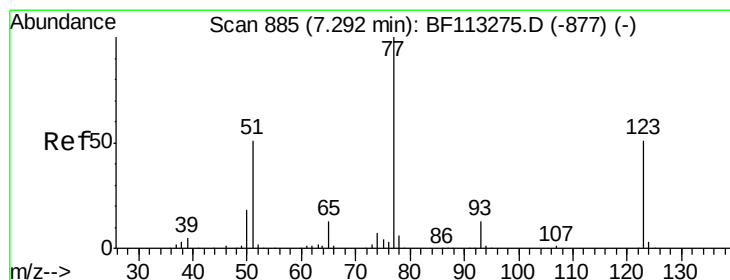
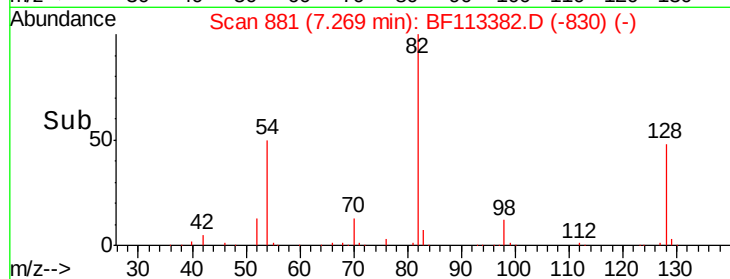
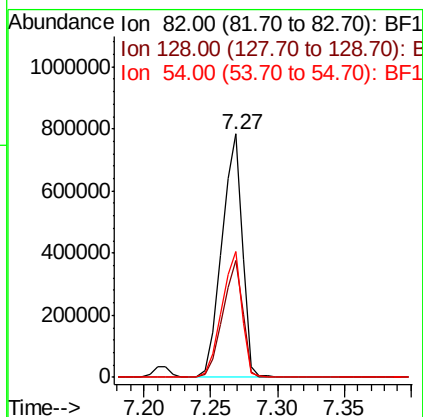
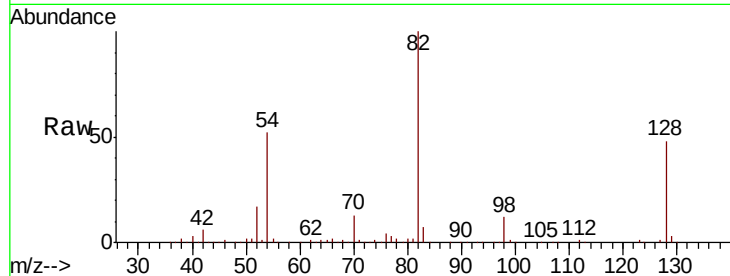
ClientSampled :

TP-8MSD

Tot Ion:	82	Resp:	856985
Ion Ratio	Lower	Upper	
82	100		
128	48.2	36.5	54.7
54	51.5	42.2	63.2

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#24

Nitrobenzene

Concen: 37.561 ng

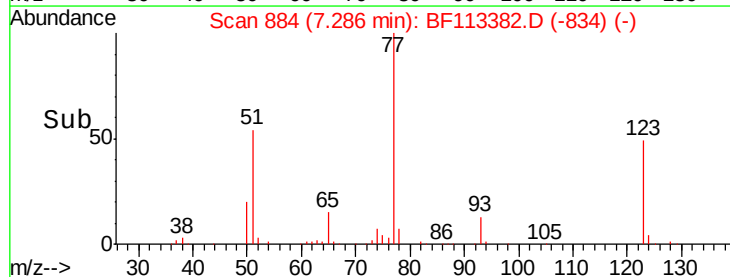
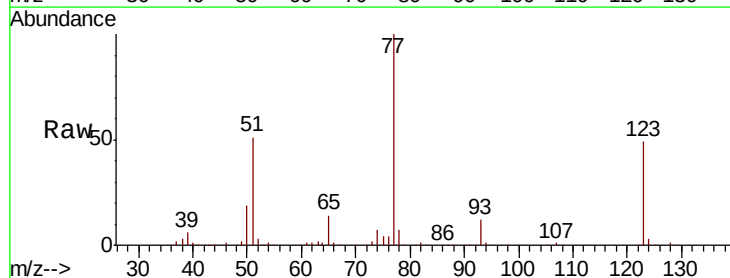
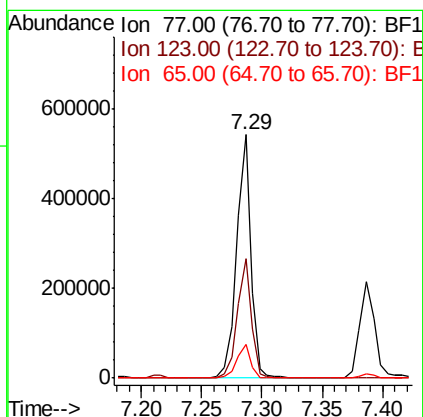
RT: 7.29 min Scan# 884

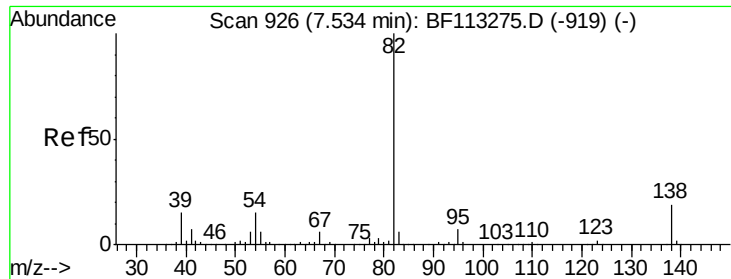
Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Tgt Ion:	77	Resp:	449844
Ion Ratio	Lower	Upper	
77	100		
123	49.1	40.8	61.2
65	13.7	10.6	16.0





#25

Isophorone

Concen: 38.122 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

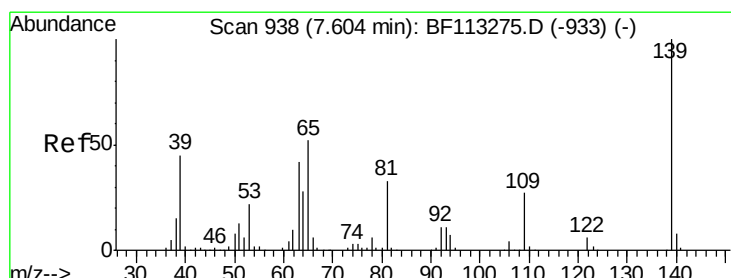
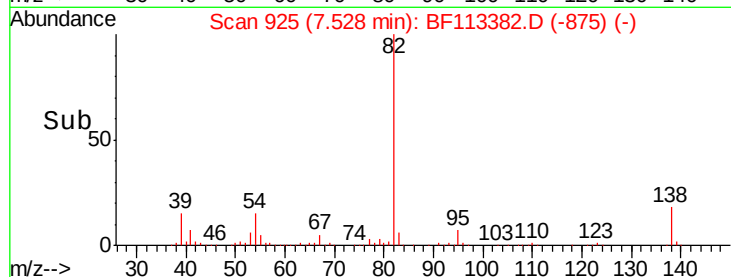
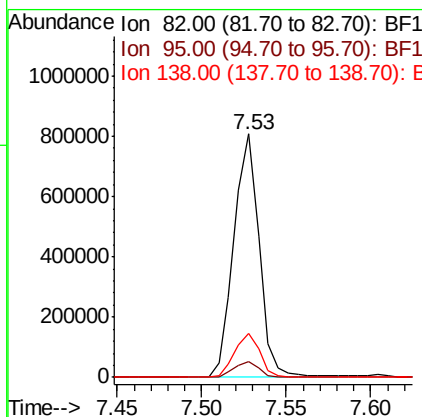
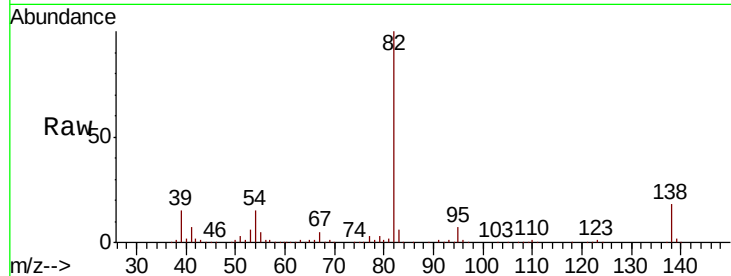
ClientSampled :

TP-8MSD

Tot Ion:	82	Resp:	847920
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.5	8.3
138	18.2	15.2	22.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.928 ng

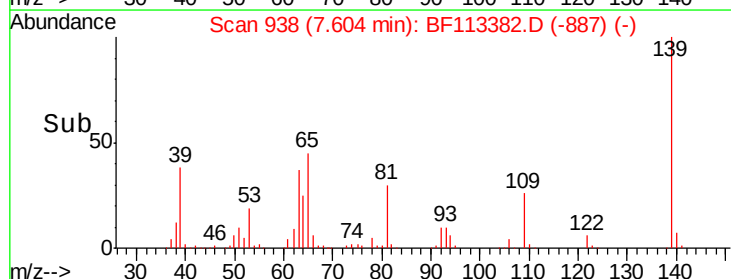
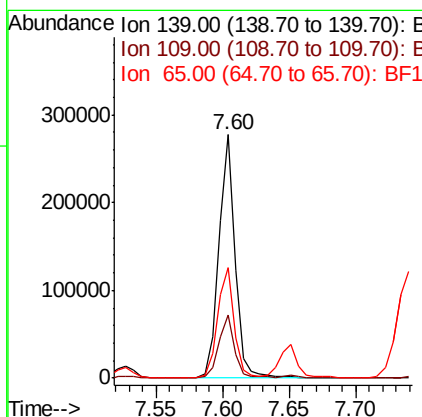
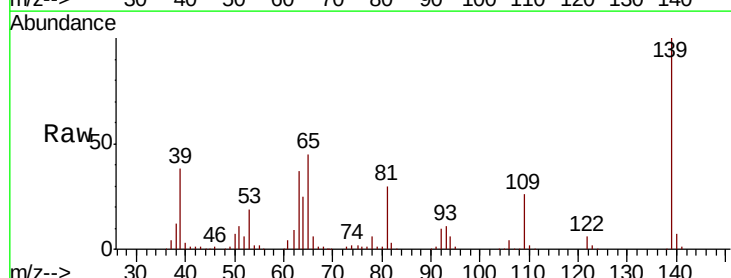
RT: 7.60 min Scan# 938

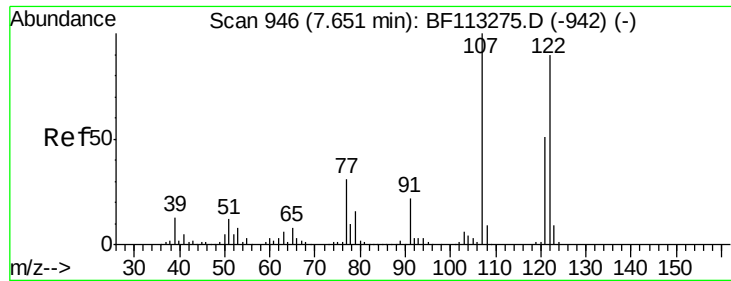
Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Tgt Ion:	139	Resp:	240104
Ion Ratio	Lower	Upper	
139	100		
109	25.8	21.7	32.5
65	45.3	41.6	62.4





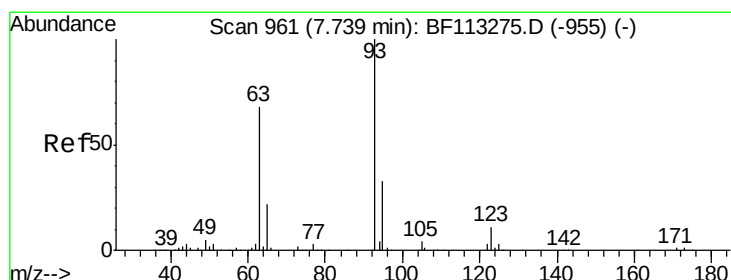
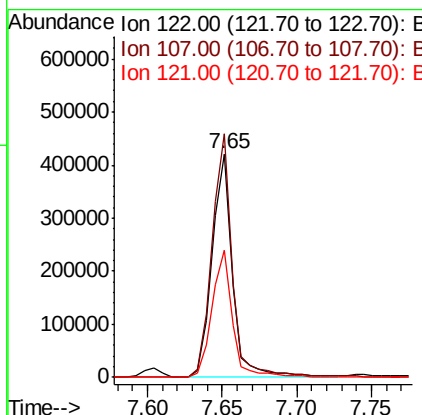
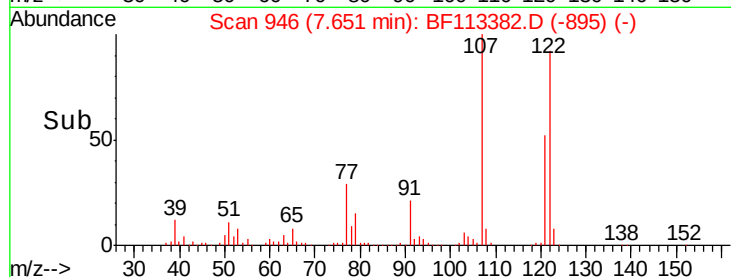
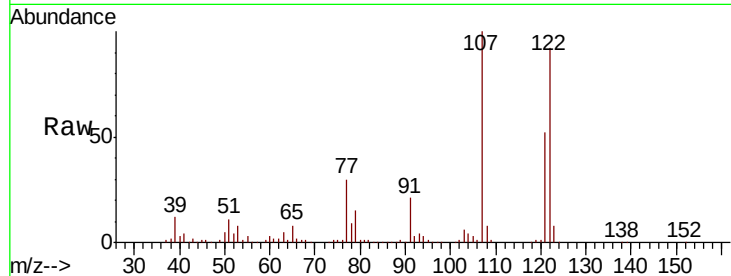
#27
2,4-Dimethylphenol
Concen: 43.615 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	397177		
107	109.1	88.8	133.2	
121	56.7	45.5	68.3	

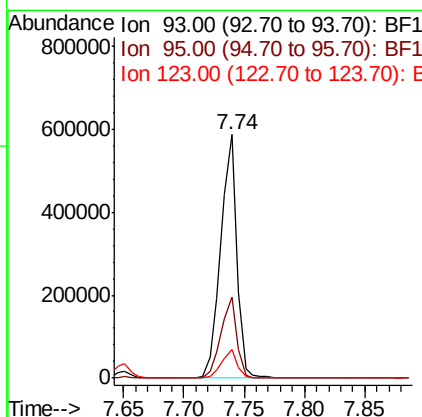
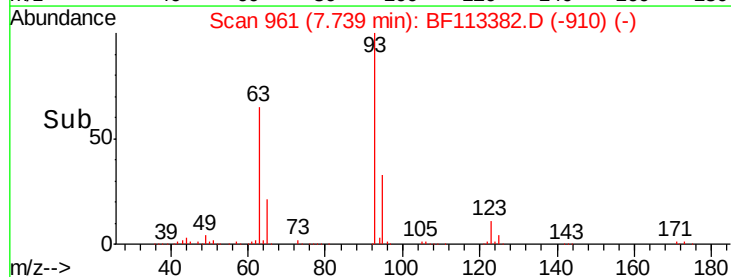
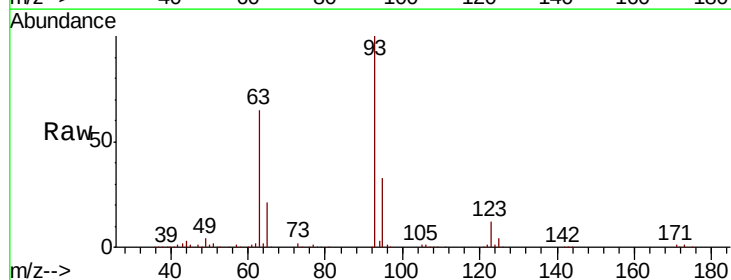
Manual Integrations
APPROVED

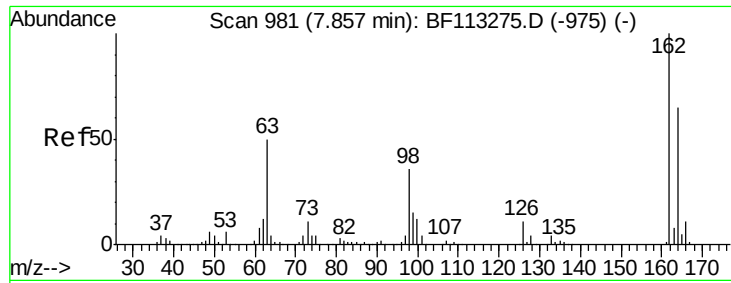
Sohil
3/29/2019 4:47:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.722 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	542368		
95	33.1	26.0	39.0	
123	11.5	9.1	13.7	





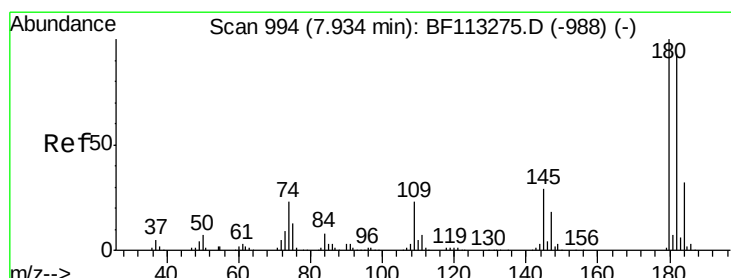
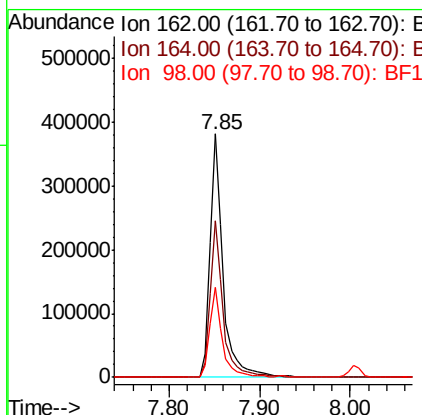
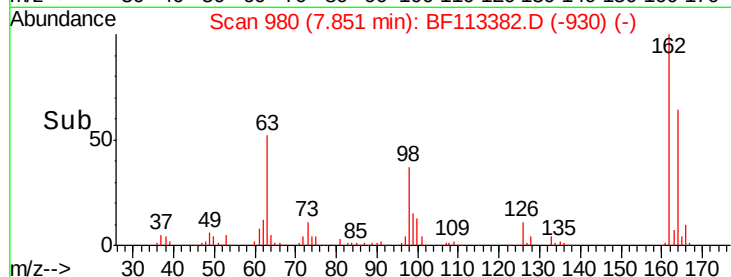
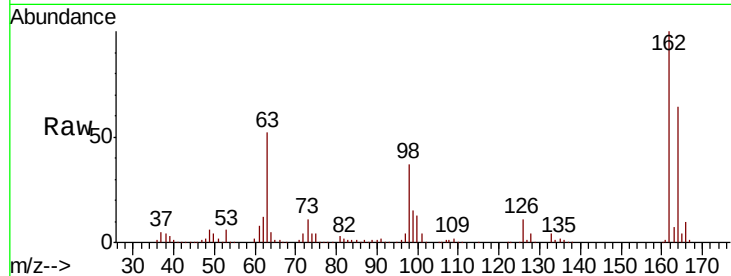
#29
2,4-Dichlorophenol
Concen: 39.321 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	388034		
164	64.3		44.6	84.6
98	36.9		15.6	55.6

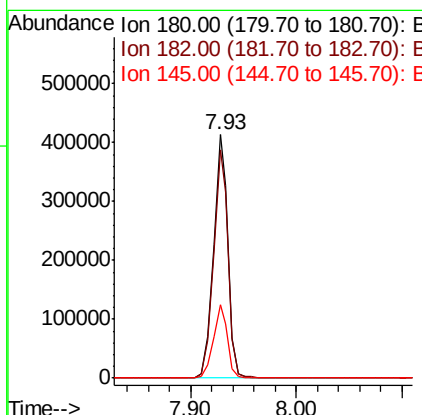
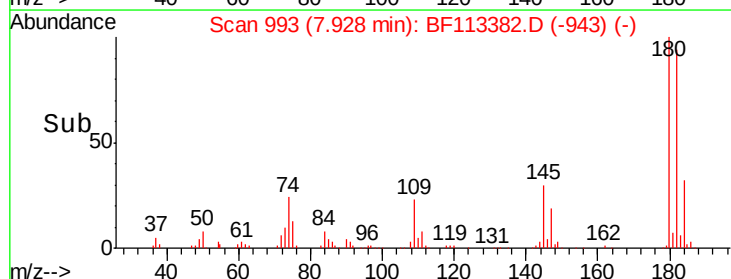
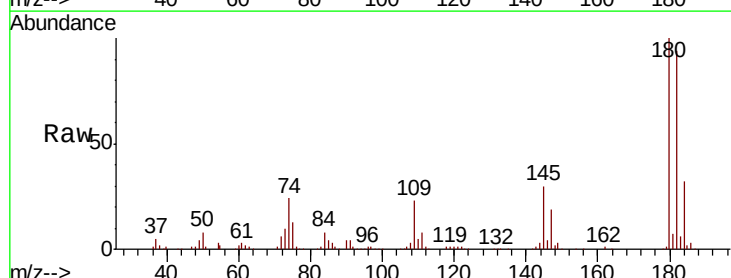
Manual Integrations
APPROVED

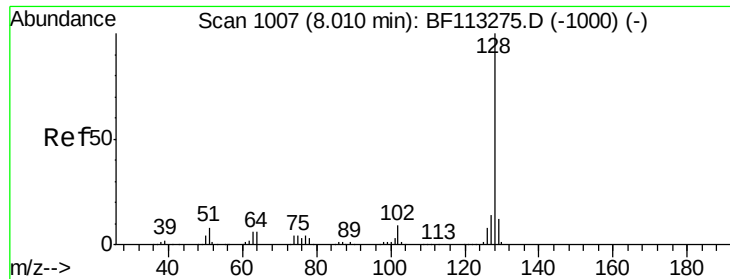
Sohil
3/29/2019 4:47:21 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.560 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	399896		
182	93.5		74.6	111.8
145	30.0		23.4	35.0





