

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113381.D
 Acq On : 28 Mar 2019 18:36
 Operator : JU/SJ
 Sample : K2107-15MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:47:20 PM

Quant Time: Mar 29 02:36:30 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	171588	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	651889	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	335315	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	697304	20.00	ng	0.00
76) Chrysene-d12	13.84	240	600708	20.00	ng	0.00
87) Perylene-d12	15.24	264	561834	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	927504	88.39	ng	0.00
7) Phenol-d6	6.35	99	1216401	91.63	ng	0.00
23) Nitrobenzene-d5	7.27	82	744146	67.75	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	401745	97.00	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1420589	61.53	ng	0.00
79) Terphenyl-d14	12.79	244	1759722	64.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	123180	23.135	ng	98
3) Pyridine	3.21	79	35314	2.690	ng	94
4) n-Nitrosodimethylamine	3.03	42	137732	23.604	ng	89
6) Aniline	6.36	93	201348	12.455	ng	# 46
8) 2-Chlorophenol	6.49	128	327335	26.861	ng	95
9) Benzaldehyde	6.25	77	81104	9.104	ng	95
10) Phenol	6.36	94	395435	26.092	ng	82
11) bis(2-Chloroethyl)ether	6.44	93	314305	27.055	ng	99
12) 1,3-Dichlorobenzene	6.65	146	344475	26.224	ng	97
13) 1,4-Dichlorobenzene	6.72	146	354596	27.958	ng	100
14) 1,2-Dichlorobenzene	6.87	146	334473	26.806	ng	96
15) Benzyl Alcohol	6.85	79	254252	29.031	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	507318	29.069	ng	98
17) 2-Methylphenol	6.97	107	273166	28.603	ng	97
18) Hexachloroethane	7.21	117	125718	27.597	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	226815	27.200	ng	98
20) 3+4-Methylphenols	7.12	107	342061	28.425	ng	93
22) Acetophenone	7.11	105	448467	30.166	ng	97
24) Nitrobenzene	7.29	77	343256	29.950	ng	100
25) Isophorone	7.53	82	640901	30.111	ng	99
26) 2-Nitrophenol	7.60	139	172489	28.473	ng	92
27) 2,4-Dimethylphenol	7.65	122	303878	34.871	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	412946	30.808	ng	99
29) 2,4-Dichlorophenol	7.85	162	289716	30.679	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	307399	30.171	ng	98
31) Naphthalene	8.00	128	966726	30.347	ng	100
33) 4-Chloroaniline	8.06	127	270606	21.784	ng	99
34) Hexachlorobutadiene	8.13	225	180969	29.884	ng	98
35) Caprolactam	8.42	113	63778m	21.043	ng	
36) 4-Chloro-3-methylphenol	8.55	107	298483	31.424	ng	96
37) 2-Methylnaphthalene	8.70	142	661360	33.272	ng	99
38) 1-Methylnaphthalene	8.79	142	624087	32.642	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	303992	28.243	ng	99
41) Hexachlorocyclopentadiene	8.85	237	270449	59.362	ng	99

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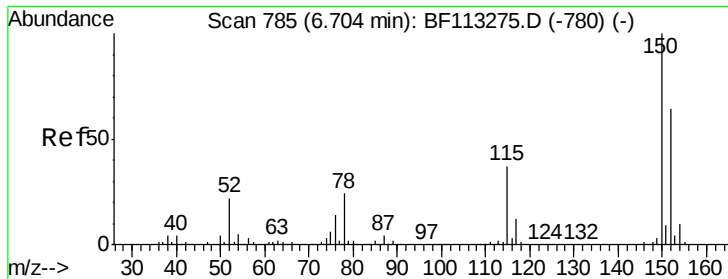
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.98	196	205111	29.263	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	214661	27.673	ng	98
46) 1,1'-Biphenyl	9.16	154	817470	29.190	ng	99
47) 2-Chloronaphthalene	9.19	162	622992	28.892	ng	98
48) 2-Nitroaniline	9.28	65	196179	28.992	ng	99
49) Acenaphthylene	9.60	152	1022106	29.316	ng	99
50) Dimethylphthalate	9.46	163	841494	33.864	ng	99
51) 2,6-Dinitrotoluene	9.52	165	166927	29.777	ng	99
52) Acenaphthene	9.77	154	580349	29.558	ng	100
53) 3-Nitroaniline	9.69	138	171841	27.182	ng	96
54) 2,4-Dinitrophenol	9.81	184	30770	11.036	ng	93
55) Dibenzofuran	9.94	168	892332	30.231	ng	98
56) 4-Nitrophenol	9.87	139	225701	50.076	ng	94
57) 2,4-Dinitrotoluene	9.93	165	218796	30.690	ng	98
58) Fluorene	10.28	166	688196	30.013	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	184902	28.188	ng	99
60) Diethylphthalate	10.16	149	767009	31.464	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	349010	31.229	ng	92
62) 4-Nitroaniline	10.30	138	194267	29.846	ng	98
63) Azobenzene	10.43	77	705177	30.731	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	56451	14.799	ng	92
66) n-Nitrosodiphenylamine	10.39	169	632549	29.563	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	231539	30.465	ng	98
68) Hexachlorobenzene	10.83	284	263989	29.925	ng	99
69) Atrazine	10.92	200	217447	32.197	ng	97
70) Pentachlorophenol	11.03	266	157217	34.206	ng	98
71) Phenanthrene	11.24	178	1044104	30.152	ng	99
72) Anthracene	11.29	178	1101509	31.317	ng	100
73) Carbazole	11.45	167	1047696	31.216	ng	99
74) Di-n-butylphthalate	11.77	149	1299217	33.381	ng	100
75) Fluoranthene	12.42	202	1183964	30.244	ng	99
77) Benzdine	12.55	184	11579m	0.503	ng	
78) Pyrene	12.65	202	1224041	29.405	ng	100
80) Butylbenzylphthalate	13.26	149	584446	31.858	ng	99
81) Benzo(a)anthracene	13.83	228	988475	28.747	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	372986	27.039	ng	100
83) Chrysene	13.87	228	1036009	29.663	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	765313	34.030	ng	# 97
85) Di-n-octyl phthalate	14.43	149	1387005	36.333	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	953017	31.794	ng	98
88) Benzo(b)fluoranthene	14.84	252	1059638	30.361	ng	99
89) Benzo(k)fluoranthene	14.87	252	899250	29.340	ng	98
90) Benzo(a)pyrene	15.19	252	928505	30.009	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	813179	30.395	ng	100
92) Benzo(g,h,i)perylene	17.00	276	797068	29.548	ng	99

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



#1

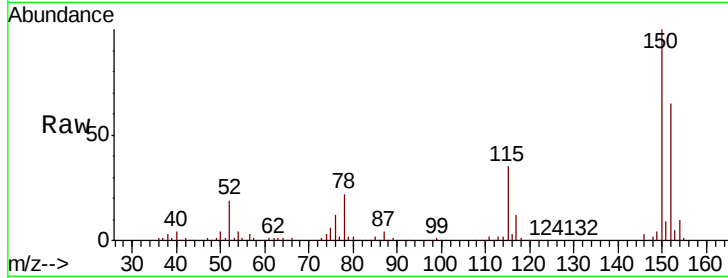
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.7	187.1
115	54.7	46.0	69.0

Manual Integrations
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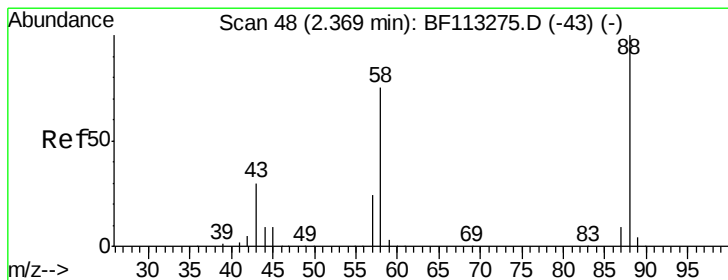
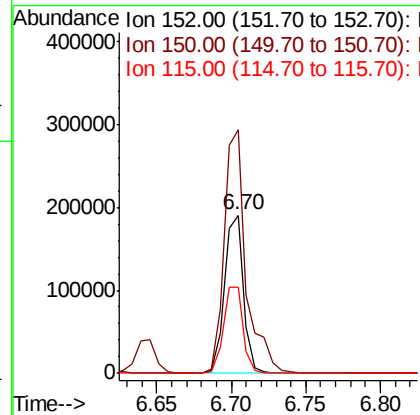
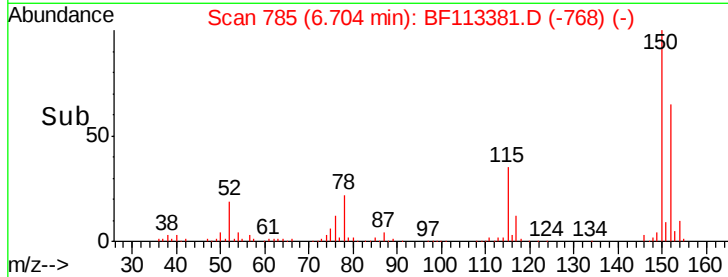


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

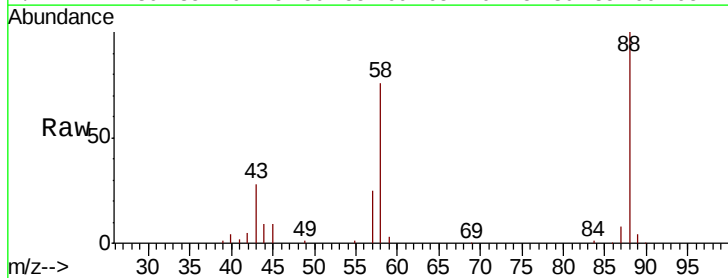
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.135 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.03 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	61.9	92.9
43	28.1	24.2	36.4

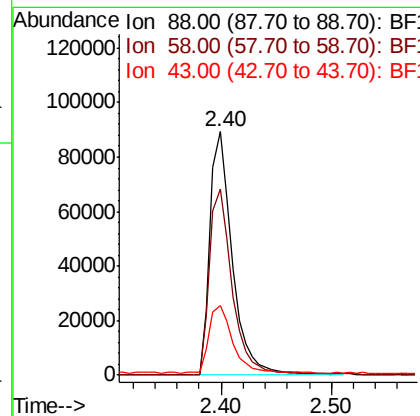
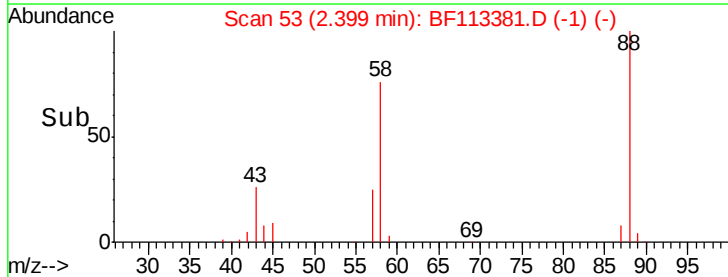


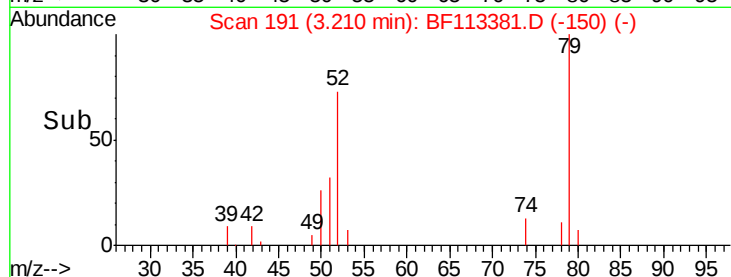
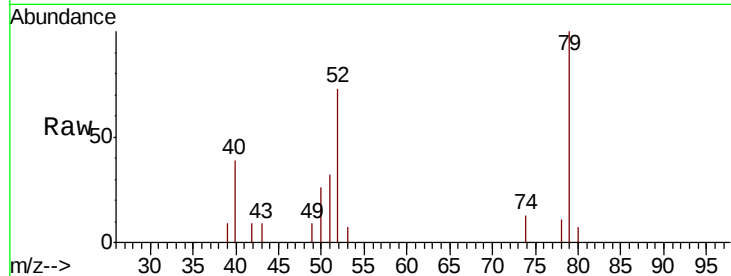
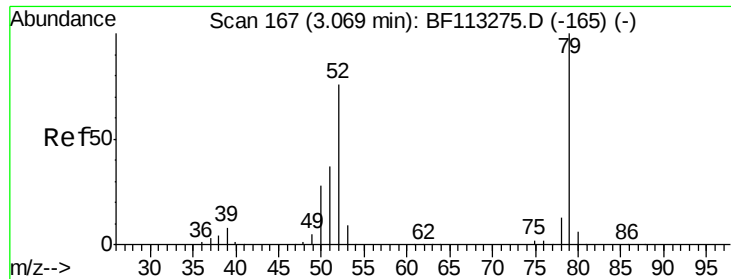
Abundance

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





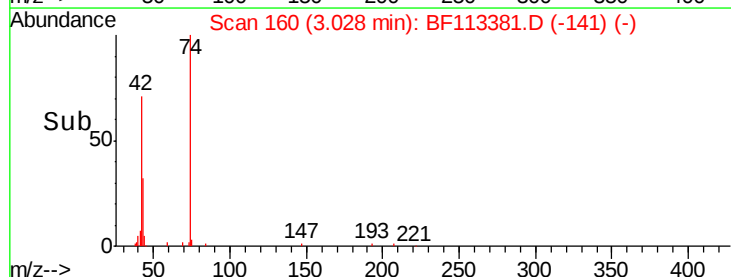
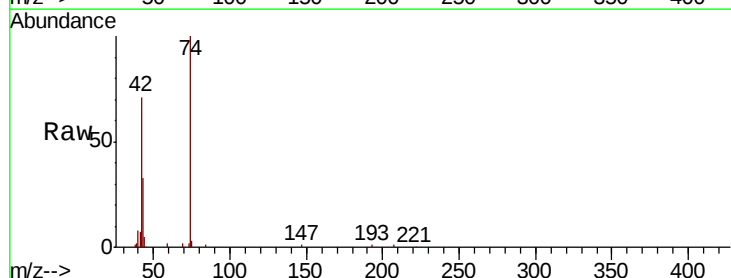
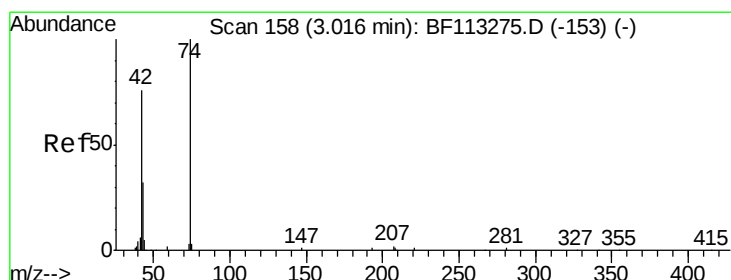
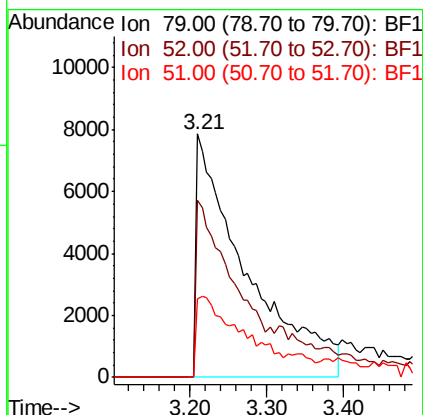
#3
Pvridine
Concen: 2.690 ng
RT: 3.21 min Scan# 191
Delta R.T. 0.14 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.9	61.0	91.4
51	32.1	30.6	45.8

Instrument :
BNA_F
ClientSampled :
TP-8MS

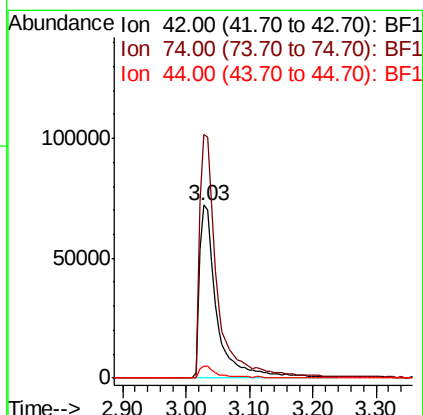
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 23.604 ng
RT: 3.03 min Scan# 160
Delta R.T. 0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.0	102.4	153.6
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 88.385 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

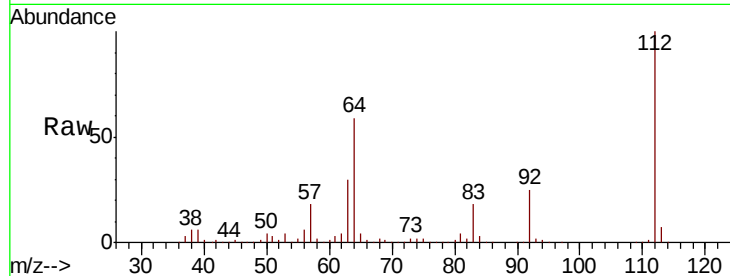
ClientSampled :

TP-8MS

Tot Ion:	112	Resp:	927504
Ion Ratio	Lower	Upper	
112	100		
64	59.4	49.2	73.8
63	29.6	24.9	37.3

Manual Integrations
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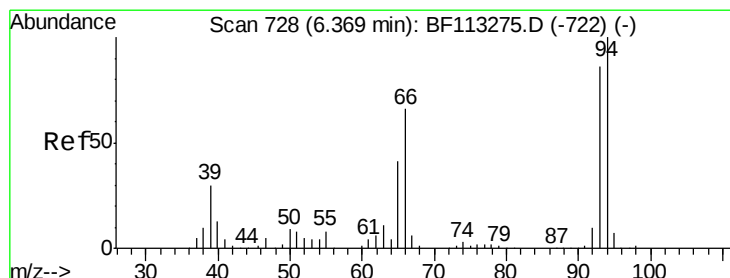
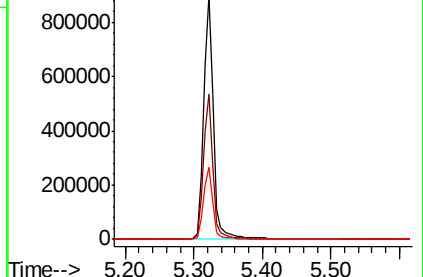
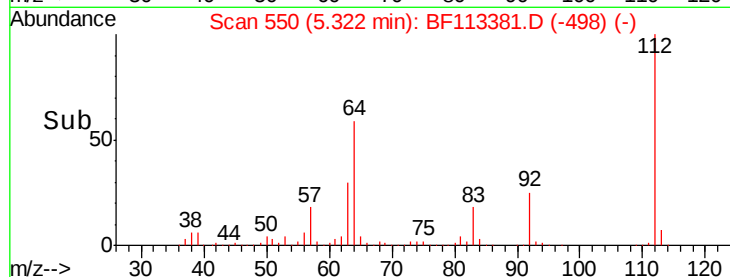
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.455 ng

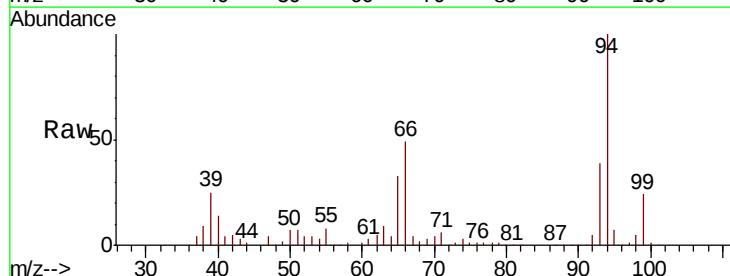
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

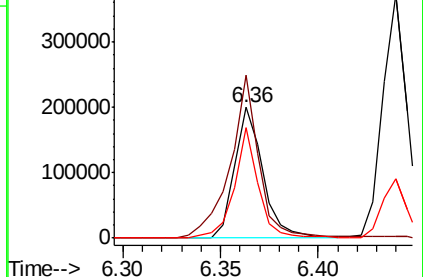
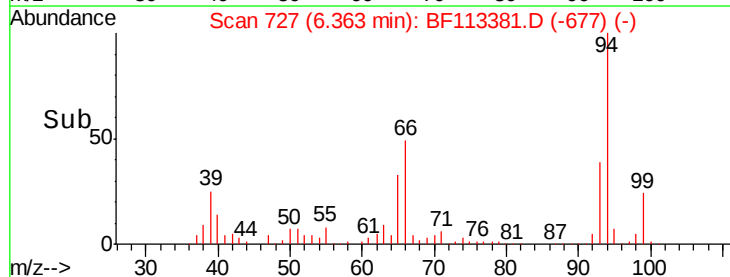
Tgt Ion:	93	Resp:	201348
Ion Ratio	Lower	Upper	
93	100		
66	124.8	62.1	93.1#
65	84.2	38.7	58.1#



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: 91.629 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

ClientSampled :

TP-8MS

Tot Ion: 99 Resp: 1216401

Ion Ratio Lower Upper

99 100

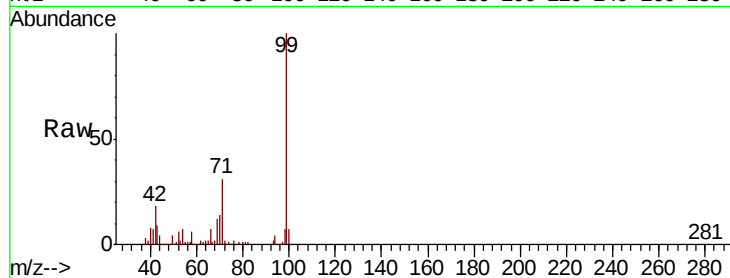
42 17.8 14.8 22.2

71 31.2 24.9 37.3

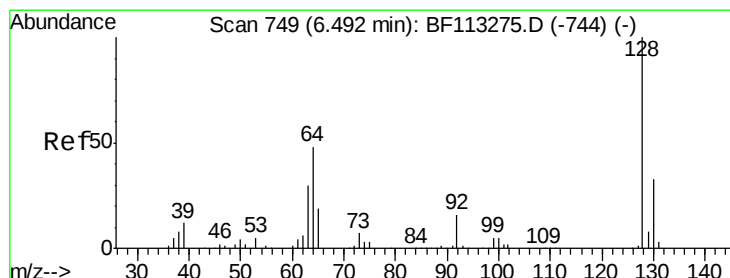
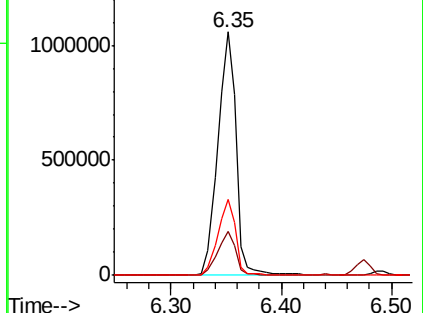
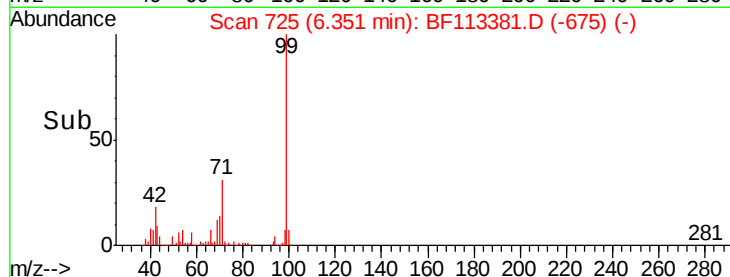
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 26.861 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

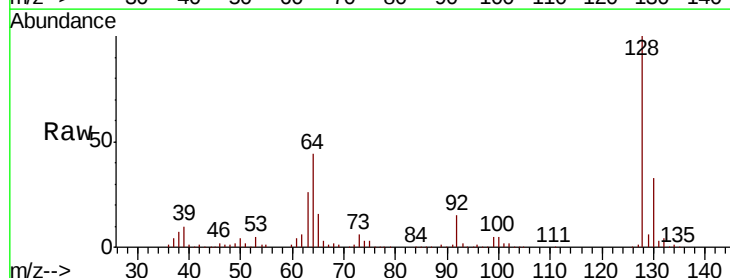
Tgt Ion: 128 Resp: 327335

Ion Ratio Lower Upper

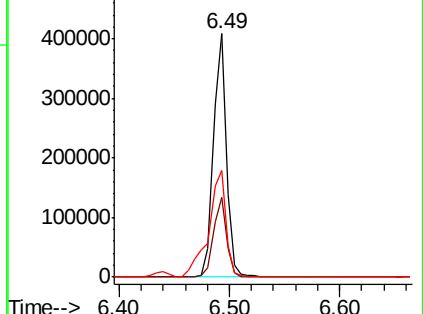
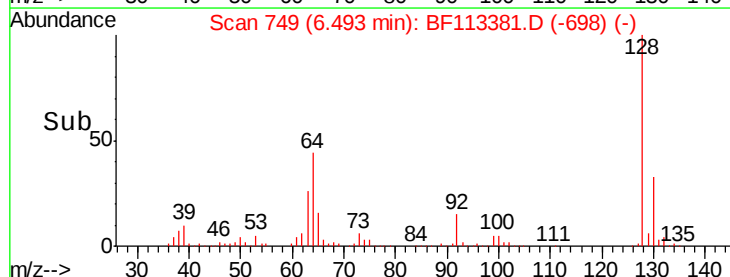
128 100

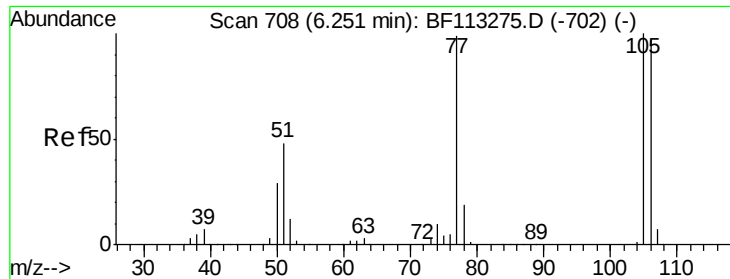
130 32.8 12.6 52.6

64 43.8 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: 9.104 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

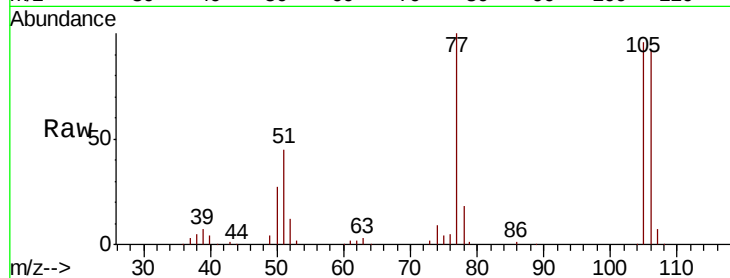
ClientSampled :

TP-8MS

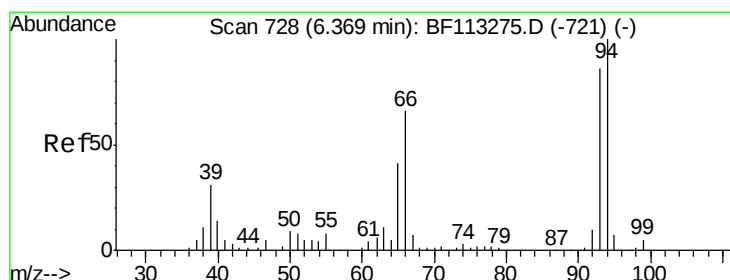
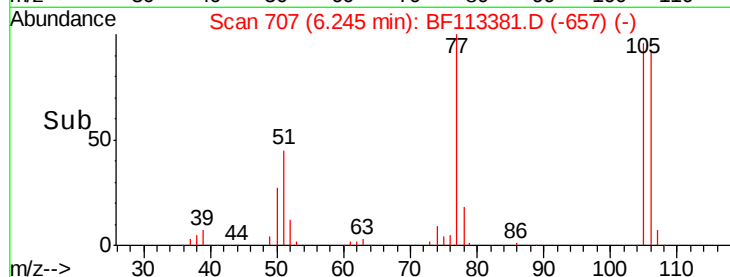
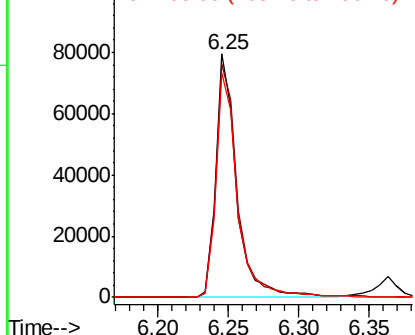
Tot Ion:	77	Resp:	81104
Ion	Ratio	Lower	Upper
77	100		
105	95.9	80.9	120.9
106	92.2	77.8	117.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.092 ng

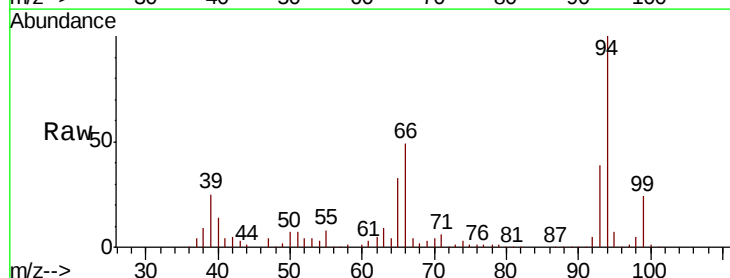
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

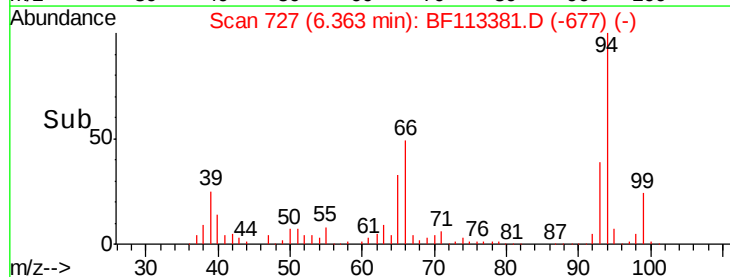
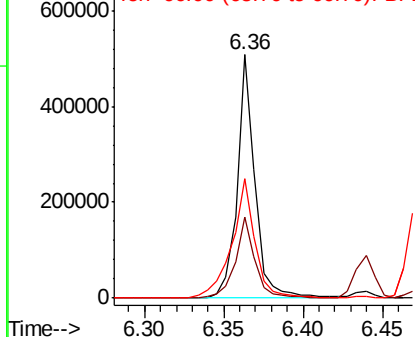
Lab File: BF113381.D