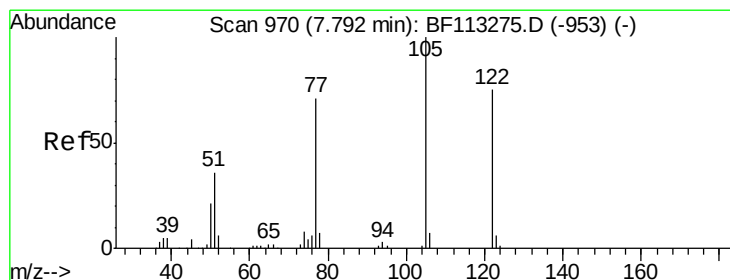
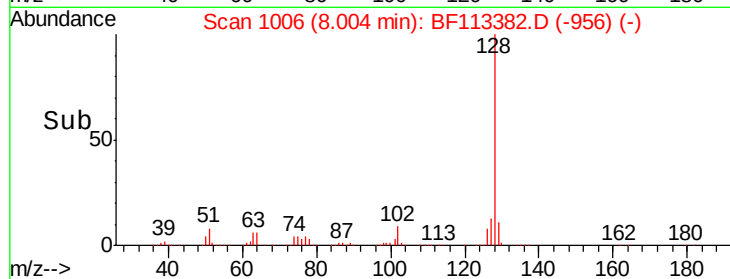
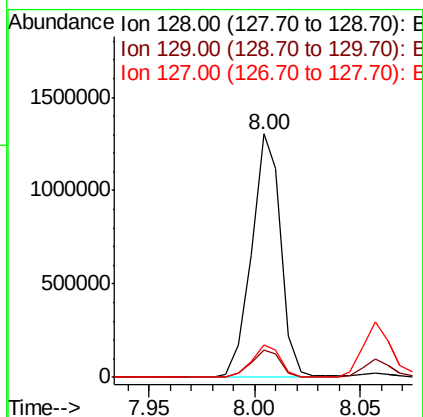
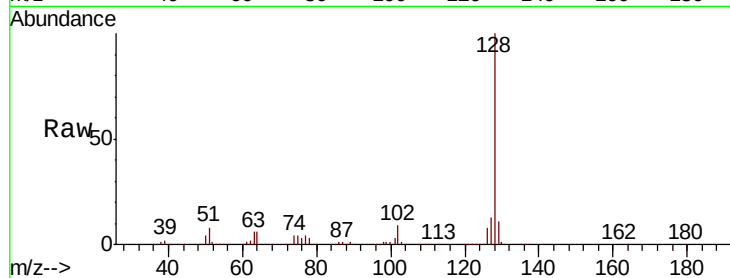
#31
Naphthalene
Concen: 37.664 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.3	10.9	16.3

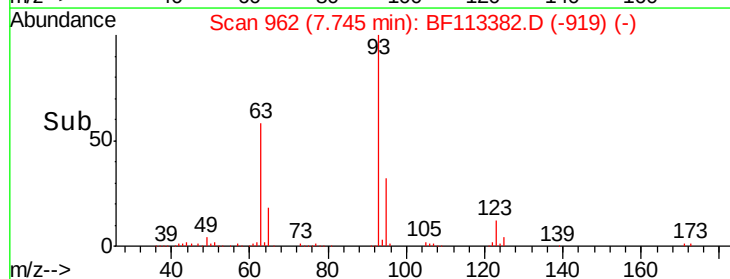
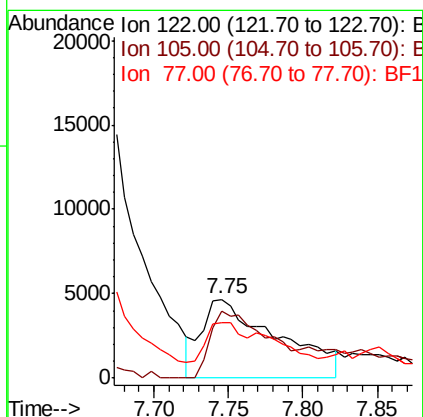
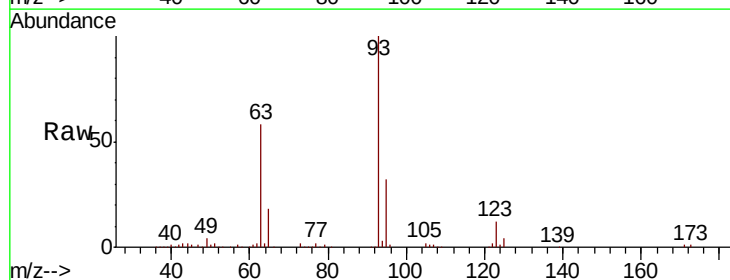
Manual Integrations
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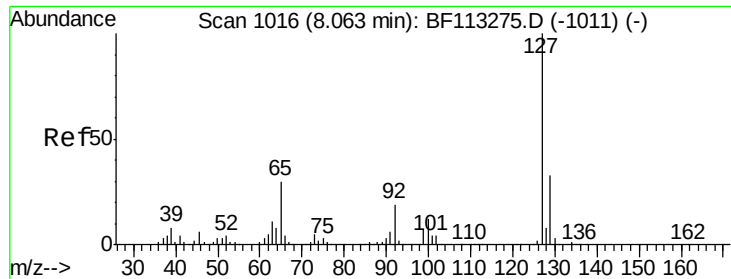
Sohil
3/29/2019 4:47:21 PM



#32
Benzoic acid
Concen: 2.264 ng m
RT: 7.75 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.8	100.4	140.4#
77	69.8	69.0	109.0





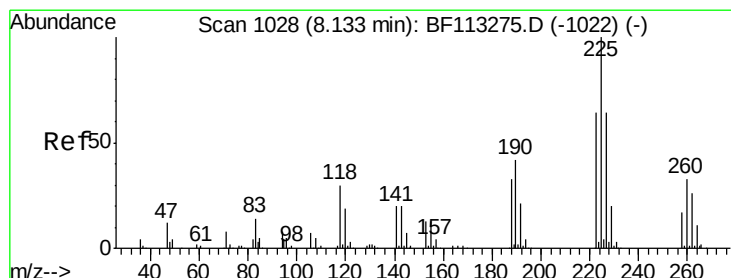
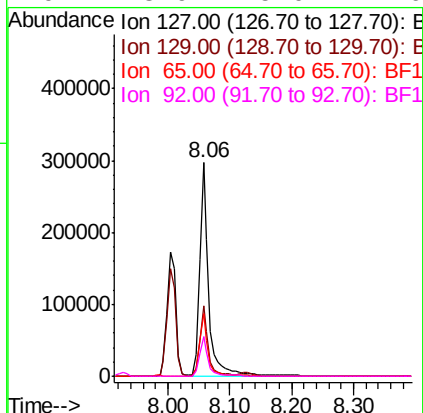
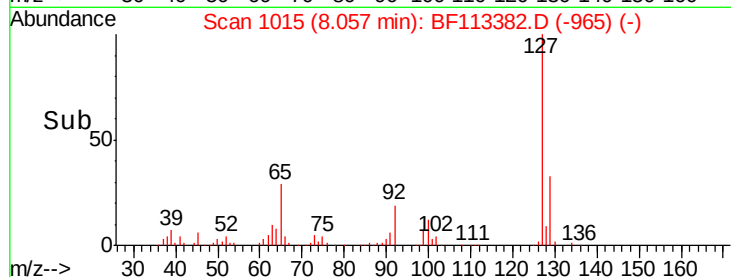
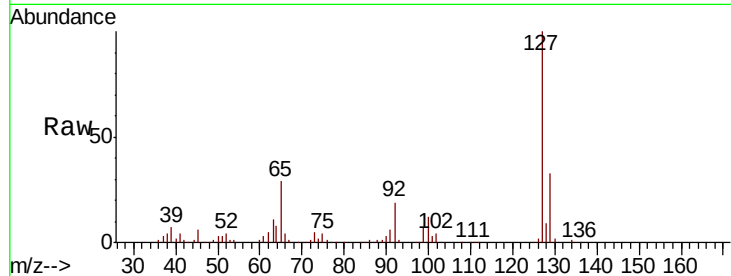
#33
4-Chloroaniline
Concen: 24.031 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.3	39.5		
65	29.1	24.2	36.4		
92	18.9	15.0	22.6		

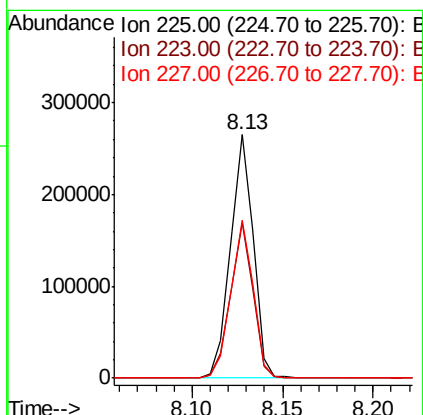
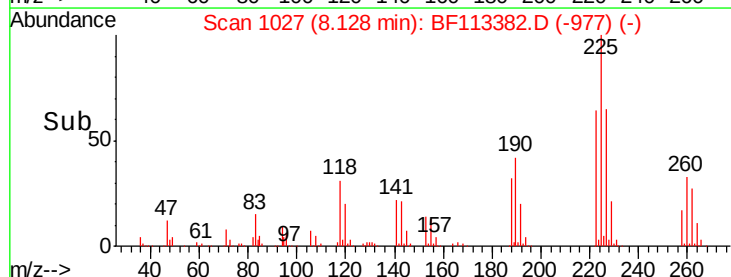
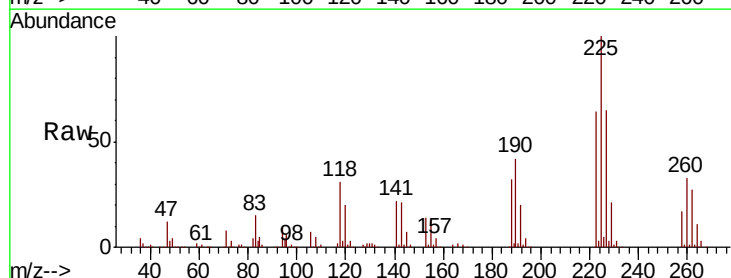
Manual Integrations
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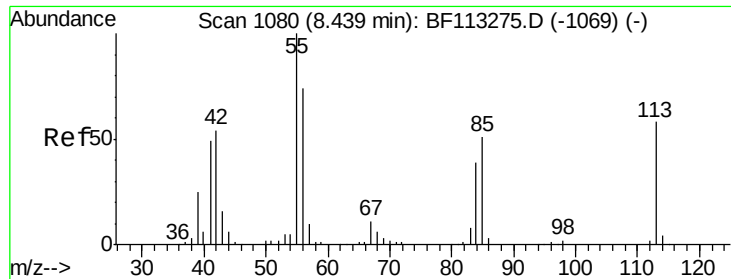
Sohil
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#34
Hexachlorobutadiene
Concen: 36.951 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	51.4	77.2		
227	65.0	51.1	76.7		





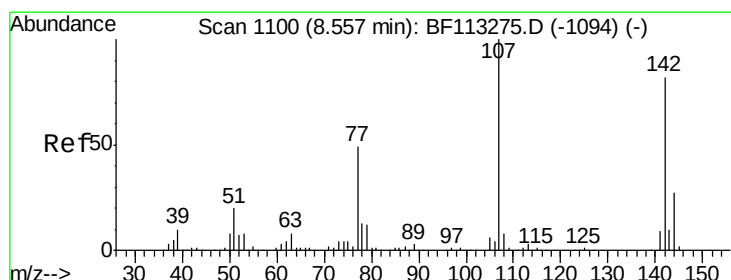
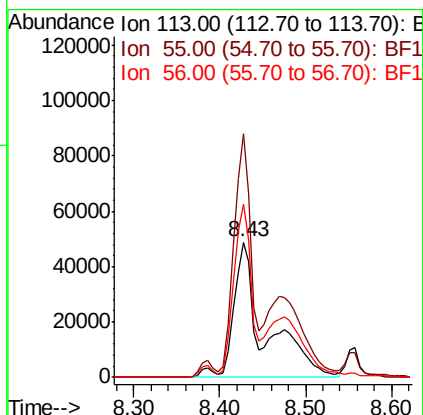
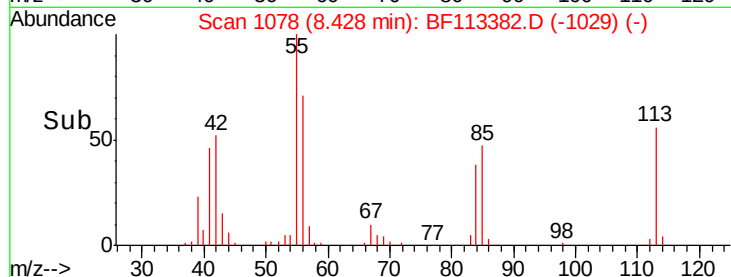
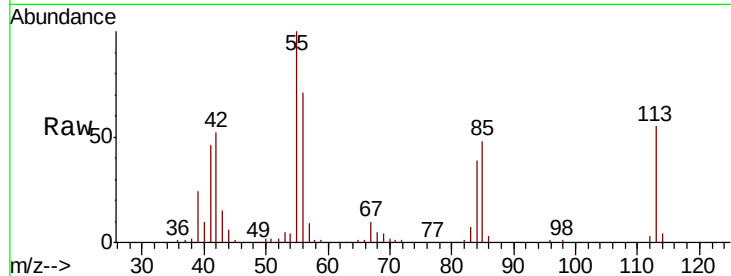
#35
 Caprolactam
 Concen: 38.333 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampled :
 TP-8MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.4	152.7	192.7
56	128.3	108.3	148.3

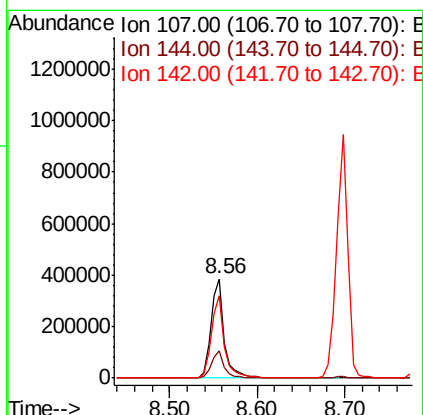
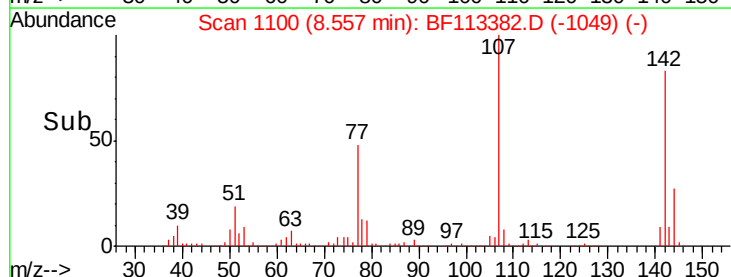
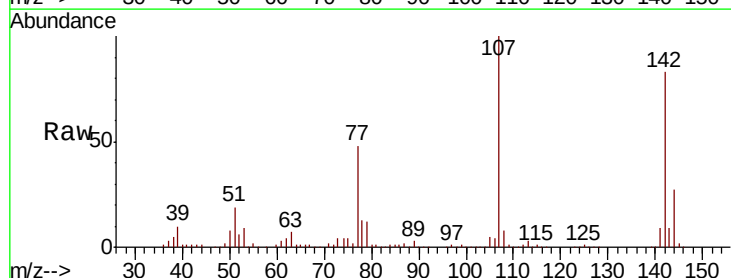
Manual Integrations
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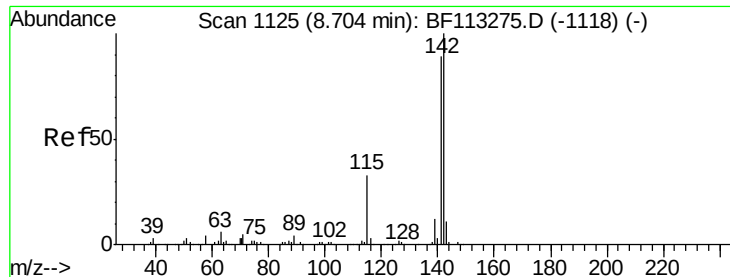
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 40.815 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.4	32.0
142	82.8	65.6	98.4





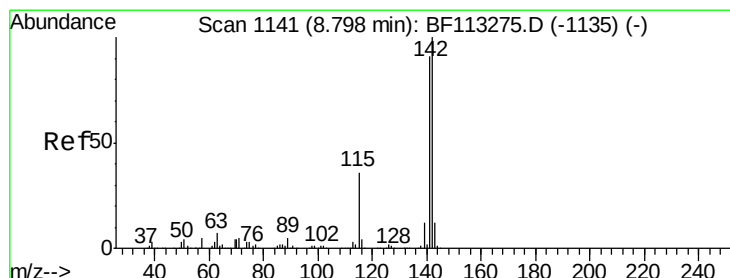
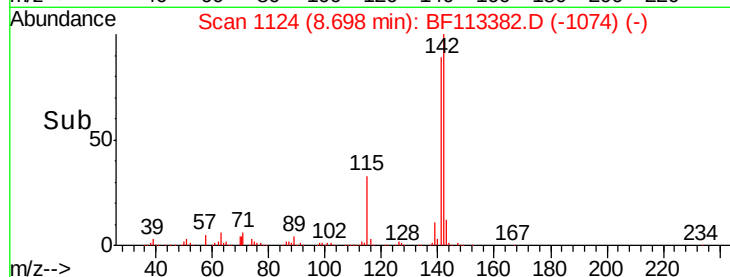
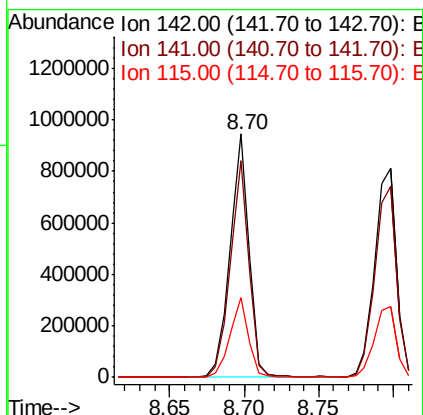
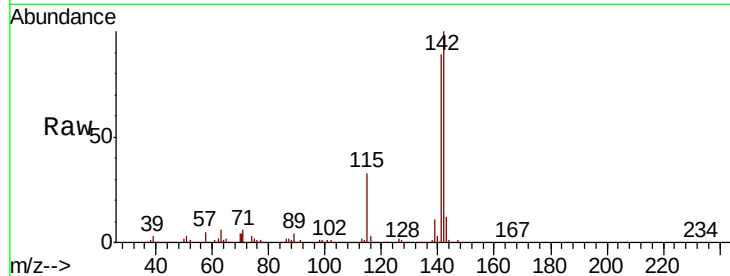
#37
2-Methylnaphthalene
Concen: 41.225 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	32.5	26.6	39.8

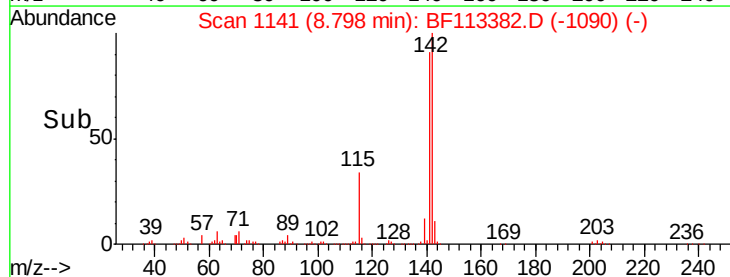
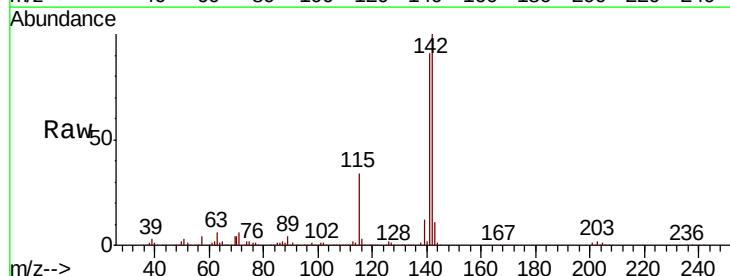
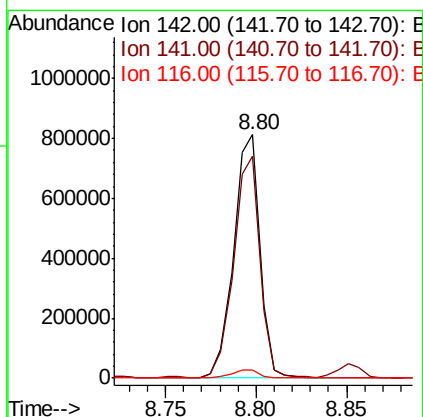
Manual Integrations
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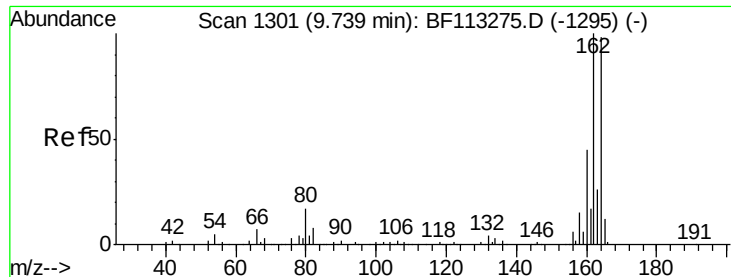
Sohil
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#38
1-Methylnaphthalene
Concen: 40.658 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
116	3.4	3.0	4.4





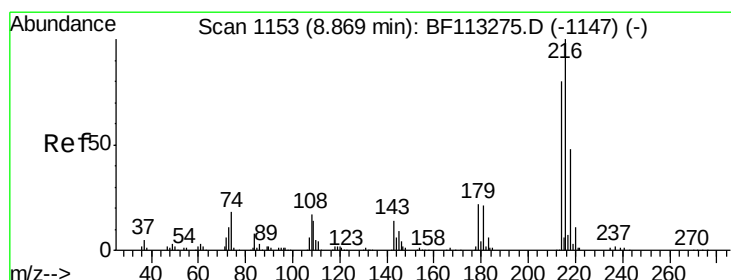
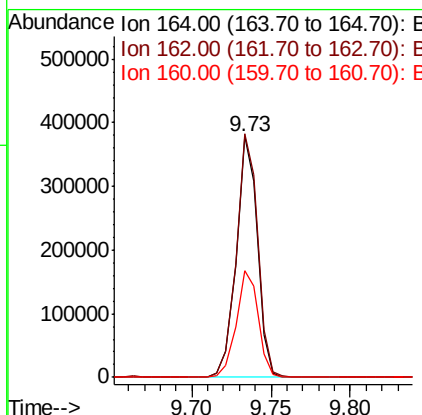
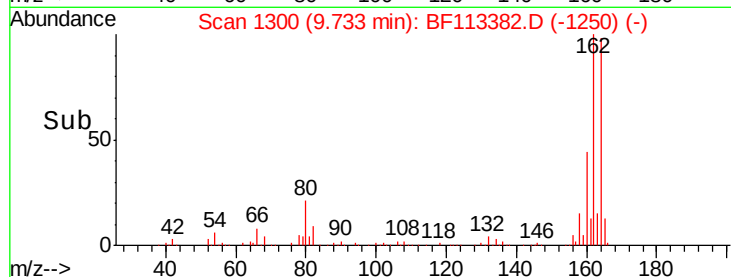
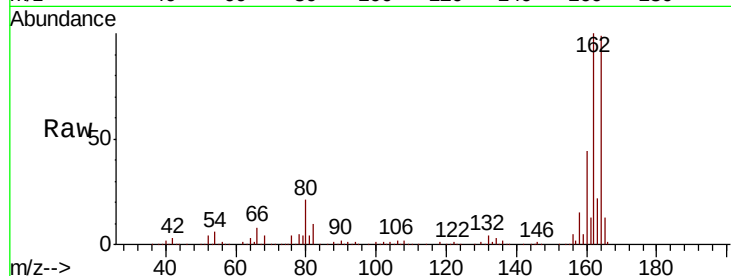
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	81.8	122.6	
160	44.4	36.4	54.6	

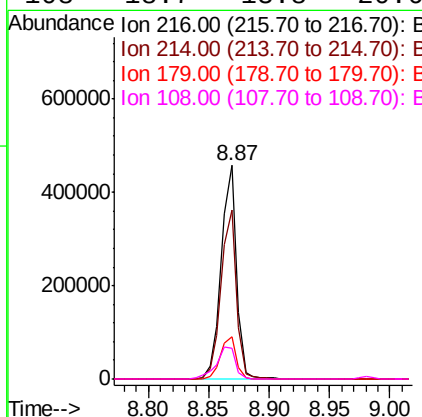
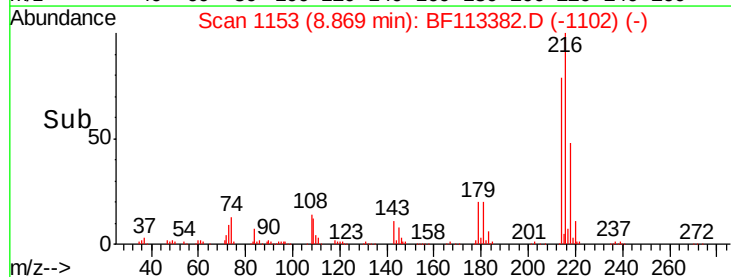
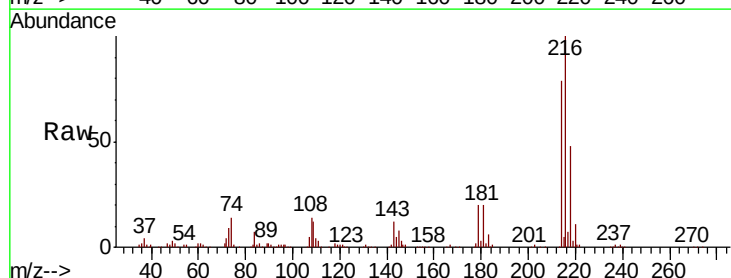
Manual Integrations
APPROVED

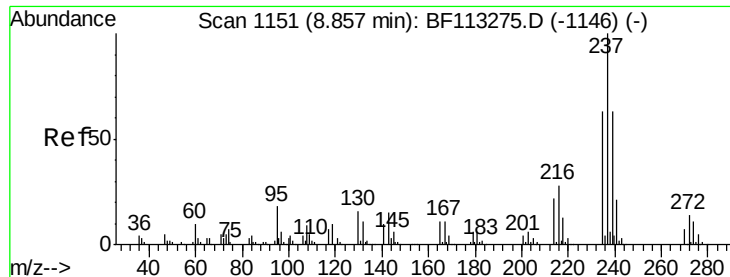
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.601 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.0	94.6	
179	20.3	16.8	25.2	
108	18.7	13.8	20.6	





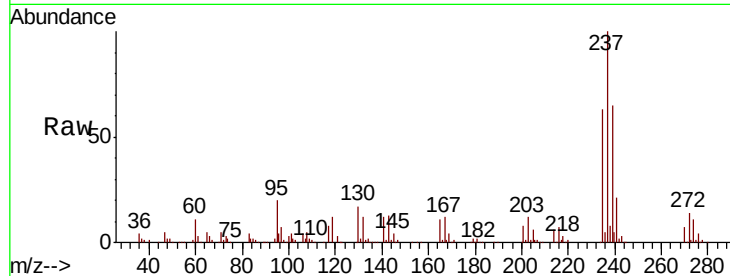
#41
Hexachlorocyclopentadiene
Concen: 78.560 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

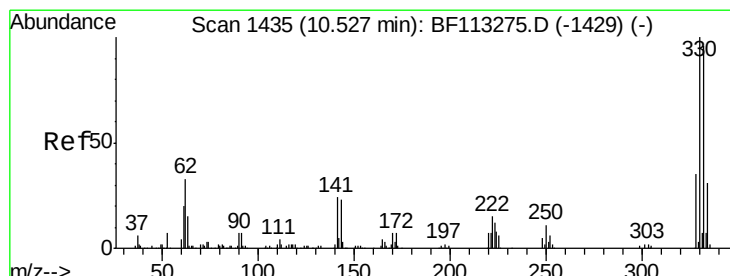
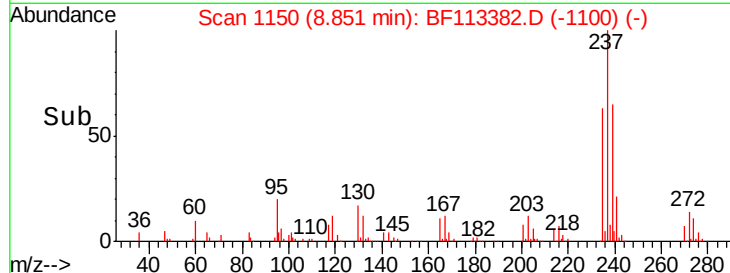
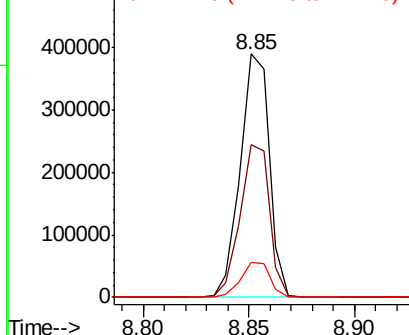
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	43.4	83.4
272	14.3	0.0	33.7

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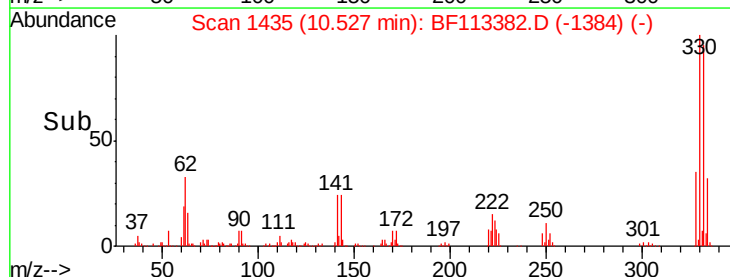
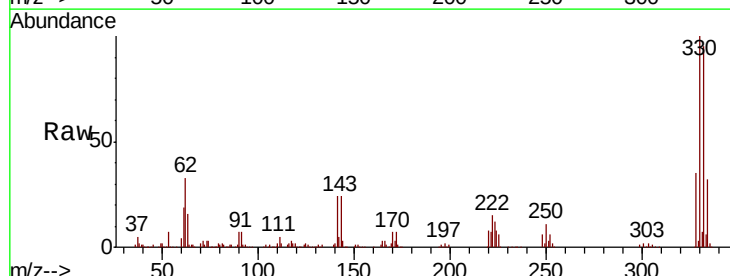
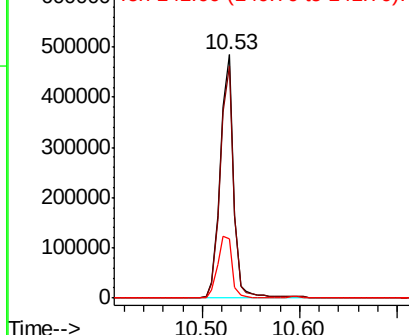
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

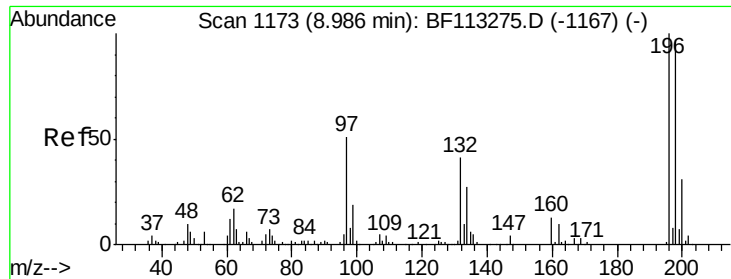


#42
2,4,6-Tribromophenol
Concen: 108.455 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	77.8	116.6
141	27.6	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





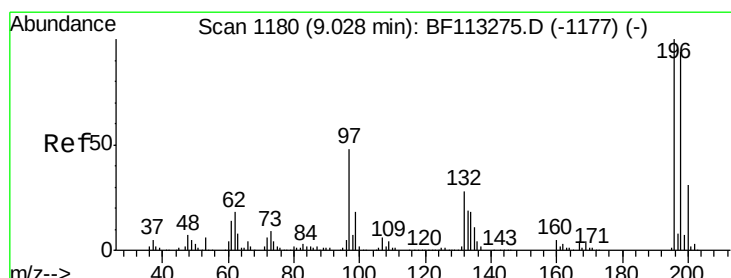
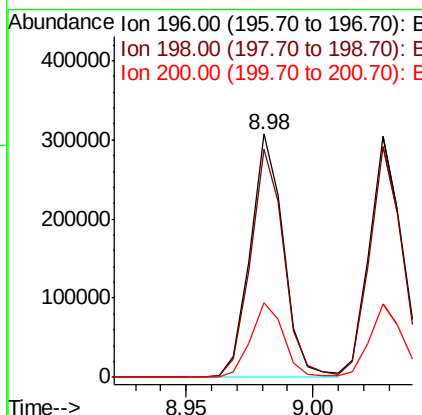
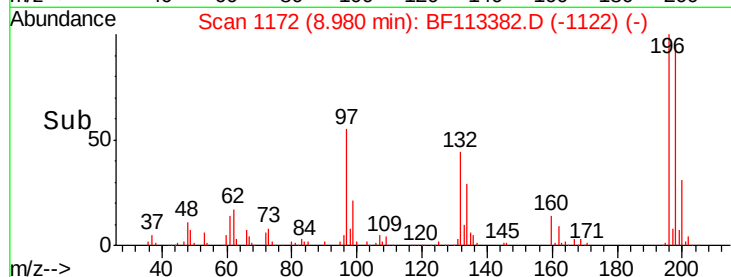
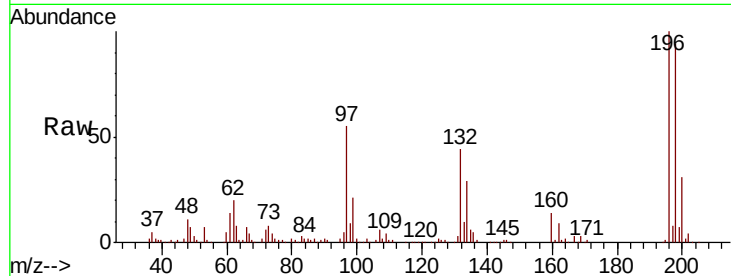
#43
 2,4,6-Trichlorophenol
 Concen: 38.626 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampled :
 TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	281358		
198	93.9	77.7	116.5	
200	30.5	24.9	37.3	

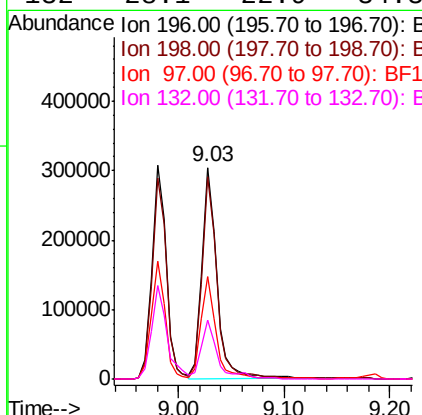
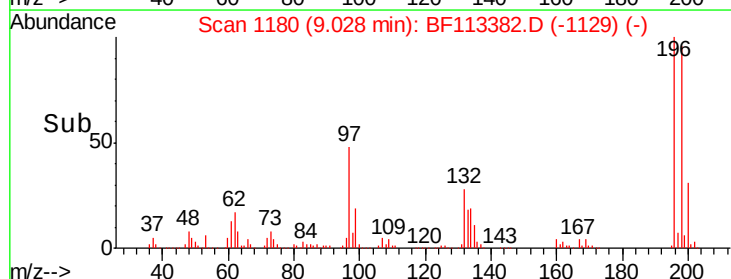
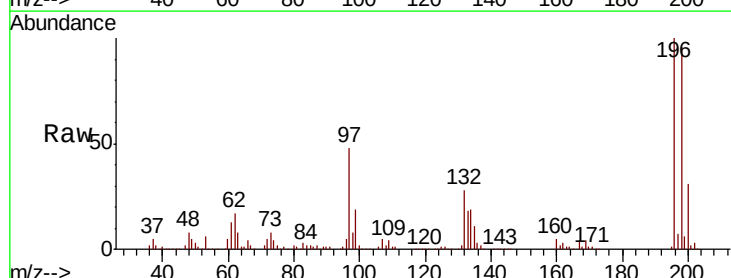
Manual Integrations
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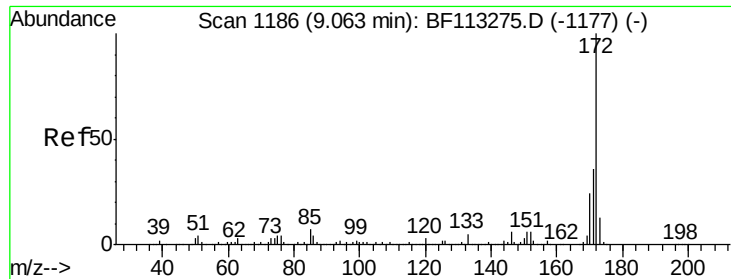
Sohil
 3/29/2019 4:47:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.271 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300456		
198	95.9	75.4	113.2	
97	48.5	38.6	58.0	
132	28.1	22.9	34.3	





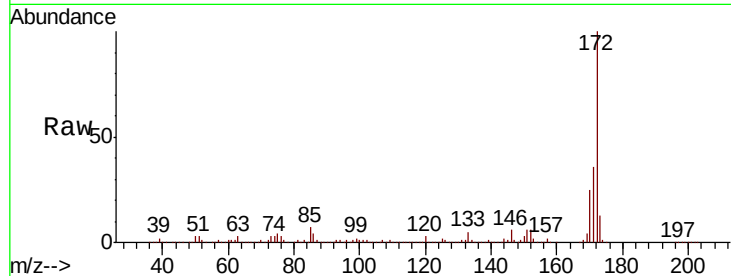
#45
2-Fluorobiphenyl
Concen: 71.066 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.7	19.5	29.3

Manual Integrations
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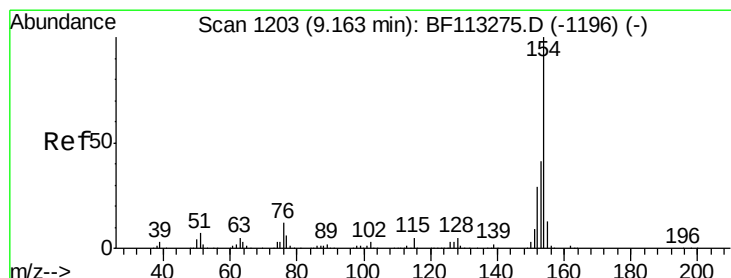
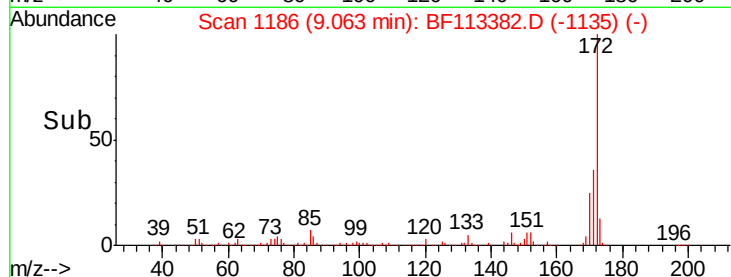
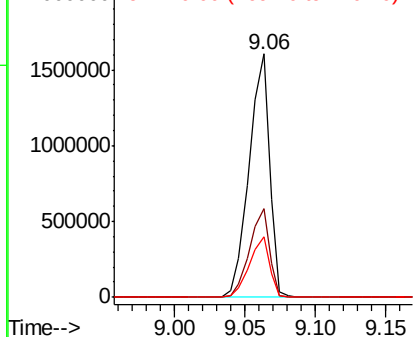


Abundance

Ion 172.00 (171.70 to 172.70): E

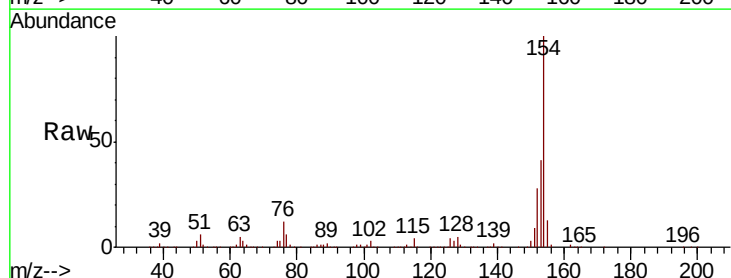
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.427 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	11.8	0.0	31.9

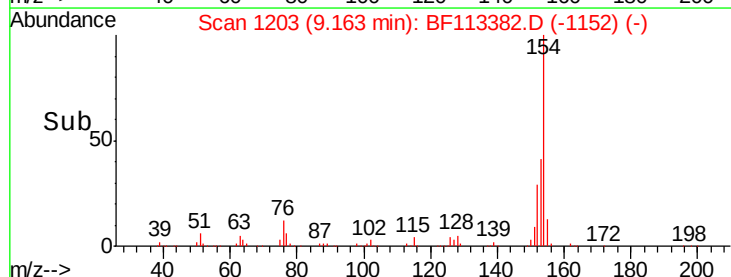
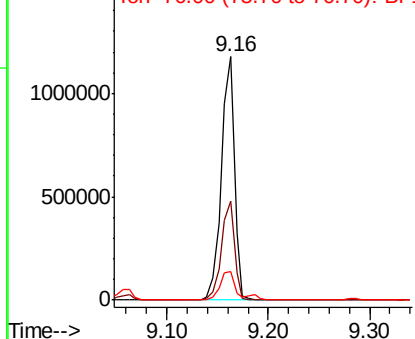


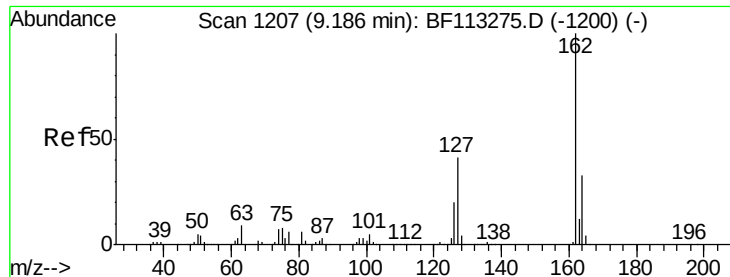
Abundance

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





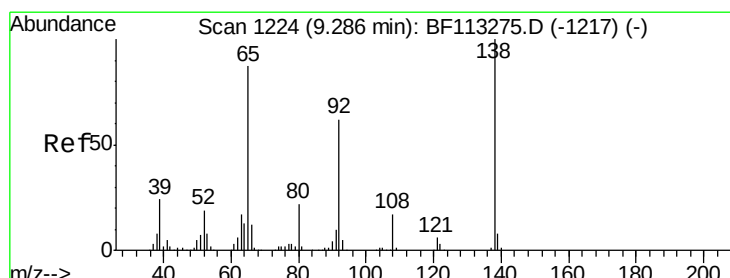
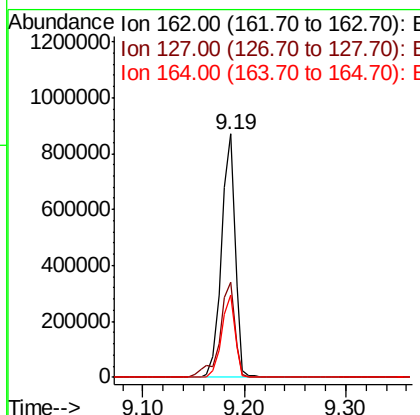
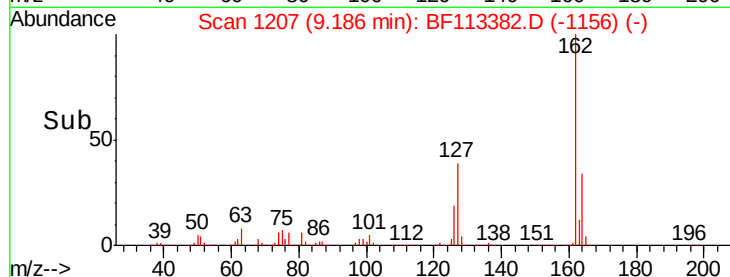
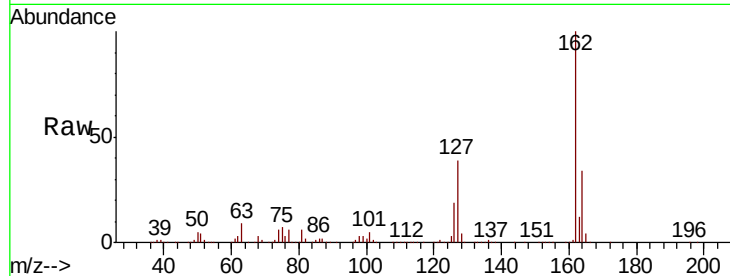
#47
2-Chloronaphthalene
Concen: 36.324 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	813979		
127	39.2		32.6	49.0
164	33.6		26.6	39.8

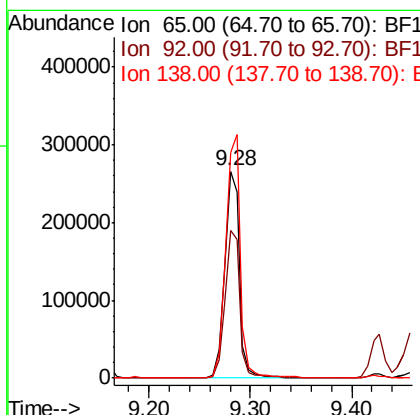
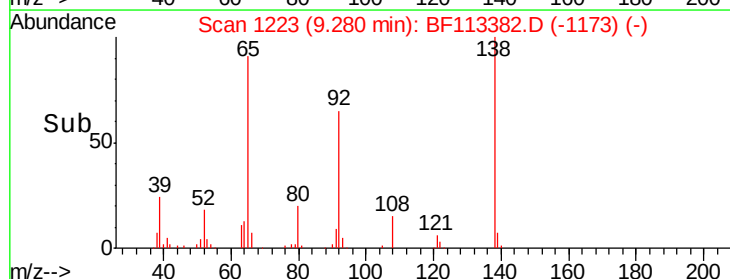
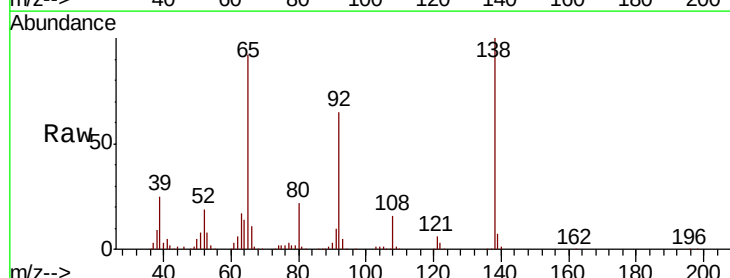
Manual Integrations
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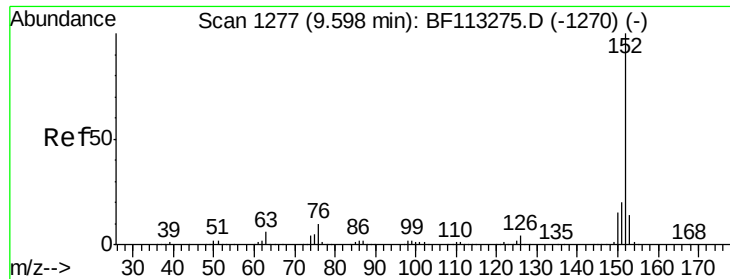
Sohil
3/29/2019 4:47:21 PM