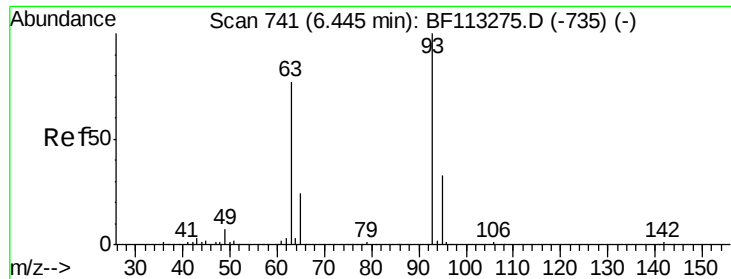
Acq: 28 Mar 2019 18:36

Tgt Ion:	94	Resp:	395435
Ion	Ratio	Lower	Upper
94	100		
65	33.2	21.4	61.4
66	49.1	46.4	86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





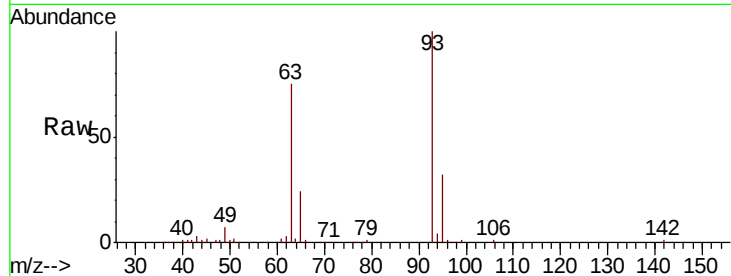
#11
bis(2-Chloroethyl)ether
Concen: 27.055 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	56.1	96.1
95	32.4	12.8	52.8

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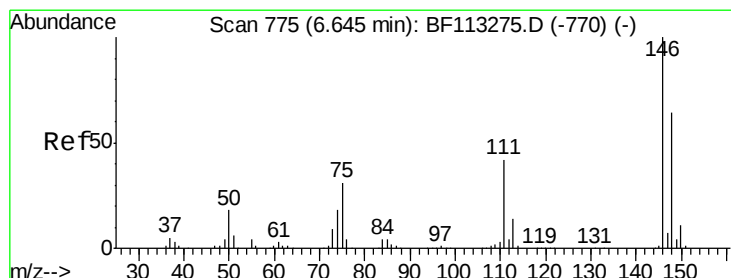
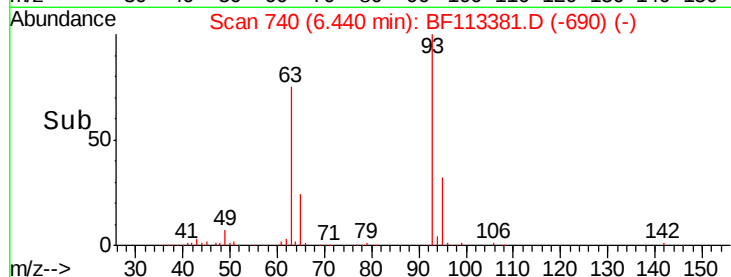
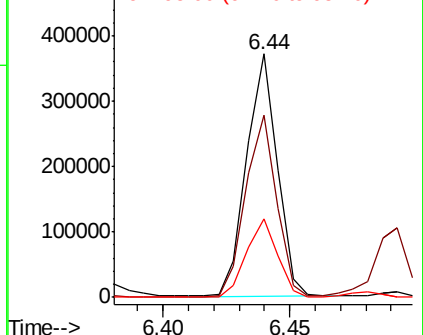


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 26.224 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

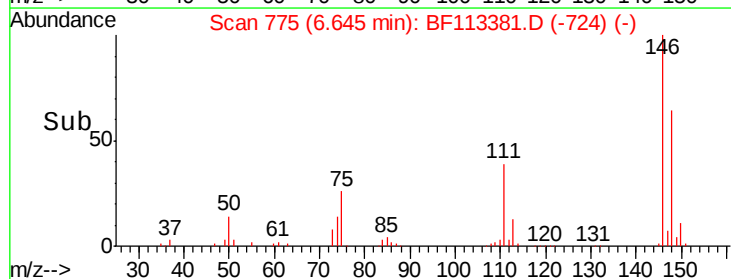
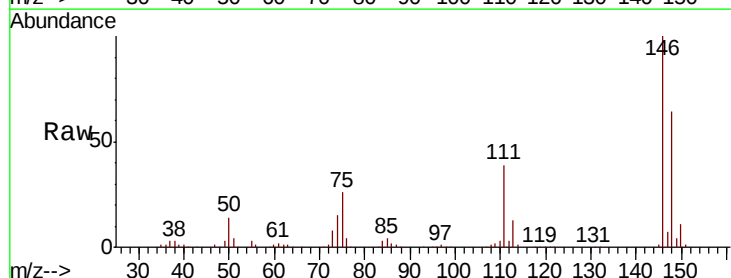
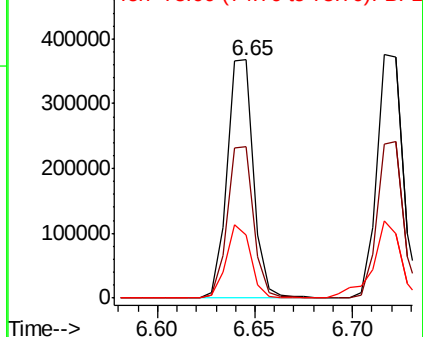
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
75	26.3	24.8	37.2

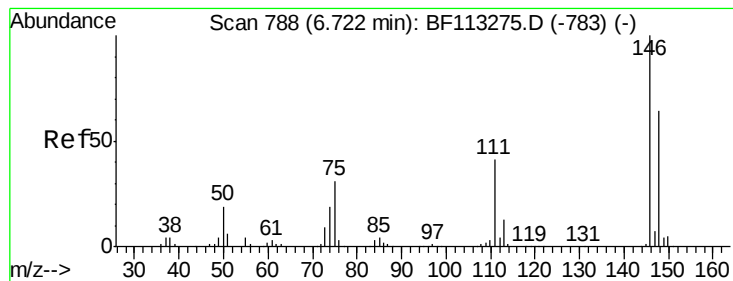
Abundance

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: 27.958 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

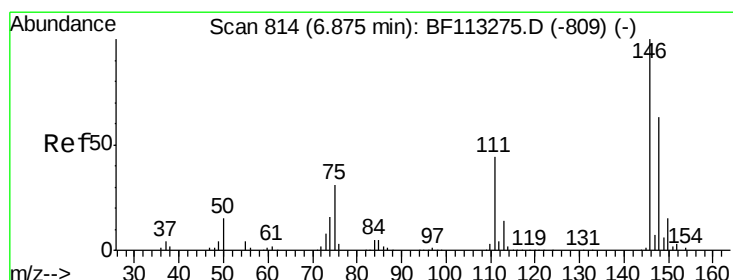
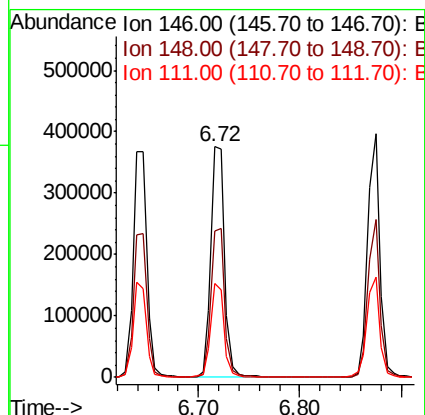
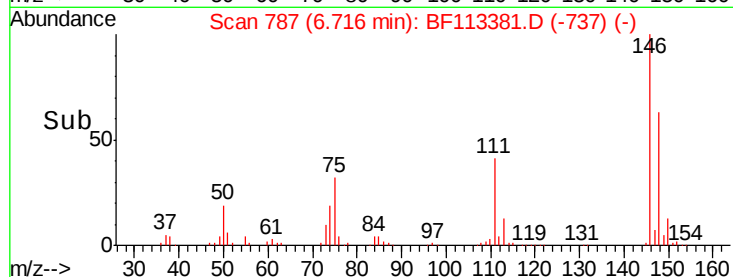
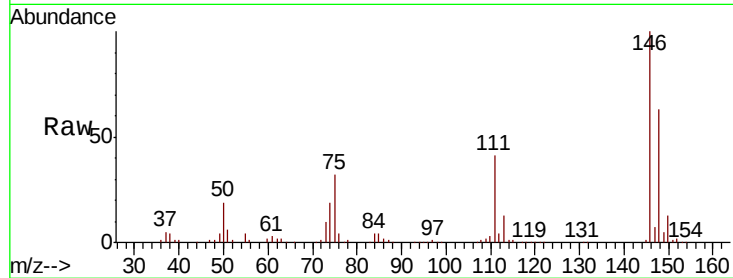
ClientSampled :

TP-8MS

Tot Ion:	146	Resp:	354596
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.1	76.7
111	40.9	32.8	49.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 26.806 ng

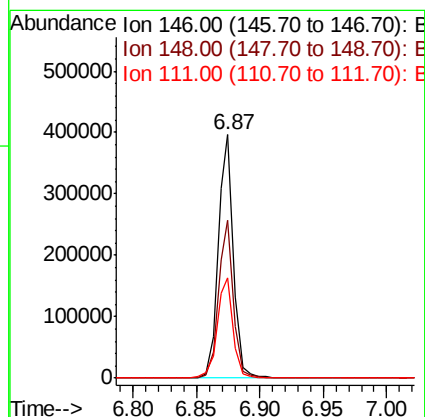
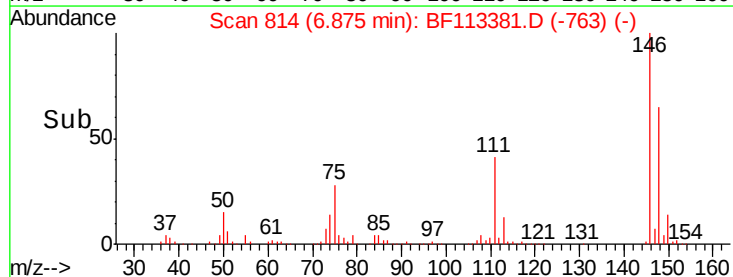
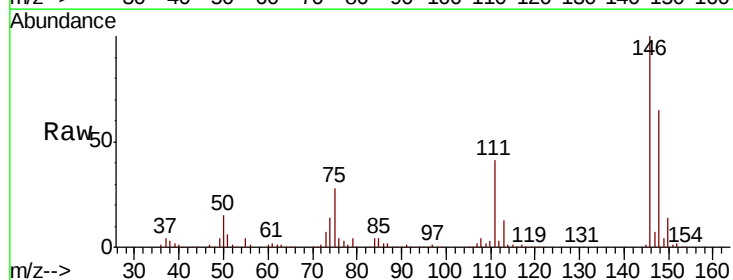
RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion:	146	Resp:	334473
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.2	75.4
111	40.9	35.4	53.2





#15

Benzyl Alcohol

Concen: 29.031 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

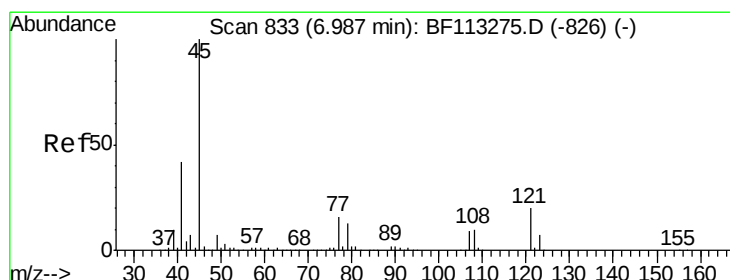
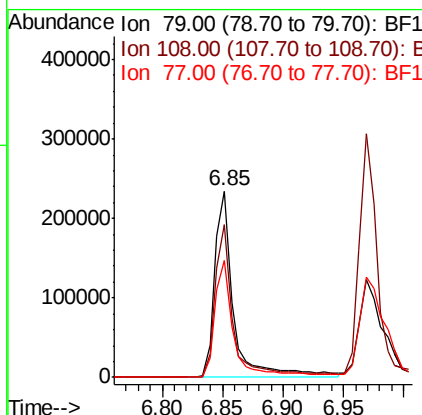
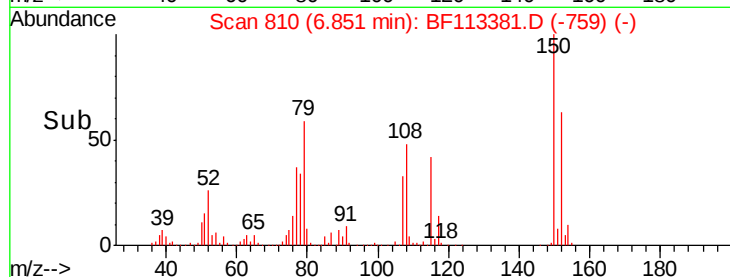
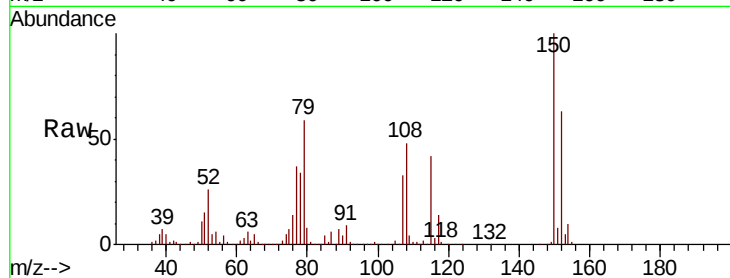
ClientSampled :

TP-8MS

Tot Ion:	79	Resp:	254252
Ion Ratio	Lower	Upper	
79	100		
108	81.8	62.0	93.0
77	62.9	49.9	74.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.069 ng

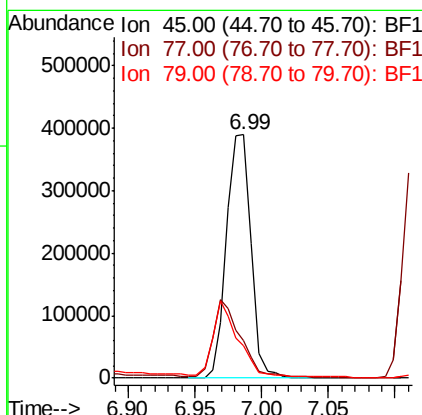
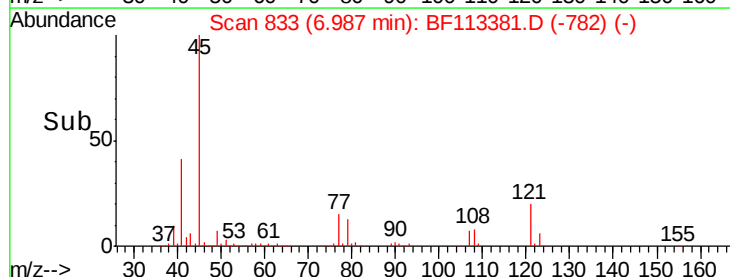
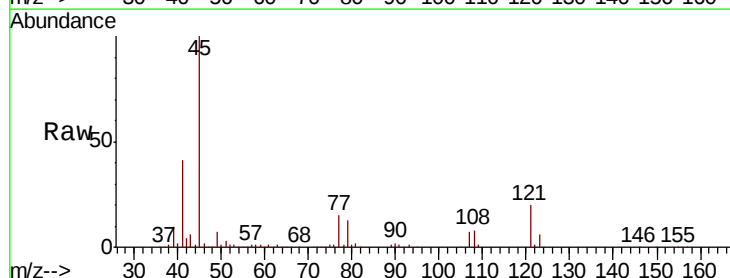
RT: 6.99 min Scan# 833

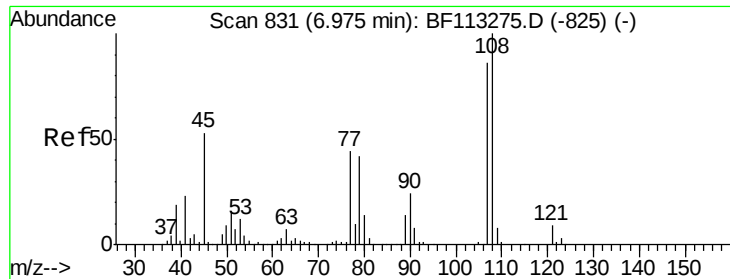
Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion:	45	Resp:	507318
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	36.6
79	13.1	0.0	34.0





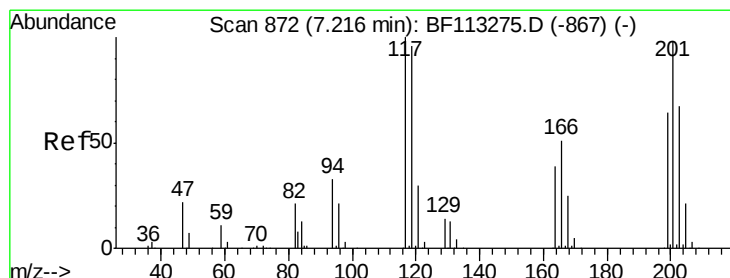
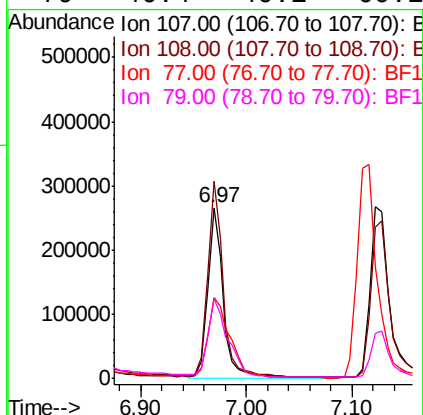
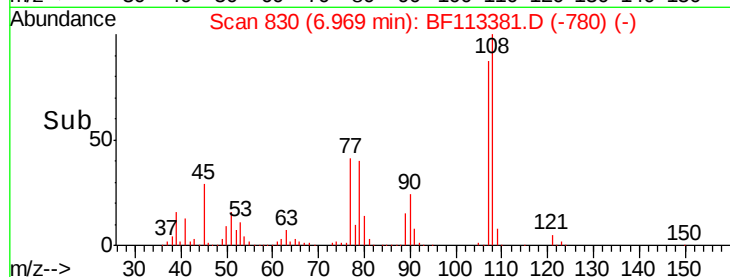
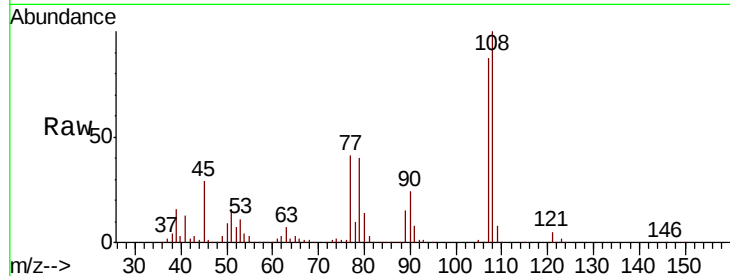
#17
2-Methylphenol
Concen: 28.603 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	107	Resp	273166
Ion Ratio	Lower	Upper	
107	100		
108	115.4	93.4	140.0
77	47.5	41.2	61.8
79	46.4	40.1	60.1

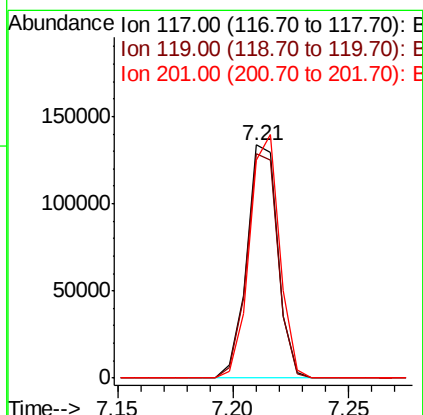
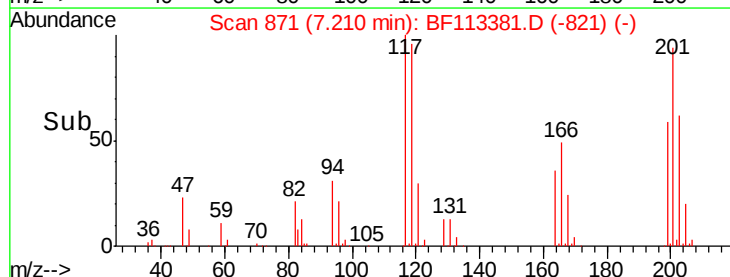
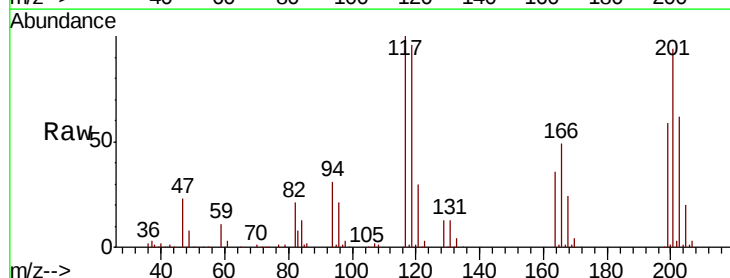
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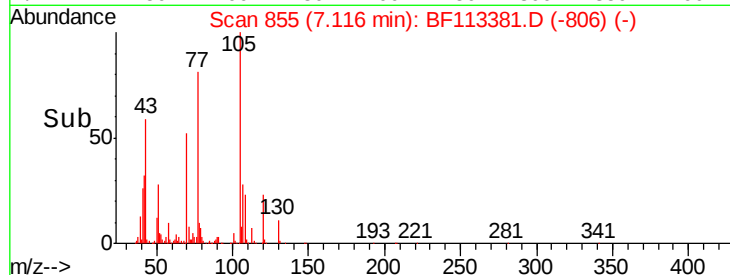
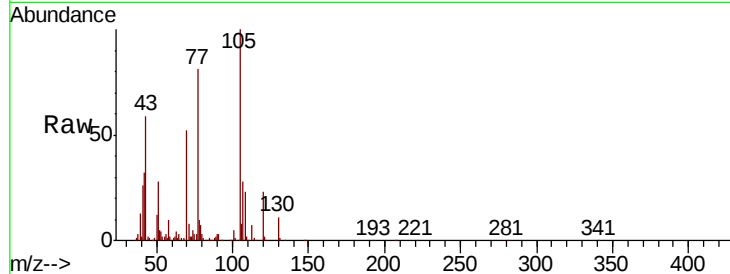
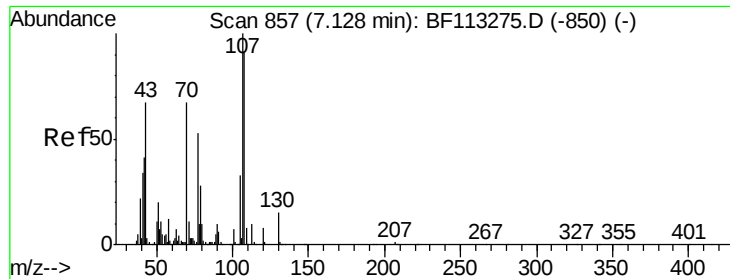
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#18
Hexachloroethane
Concen: 27.597 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	117	Resp	125718
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.9	115.3
201	93.5	78.7	118.1





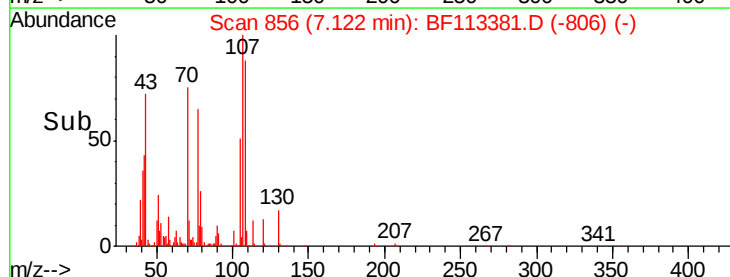
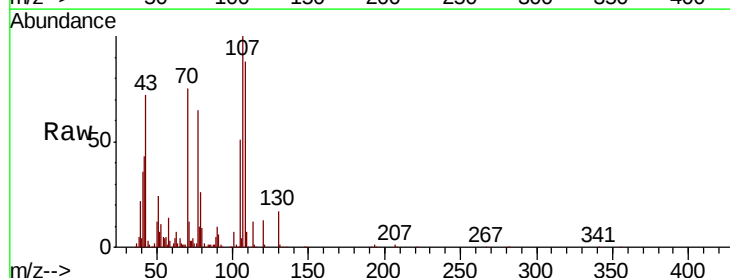
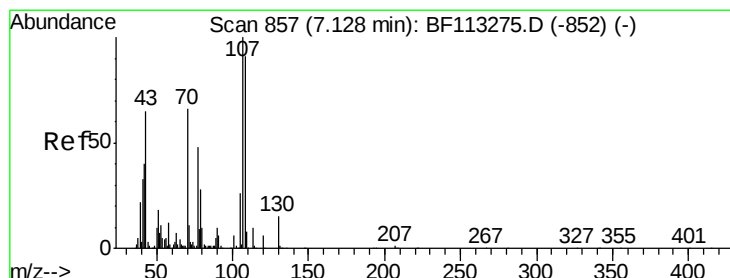
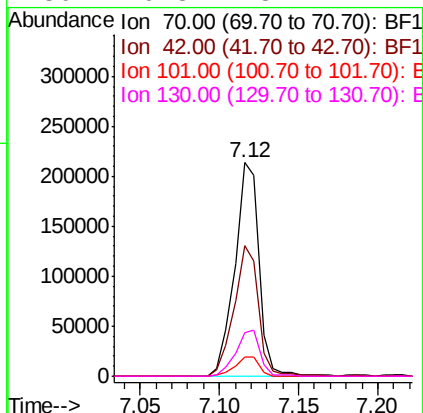
#19
n-Nitroso-di-n-propylamine
Concen: 27.200 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.1	48.4	72.6
101	9.0	7.8	11.8
130	20.3	18.2	27.4

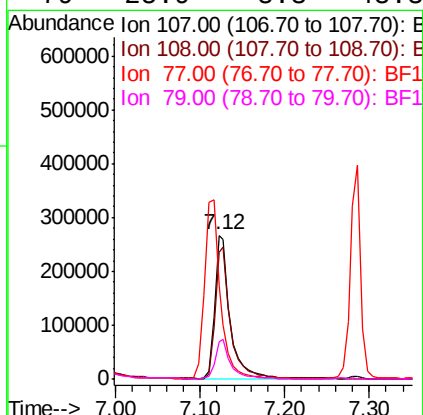
Manual Integrations
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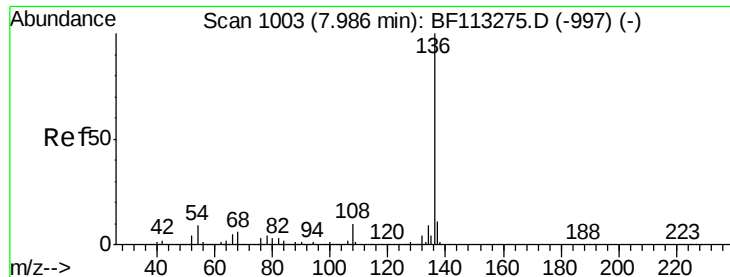
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#20
3+4-Methylphenols
Concen: 28.425 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	71.4	111.4
77	65.0	33.5	73.5
79	25.9	8.3	48.3





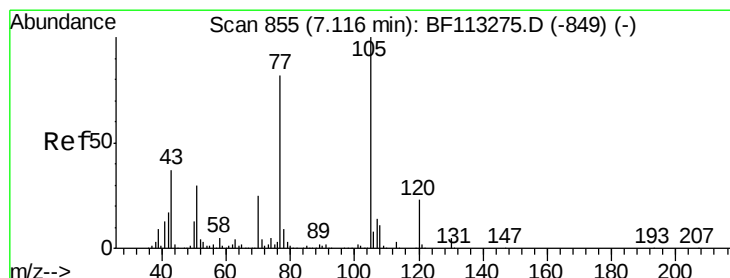
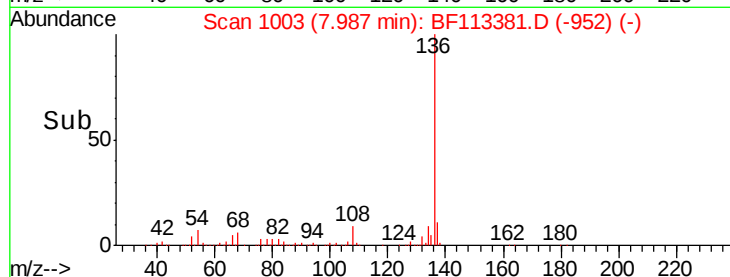
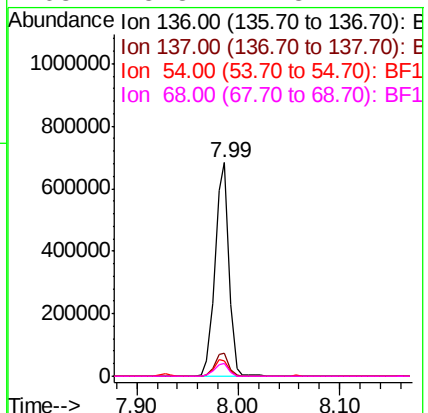
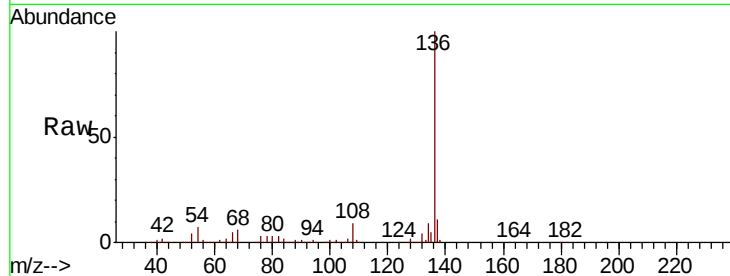
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		651889		
137	10.8	8.9	13.3		
54	7.3	7.0	10.6		
68	5.8	4.8	7.2		