#48
2-Nitroaniline
Concen: 38.049 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	267574		
92	71.0		56.8	85.2
138	109.1		92.3	138.5





#49

Acenaphthylene

Concen: 36.560 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tot Ion:152 Resp: 1324666

Ion Ratio Lower Upper

152 100

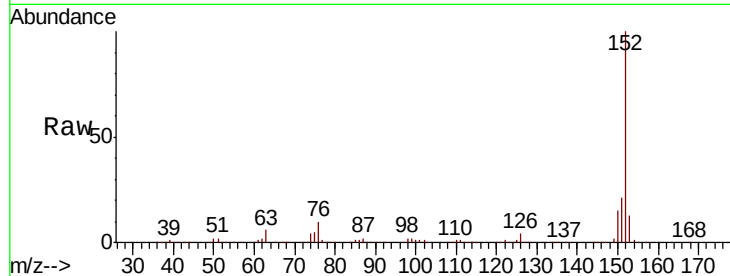
151 20.6 16.2 24.4

153 13.4 11.0 16.6

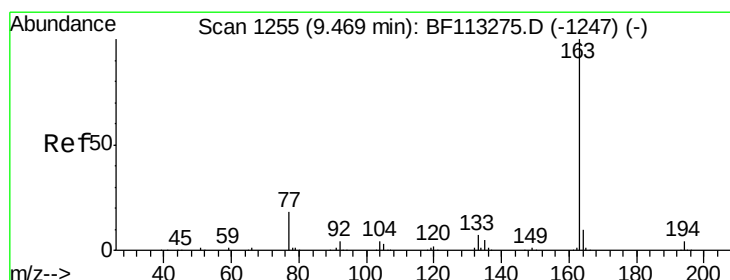
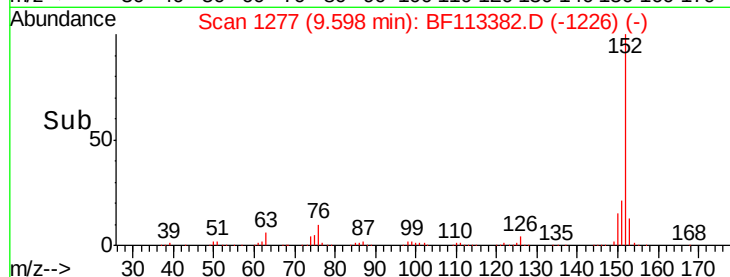
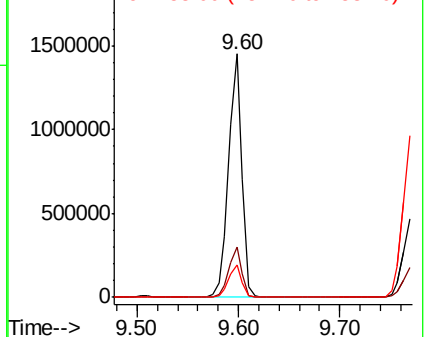
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.932 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

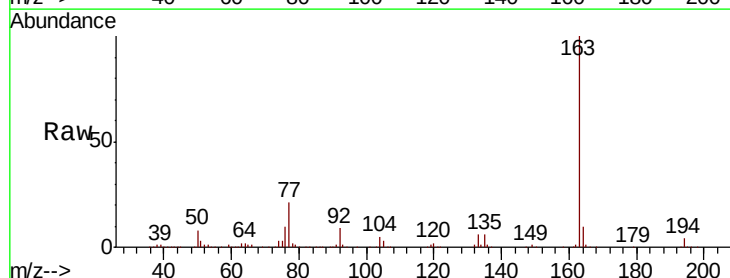
Tgt Ion:163 Resp: 1108716

Ion Ratio Lower Upper

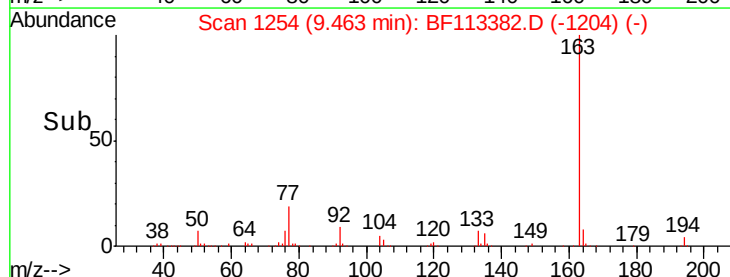
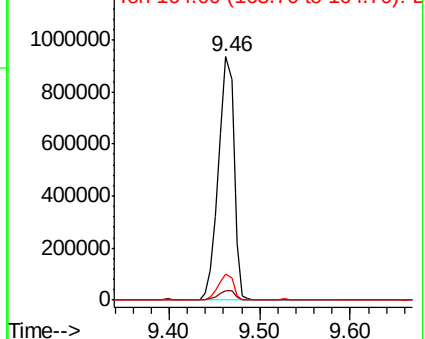
163 100

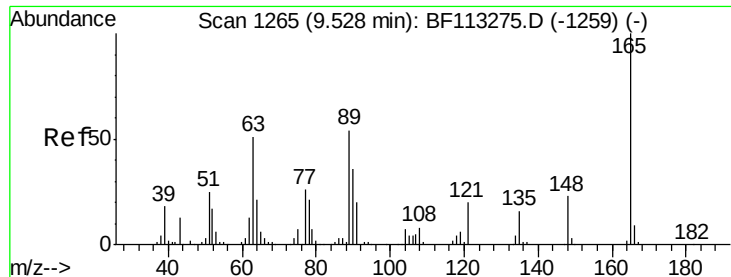
194 3.9 3.0 4.6

164 10.5 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: 38.733 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

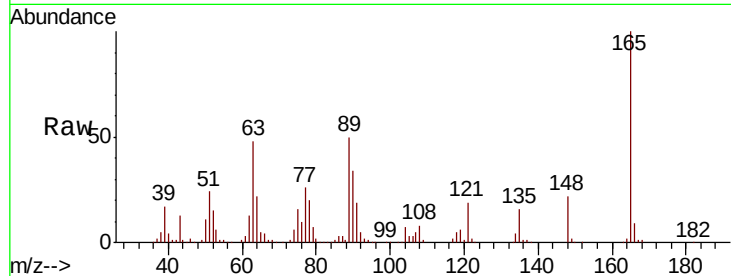
ClientSampled :

TP-8MSD

Tot Ion:	165	Resp:	225657
Ion Ratio	Lower	Upper	
165	100		
63	48.3	43.4	65.0
89	50.3	43.1	64.7

Manual Integrations
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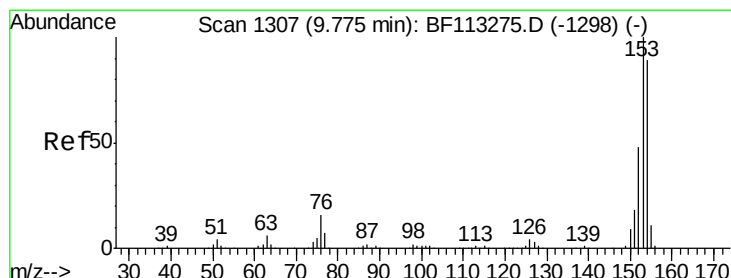
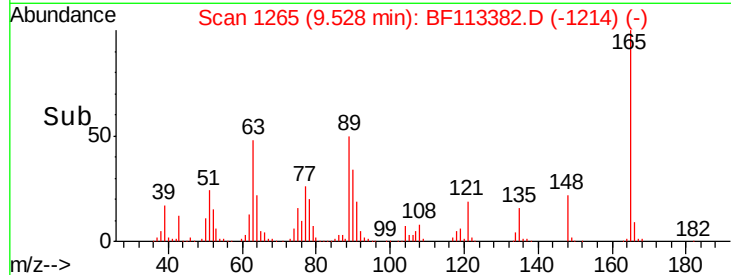
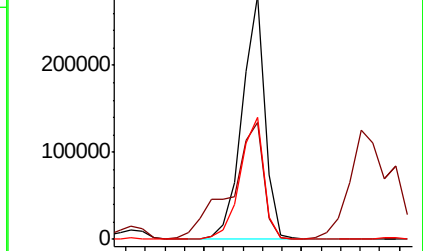
Sohil
3/29/2019 4:47:21 PM



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



#52

Acenaphthene

Concen: 37.377 ng

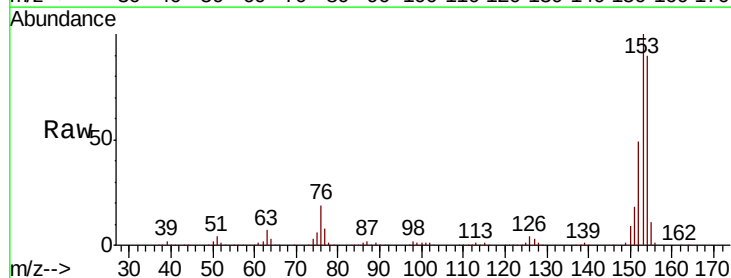
RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

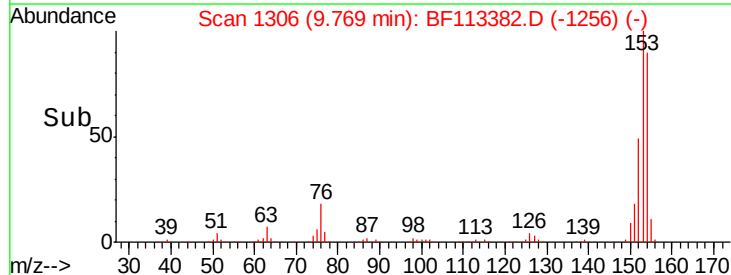
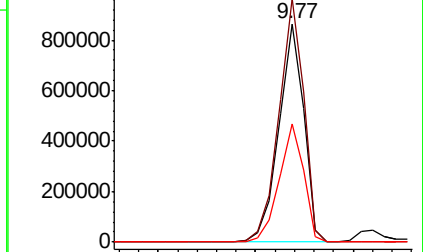
Tgt Ion:	154	Resp:	762661
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.5	134.3
152	54.3	43.3	64.9

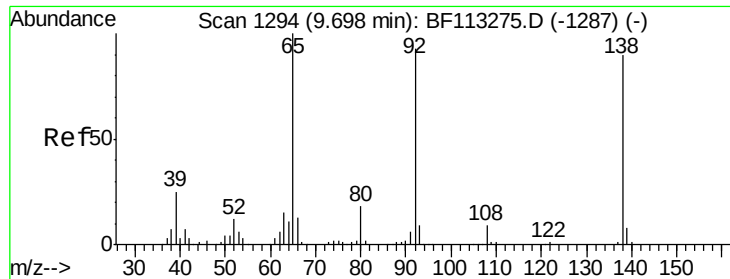


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





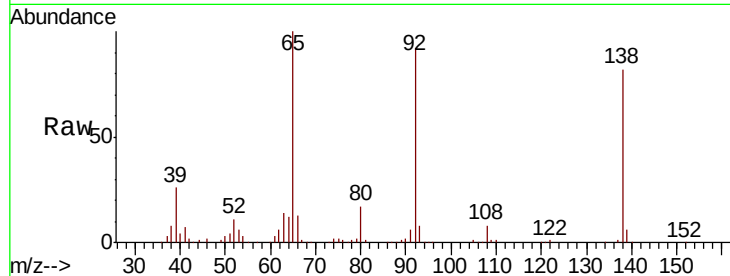
#53
3-Nitroaniline
Concen: 31.930 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.8	11.6
92	113.0	82.6	124.0

Manual Integrations
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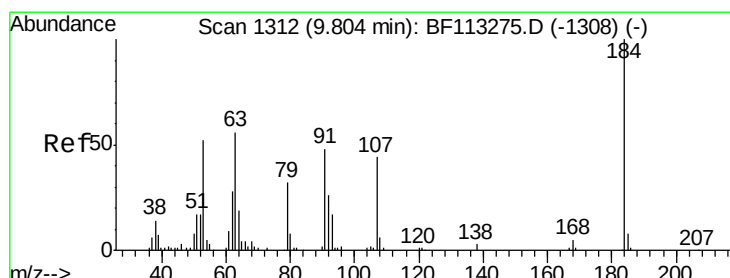
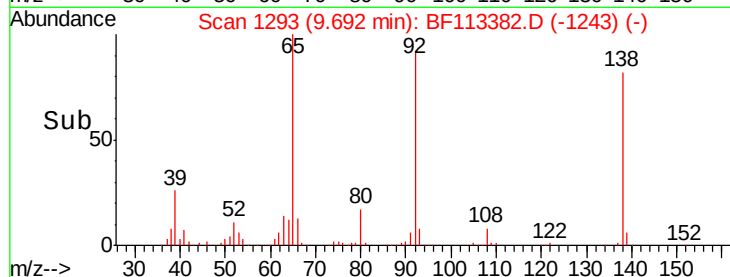
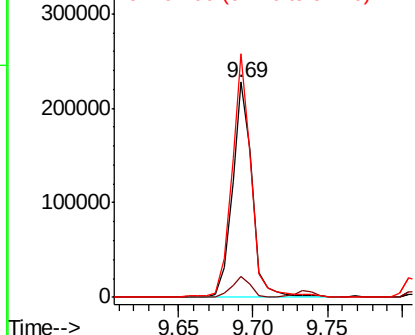


Abundance

Ion 138.00 (137.70 to 138.70): E

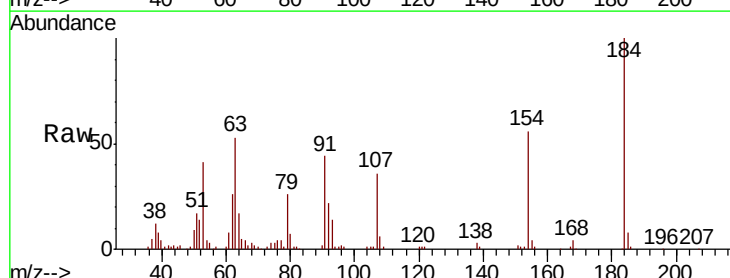
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 37.542 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	54.3	81.5#
154	55.6	48.4	72.6

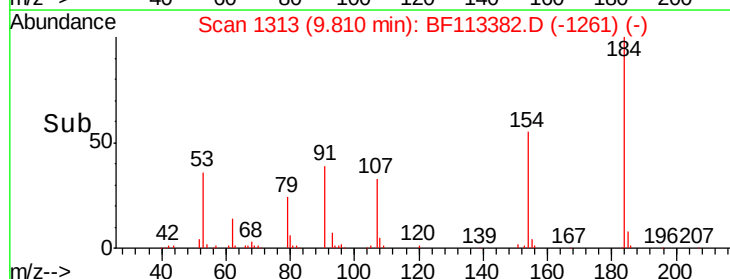
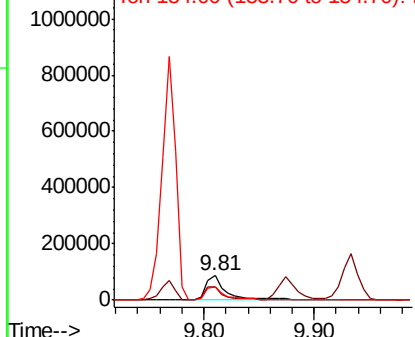


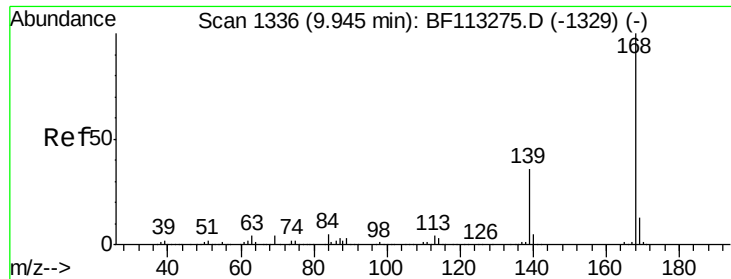
Abundance

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





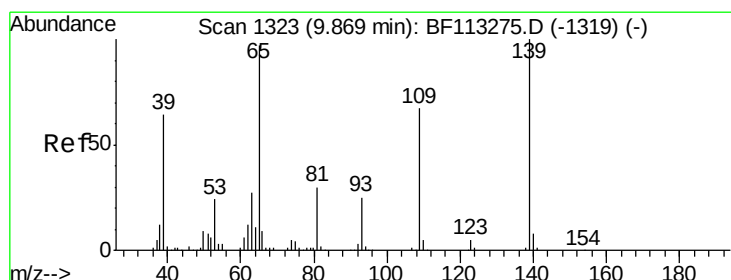
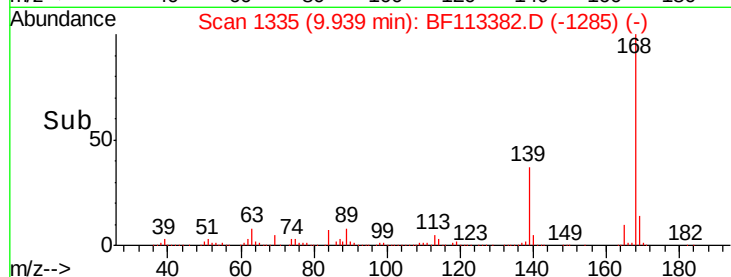
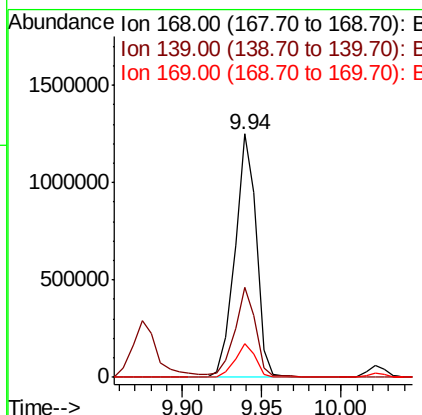
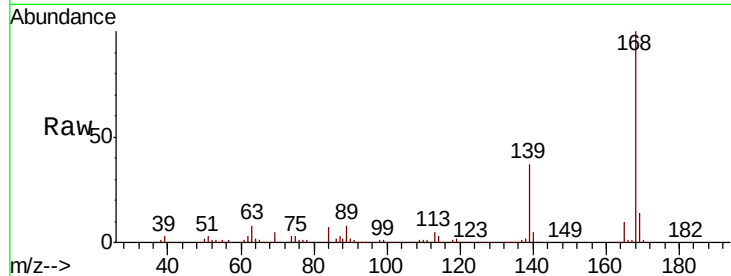
#55
Dibenzofuran
Concen: 37.918 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.7	44.5
169	13.7	10.7	16.1

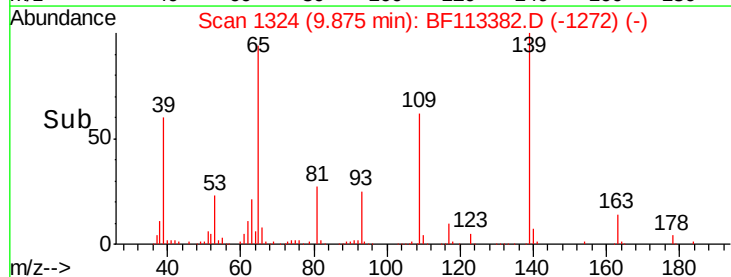
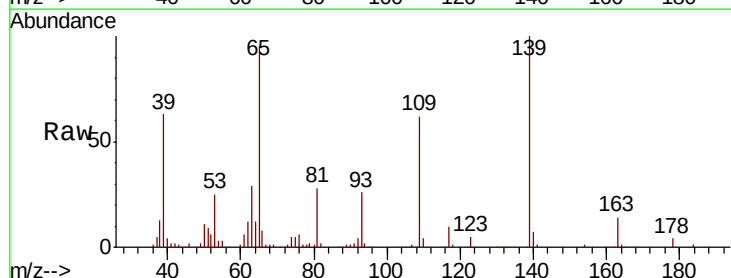
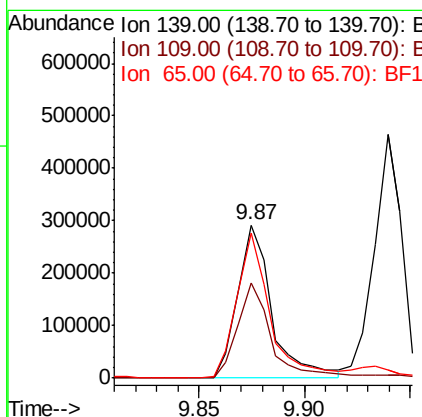
Manual Integrations
APPROVED

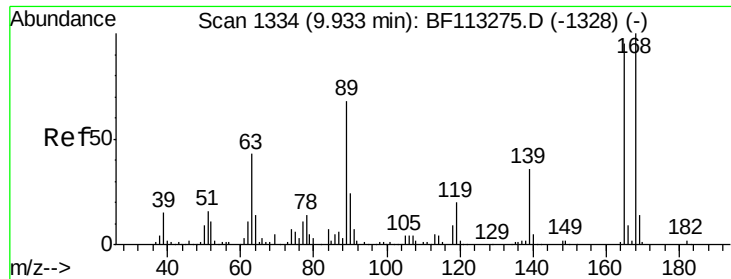
Sohil
3/29/2019 4:47:21 PM



#56
4-Nitrophenol
Concen: 70.403 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	46.9	86.9
65	94.7	77.2	117.2