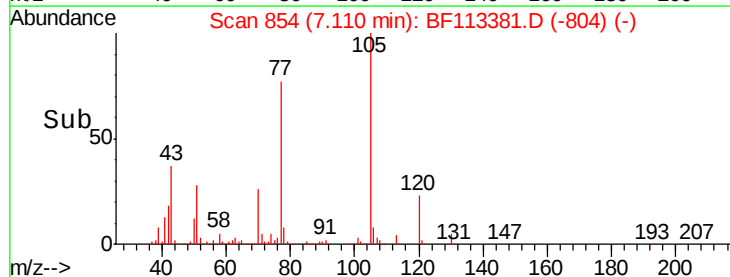
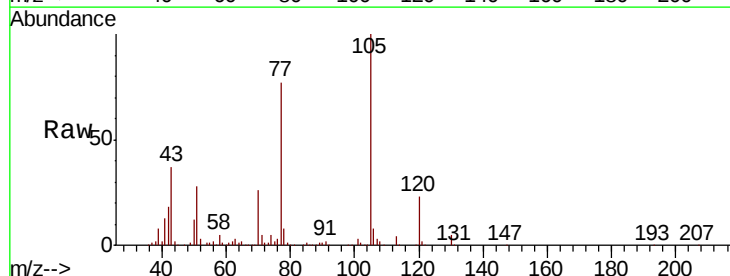
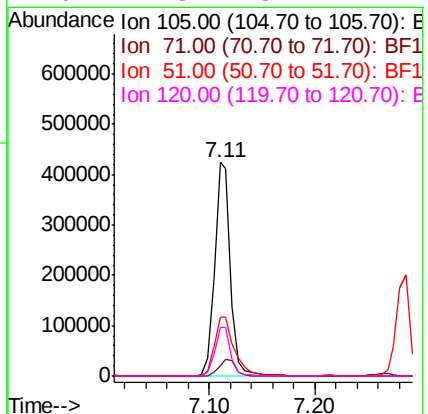
Manual Integrations
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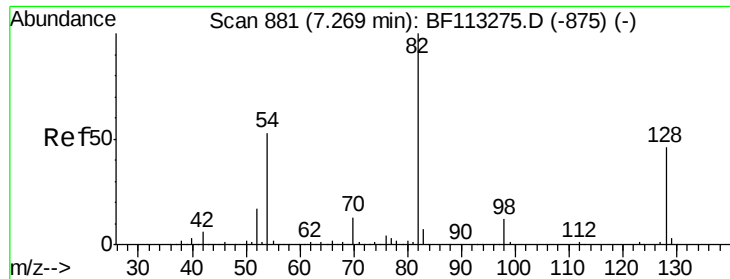
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#22
Acetophenone
Concen: 30.166 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		448467		
71	4.6	3.3	4.9		
51	27.8	24.2	36.2		
120	22.8	18.1	27.1		





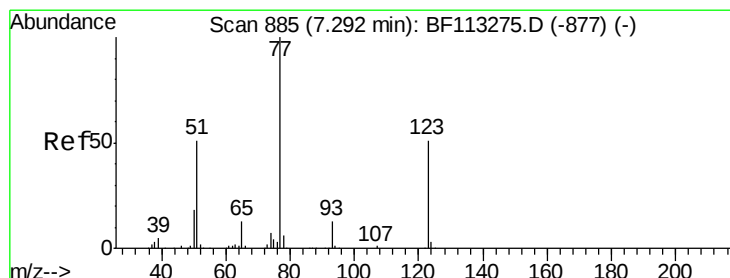
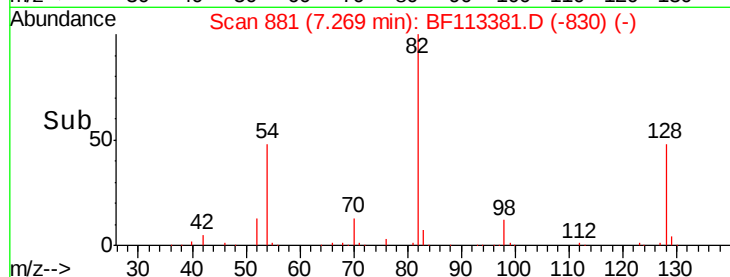
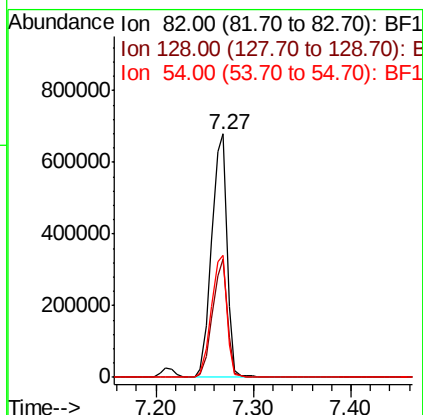
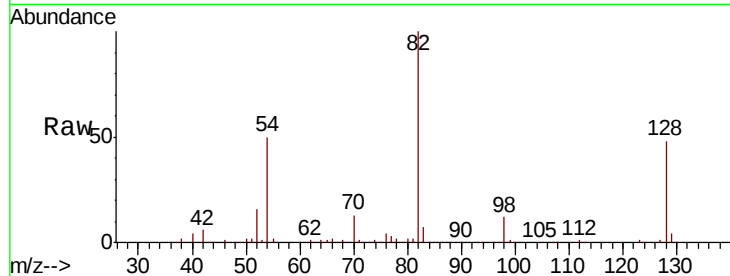
#23
 Nitrobenzene-d5
 Concen: 67.754 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	744146		
128	48.3	36.5	54.7	
54	50.2	42.2	63.2	

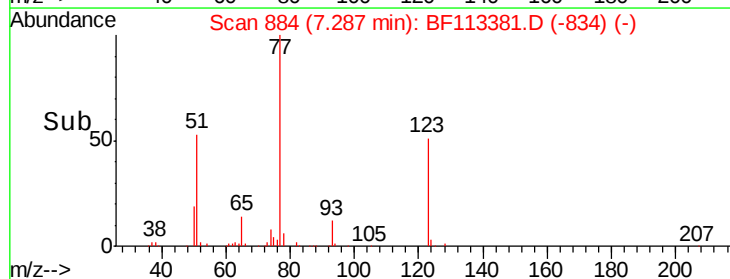
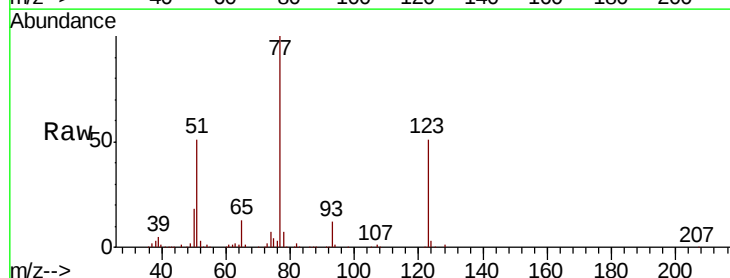
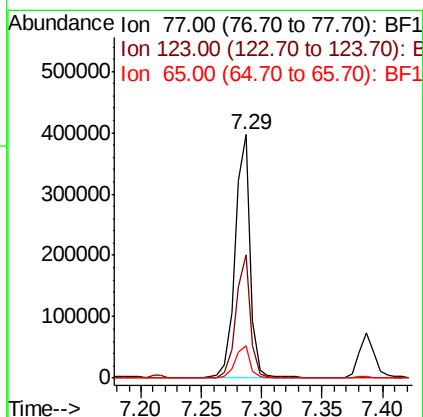
Manual Integrations
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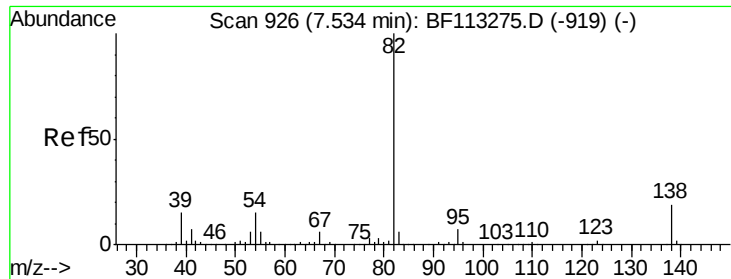
Sohil
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#24
 Nitrobenzene
 Concen: 29.950 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	343256		
123	50.6	40.8	61.2	
65	13.1	10.6	16.0	





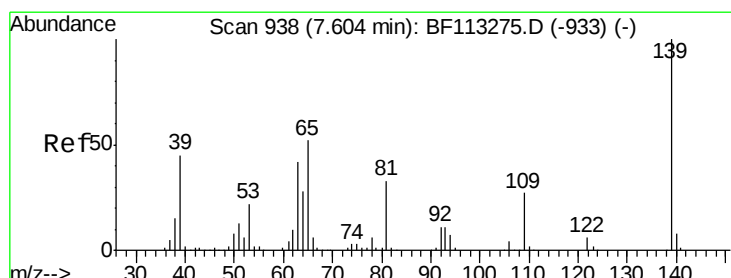
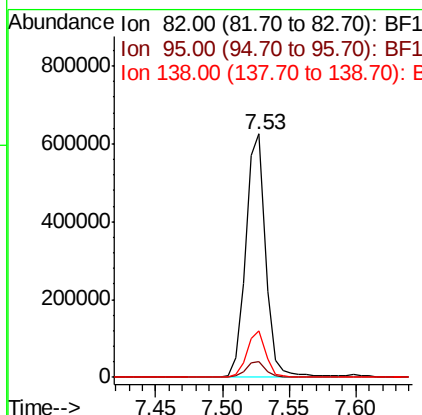
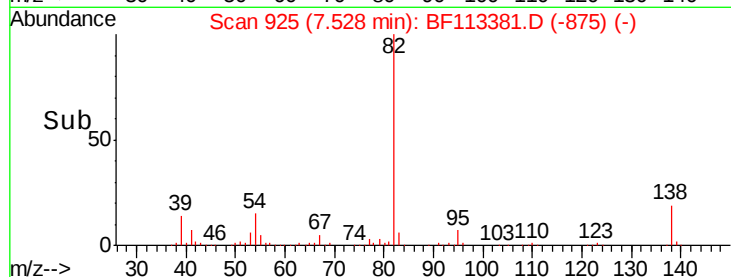
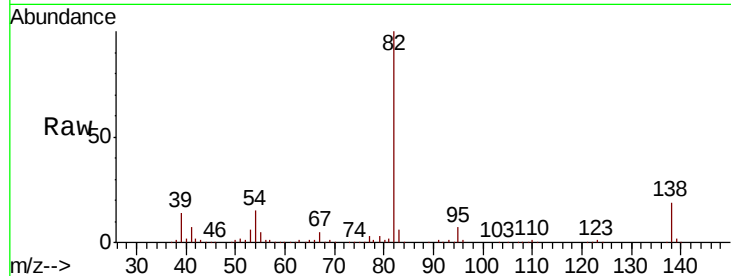
#25
Isophorone
Concen: 30.111 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	640901		
95	6.7		5.5	8.3
138	19.2		15.2	22.8

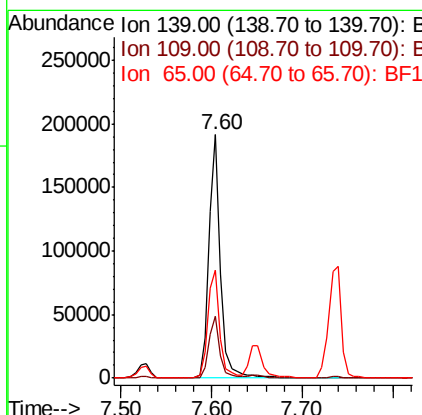
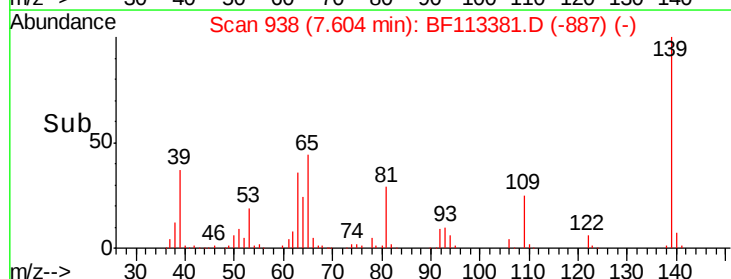
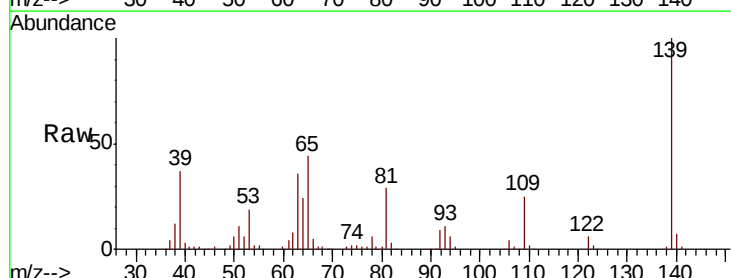
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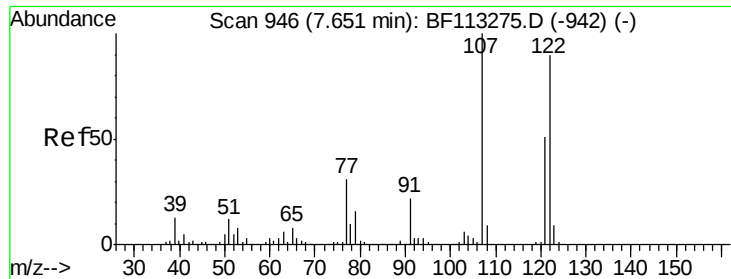
Sohil
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#26
2-Nitrophenol
Concen: 28.473 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	172489		
109	25.5		21.7	32.5
65	44.2		41.6	62.4





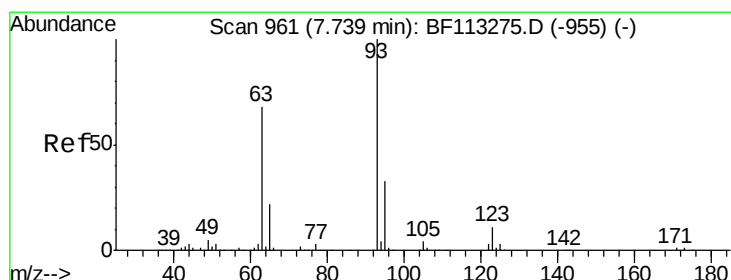
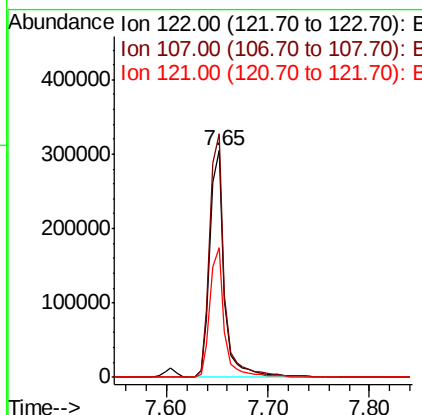
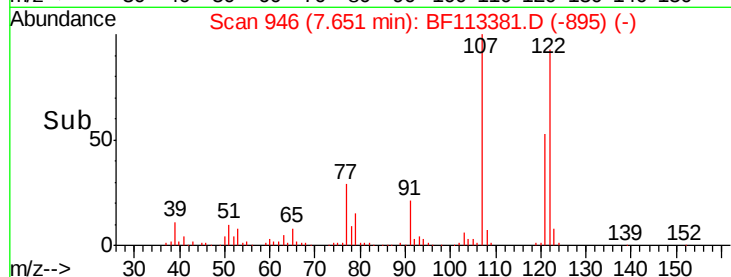
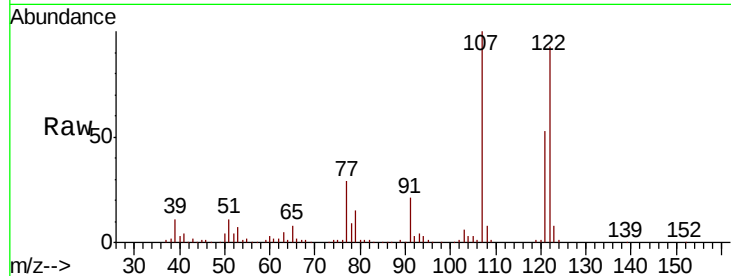
#27
 2,4-Dimethylphenol
 Concen: 34.871 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	107.4	88.8	133.2		
121	57.4	45.5	68.3		

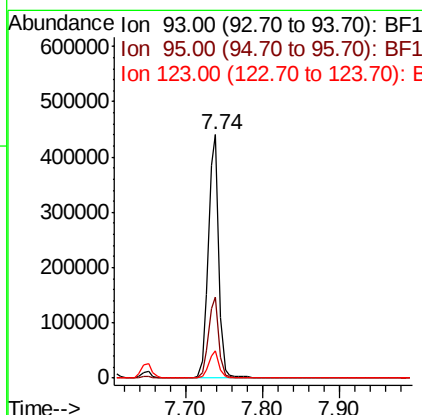
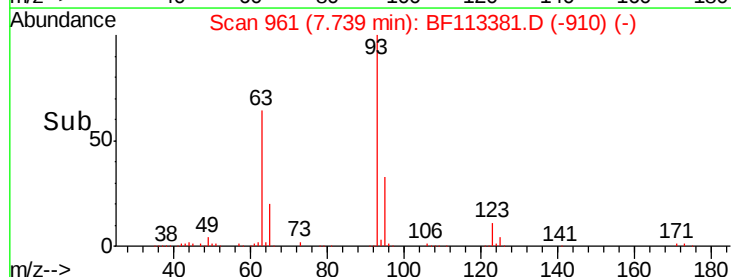
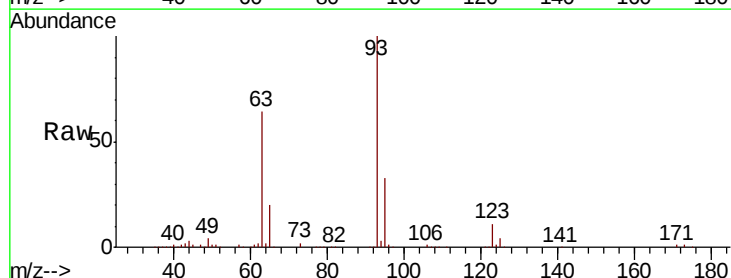
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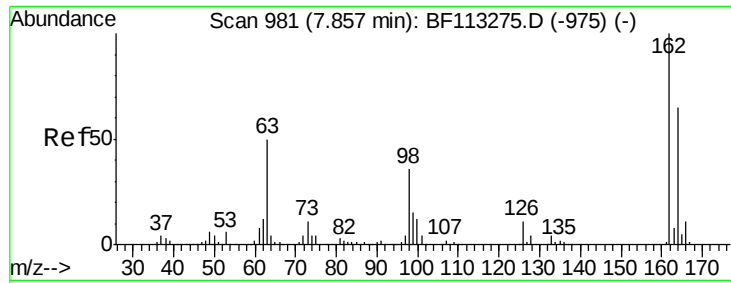
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#28
 bis(2-Chloroethoxy)methane
 Concen: 30.808 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1	26.0	39.0		
123	11.3	9.1	13.7		





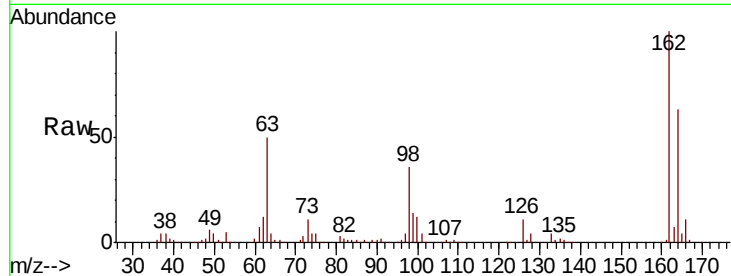
#29
2,4-Dichlorophenol
Concen: 30.679 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	289716		
164	63.1	44.6	84.6	
98	36.2	15.6	55.6	

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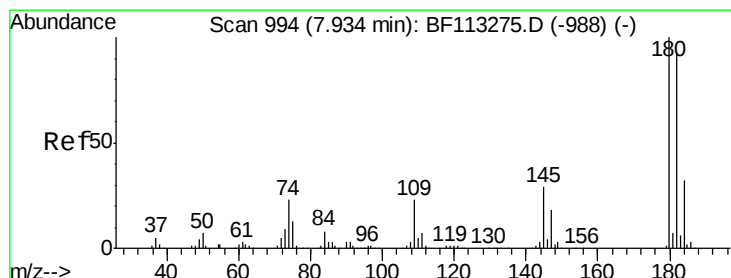
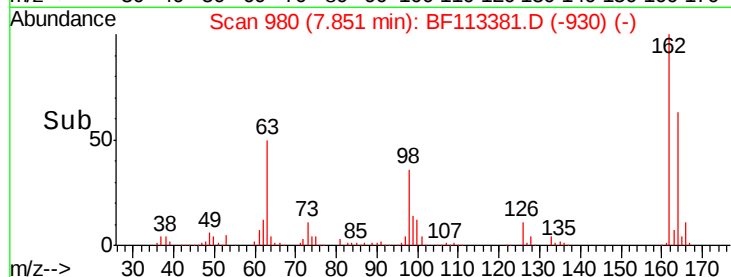
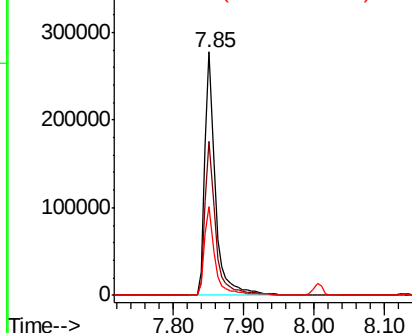


Abundance

Ion 162.00 (161.70 to 162.70): E

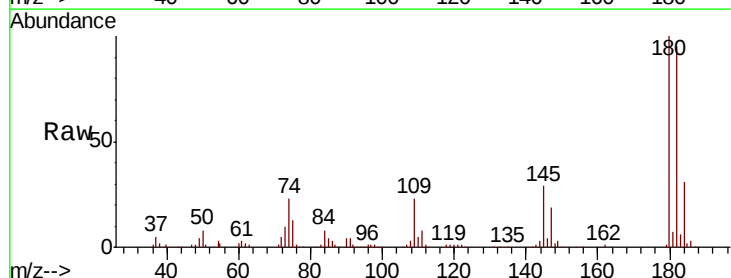
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 30.171 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	307399		
182	95.1	74.6	111.8	
145	28.8	23.4	35.0	

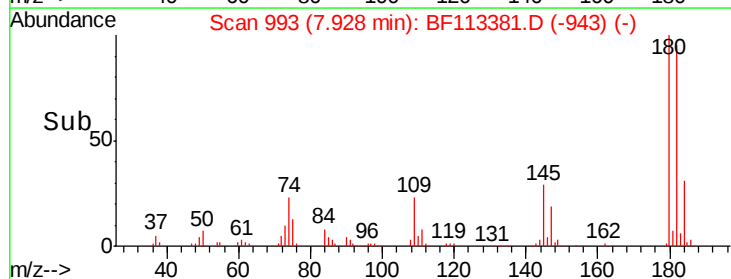
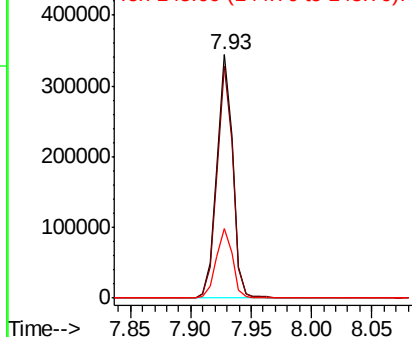


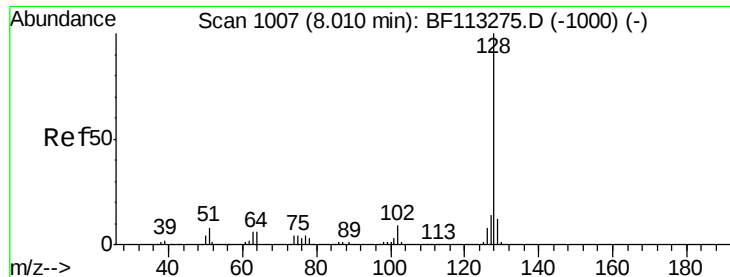
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





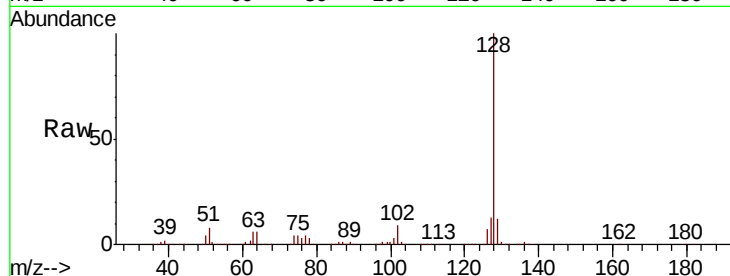
#31
Naphthalene
Concen: 30.347 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.3	10.9	16.3

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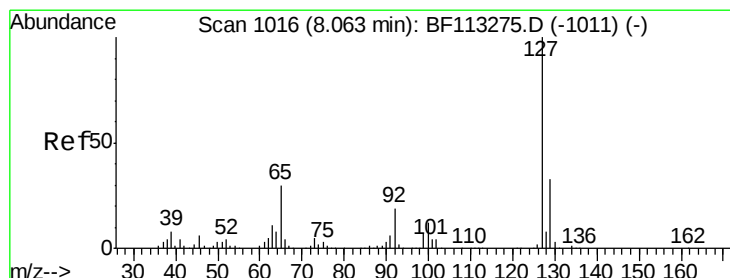
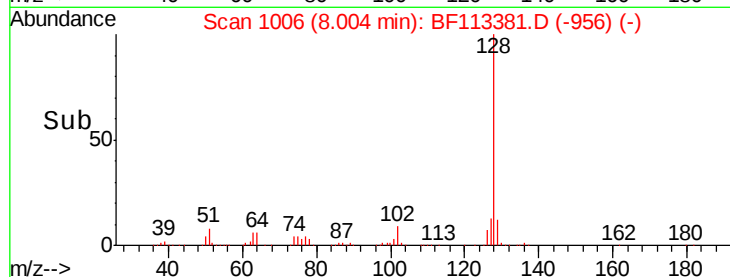
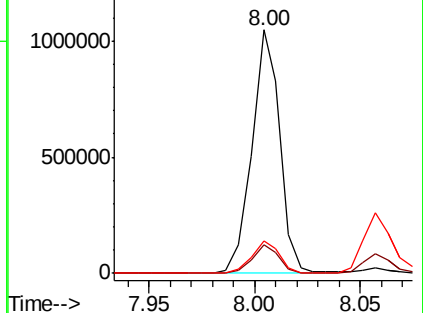


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33
4-Chloroaniline
Concen: 21.784 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	29.1	24.2	36.4
92	18.2	15.0	22.6

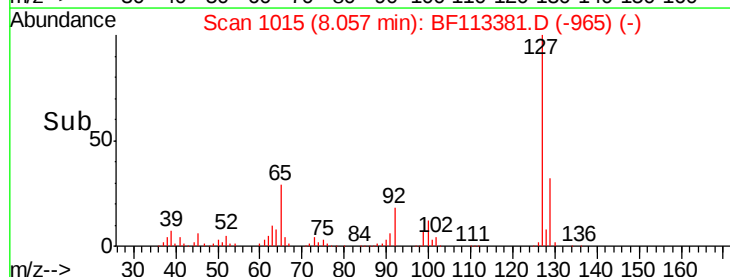
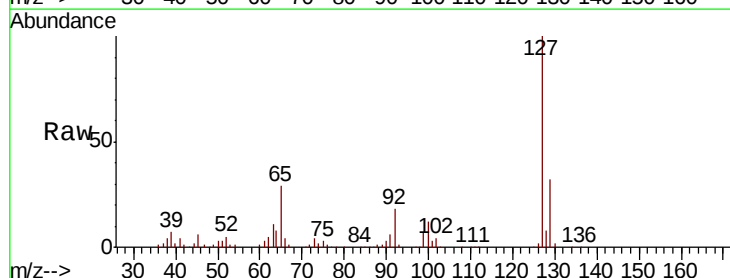
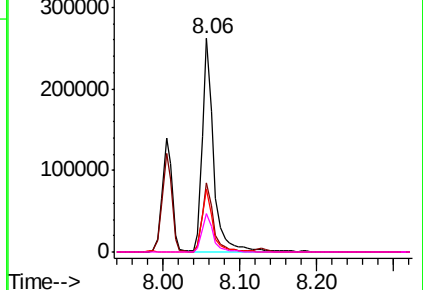
Abundance

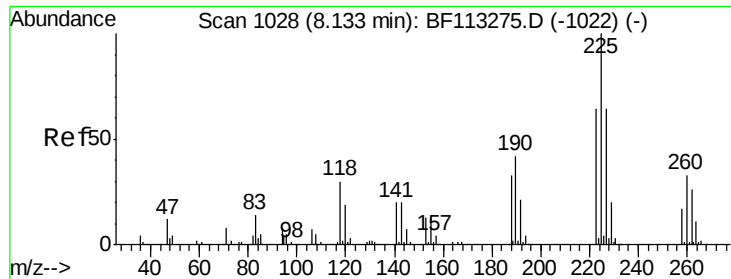
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 29.884 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF113381.D

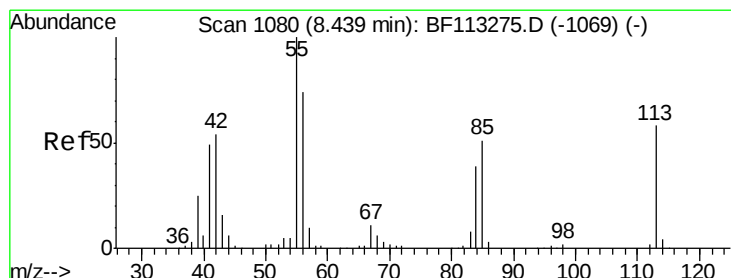
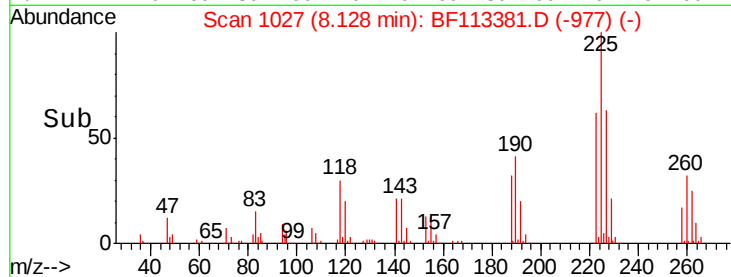
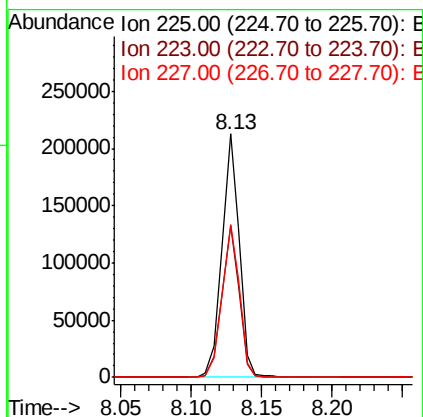
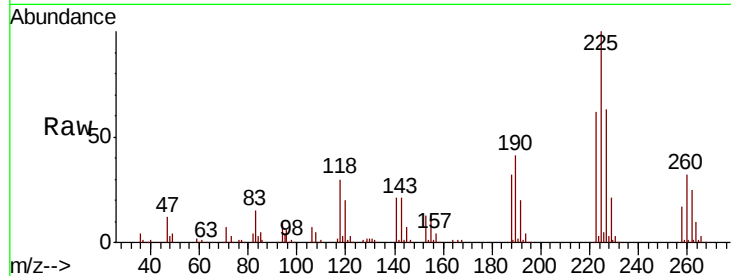
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion:	225	Resp:	180969
Ion Ratio	Lower	Upper	
225	100		
223	62.4	51.4	77.2
227	62.8	51.1	76.7

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#35

Caprolactam

Concen: 21.043 ng m

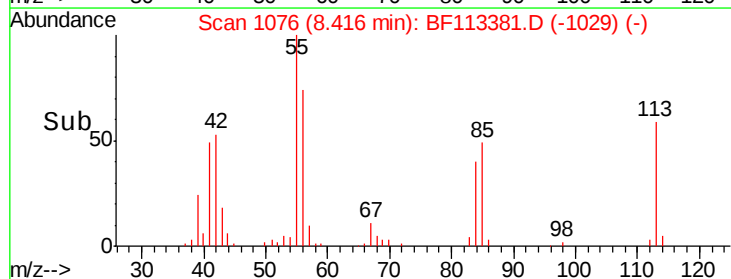
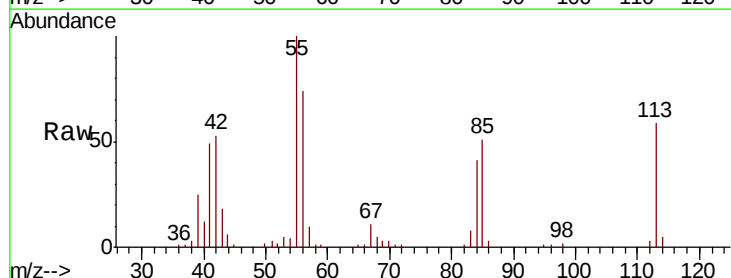
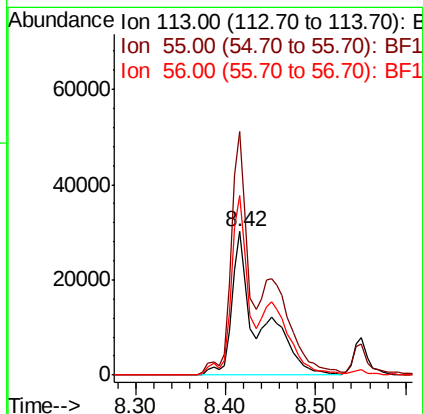
RT: 8.42 min Scan# 1076

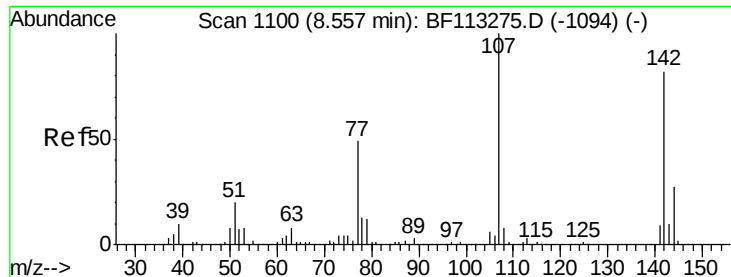
Delta R.T. -0.02 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion:	113	Resp:	63778
Ion Ratio	Lower	Upper	
113	100		
55	170.0	152.7	192.7
56	125.2	108.3	148.3





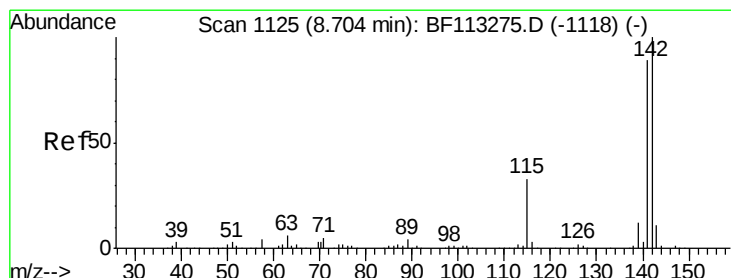
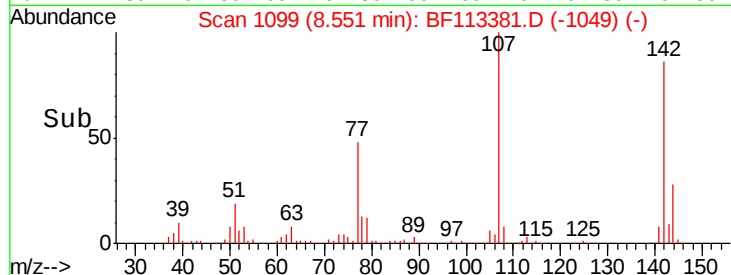
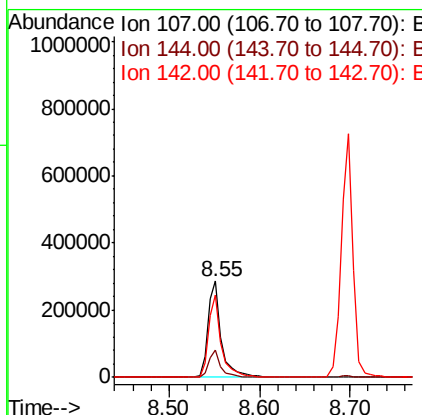
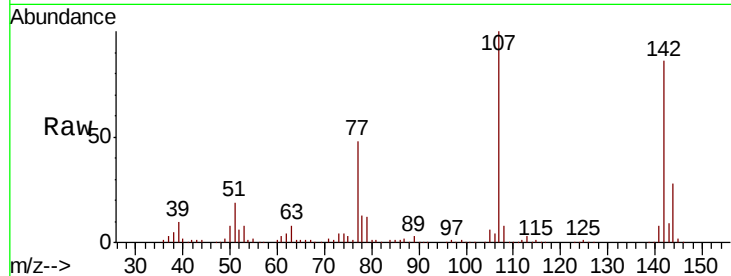
#36
 4-Chloro-3-methylphenol
 Concen: 31.424 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	298483		
144	27.8	21.4	32.0	
142	85.9	65.6	98.4	

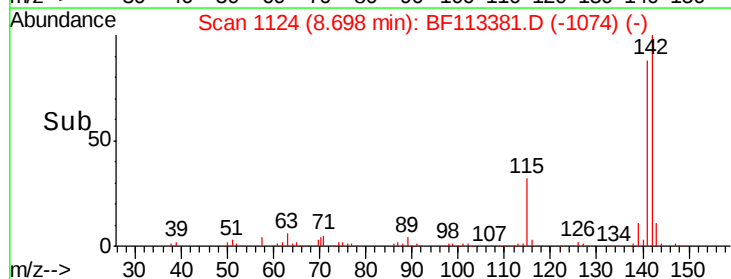
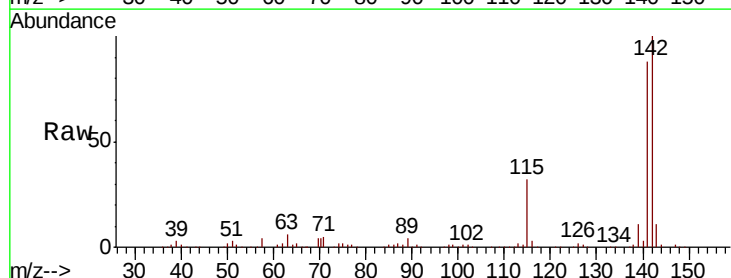
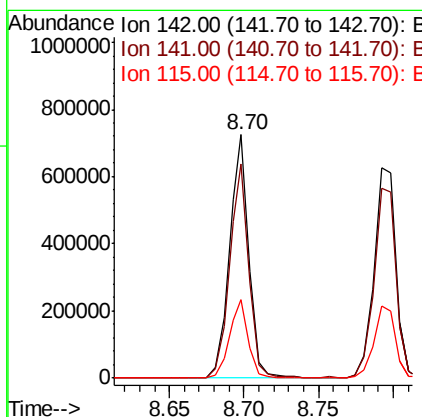
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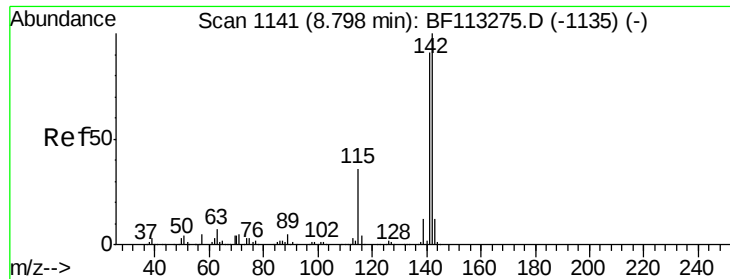
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#37
 2-Methylnaphthalene
 Concen: 33.272 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	661360		
141	88.0	71.0	106.6	
115	32.0	26.6	39.8	





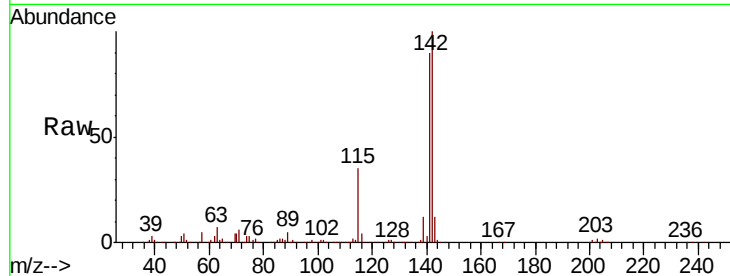
#38
1-Methylnaphthalene
Concen: 32.642 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.2	109.8
116	3.6	3.0	4.4

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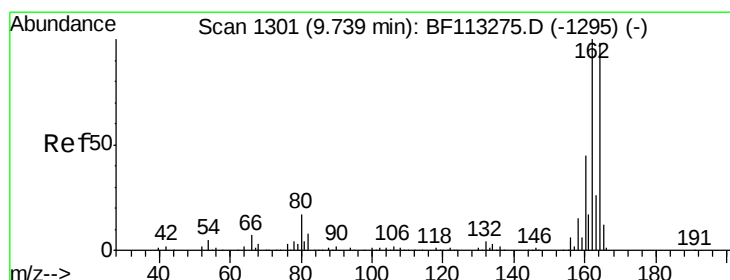
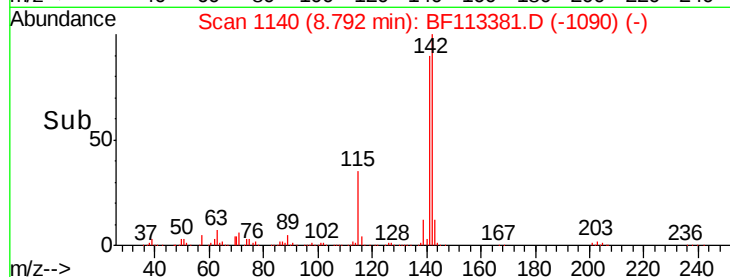
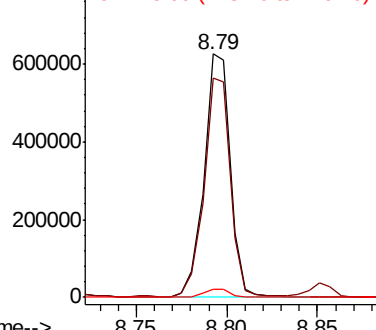


Abundance

Ion 142.00 (141.70 to 142.70): E

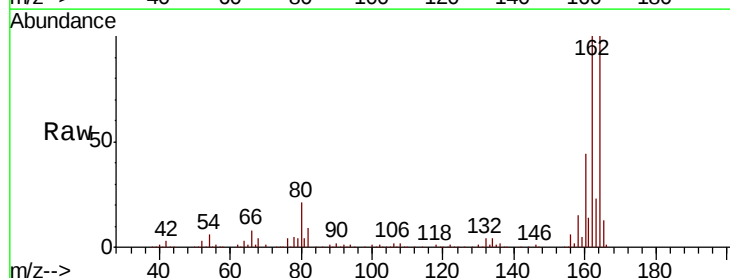
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.8	122.6
160	43.9	36.4	54.6

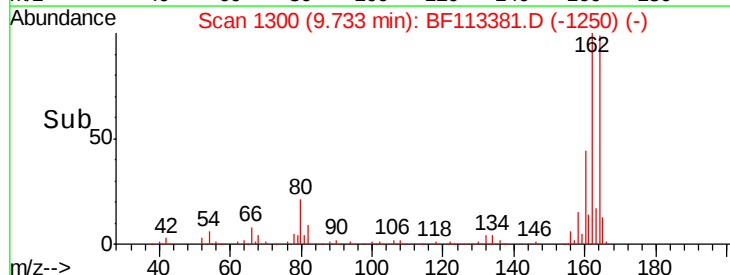
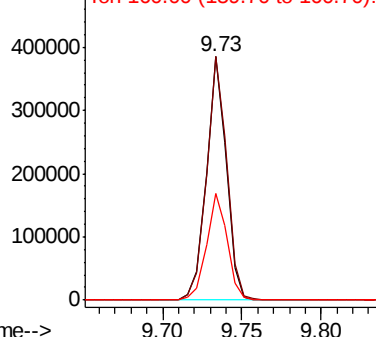


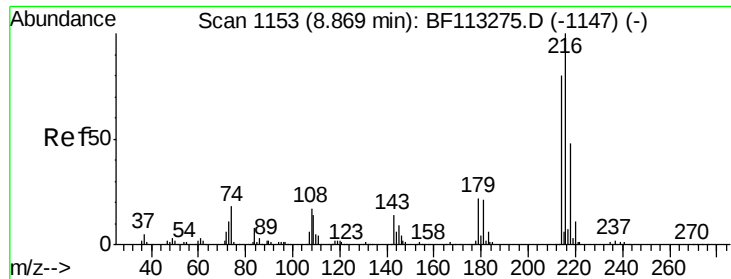
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





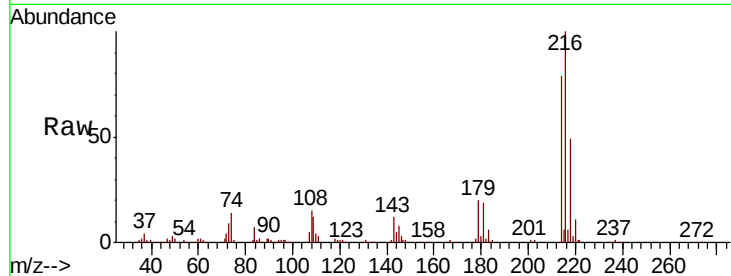
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.243 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		303992		
214	79.1	63.0	94.6		
179	20.3	16.8	25.2		
108	18.8	13.8	20.6		

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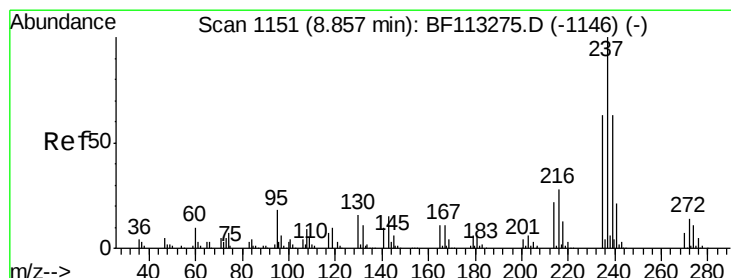
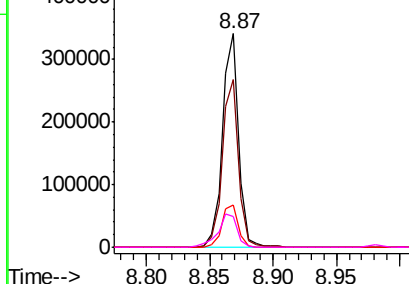
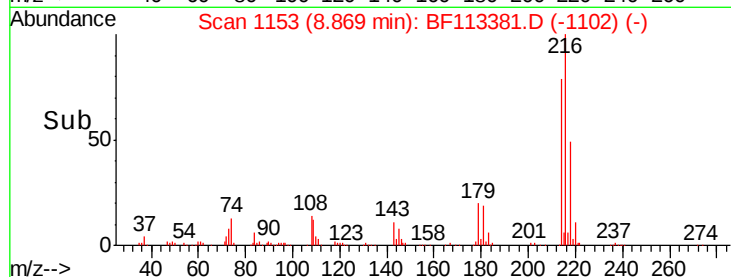
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

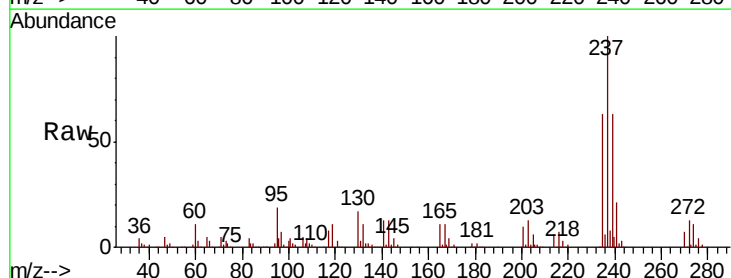
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41
 Hexachlorocyclopentadiene
 Concen: 59.362 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		270449		
235	63.0	43.4	83.4		
272	13.4	0.0	33.7		

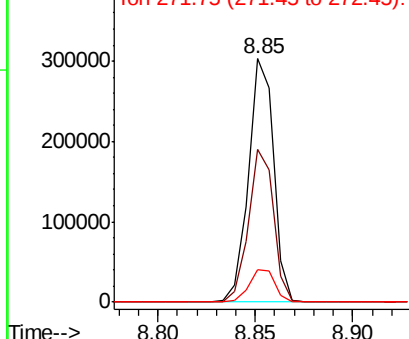
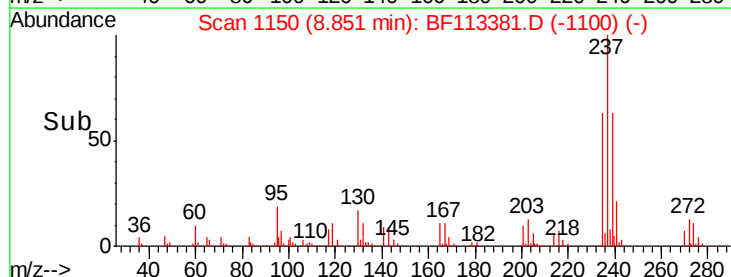


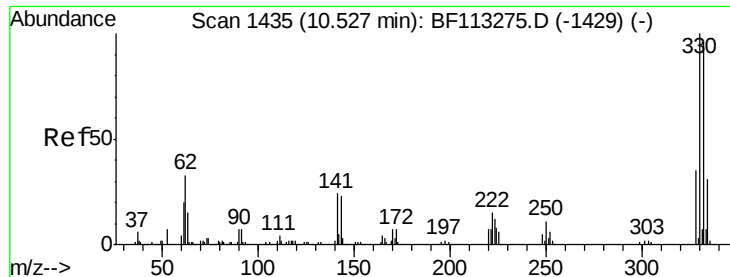
Abundance

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: 96.995 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

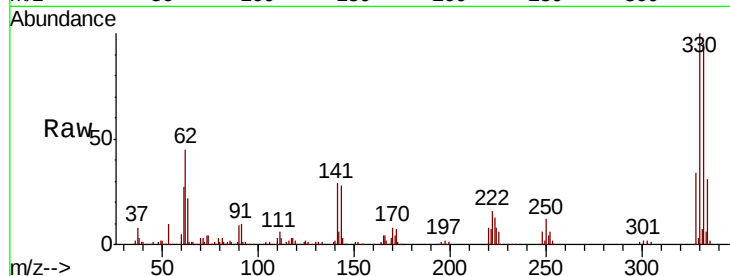
ClientSampled :

TP-8MS

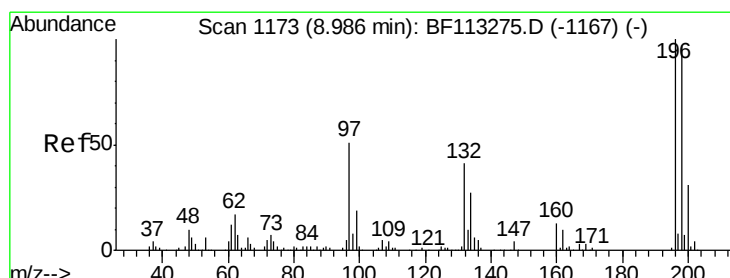
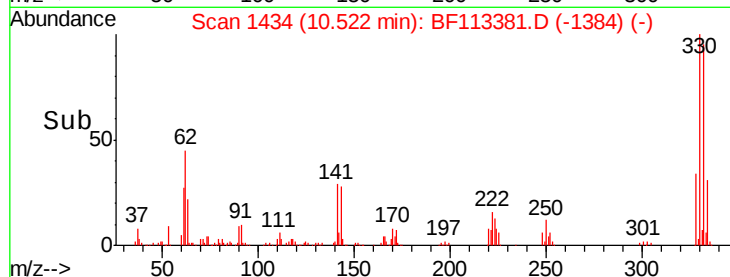
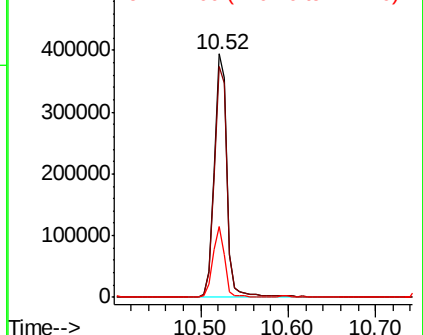
Tot Ion:	330	Resp:	401745
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.8	116.6
141	27.2	22.7	34.1

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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: 29.263 ng

RT: 8.98 min Scan# 1172

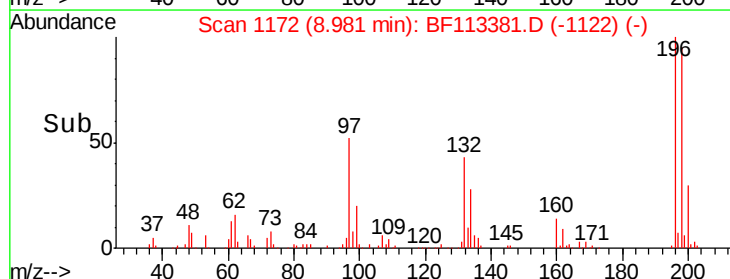
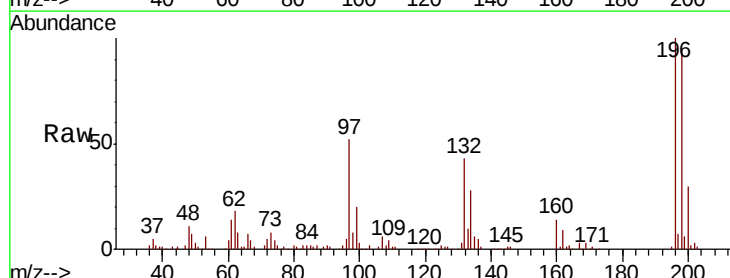
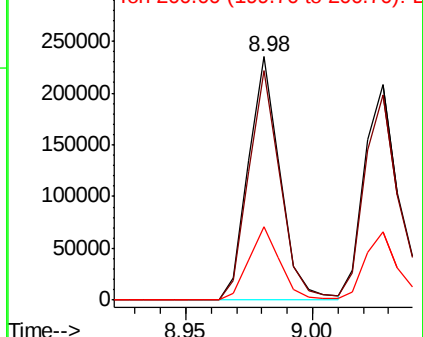
Delta R.T. -0.01 min

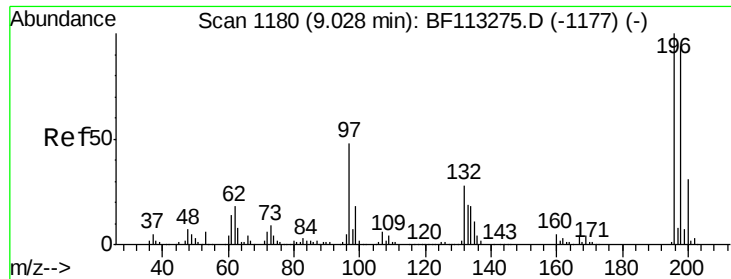
Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion:	196	Resp:	205111
Ion Ratio	Lower	Upper	
196	100		
198	94.5	77.7	116.5
200	30.0	24.9	37.3

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





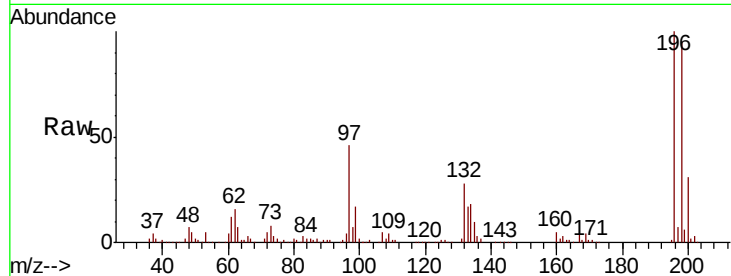
#44
 2,4,5-Trichlorophenol
 Concen: 27.673 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion:	196	Resp:	214661
Ion Ratio	Lower	Upper	
196	100		
198	94.8	75.4	113.2
97	45.6	38.6	58.0
132	28.1	22.9	34.3

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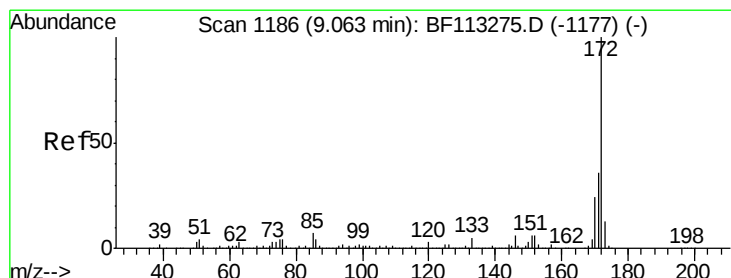
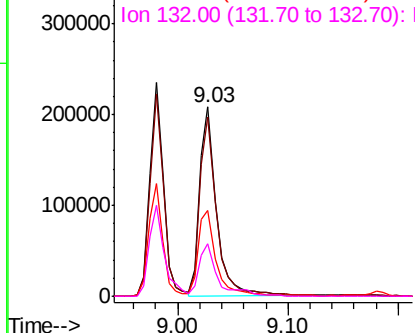
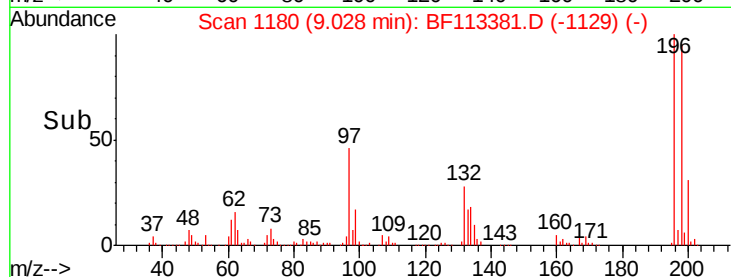
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

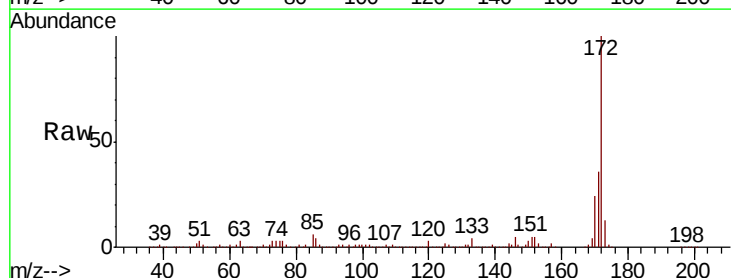
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.533 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:	172	Resp:	1420589
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.6
170	24.4	19.5	29.3

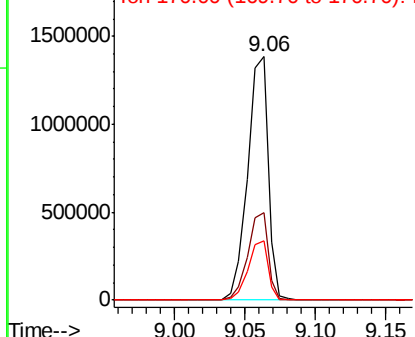
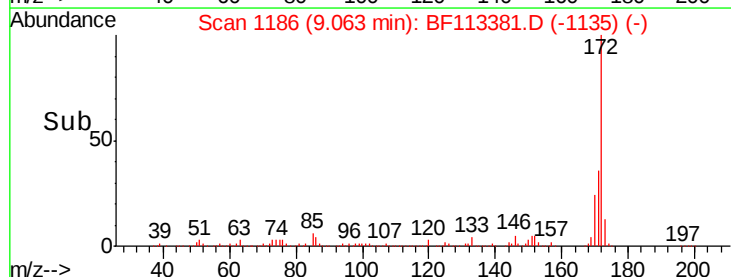


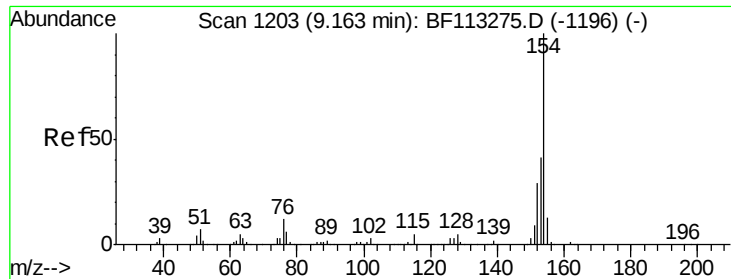
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





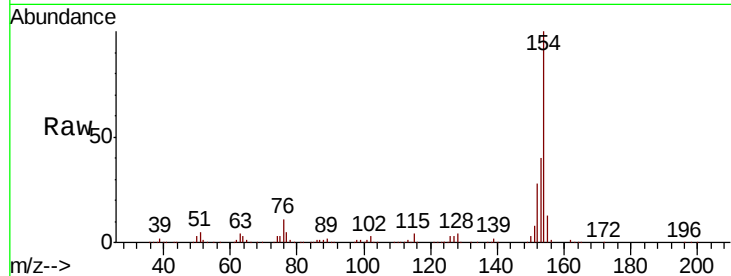
#46
1,1'-Biphenyl
Concen: 29.190 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	817470		
153	40.3		20.8	60.8
76	11.2		0.0	31.9