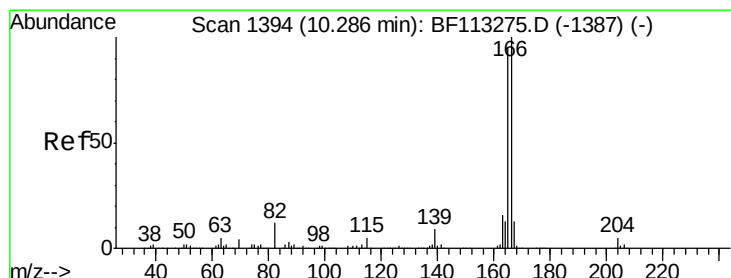
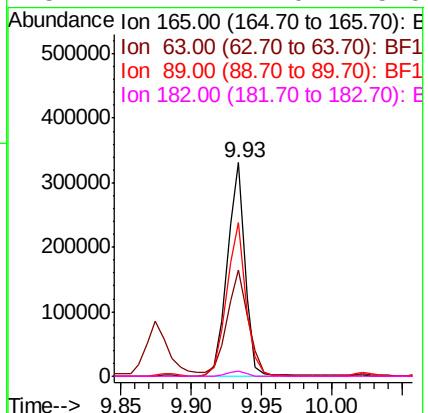
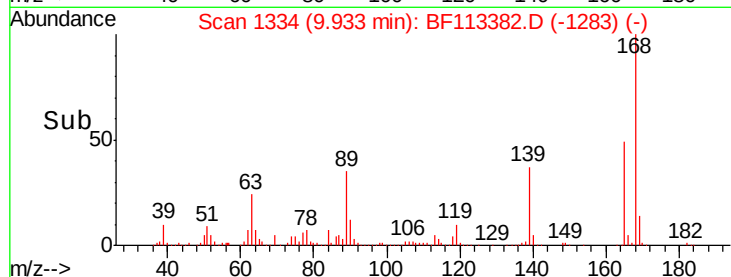
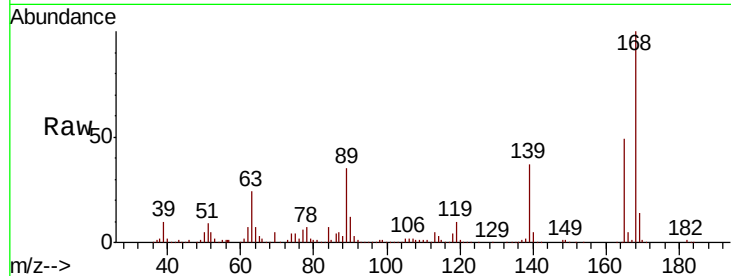
#57
2,4-Dinitrotoluene
Concen: 39.109 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	289756		
63	49.5		37.5	56.3
89	72.2		57.4	86.2
182	2.4		2.0	3.0

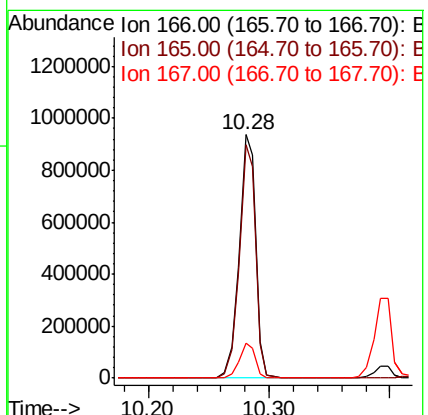
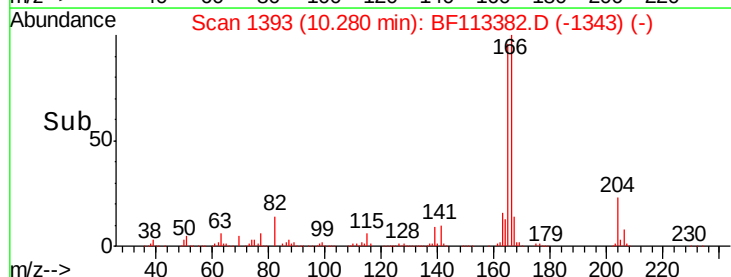
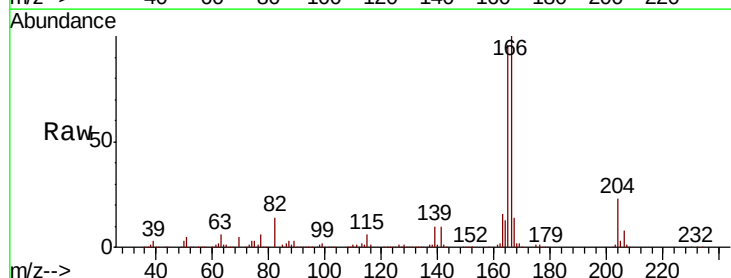
Manual Integrations
APPROVED

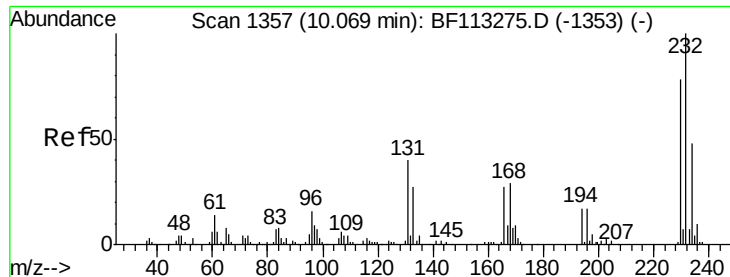
Sohil
3/29/2019 4:47:21 PM



#58
Fluorene
Concen: 37.529 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	894304		
165	95.7		76.2	114.2
167	14.1		10.7	16.1





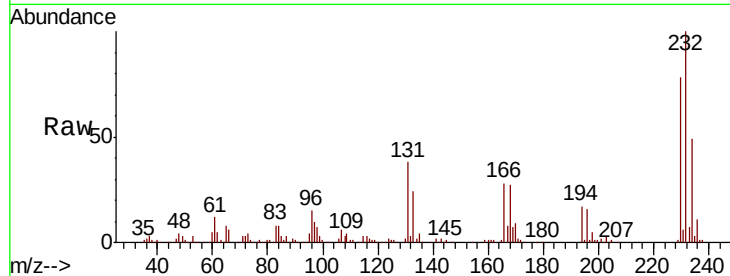
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.262 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	267654		
131	42.6		33.2	49.8
130	1.8		1.6	2.4
166	28.2		21.0	31.6

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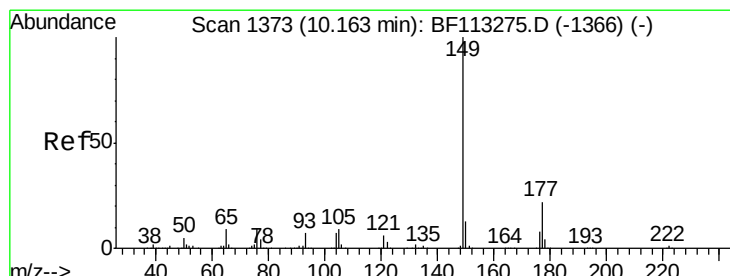
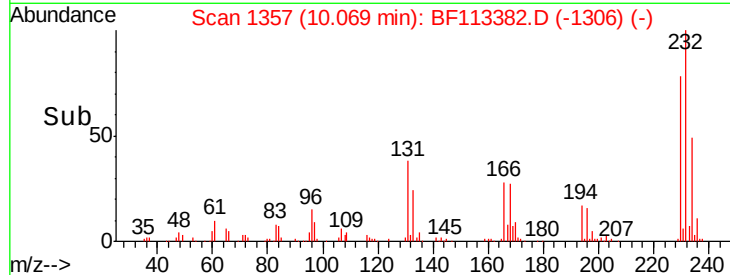
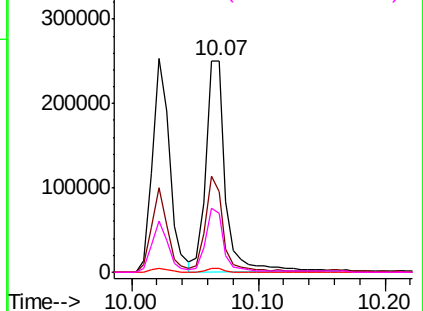
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

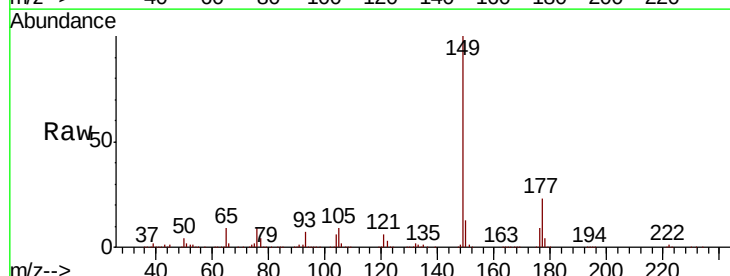
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.129 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1016633		
177	22.7		17.4	26.0
150	12.8		10.0	15.0

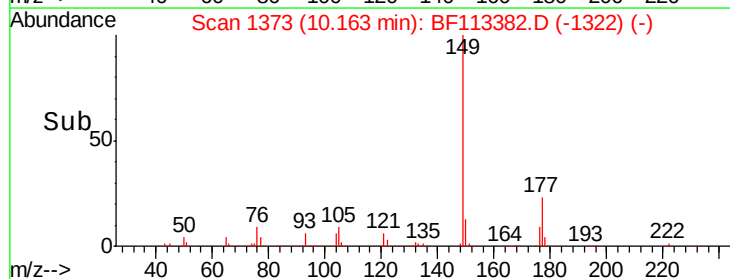
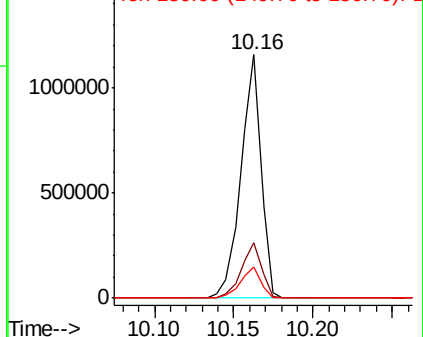


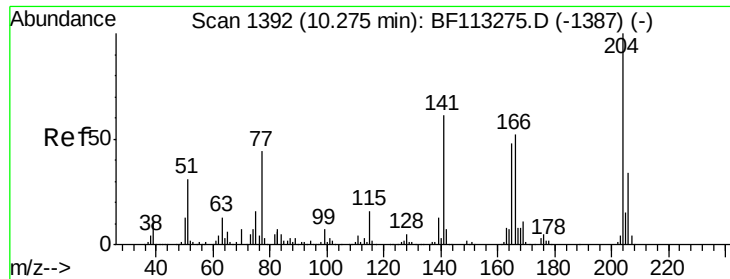
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





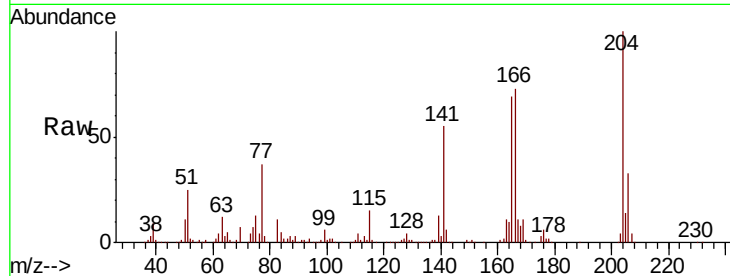
#61
4-Chlorophenyl-phenylether
Concen: 39.079 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.9	40.3
141	55.2	48.8	73.2

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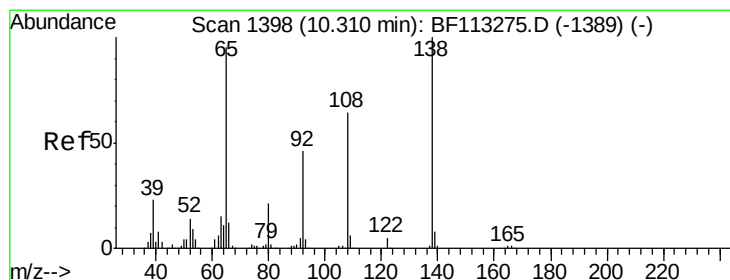
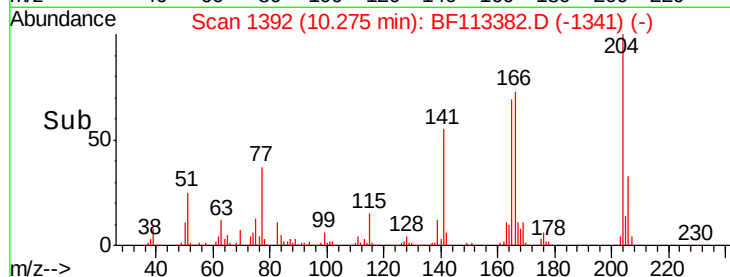
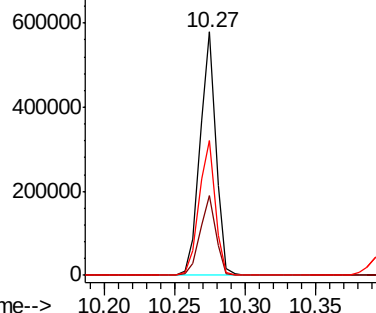


Abundance

Ion 204.00 (203.70 to 204.70): E

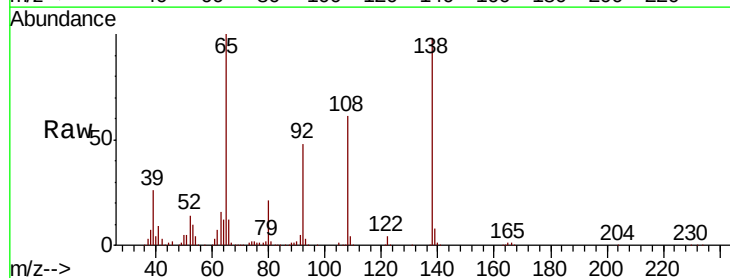
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.521 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	25.8	65.8
108	61.9	44.0	84.0

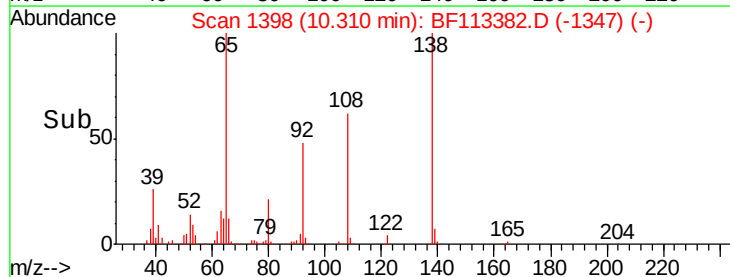
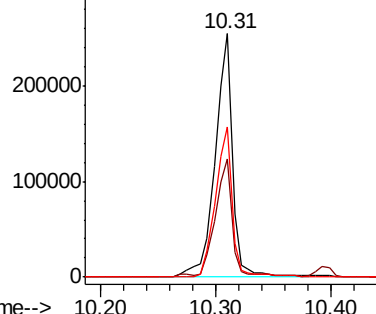


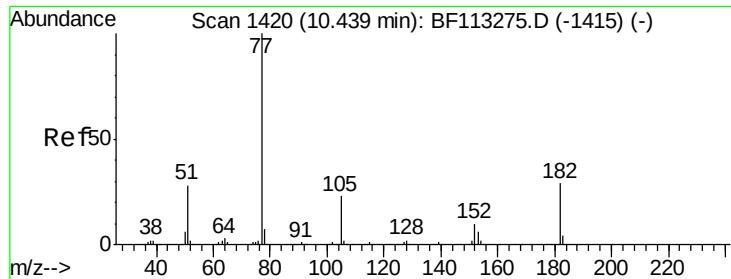
Abundance

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





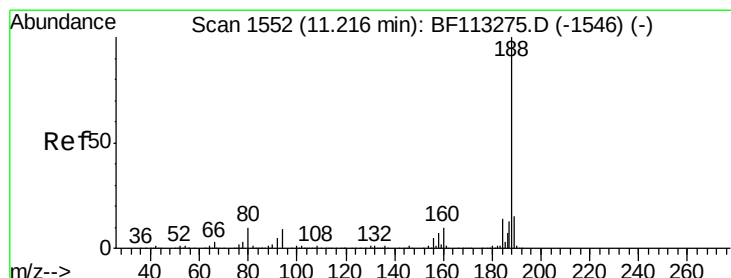
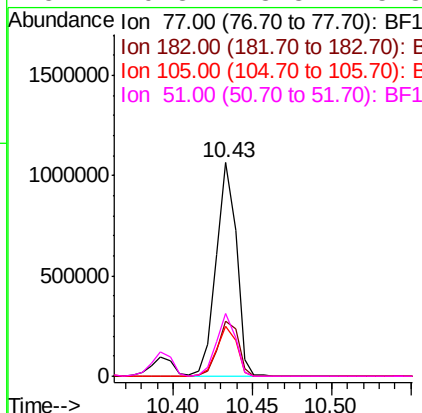
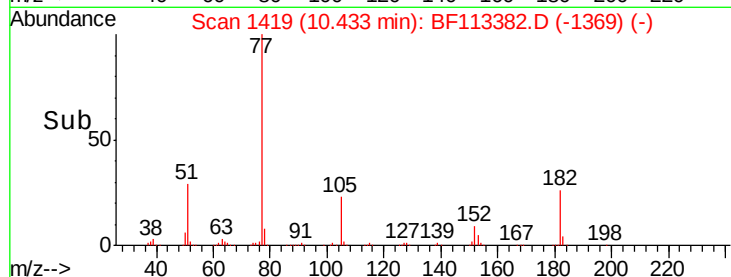
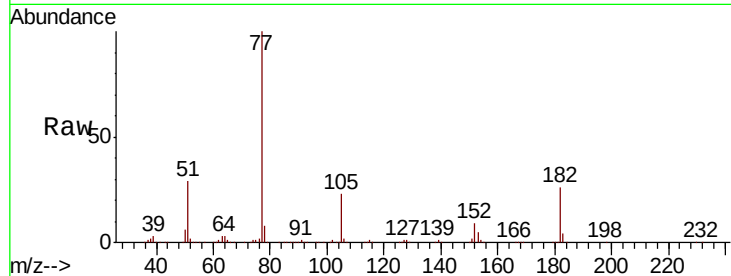
#63
Azobenzene
Concen: 39.598 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	8.7	48.7	
105	23.3	2.9	42.9	
51	29.3	8.8	48.8	

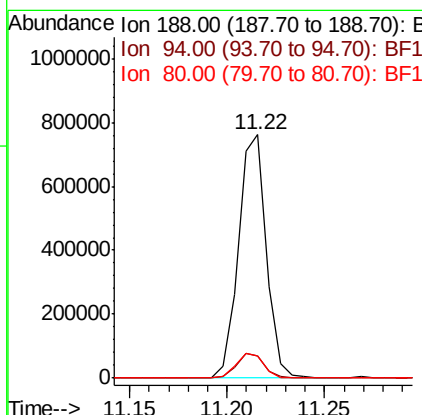
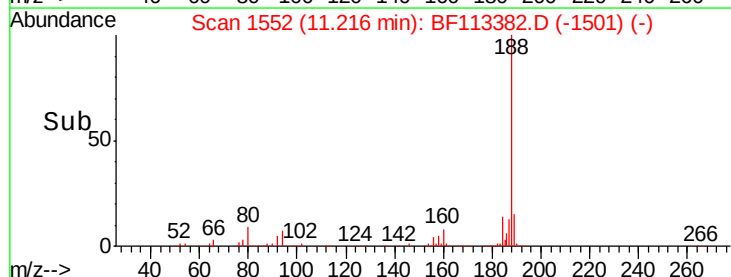
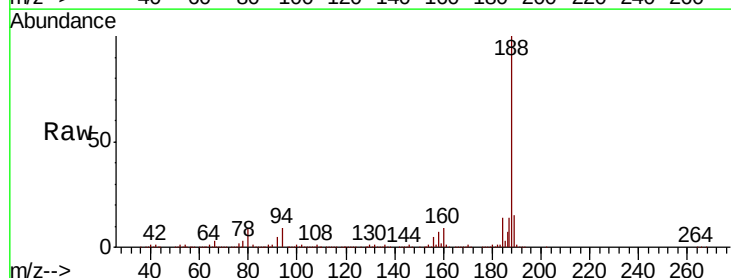
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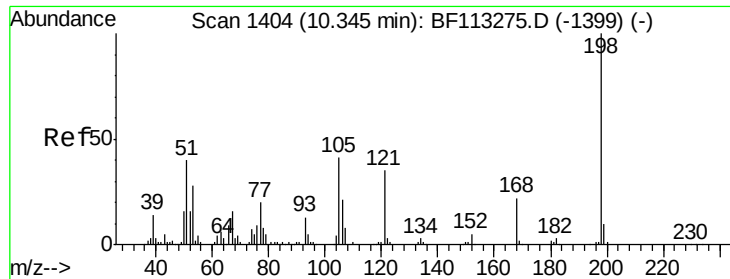
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	7.0	10.6	
80	9.0	7.7	11.5	





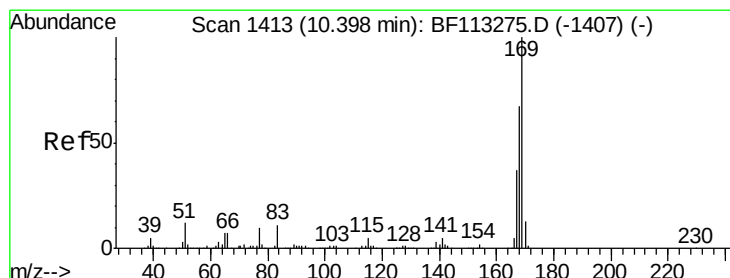
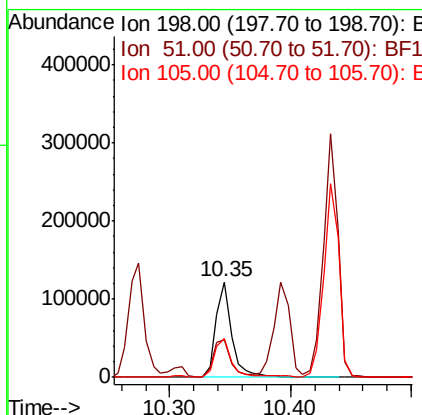
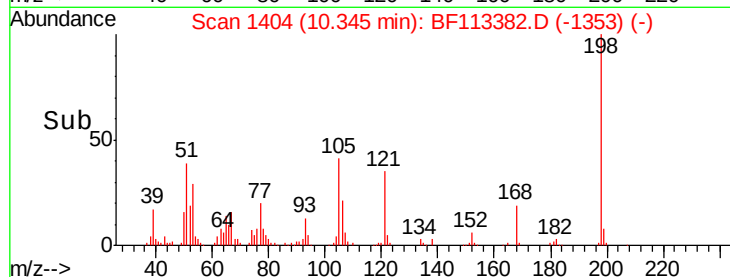
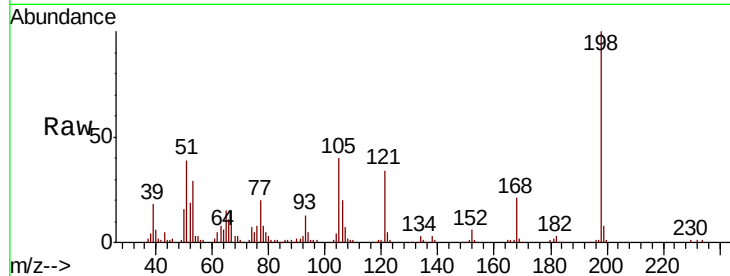
#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.136 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	111172		
51	39.4	21.6	61.6	
105	40.4	20.6	60.6	

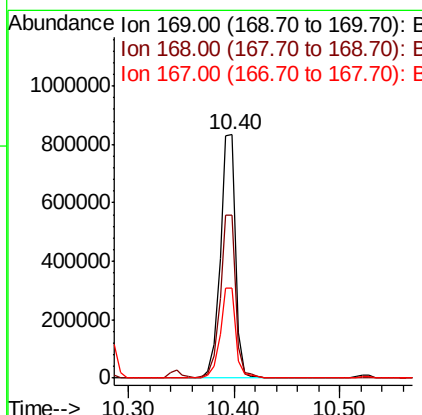
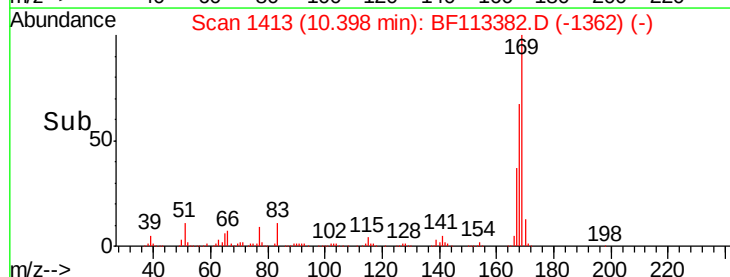
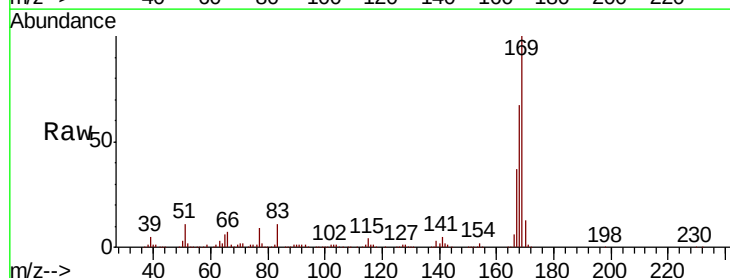
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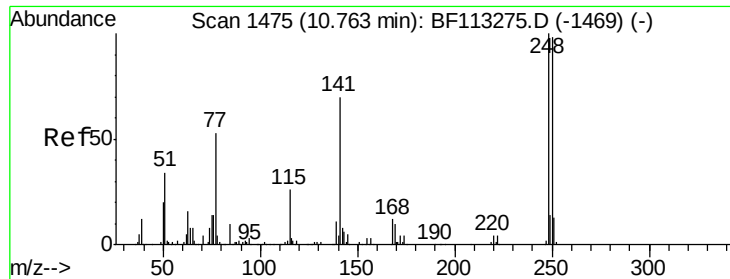
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 36.809 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	845885		
168	66.8	53.7	80.5	
167	37.1	29.5	44.3	





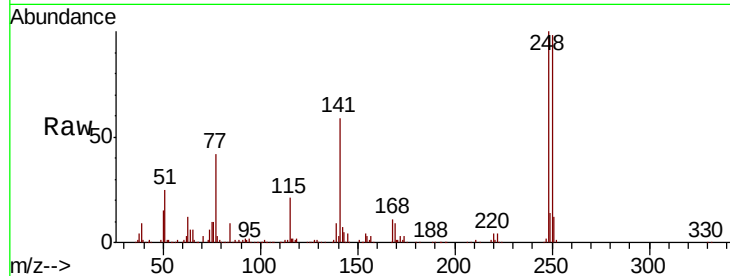
#67
4-Bromophenyl-phenylether
Concen: 37.635 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampled :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	59.3	56.2	84.4

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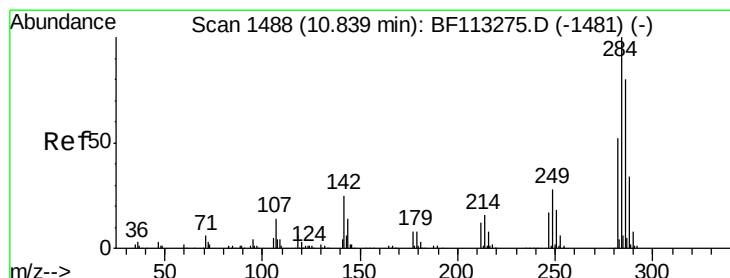
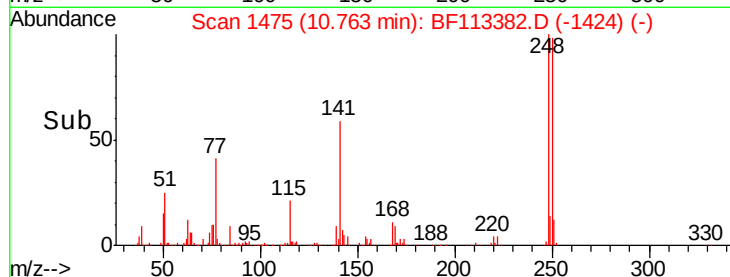
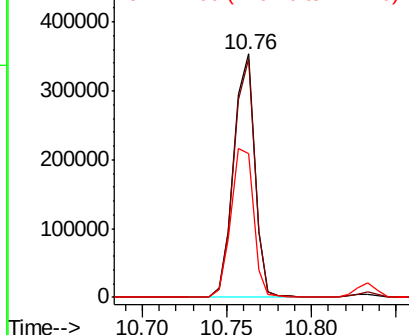


Abundance

Ion 248.00 (247.70 to 248.70): E

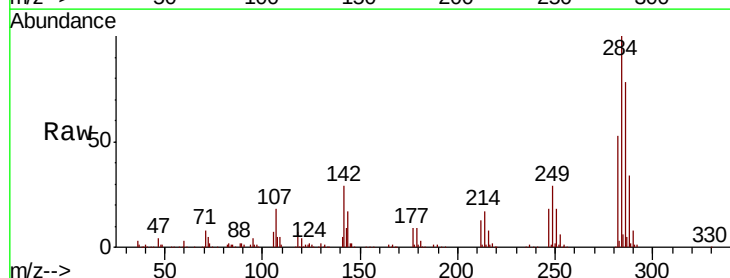
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.586 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	20.1	30.1
249	28.8	22.7	34.1

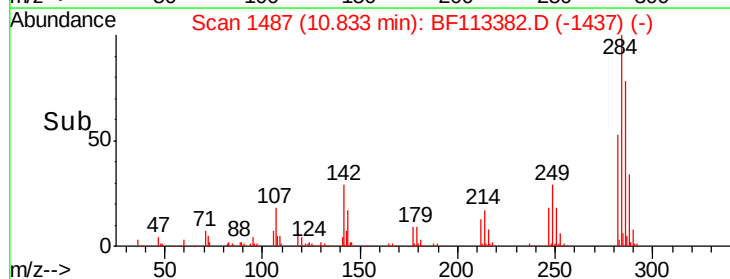
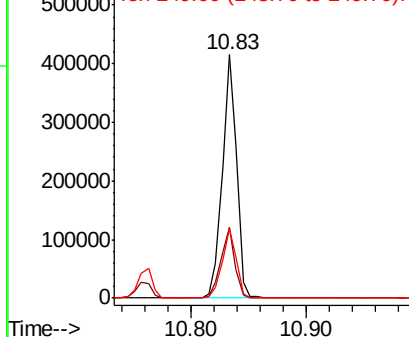


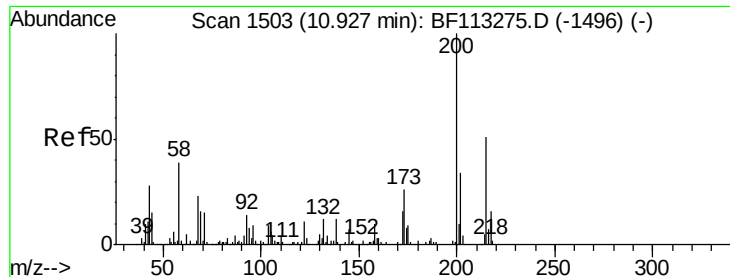
Abundance

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





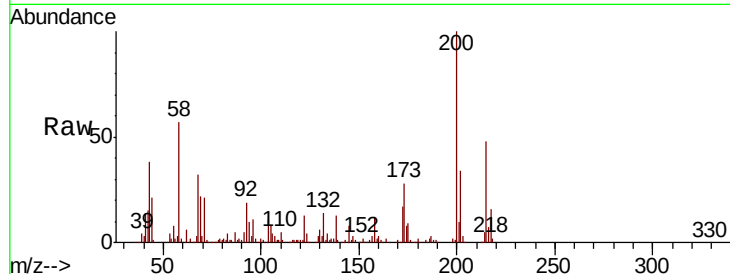
#69
Atrazine
Concen: 40.574 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	294301		
173	28.4	6.0	46.0	
215	47.8	31.3	71.3	

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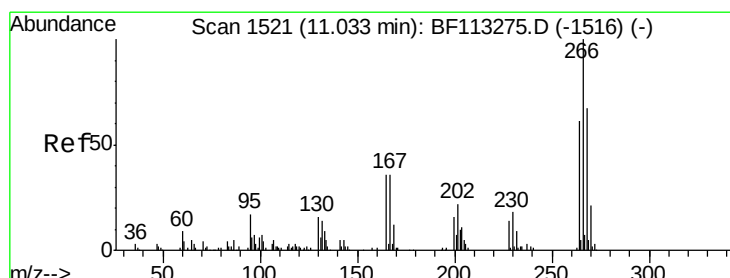
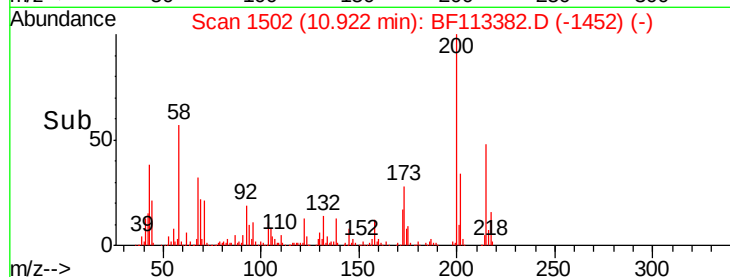
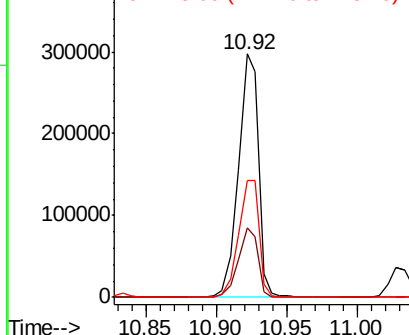


Abundance

Ion 200.00 (199.70 to 200.70): E

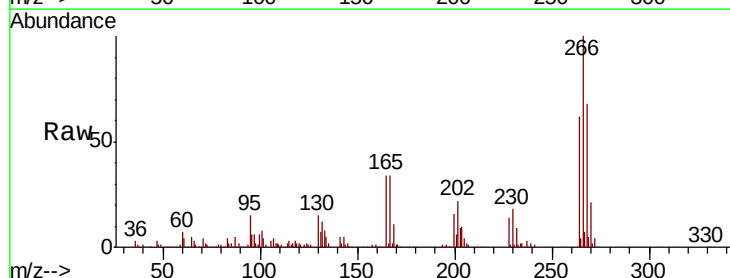
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.439 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	283531		
268	67.8	53.8	80.6	
264	61.5	49.2	73.8	

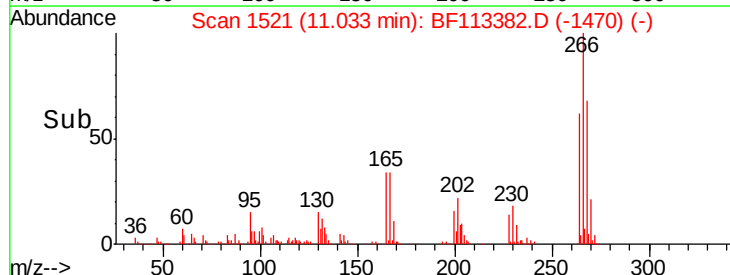
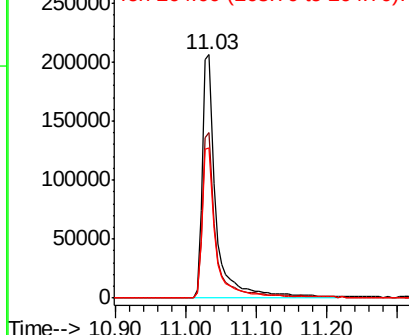


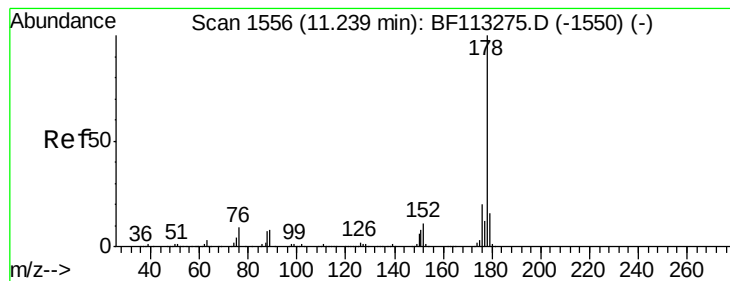
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.561 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tot Ion:178 Resp: 1396900

Ion Ratio Lower Upper

178 100

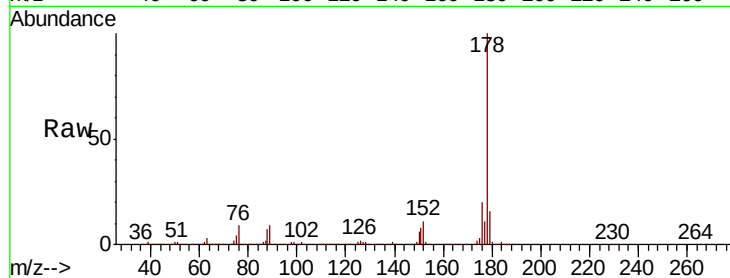
176 20.2 16.2 24.2

179 16.0 12.7 19.1

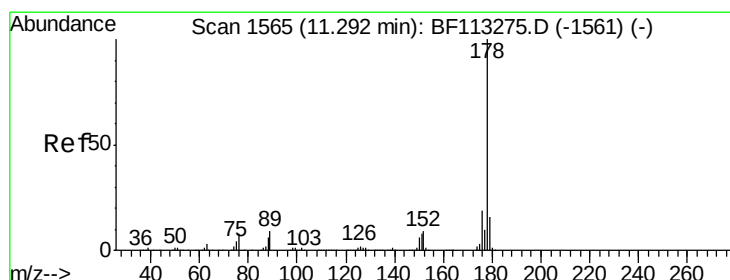
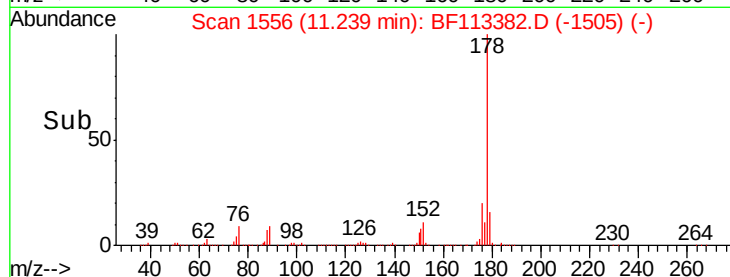
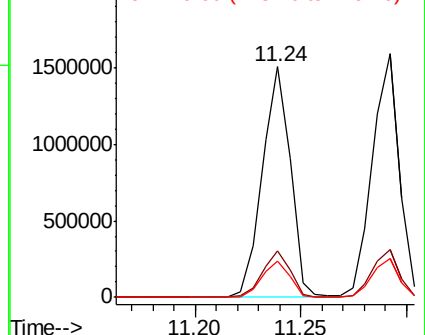
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.275 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Tgt Ion:178 Resp: 1445867

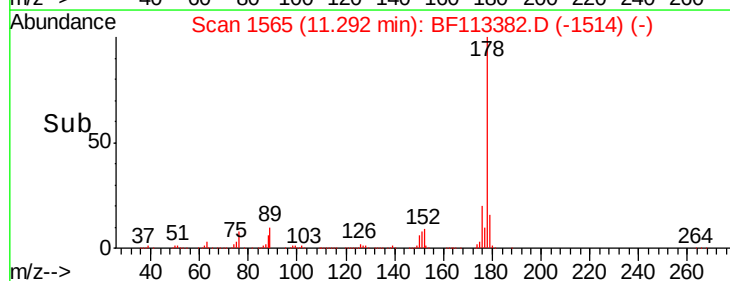
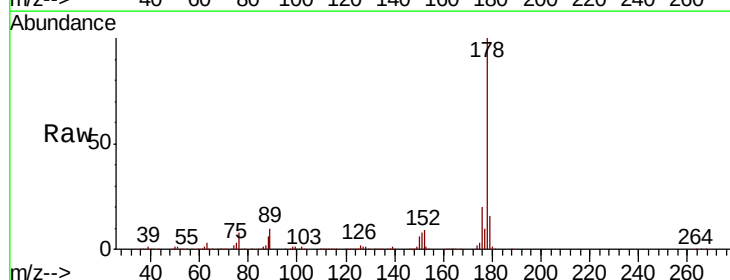
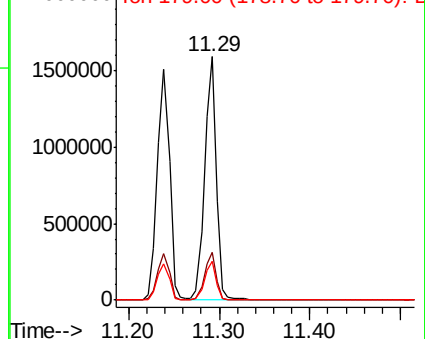
Ion Ratio Lower Upper

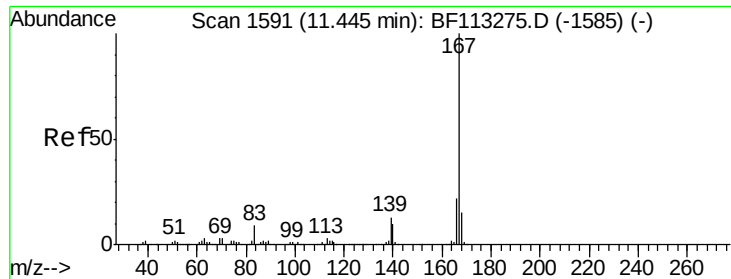
178 100

176 19.5 15.4 23.2

179 15.9 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





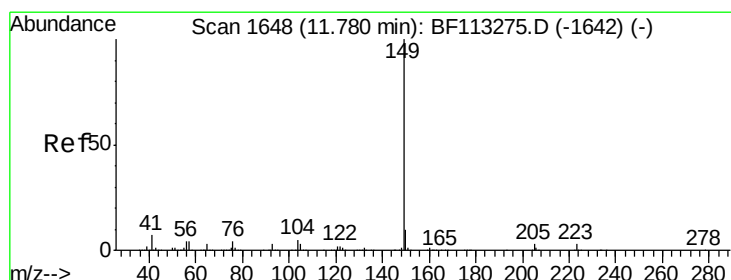
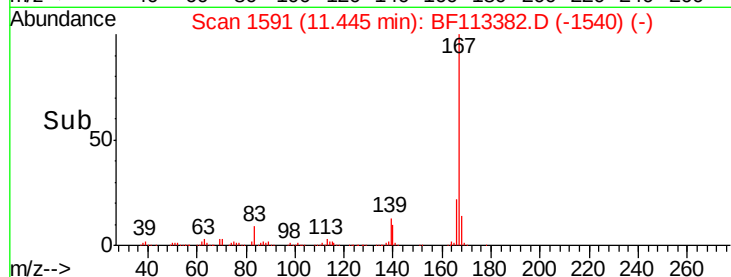
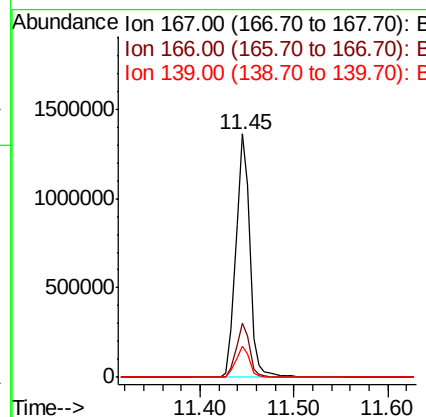
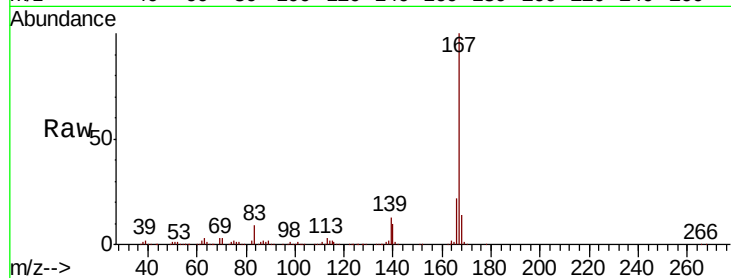
#73
 Carbazole
 Concen: 39.105 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.8	10.4	15.6

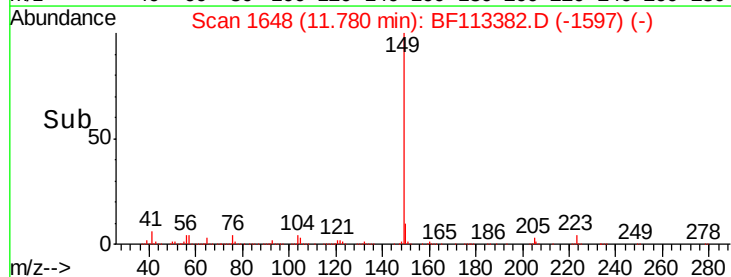
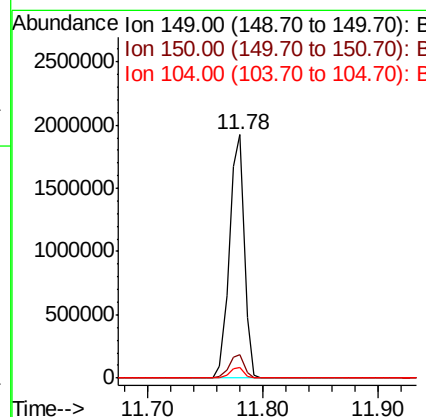
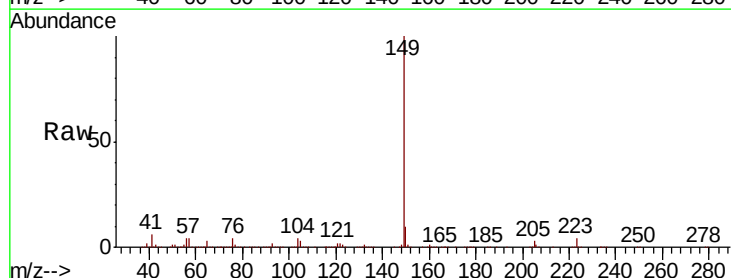
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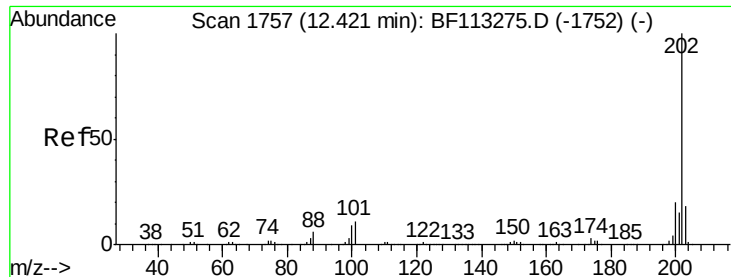
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 3/29/2019 4:47:21 PM