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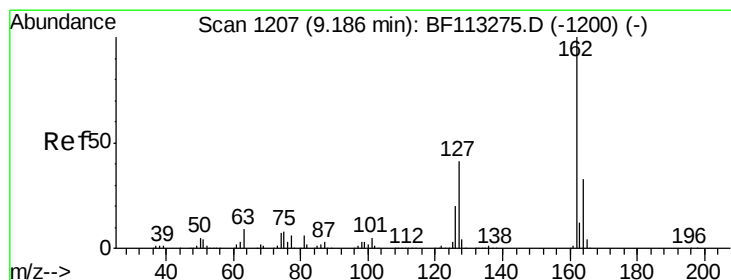
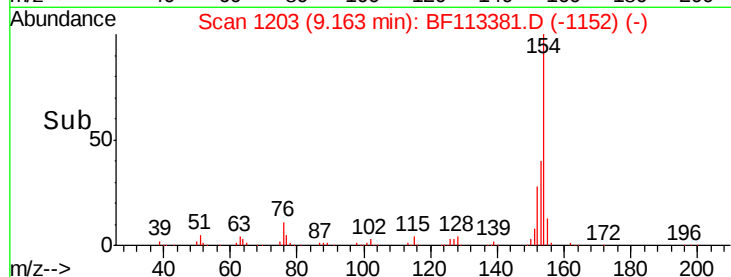
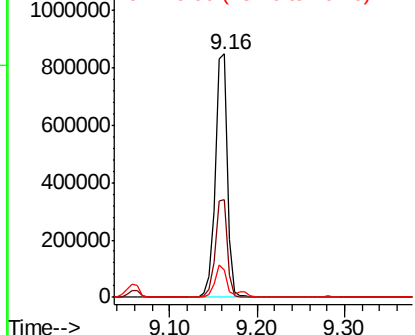


Abundance

Ion 154.00 (153.70 to 154.70): E

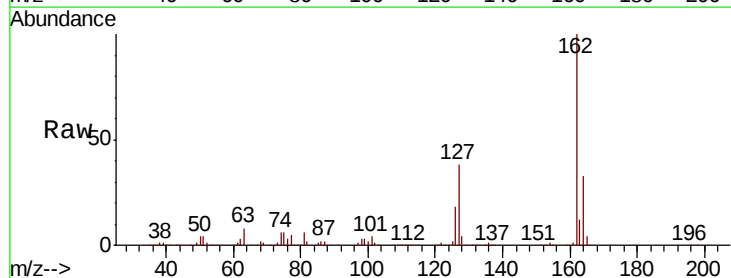
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
2-Chloronaphthalene
Concen: 28.892 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	622992		
127	38.2		32.6	49.0
164	33.3		26.6	39.8

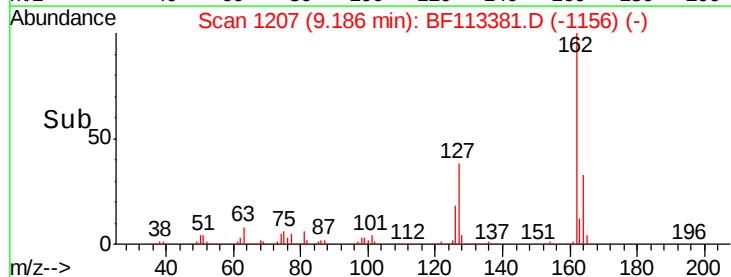
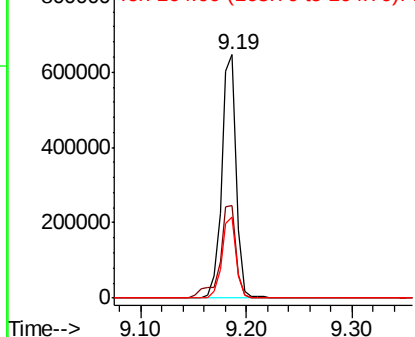


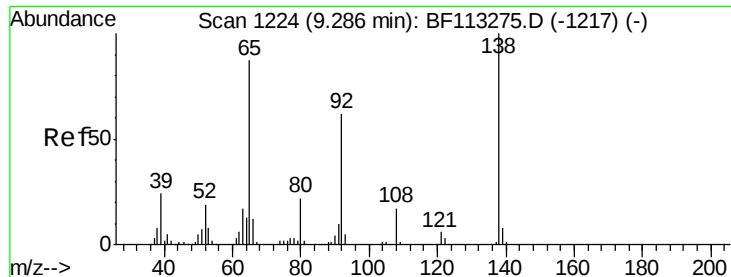
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





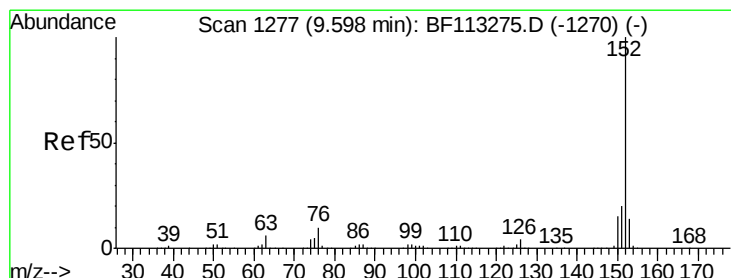
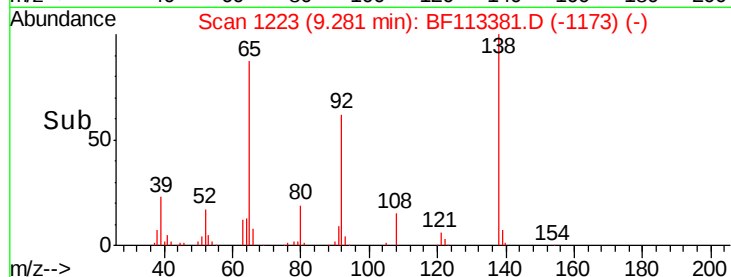
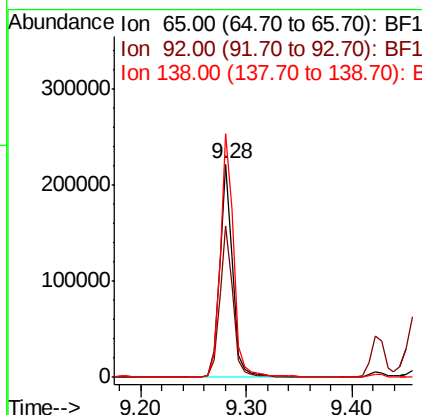
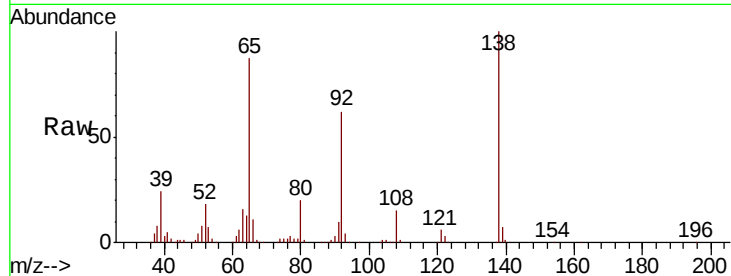
#48
2-Nitroaniline
Concen: 28.992 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.0	56.8	85.2
138	114.3	92.3	138.5

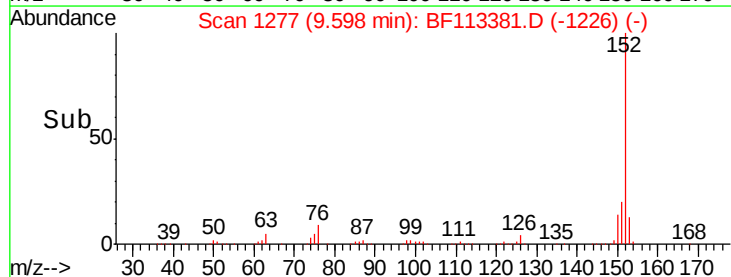
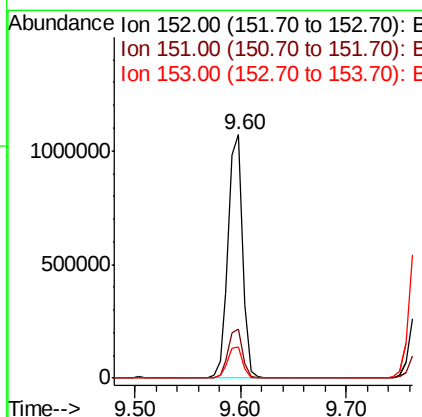
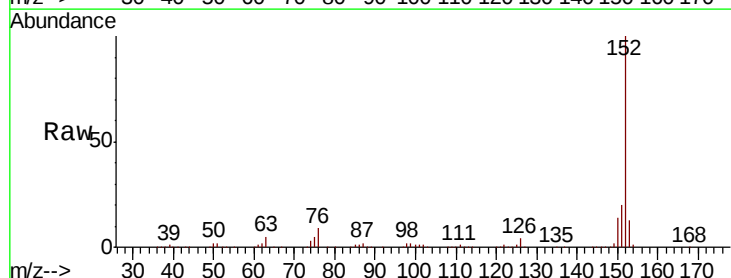
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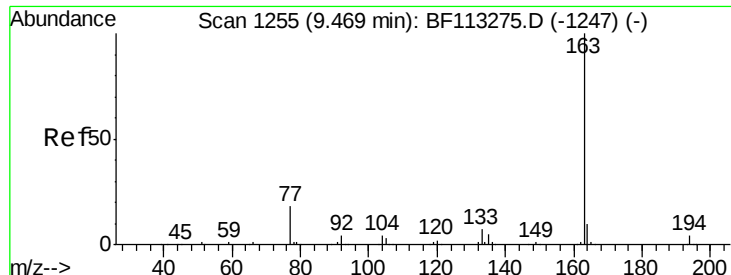
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#49
Acenaphthylene
Concen: 29.316 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.0	11.0	16.6





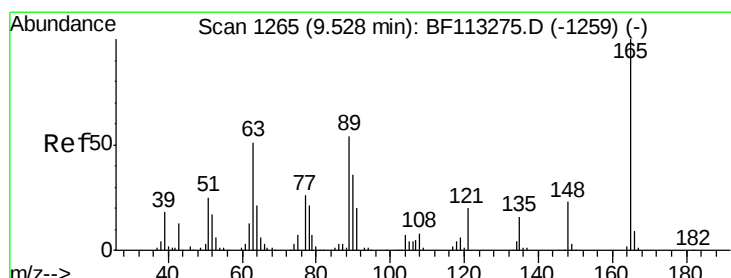
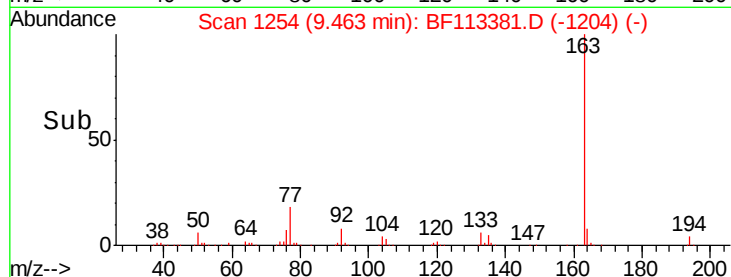
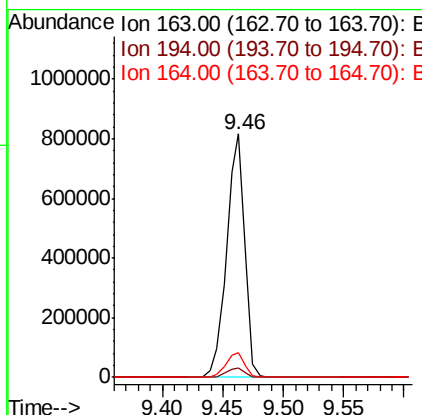
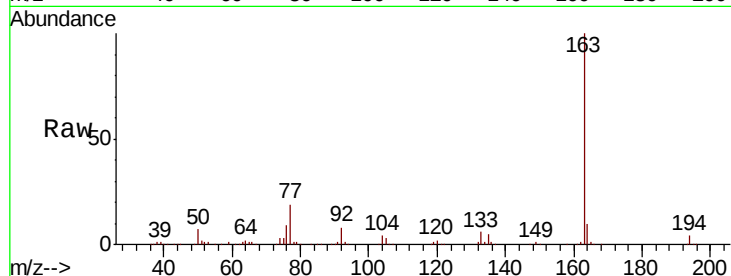
#50
Dimethylphthalate
Concen: 33.864 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	841494		
194	4.0		3.0	4.6
164	10.4		8.1	12.1

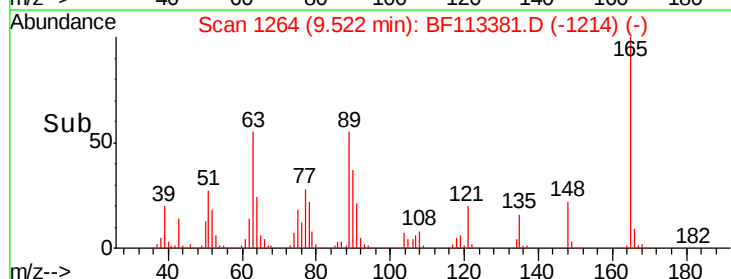
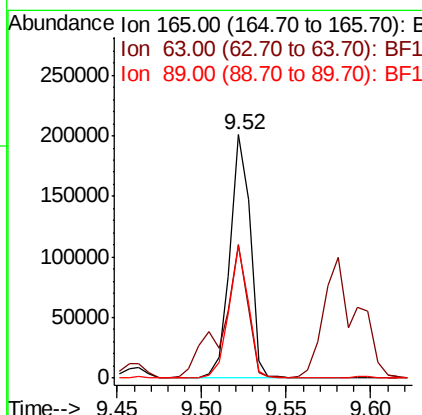
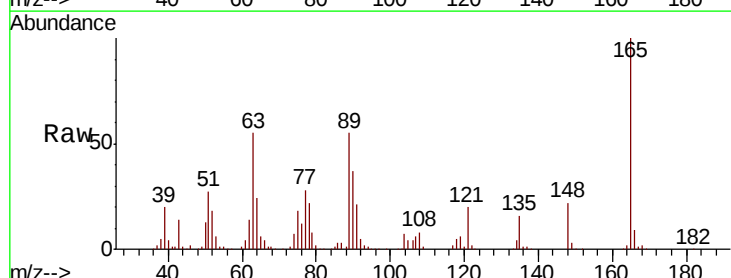
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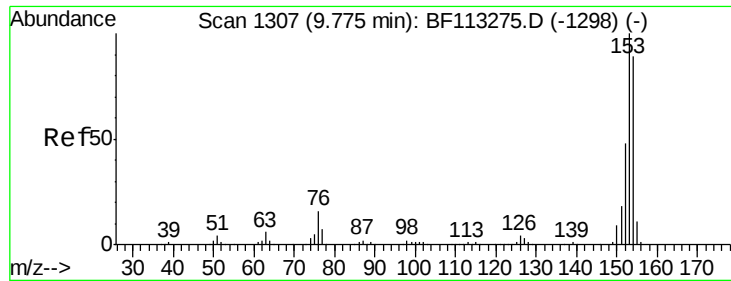
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#51
2,6-Dinitrotoluene
Concen: 29.777 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	166927		
63	54.7		43.4	65.0
89	54.6		43.1	64.7





#52

Acenaphthene

Concen: 29.558 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

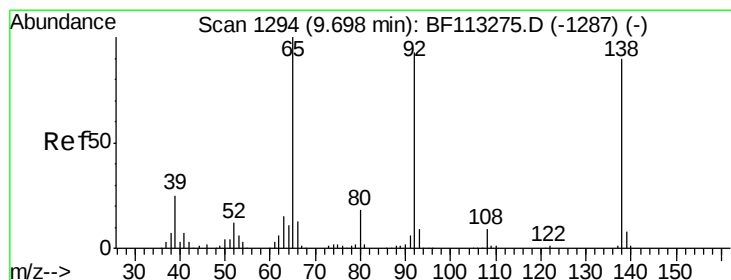
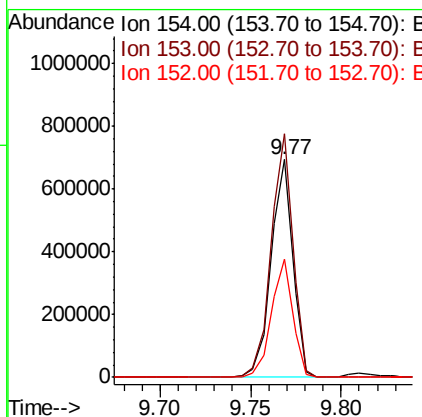
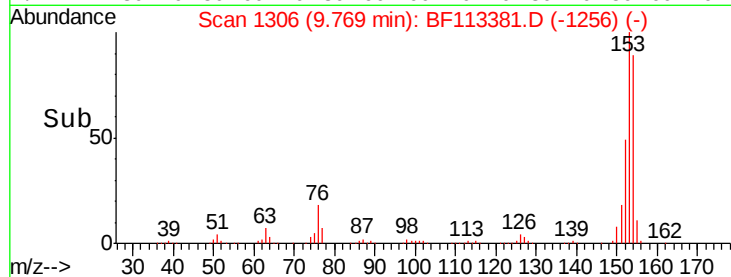
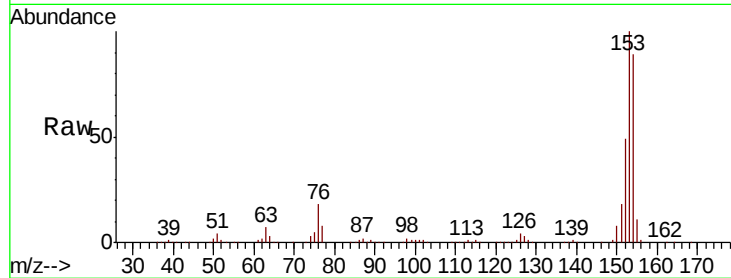
ClientSampled :

TP-8MS

Tot Ion:	154	Resp:	580349
Ion Ratio	Lower	Upper	
154	100		
153	111.9	89.5	134.3
152	54.4	43.3	64.9

Manual Integrations
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#53

3-Nitroaniline

Concen: 27.182 ng

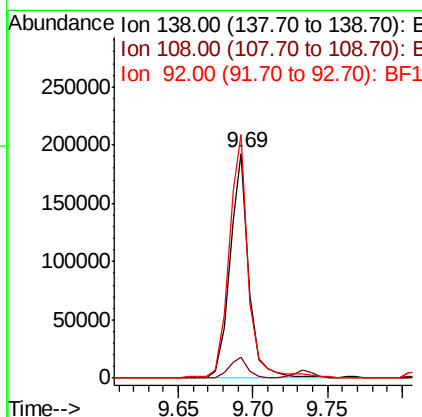
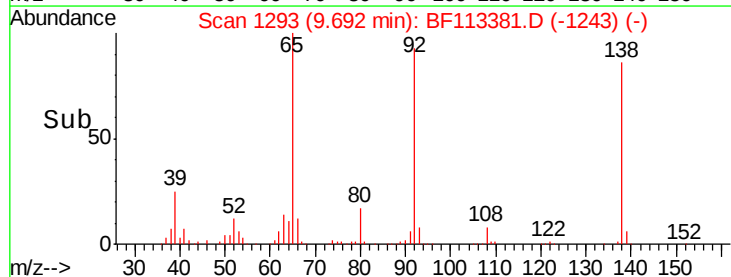
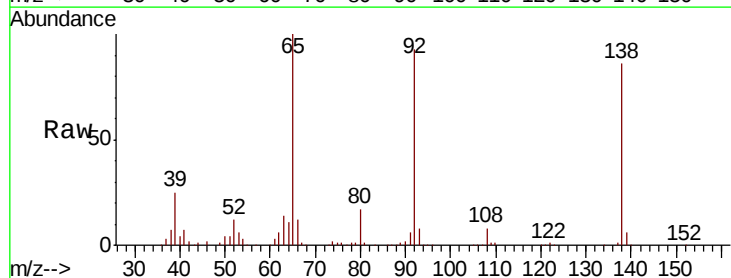
RT: 9.69 min Scan# 1293

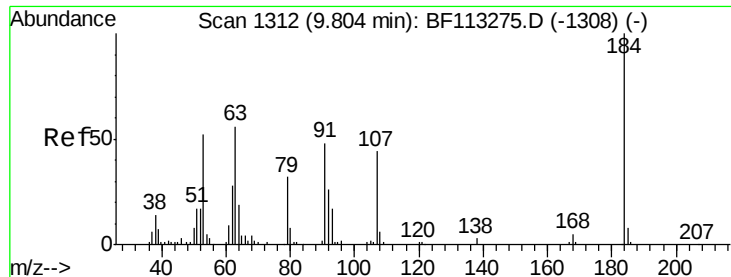
Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion:	138	Resp:	171841
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.6
92	108.2	82.6	124.0





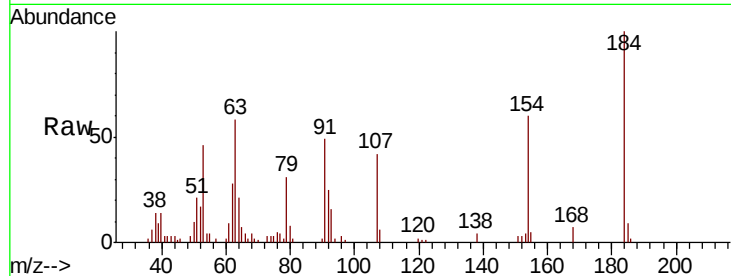
#54
2,4-Dinitrophenol
Concen: 11.036 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.7	54.3	81.5
154	60.1	48.4	72.6

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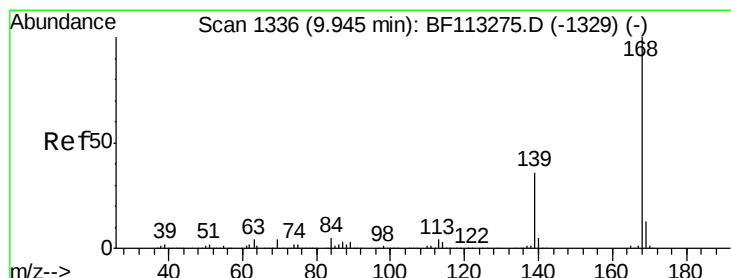
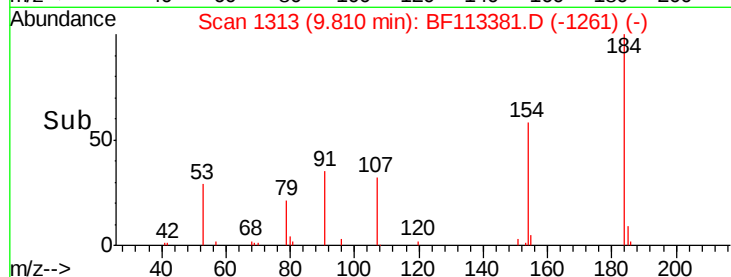
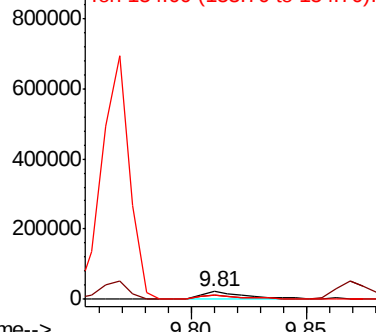


Abundance

Ion 184.00 (183.70 to 184.70): E

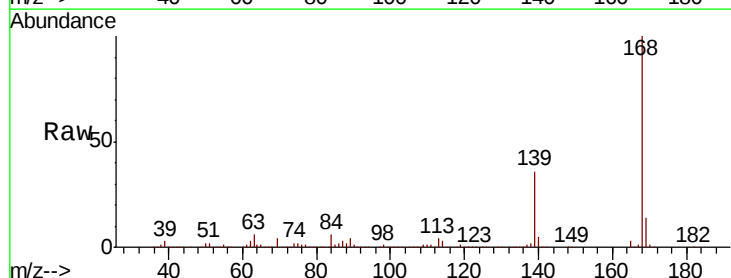
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 30.231 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.9	29.7	44.5
169	13.6	10.7	16.1

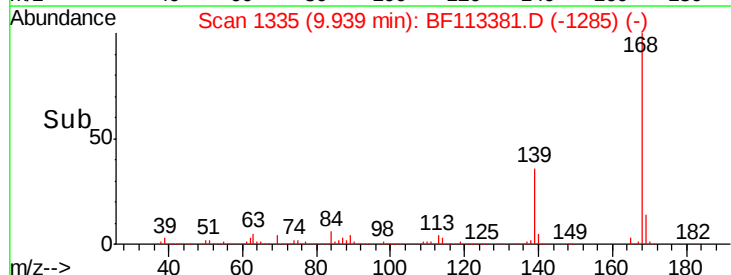
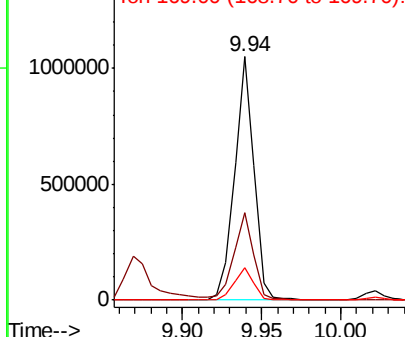


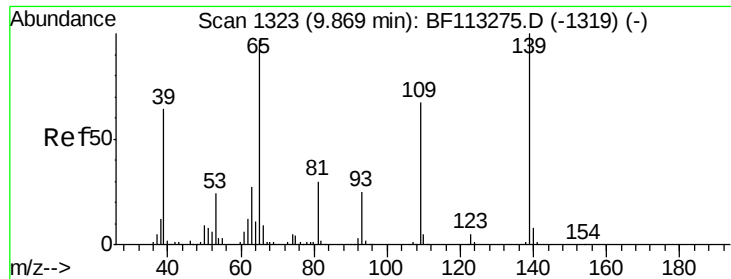
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





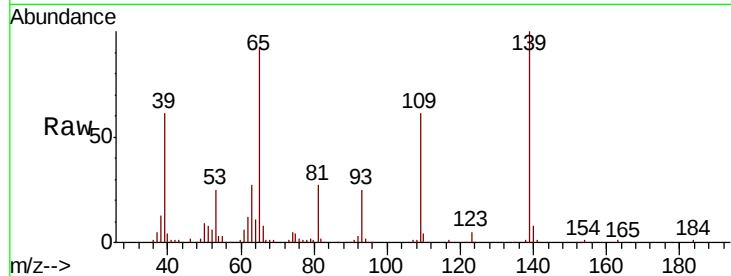
#56
4-Nitrophenol
Concen: 50.076 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	225701		
109	60.9	46.9	86.9	
65	91.6	77.2	117.2	

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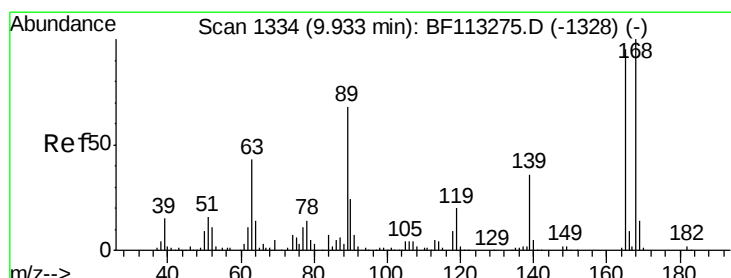
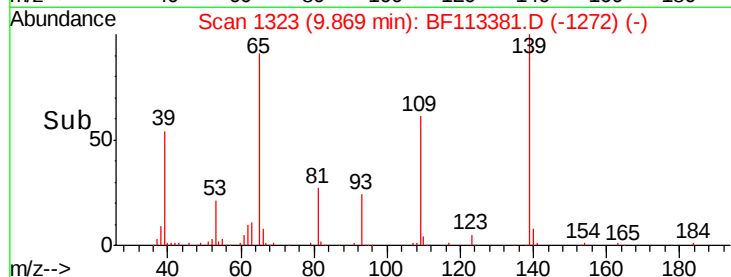
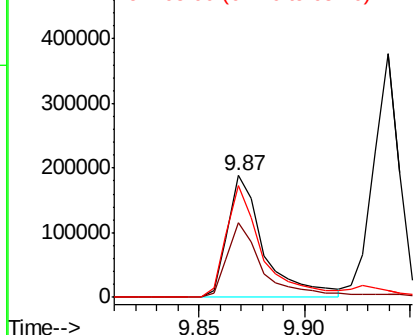


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 30.690 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	218796		
63	48.1	37.5	56.3	
89	73.4	57.4	86.2	
182	2.6	2.0	3.0	

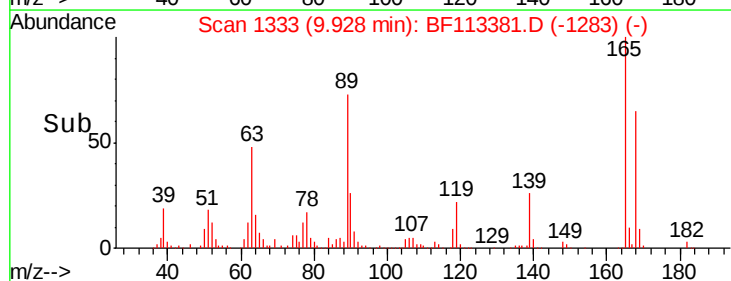
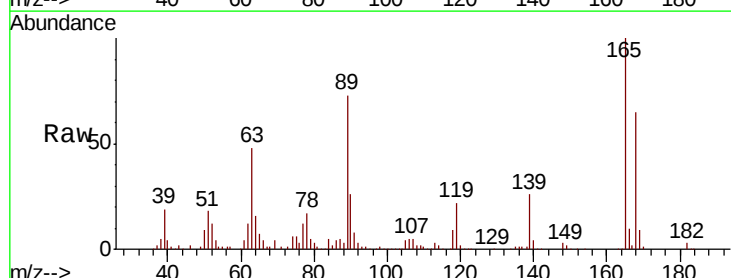
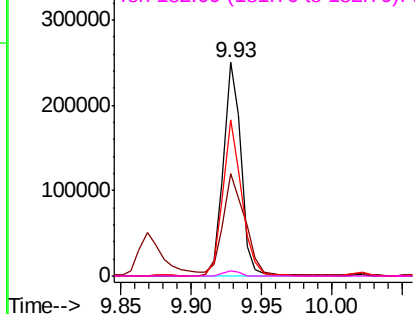
Abundance