#74
 Di-n-butylphthalate
 Concen: 41.324 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.3	3.7	5.5





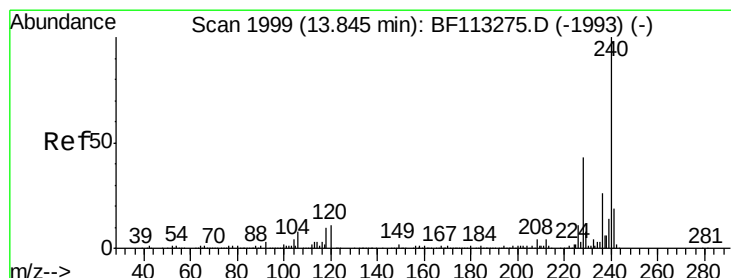
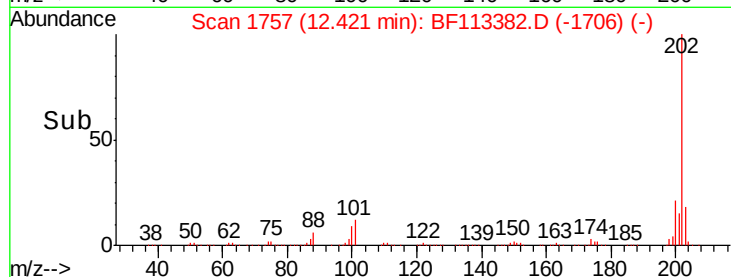
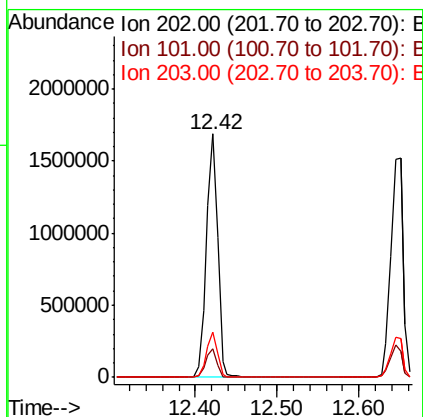
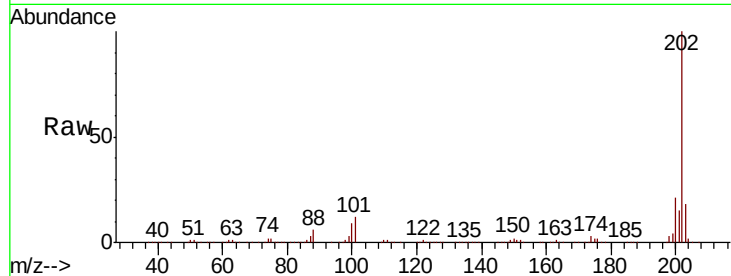
#75
Fluoranthene
Concen: 38.532 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1620024		
101	11.8	0.0	31.4	
203	18.3	0.0	38.0	

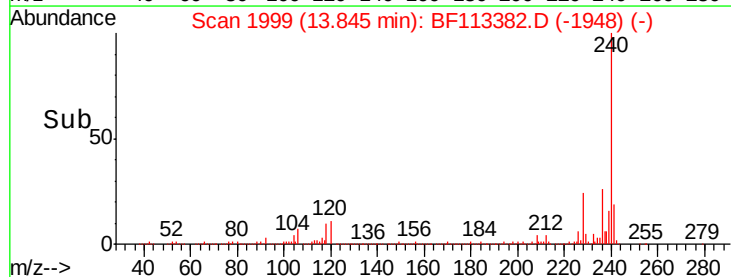
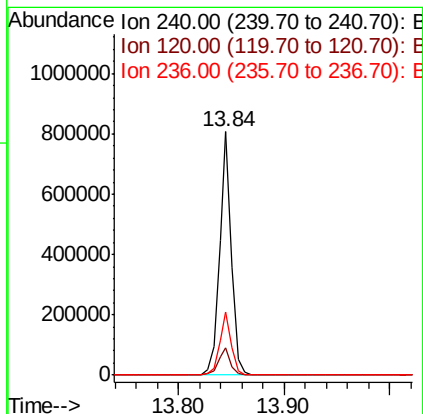
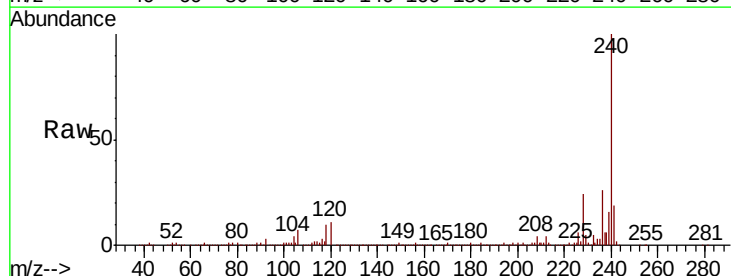
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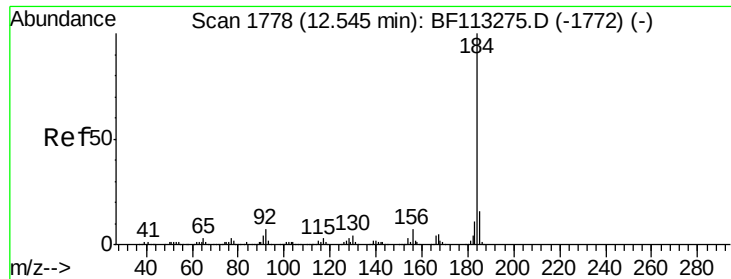
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	637101		
120	11.0	8.8	13.2	
236	26.2	20.9	31.3	





#77

Benzidine

Concen: 1.805 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tot Ion:184 Resp: 44047

Ion Ratio Lower Upper

184 100

185 18.7 13.0 19.6

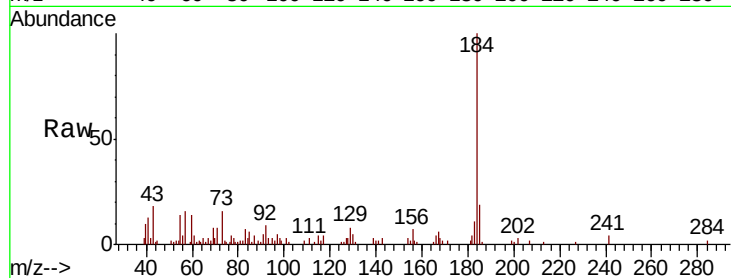
183 10.7 9.0 13.4

Manual Integrations

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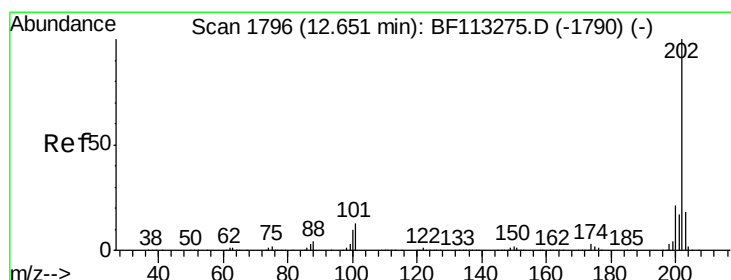
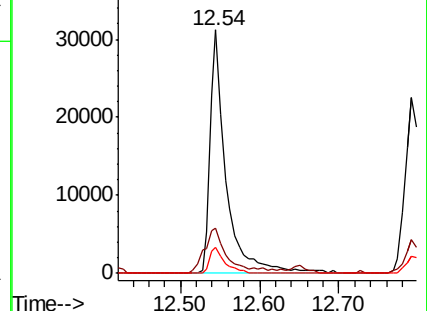
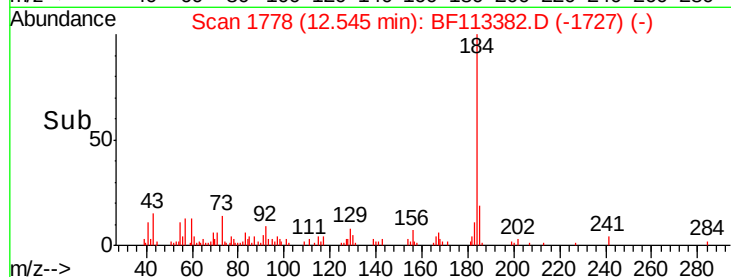
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.786 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

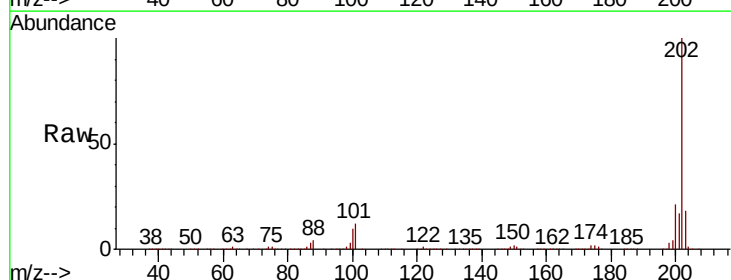
Tgt Ion:202 Resp: 1624044

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

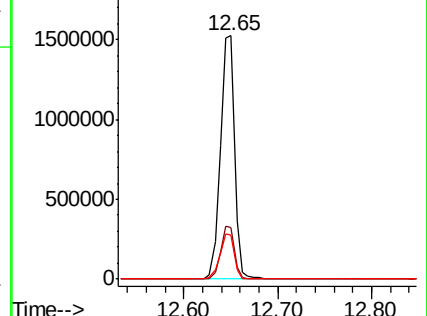
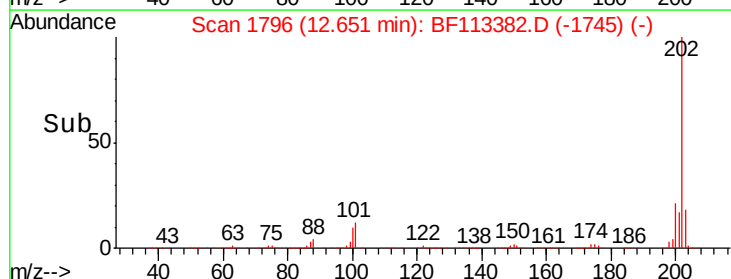
203 17.9 14.4 21.6

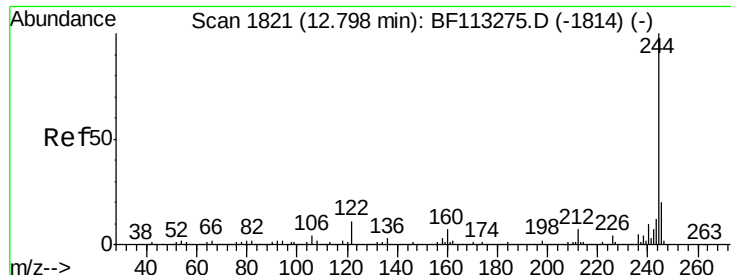


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





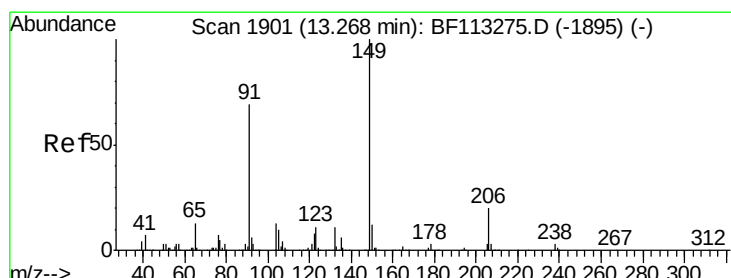
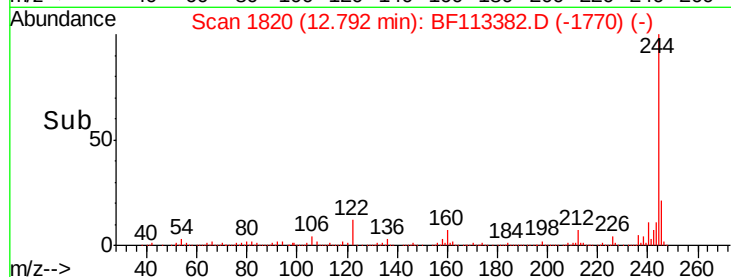
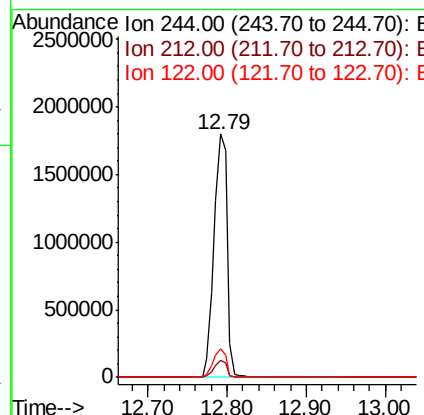
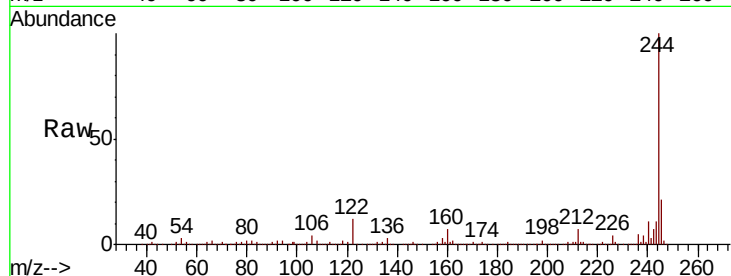
#79
 Terphenyl-d14
 Concen: 71.950 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Instrument :
 BNA_F
 ClientSampled :
 TP-8MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.9	8.6	13.0

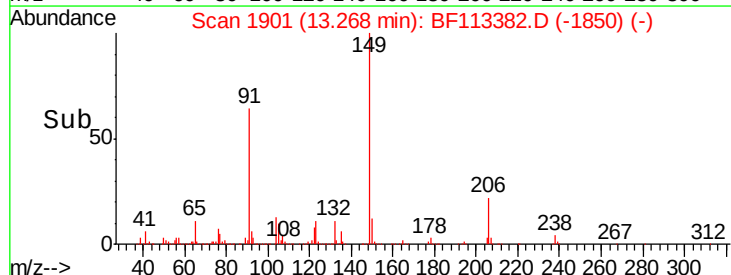
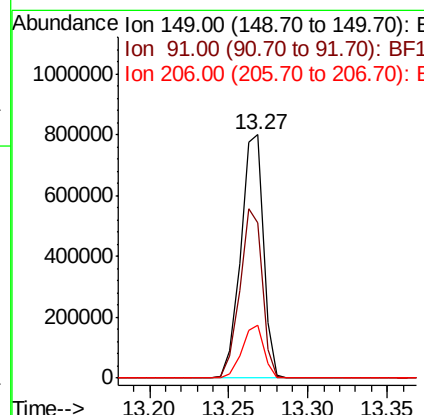
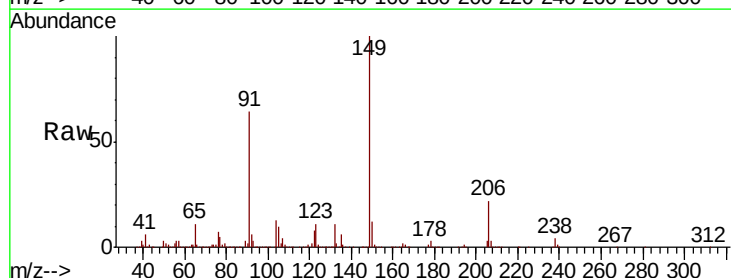
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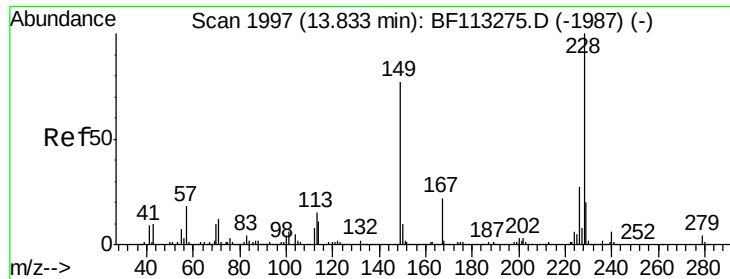
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#80
 Butylbenzylphthalate
 Concen: 40.746 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BF113382.D
 Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	55.2	82.8
206	21.7	16.1	24.1





#81

Benzo(a)anthracene

Concen: 36.043 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

ClientSampled :

TP-8MSD

Tot Ion:228 Resp: 1314440

Ion Ratio Lower Upper

228 100

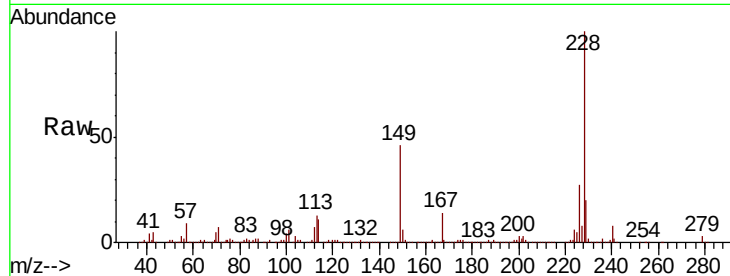
226 27.4 21.8 32.8

229 20.1 16.2 24.4

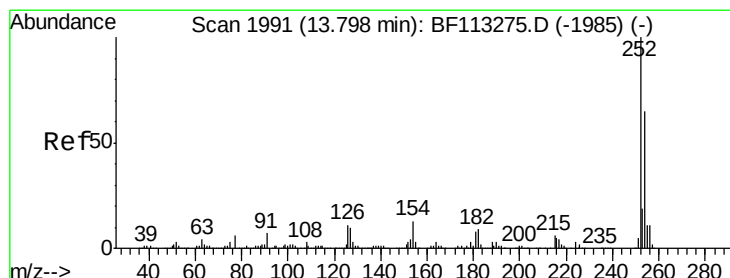
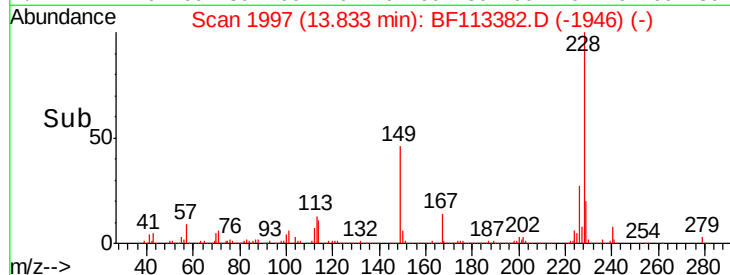
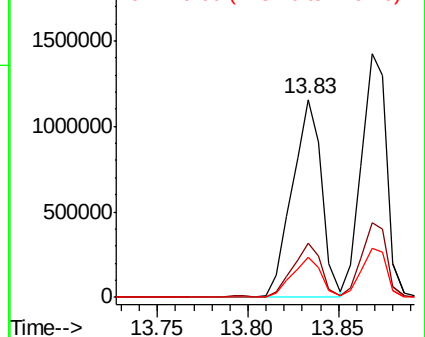
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.166 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

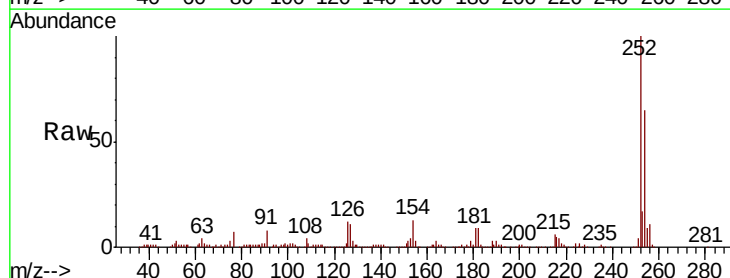
Tgt Ion:252 Resp: 485225

Ion Ratio Lower Upper

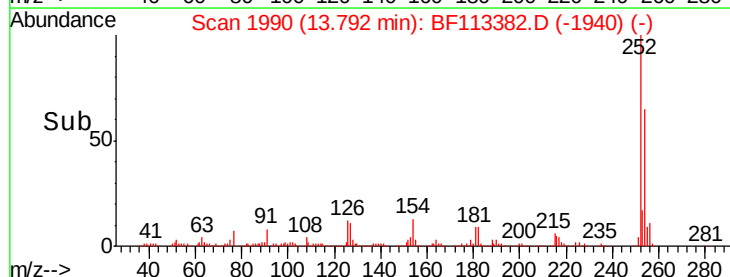
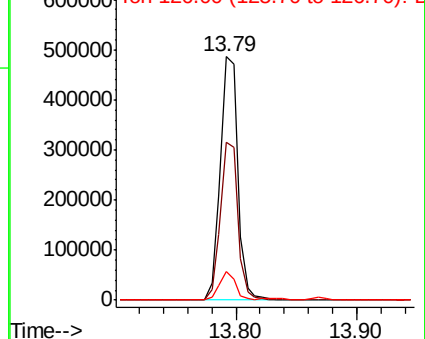
252 100

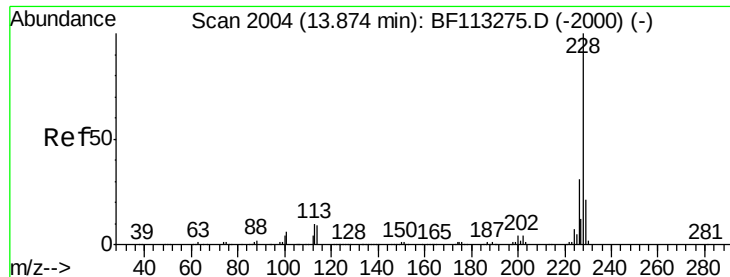
254 65.0 52.2 78.2

126 11.6 8.5 12.7



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





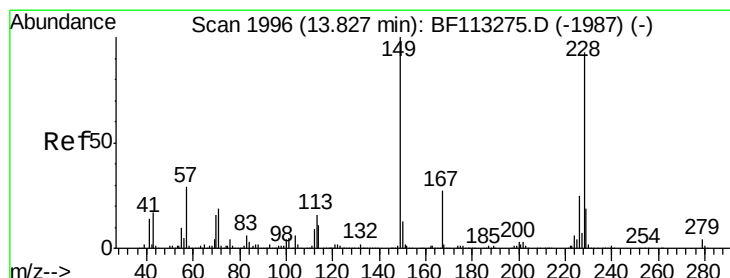
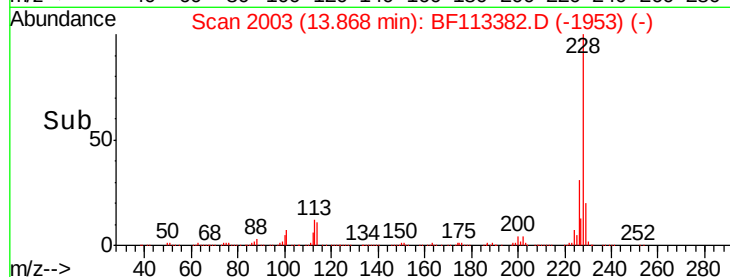
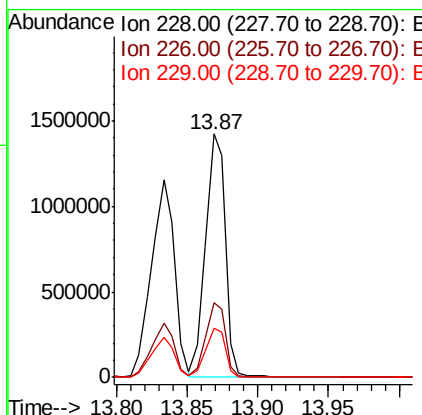
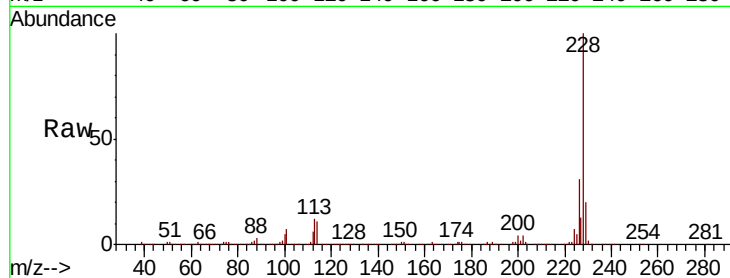
#83
Chrysene
Concen: 37.409 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion:228 Resp: 1385696
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 20.4 16.3 24.5

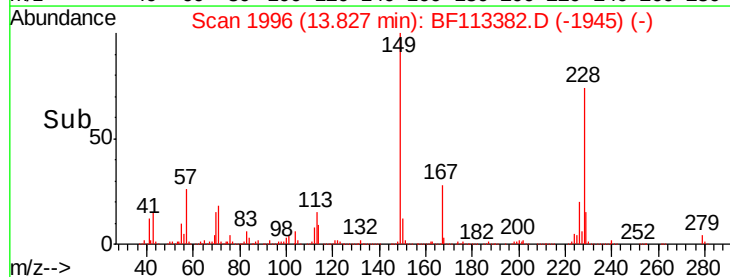
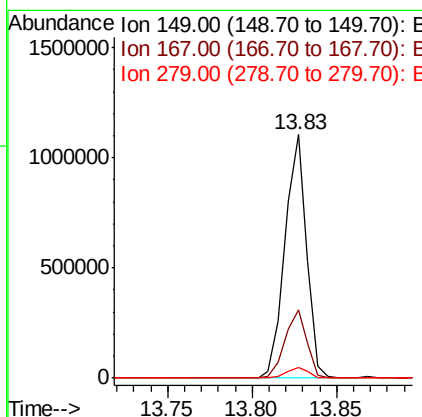
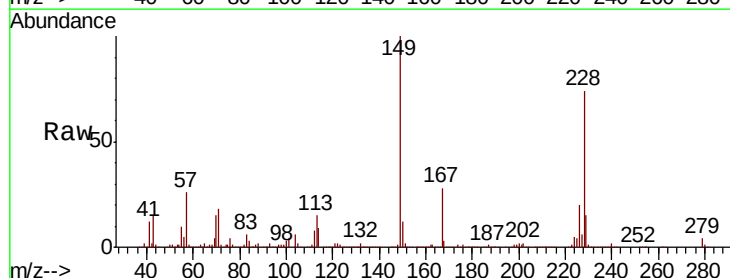
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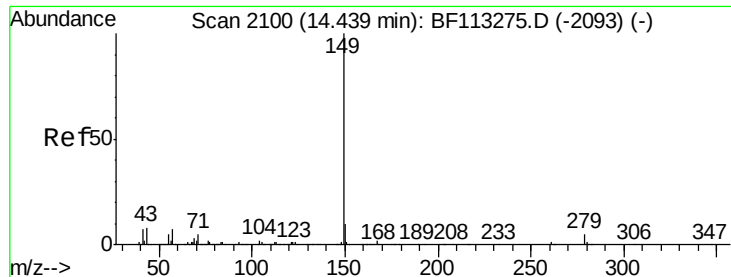
Sohil
3/29/2019 4:47:21 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.357 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion:149 Resp: 986459
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.8
279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.326 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Instrument :

BNA_F

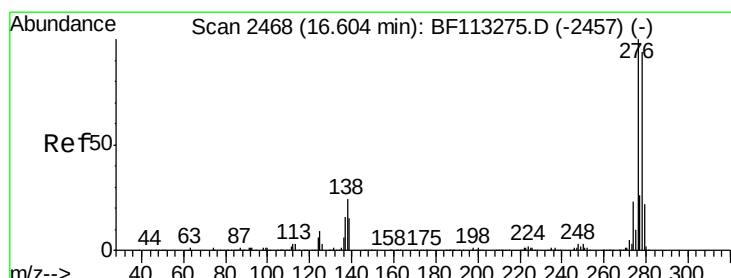
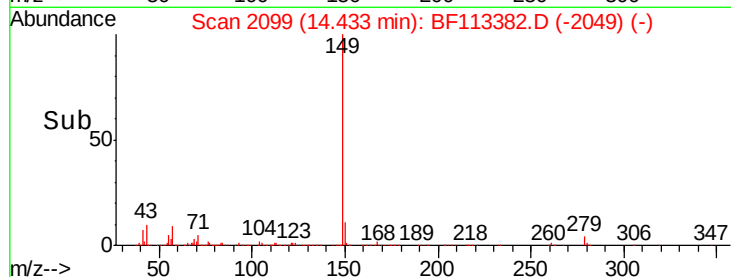
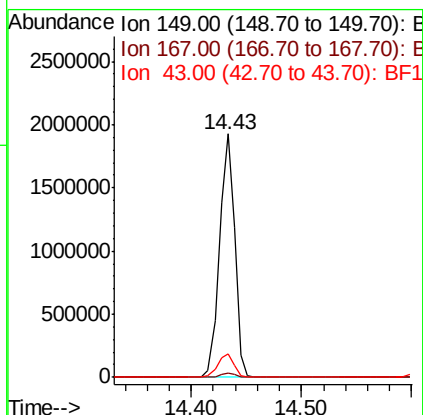
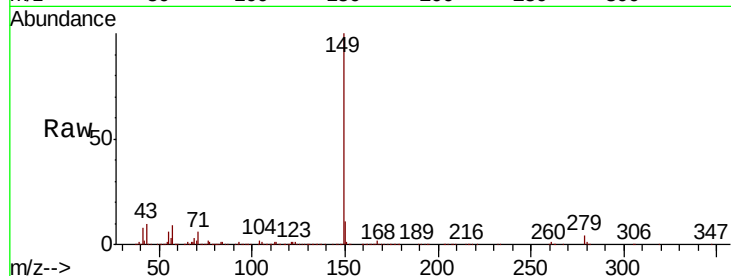
ClientSampled :

TP-8MSD

Tot Ion:	149	Resp:	1835115
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.7	11.5

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.389 ng

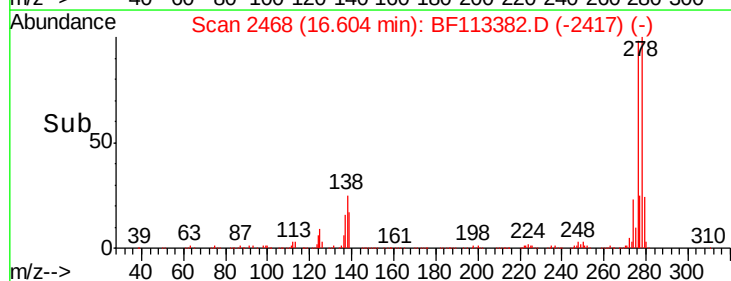
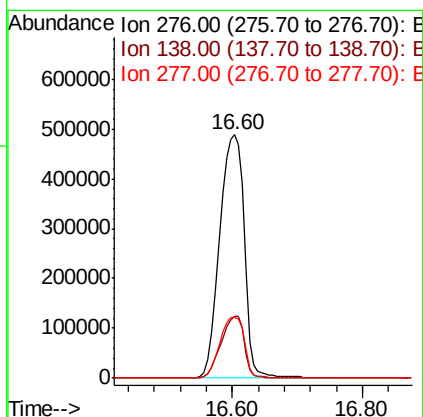
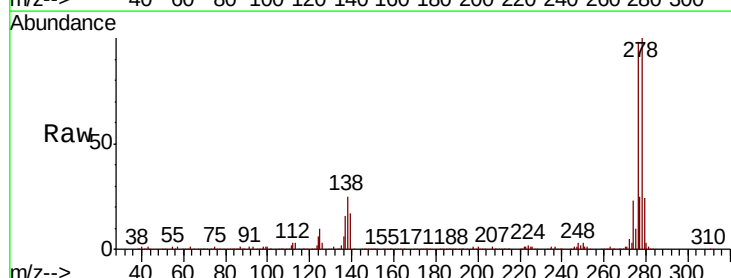
RT: 16.60 min Scan# 2468

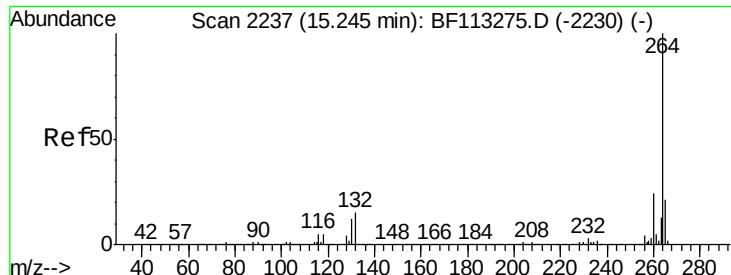
Delta R.T. -0.00 min

Lab File: BF113382.D

Acq: 28 Mar 2019 19:05

Tgt Ion:	276	Resp:	1283984
Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.1	27.1
277	25.2	20.2	30.4





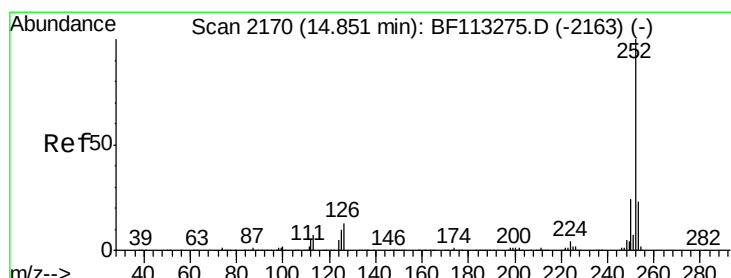
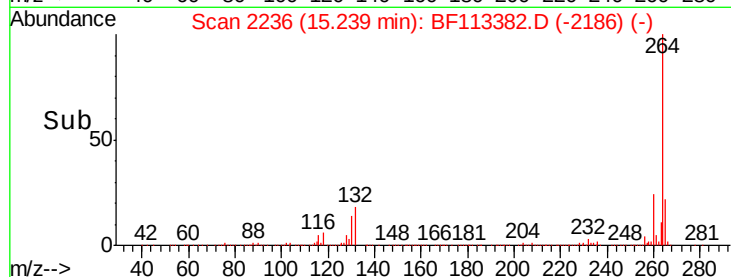
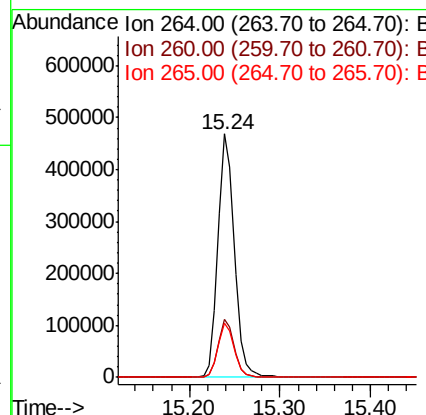
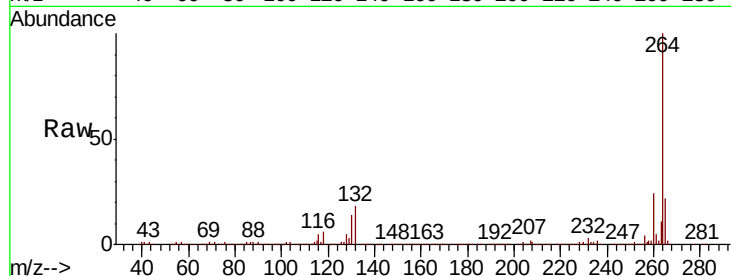
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.0	17.1	25.7

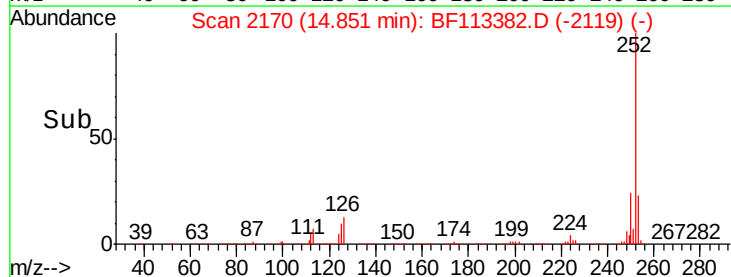
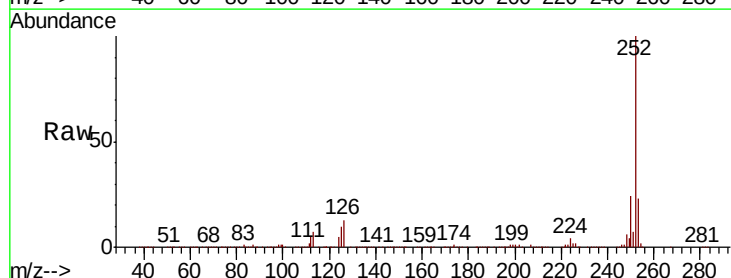
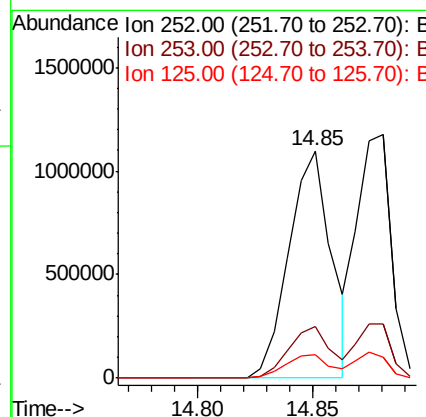
Manual Integrations
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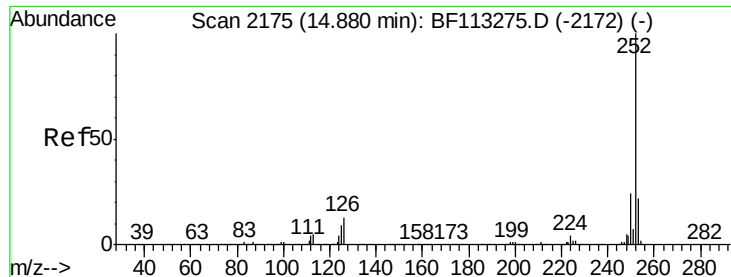
Sohil
3/29/2019 4:47:21 PM



#88
Benzo(b)fluoranthene
Concen: 37.964 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.1	7.6	11.4





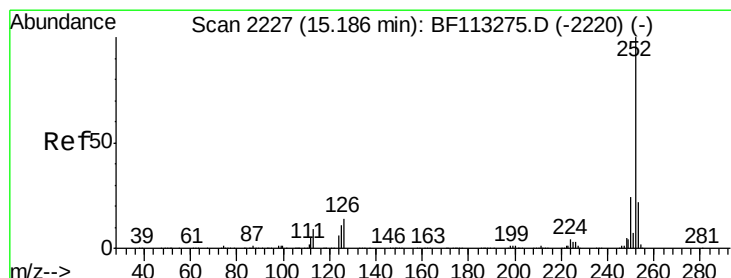
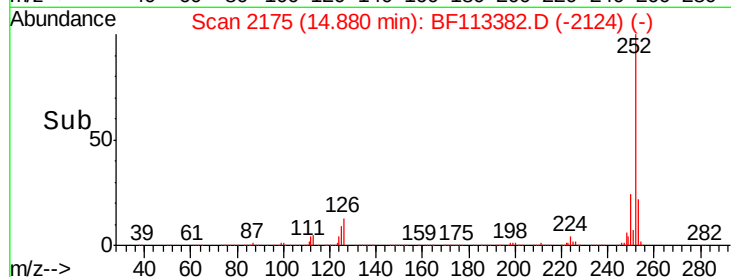
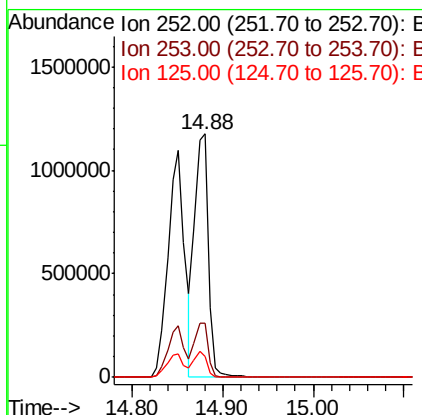
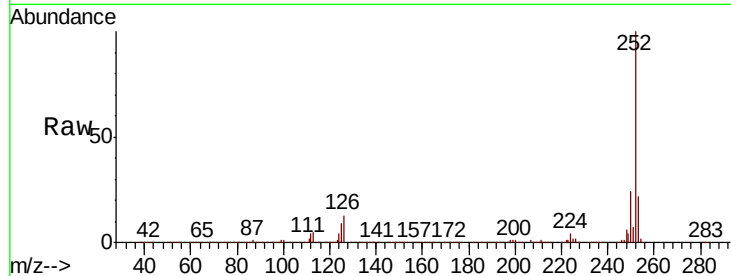
#89
Benzo(k)fluoranthene
Concen: 38.047 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.6	7.3	10.9

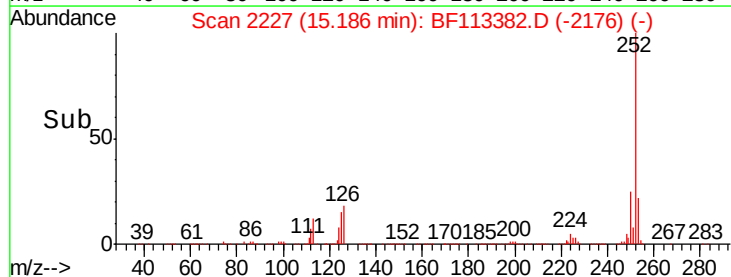
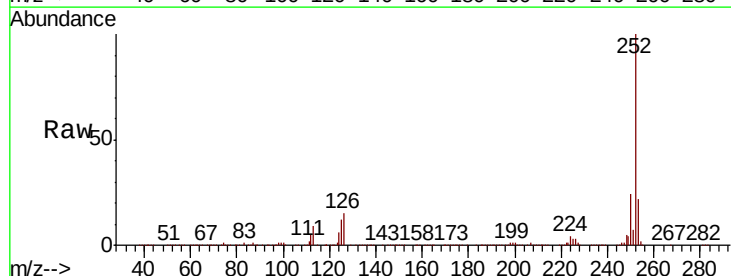
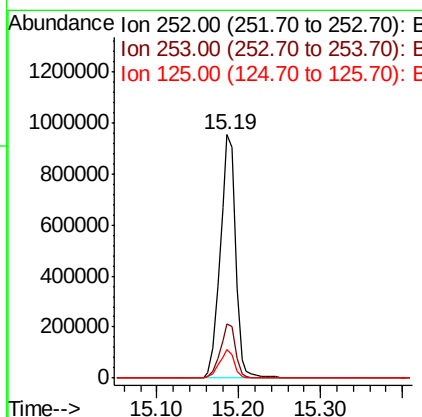
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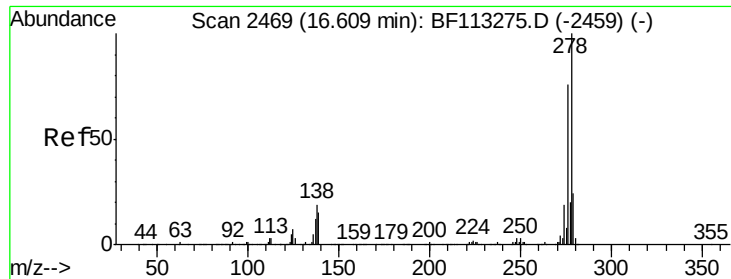
Sohil
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#90
Benzo(a)pyrene
Concen: 38.303 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.7	8.8	13.2





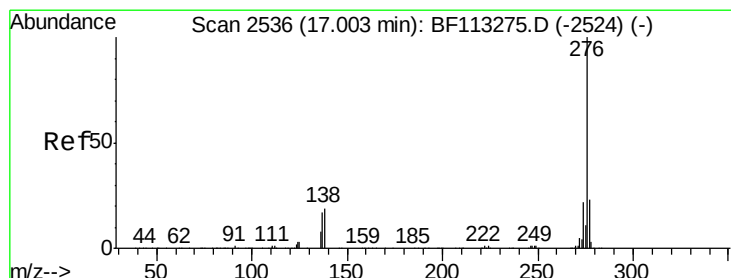
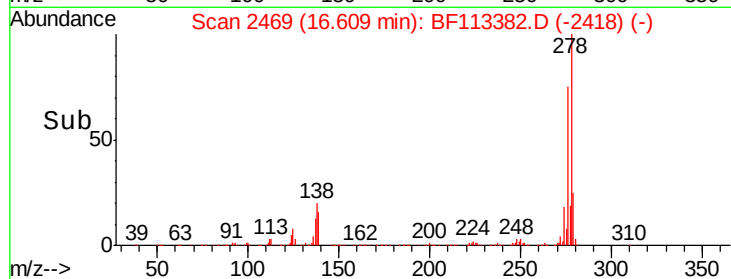
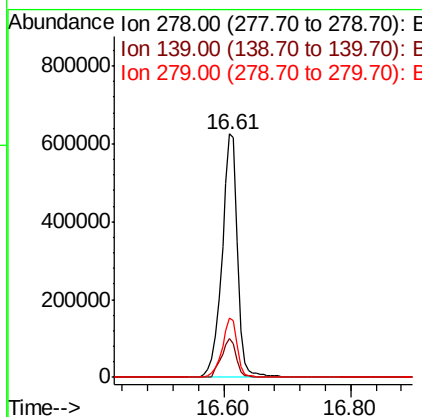
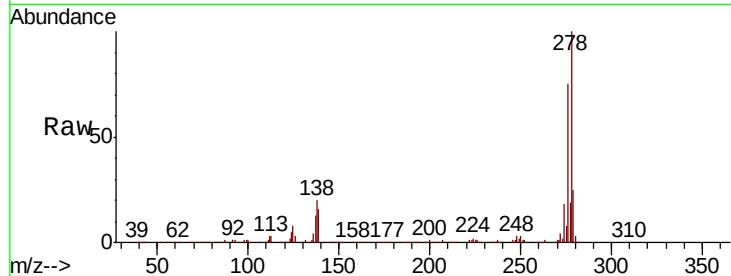
#91
Dibenzo(a,h)anthracene
Concen: 38.272 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.0	18.0
279	24.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
3/29/2019 4:47:21 PM



#92
Benzo(g,h,i)perylene
Concen: 38.057 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF113382.D
Acq: 28 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	19.5	15.6	23.4