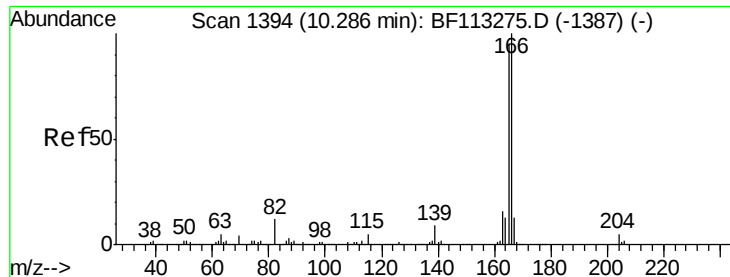
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





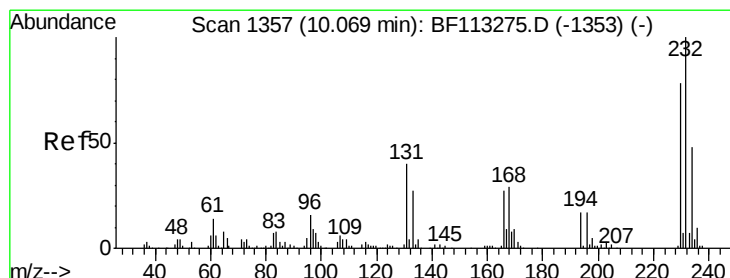
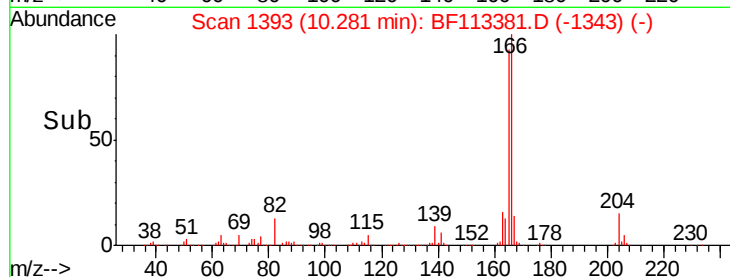
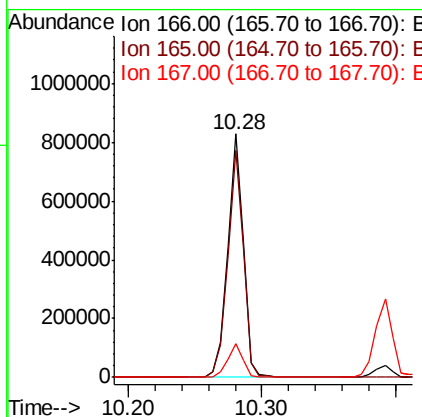
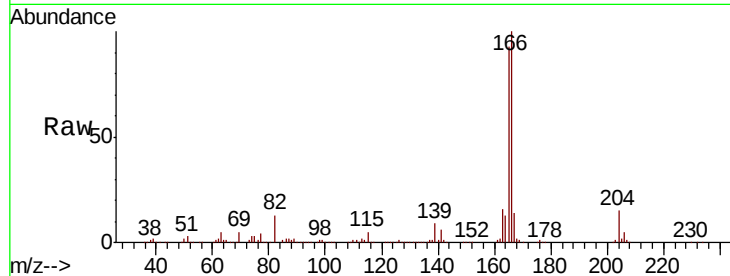
#58
 Fluorene
 Concen: 30.013 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.1	76.2	114.2
167	13.7	10.7	16.1

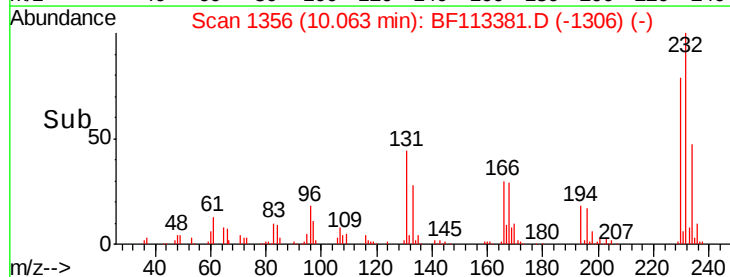
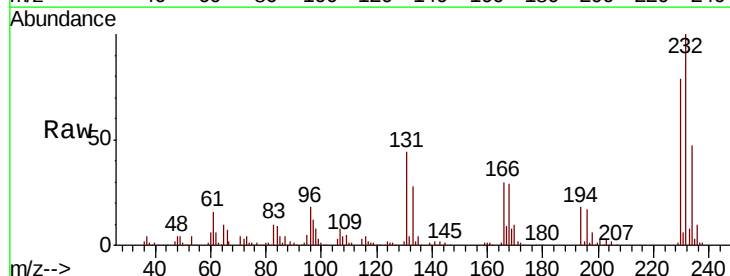
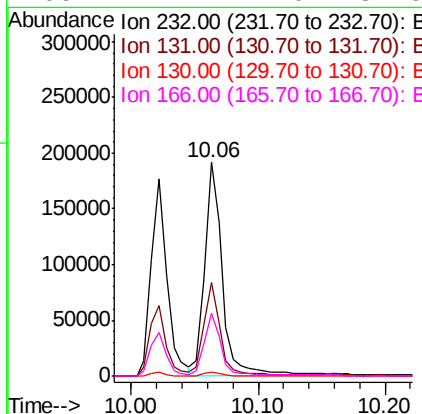
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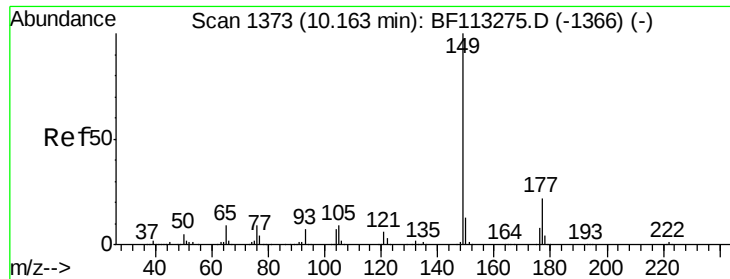
Sohil
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 28.188 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	33.2	49.8
130	1.9	1.6	2.4
166	27.2	21.0	31.6





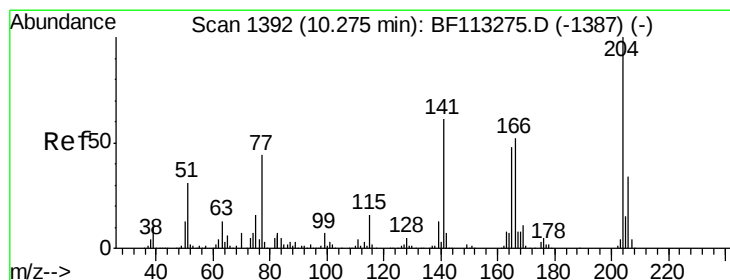
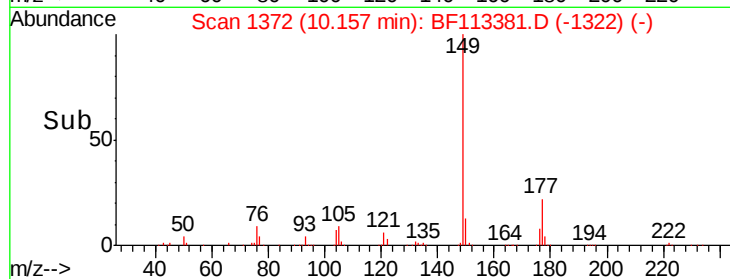
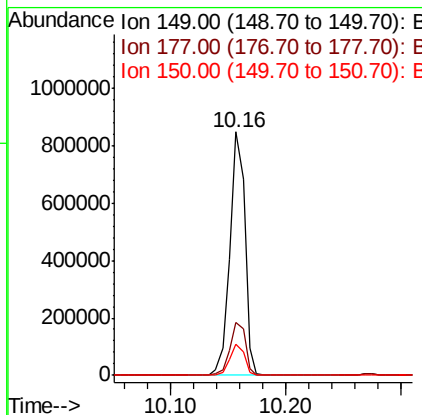
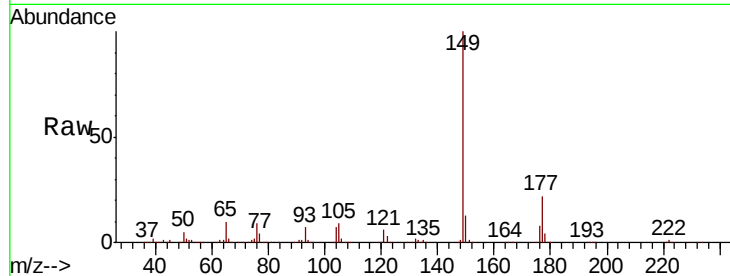
#60
Diethylphthalate
Concen: 31.464 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.0
150	12.7	10.0	15.0

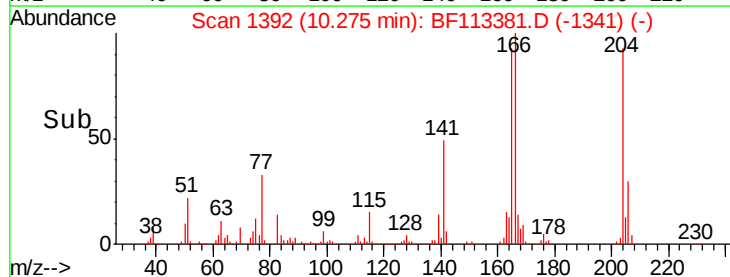
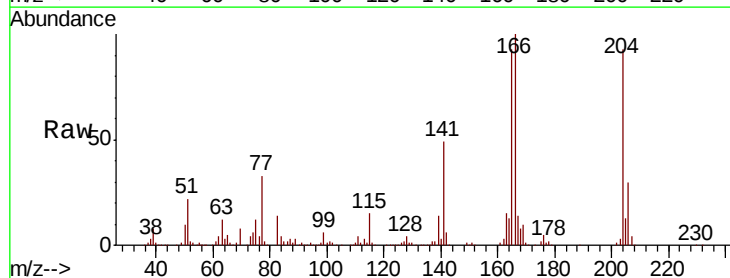
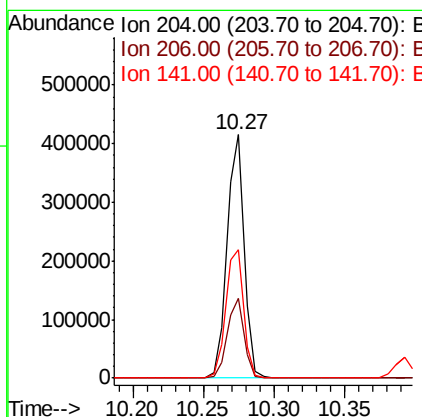
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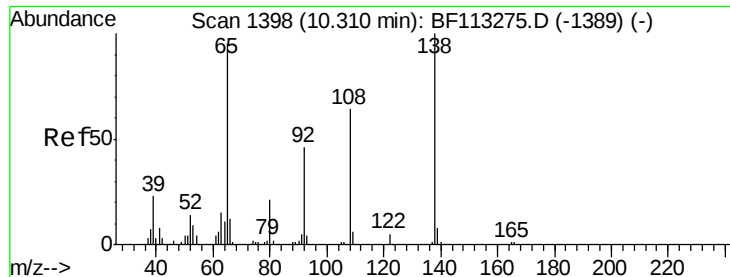
Sohil
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#61
4-Chlorophenyl-phenylether
Concen: 31.229 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.9	40.3
141	52.5	48.8	73.2





#62

4-Nitroaniline

Concen: 29.846 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

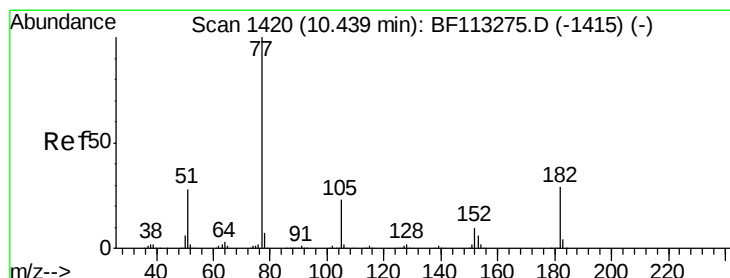
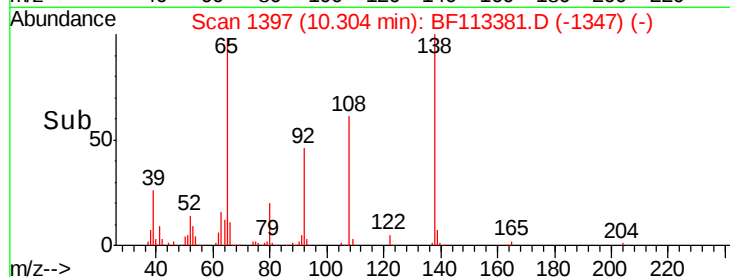
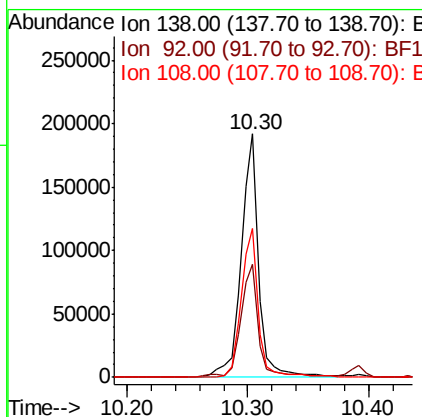
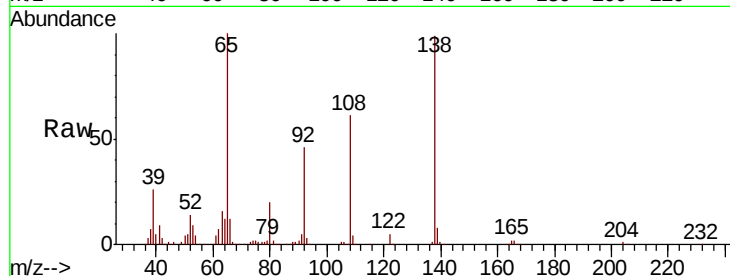
ClientSampled :

TP-8MS

Tot Ion:	138	Resp:	194267
Ion	Ratio	Lower	Upper
138	100		
92	46.2	25.8	65.8
108	61.3	44.0	84.0

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#63

Azobenzene

Concen: 30.731 ng

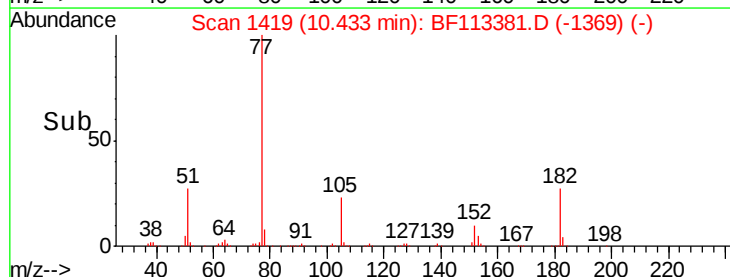
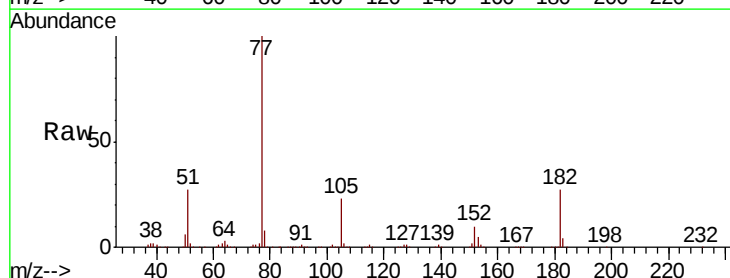
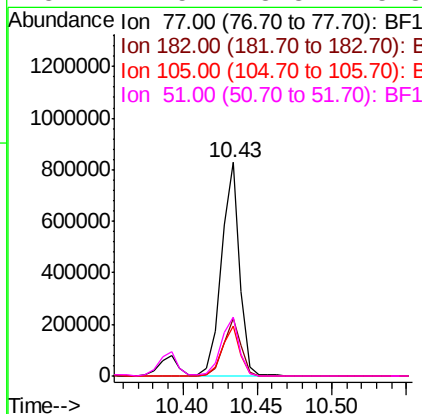
RT: 10.43 min Scan# 1419

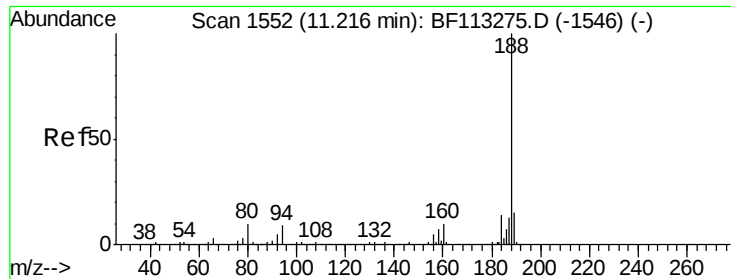
Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion:	77	Resp:	705177
Ion	Ratio	Lower	Upper
77	100		
182	27.2	8.7	48.7
105	23.3	2.9	42.9
51	27.5	8.8	48.8





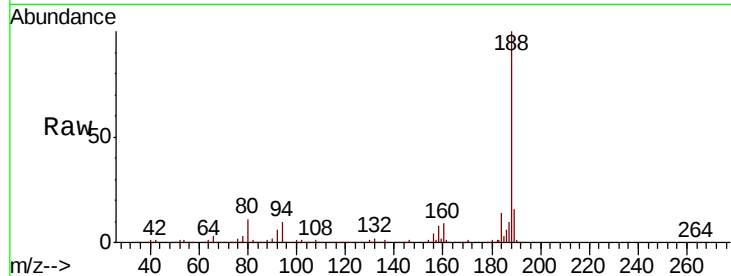
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

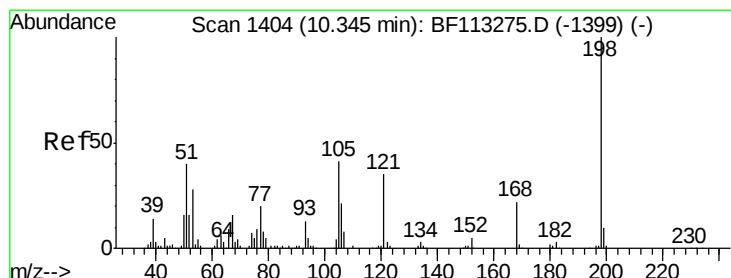
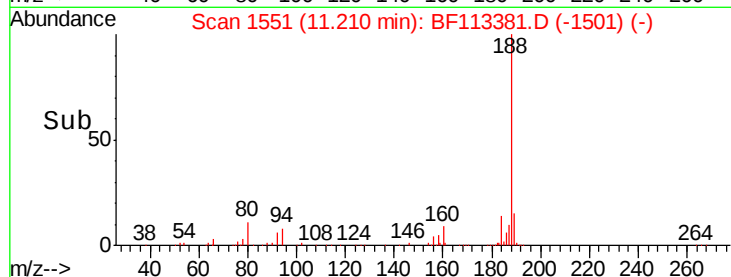
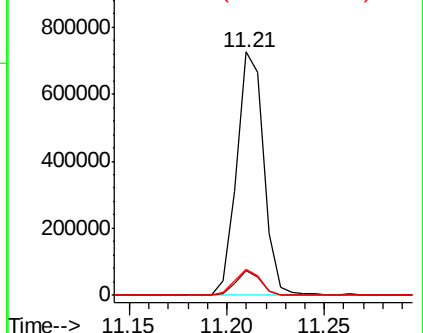
Tot Ion	Ratio	Resp	Lower	Upper
188	100	697304		
94	10.4		7.0	10.6
80	10.9		7.7	11.5

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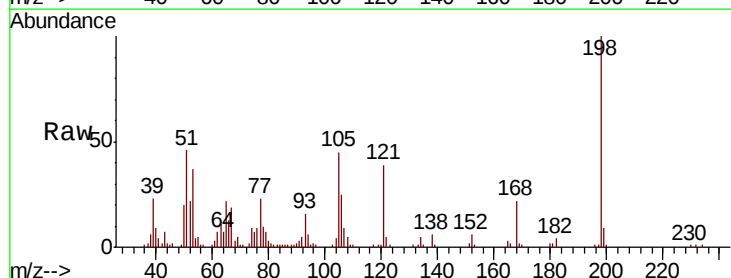


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

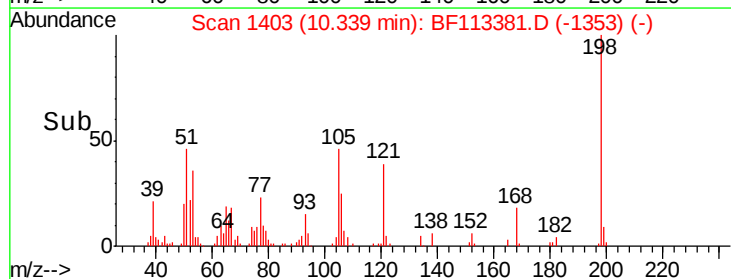
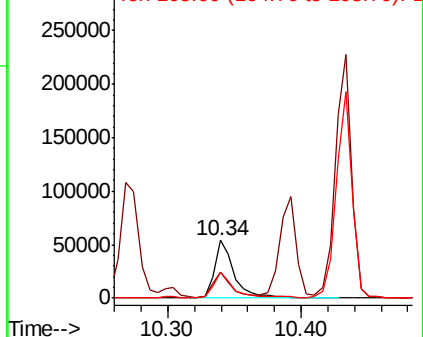


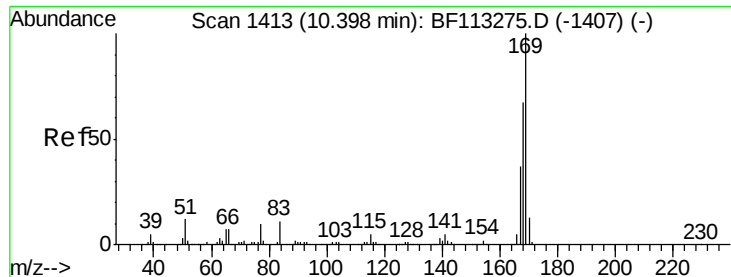
#65
4,6-Dinitro-2-methylphenol
Concen: 14.799 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56451		
51	46.3		21.6	61.6
105	45.5		20.6	60.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





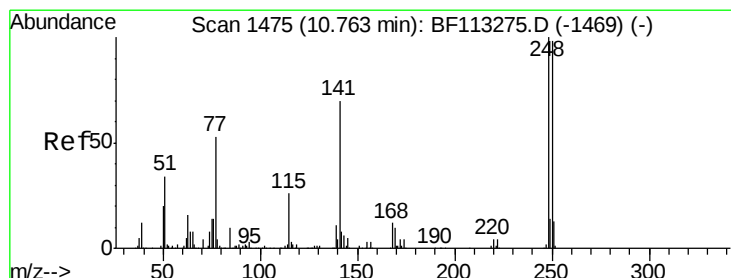
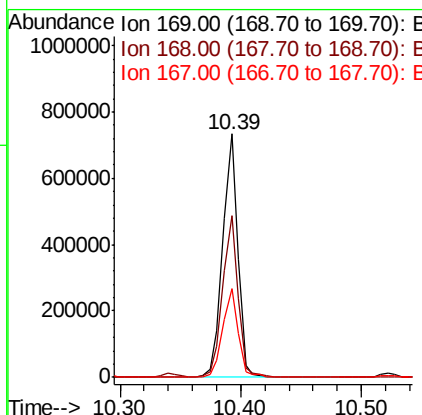
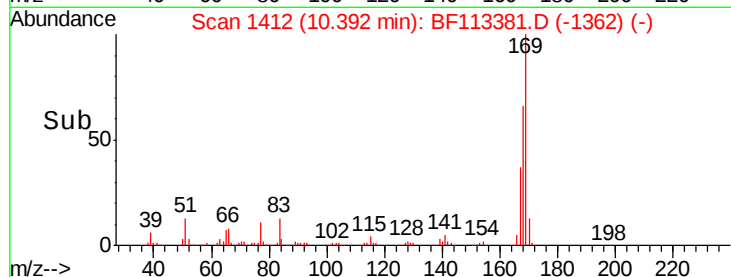
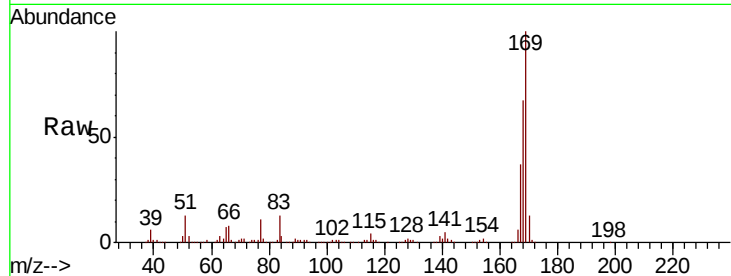
#66
 n-Nitrosodiphenylamine
 Concen: 29.563 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.7	80.5
167	36.7	29.5	44.3

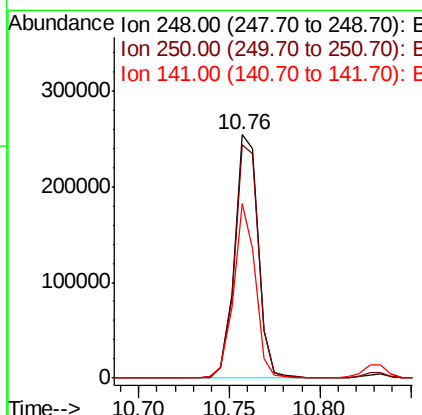
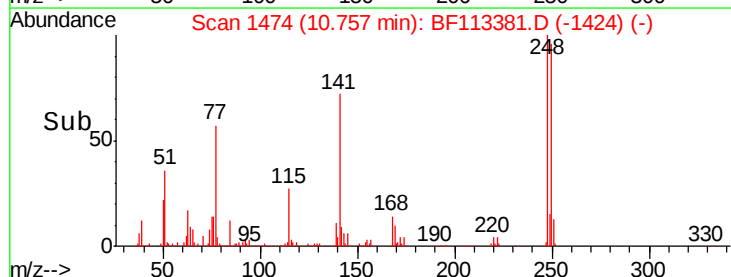
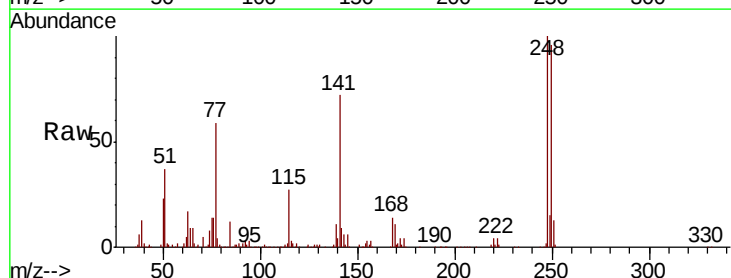
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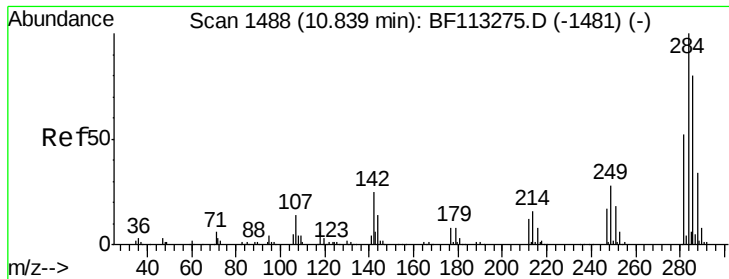
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#67
 4-Bromophenyl-phenylether
 Concen: 30.465 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.3	117.5
141	71.6	56.2	84.4





#68

Hexachlorobenzene

Concen: 29.925 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

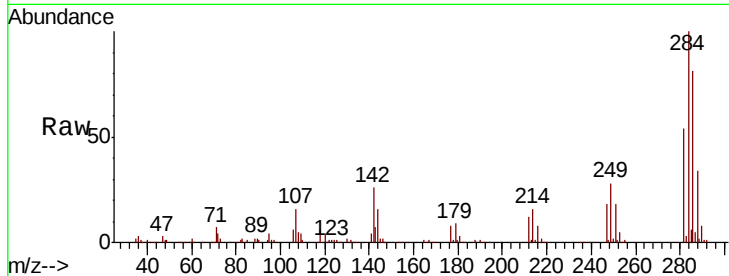
ClientSampled :

TP-8MS

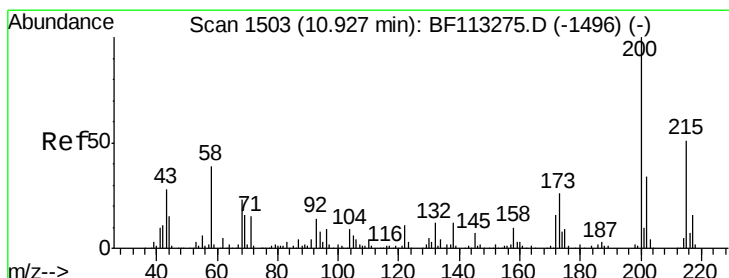
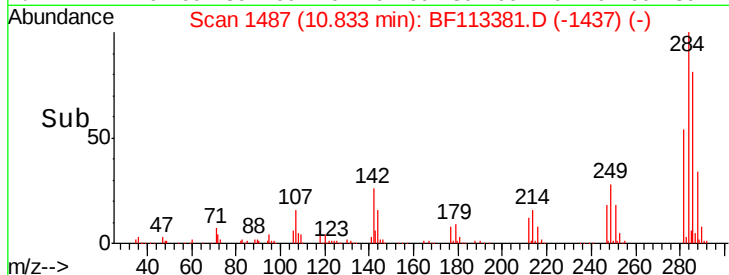
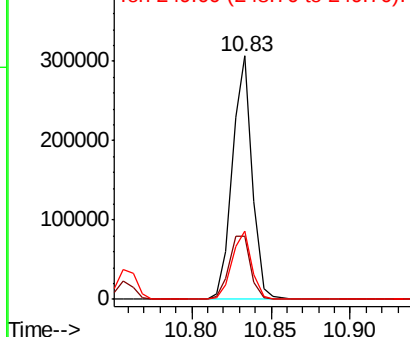
Tot Ion:	284	Resp:	263989
Ion Ratio	Lower	Upper	
284	100		
142	25.9	20.1	30.1
249	28.3	22.7	34.1

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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: 32.197 ng

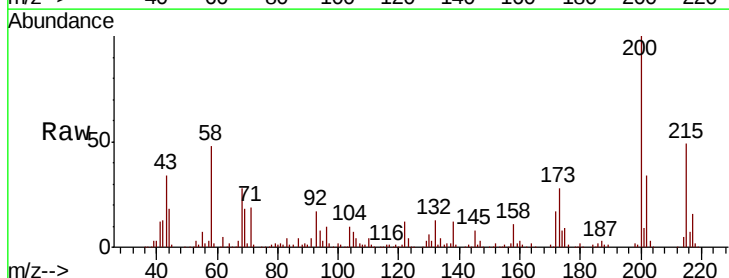
RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

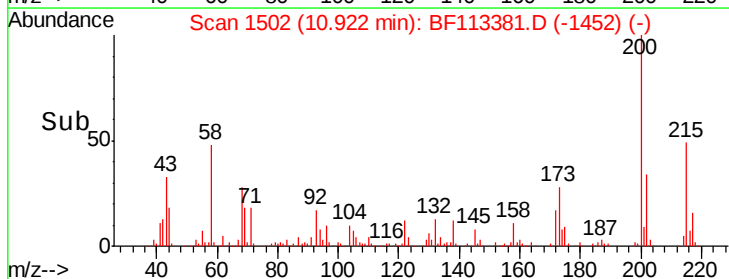
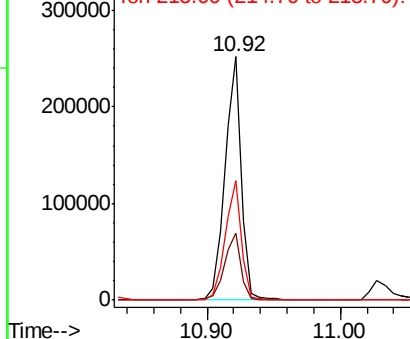
Lab File: BF113381.D

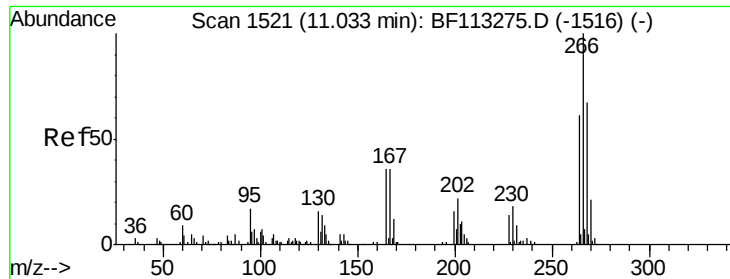
Acq: 28 Mar 2019 18:36

Tgt Ion:	200	Resp:	217447
Ion Ratio	Lower	Upper	
200	100		
173	27.7	6.0	46.0
215	49.1	31.3	71.3



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





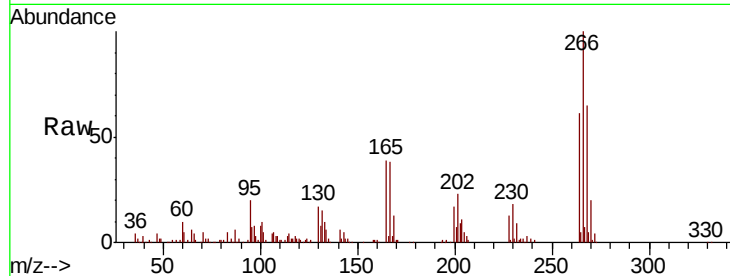
#70
 Pentachlorophenol
 Concen: 34.206 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157217		
268	65.2		53.8	80.6
264	60.5		49.2	73.8

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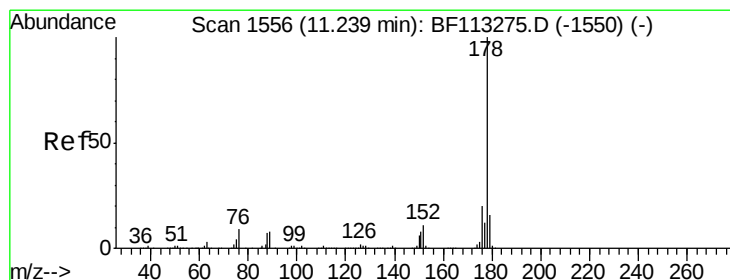
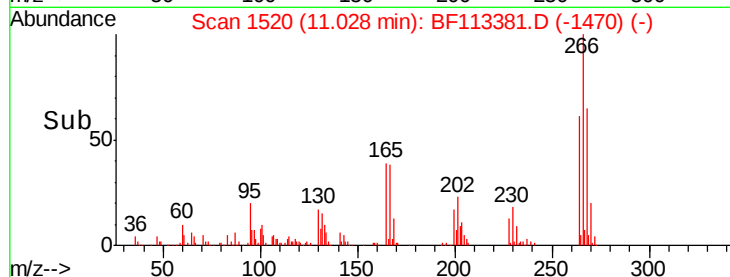
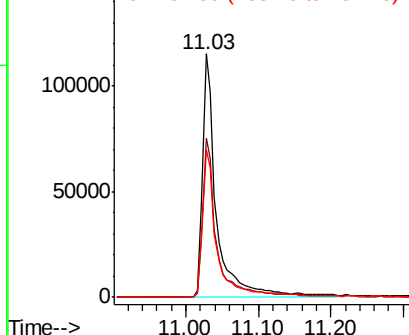


Abundance

Ion 265.70 (265.40 to 266.40): E

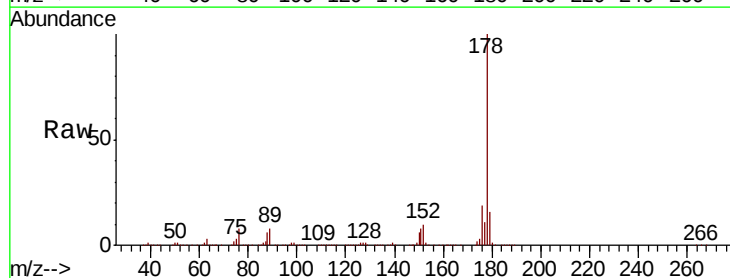
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 30.152 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1044104		
176	19.5		16.2	24.2
179	15.6		12.7	19.1

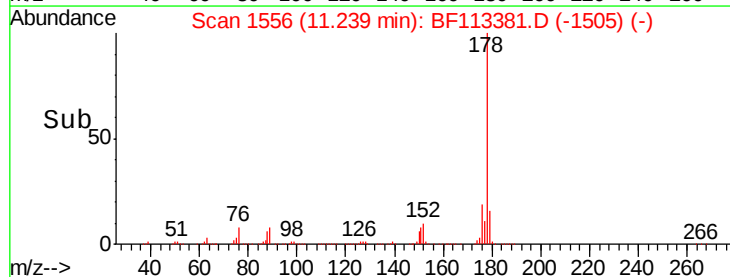
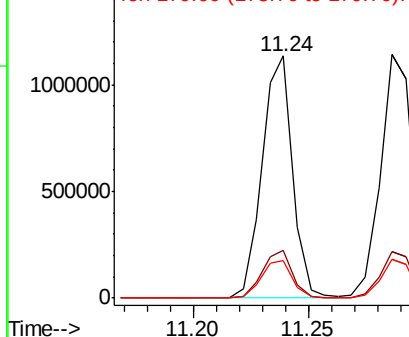


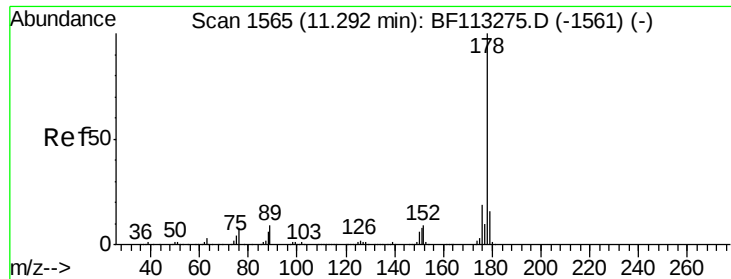
Abundance

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





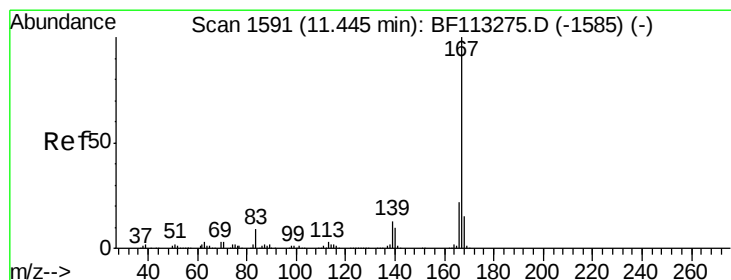
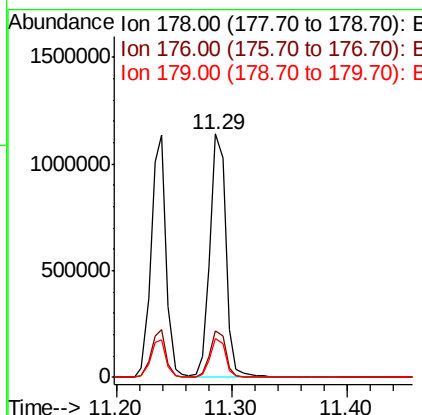
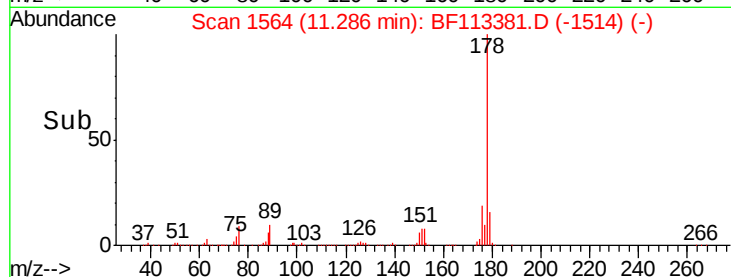
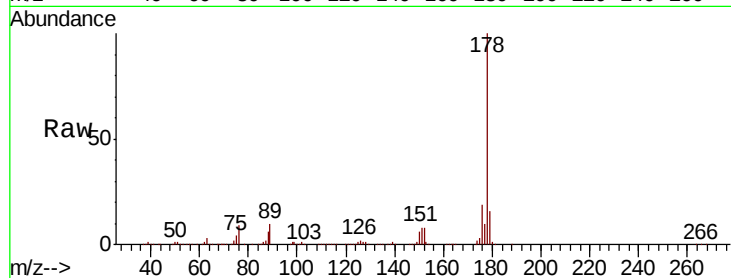
#72
 Anthracene
 Concen: 31.317 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Tot Ion:178 Resp: 1101509
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.8 19.2

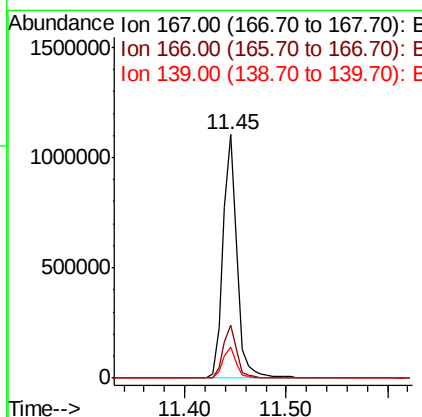
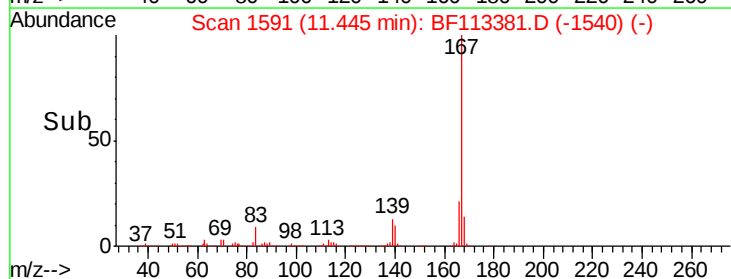
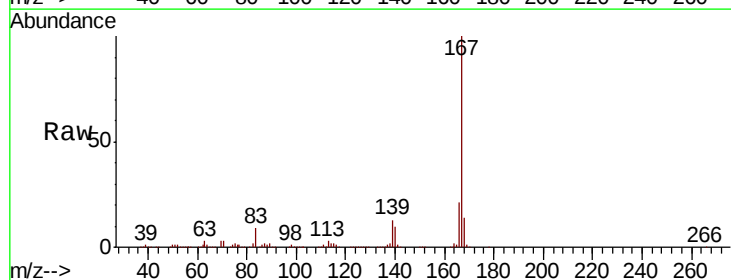
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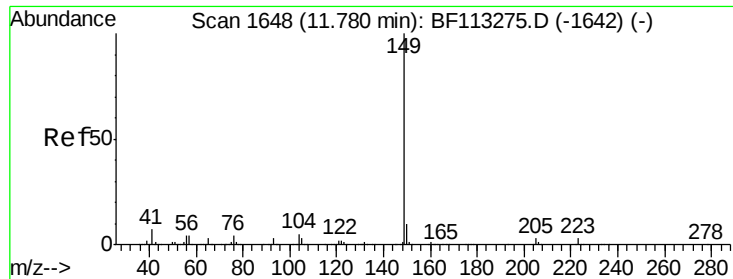
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#73
 Carbazole
 Concen: 31.216 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion:167 Resp: 1047696
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.6 10.4 15.6





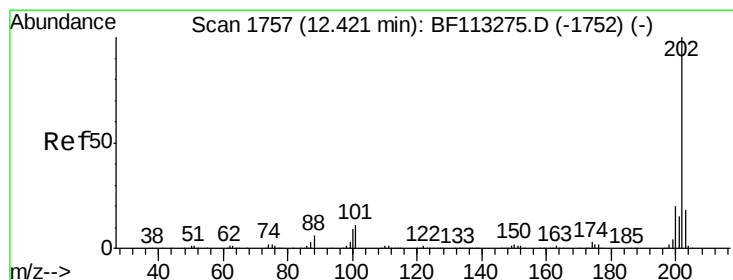
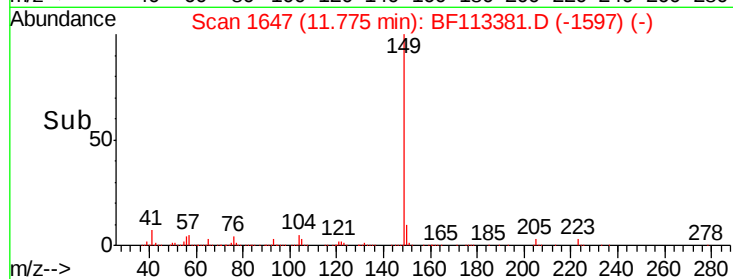
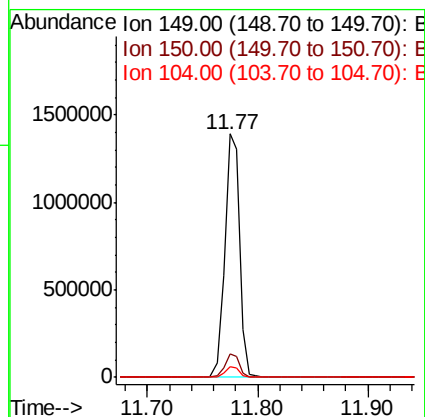
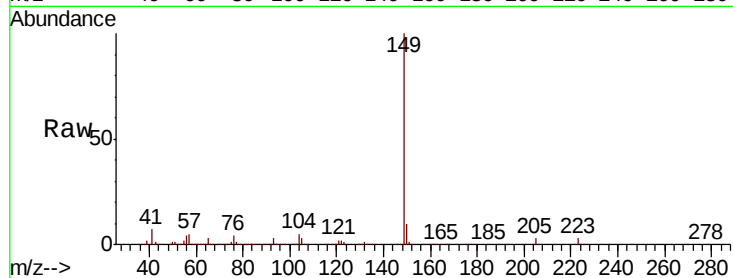
#74
Di-n-butylphthalate
Concen: 33.381 ng
RT: 11.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion:149 Resp: 1299217
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 4.6 3.7 5.5

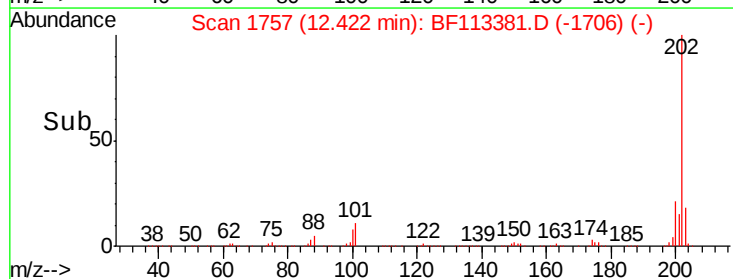
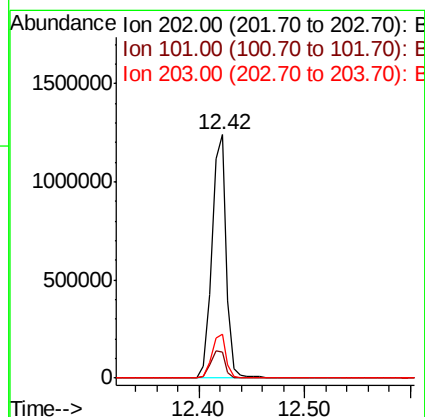
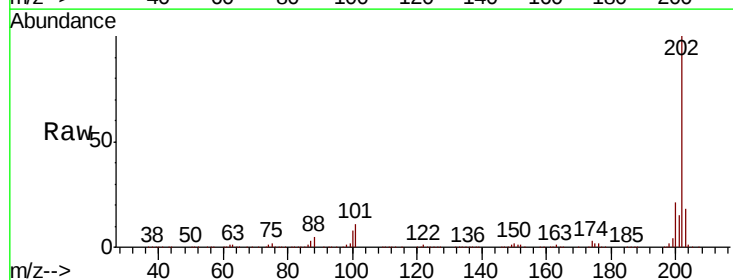
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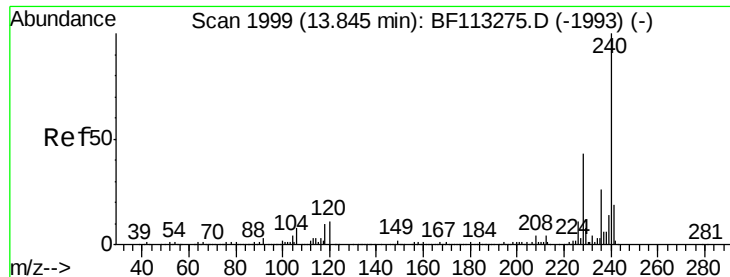
Sohil
3/29/2019 4:47:20 PM



#75
Fluoranthene
Concen: 30.244 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion:202 Resp: 1183964
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.4
203 18.2 0.0 38.0





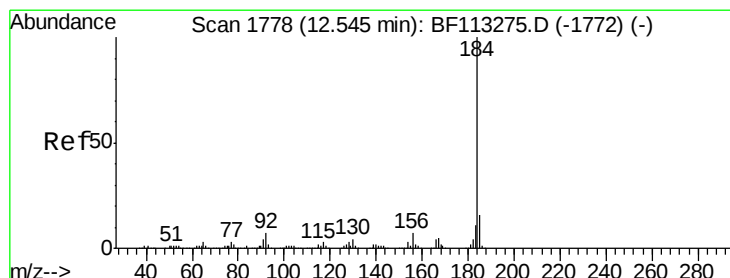
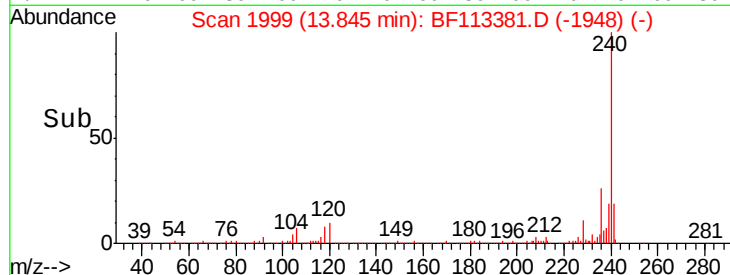
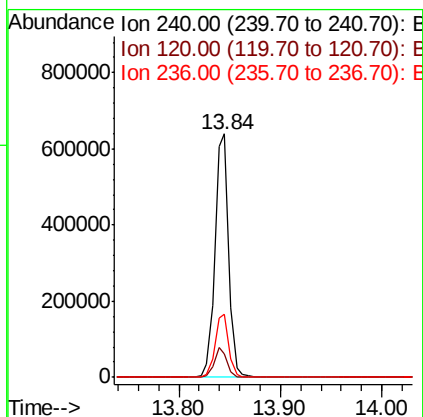
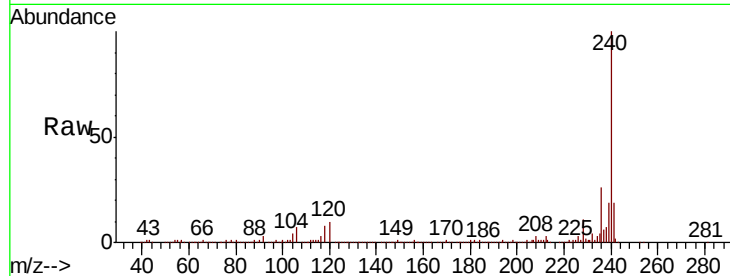
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.8	13.2
236	26.1	20.9	31.3

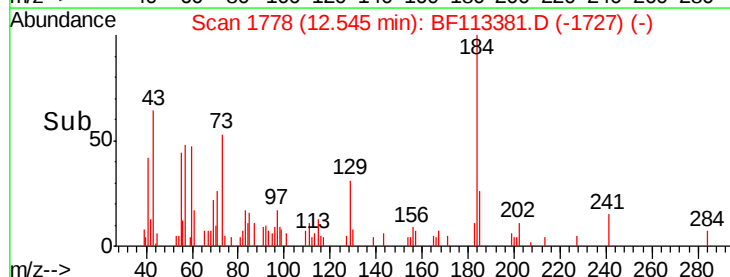
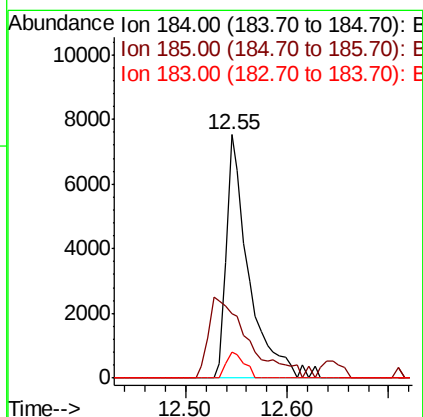
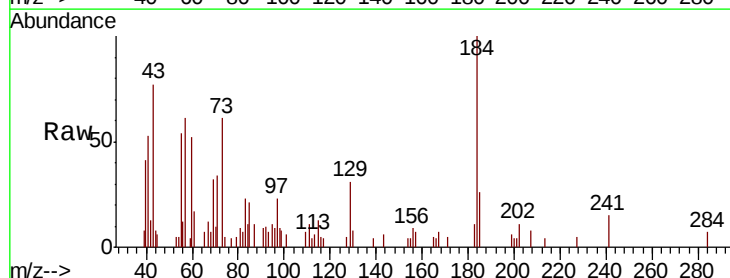
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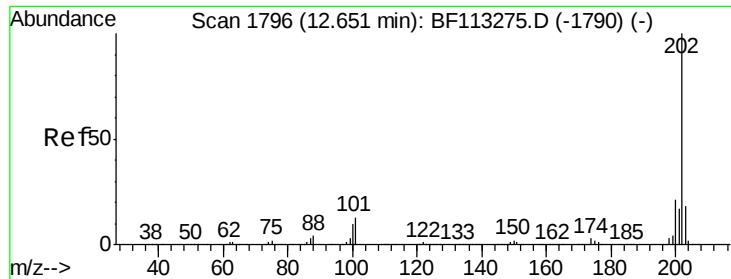
Sohil
3/29/2019 4:47:20 PM



#77
Benzidine
Concen: 0.503 ng m
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
184	100		
185	26.4	13.0	19.6#
183	10.9	9.0	13.4





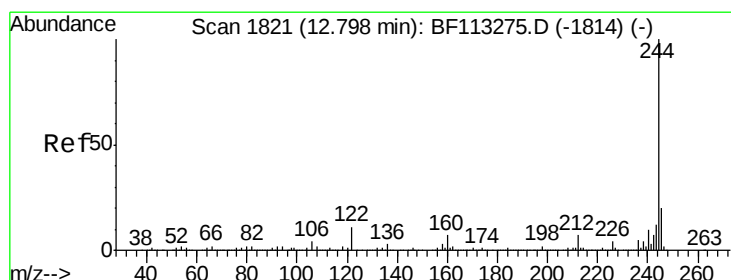
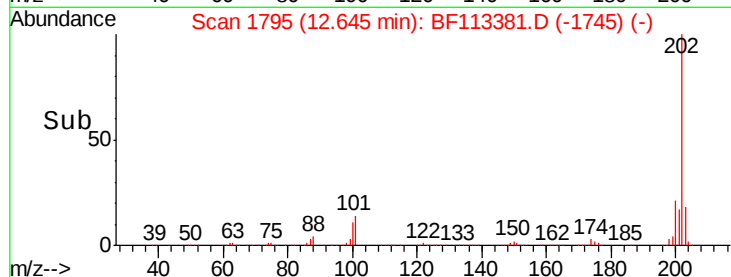
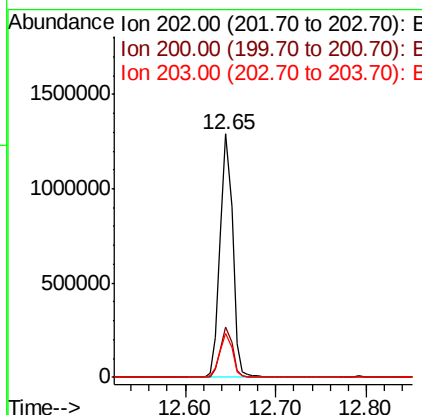
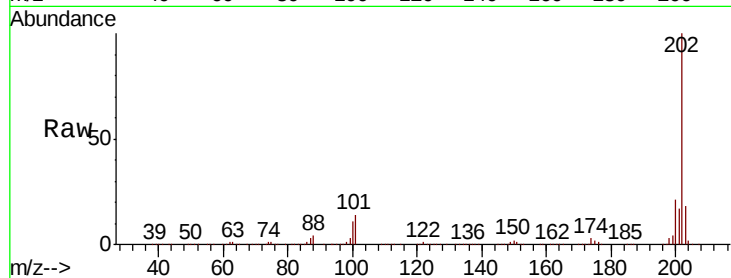
#78
Pvrene
Concen: 29.405 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.0	14.4	21.6

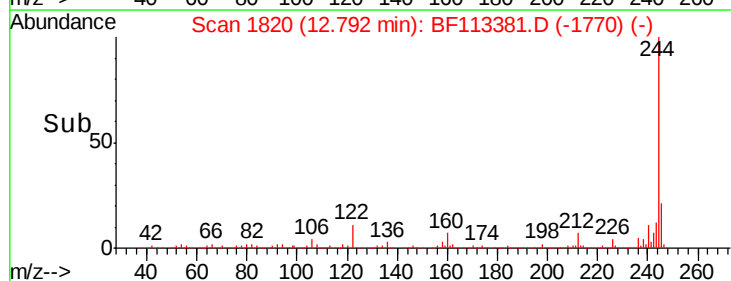
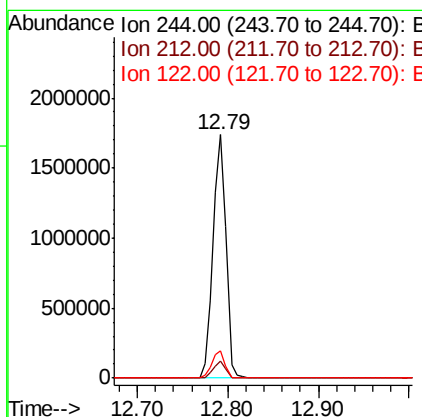
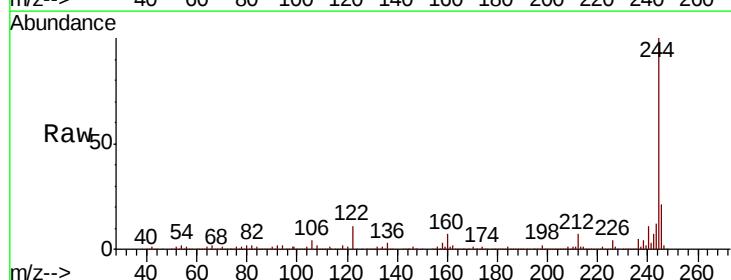
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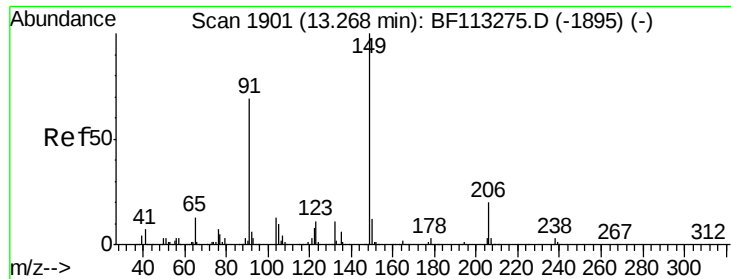
Sohil
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#79
Terphenyl-d14
Concen: 64.569 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.4	8.6	13.0





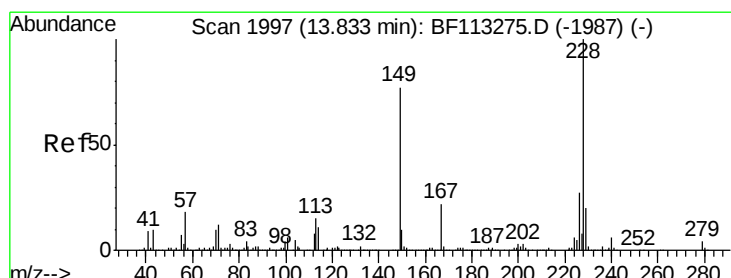
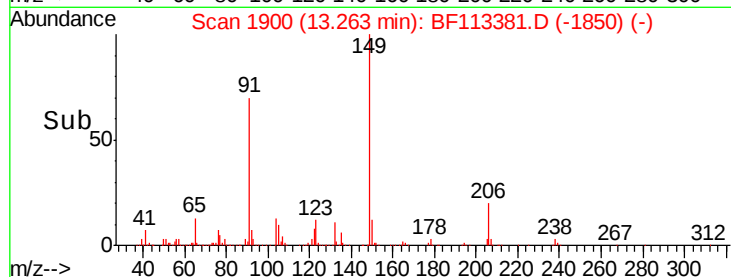
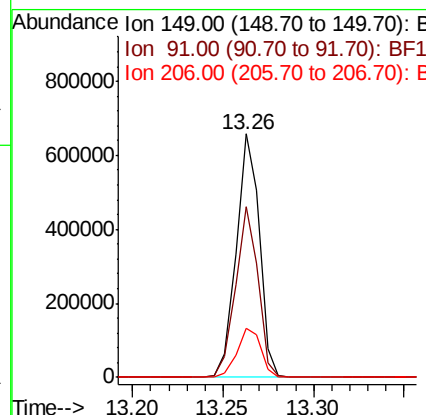
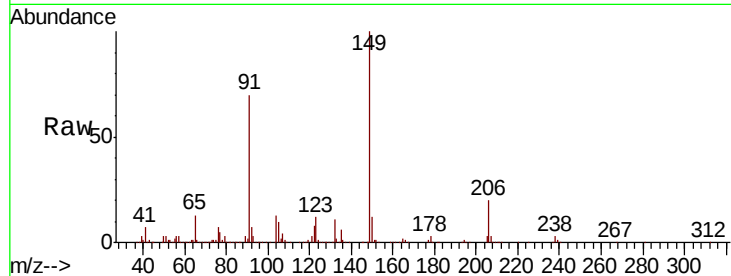
#80
Butylbenzylphthalate
Concen: 31.858 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	584446		
91	69.9	55.2	82.8	
206	20.0	16.1	24.1	

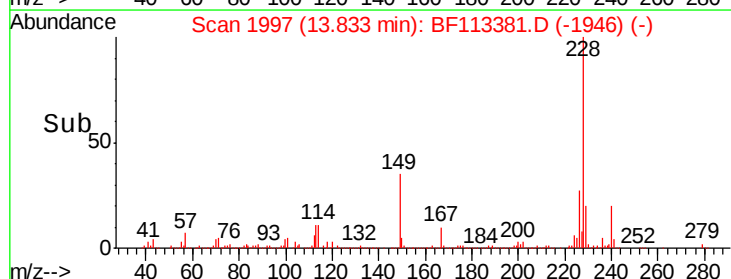
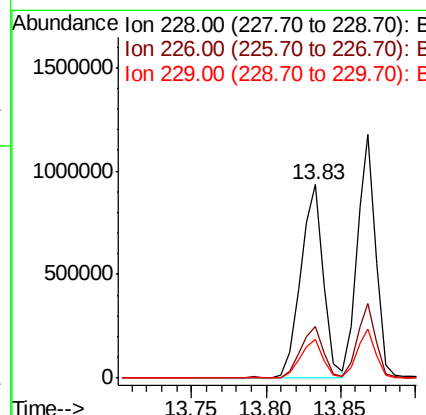
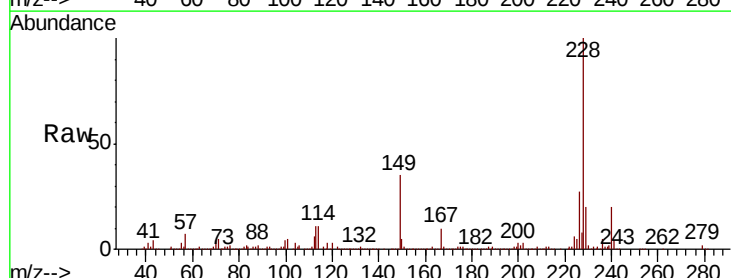
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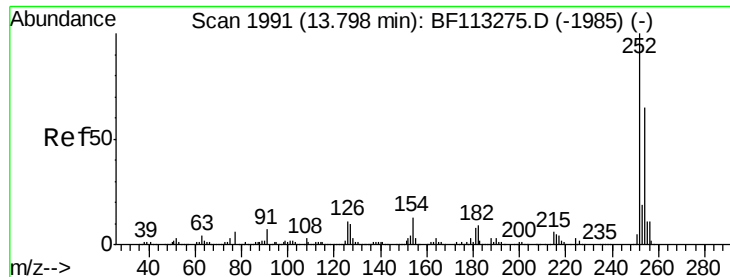
Sohil
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#81
Benzo(a)anthracene
Concen: 28.747 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	988475		
226	27.0	21.8	32.8	
229	19.9	16.2	24.4	





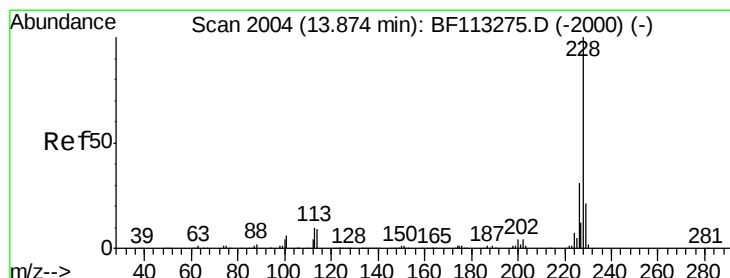
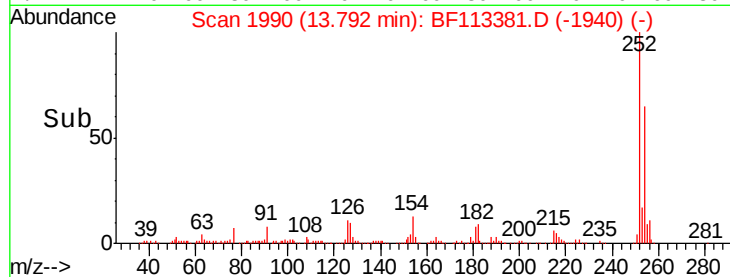
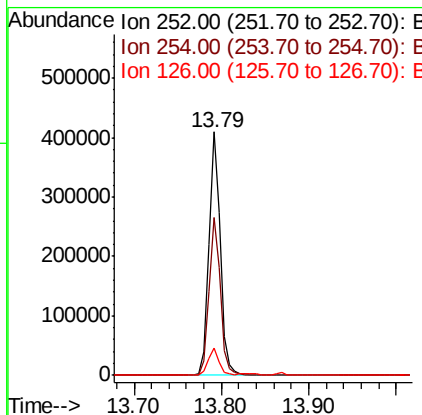
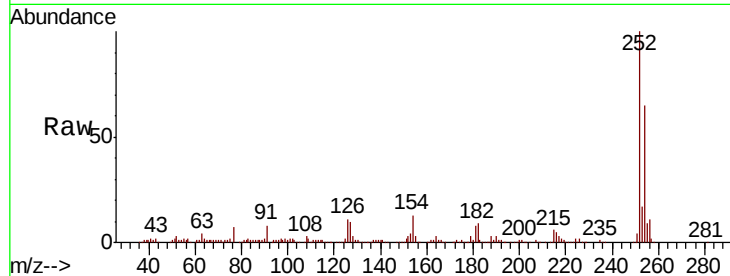
#82
 3,3'-Dichlorobenzidine
 Concen: 27.039 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.2	78.2
126	11.2	8.5	12.7

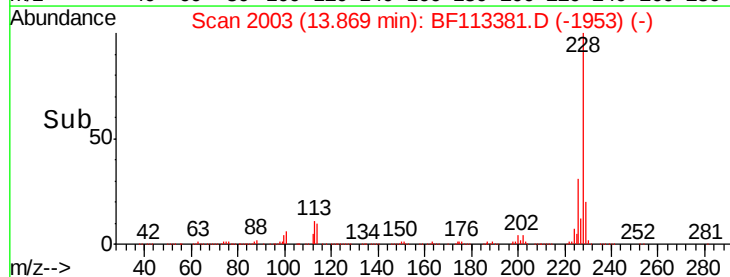
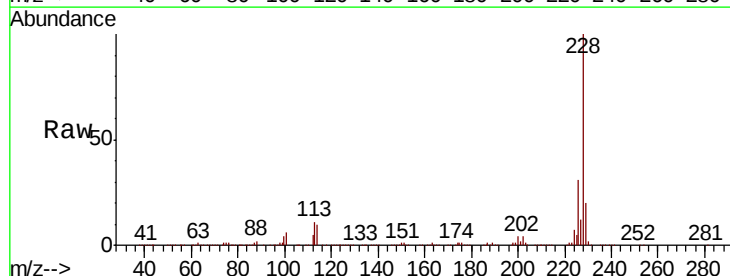
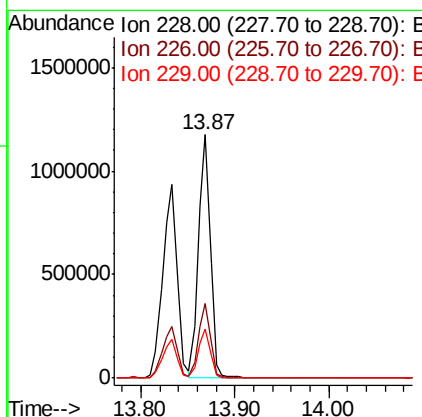
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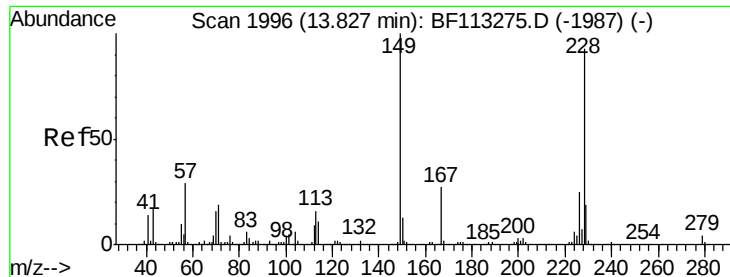
Sohil
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#83
 Chrysene
 Concen: 29.663 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	20.1	16.3	24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 34.030 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Instrument :

BNA_F

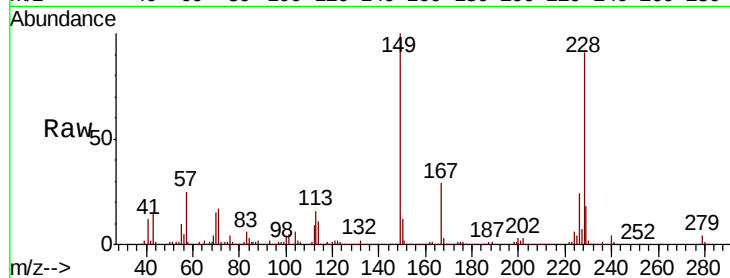
ClientSampled :

TP-8MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.8	32.8
279	4.5	2.9	4.3

Manual Integrations
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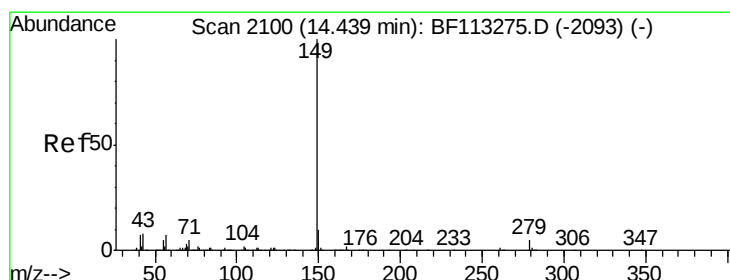
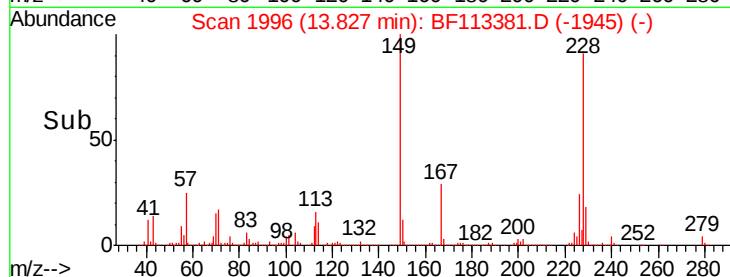
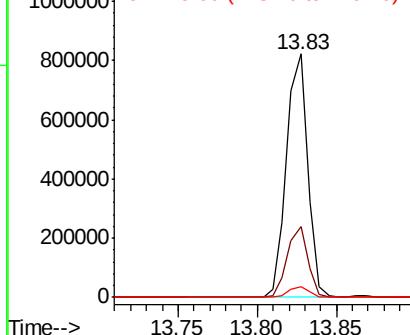


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 36.333 ng

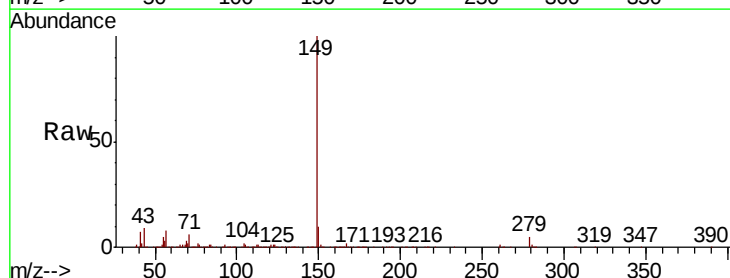
RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113381.D

Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	7.7	11.5

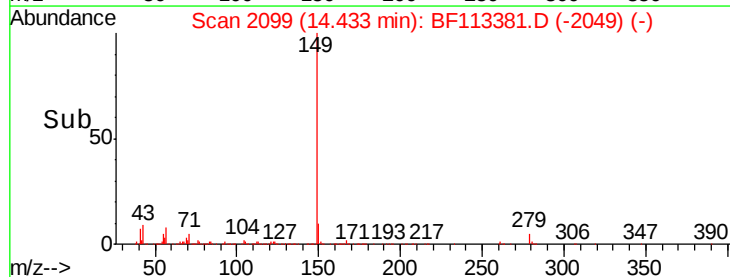
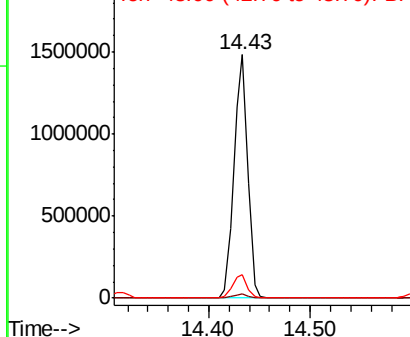


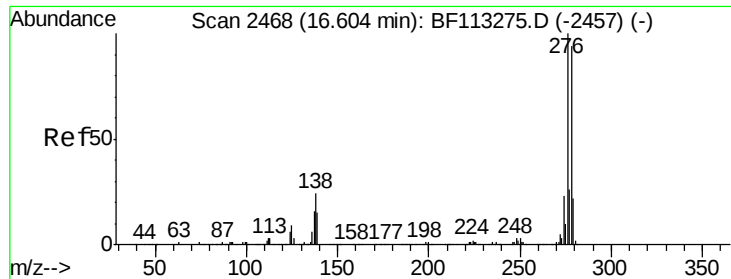
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





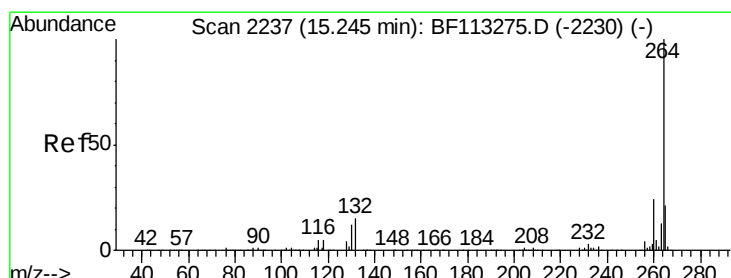
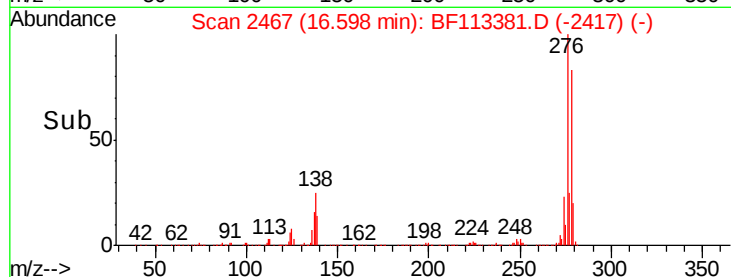
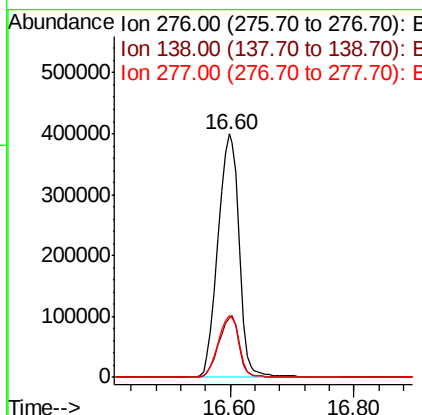
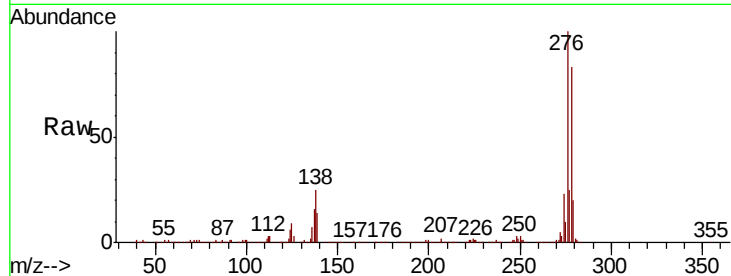
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 31.794 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 TP-8MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	24.3	18.1	27.1	
277	25.2	20.2	30.4	

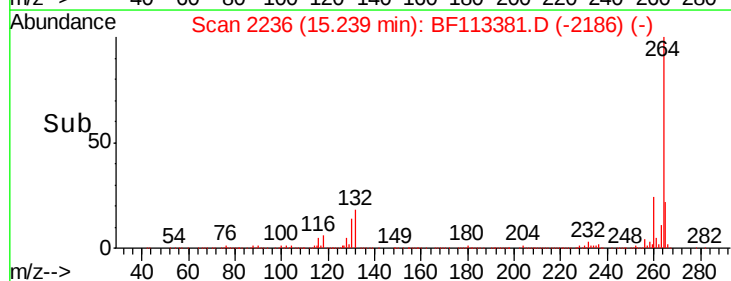
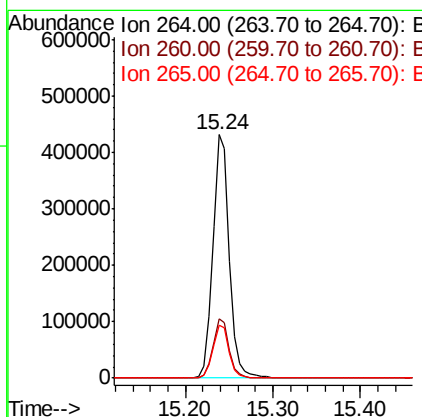
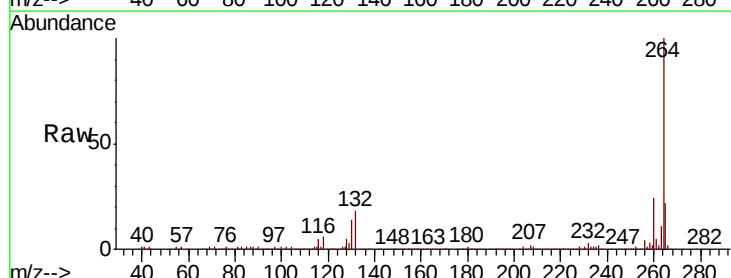
Manual Integrations
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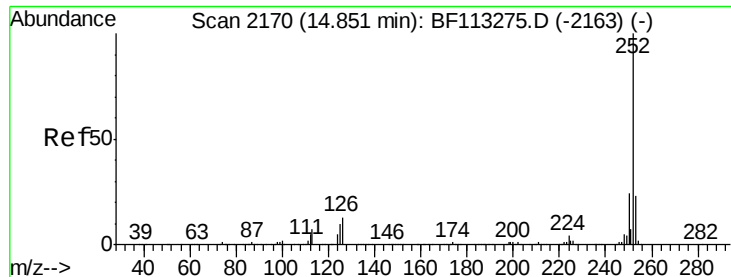
Sohil
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.3	19.1	28.7	
265	21.9	17.1	25.7	





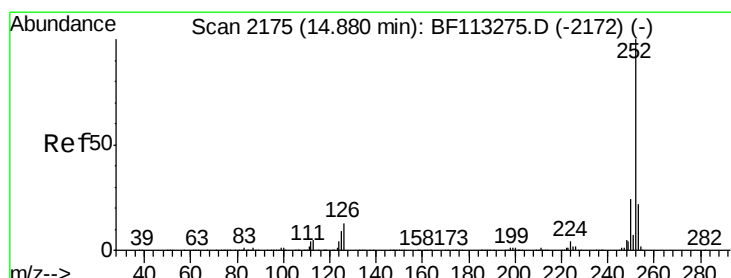
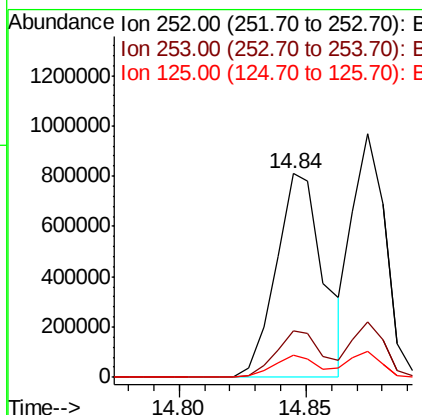
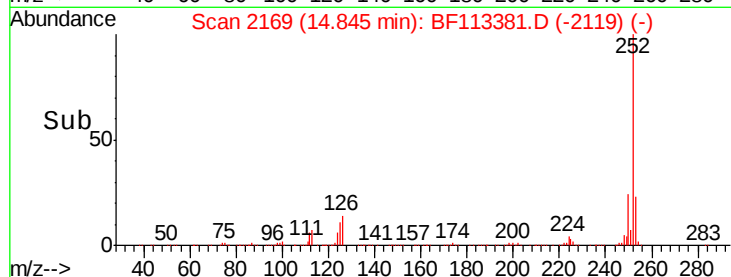
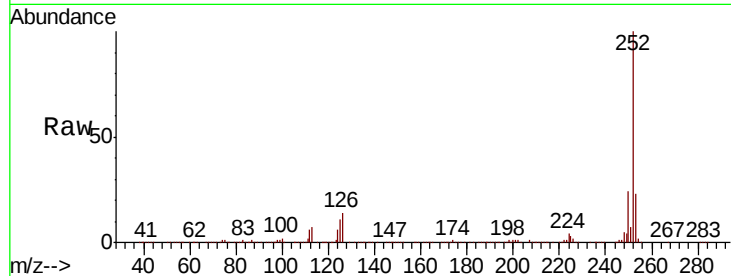
#88
Benzo(b)fluoranthene
Concen: 30.361 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampleId :
TP-8MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.8	7.6	11.4

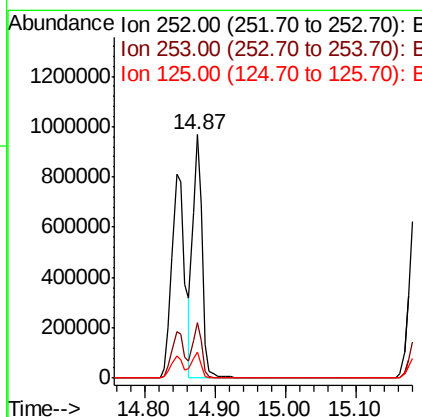
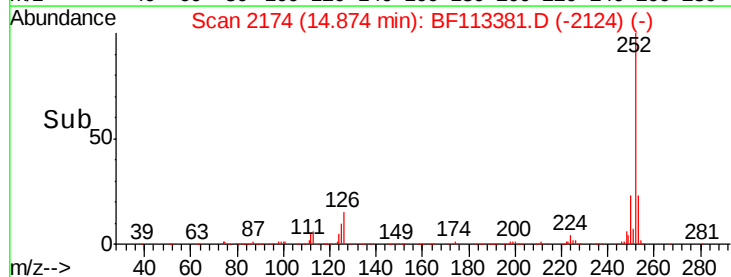
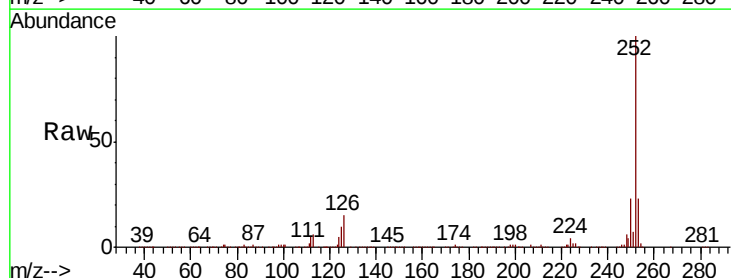
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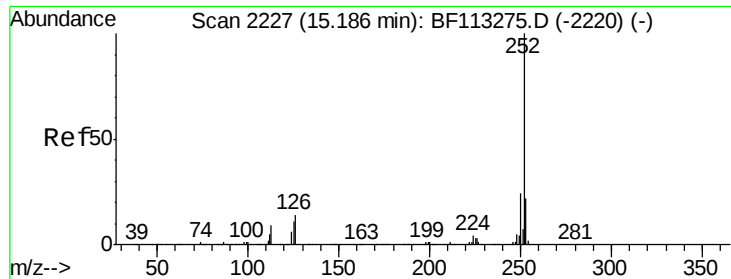
Sohil
3/29/2019 4:47:20 PM



#89
Benzo(k)fluoranthene
Concen: 29.340 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.5	7.3	10.9





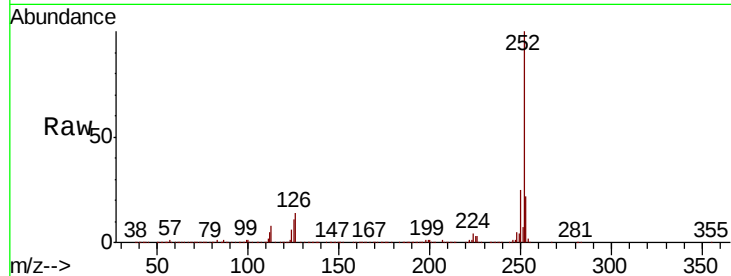
#90
Benzo(a)pyrene
Concen: 30.009 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

Instrument :
BNA_F
ClientSampled :
TP-8MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.9	8.8	13.2

Manual Integrations
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3/29/2019 4:47:20 PM

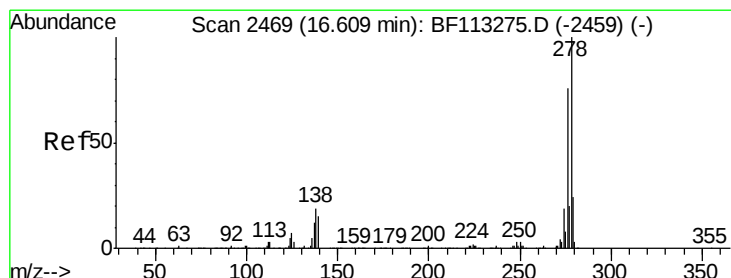
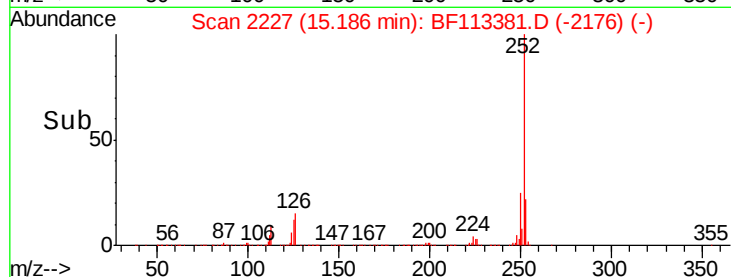
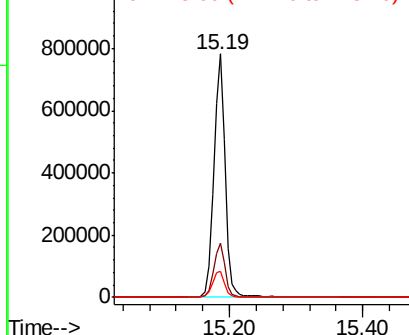


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 30.395 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BF113381.D
Acq: 28 Mar 2019 18:36

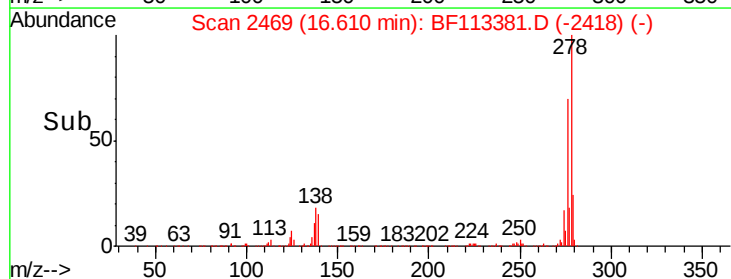
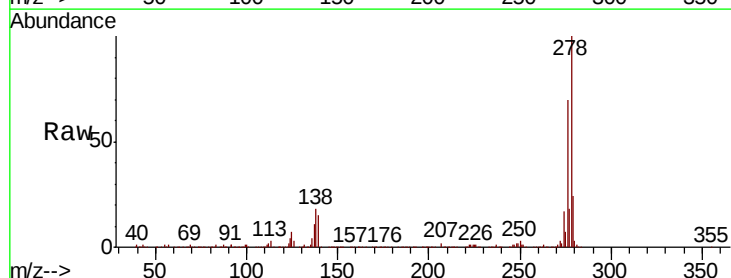
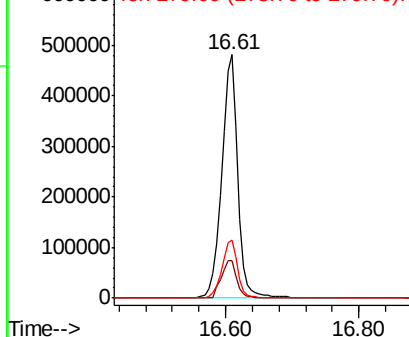
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.0	18.0
279	23.6	19.0	28.6

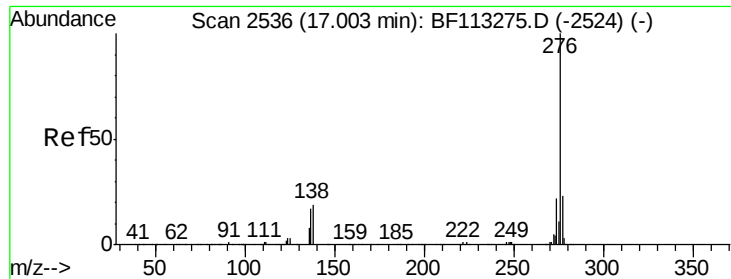
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 29.548 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BF113381.D
 Acq: 28 Mar 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.6	15.6	23.4

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:47:20 PM

