

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113960.D
 Acq On : 24 Apr 2019 14:44
 Operator : JU/SJ
 Sample : K2542-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Apr 25 01:23:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	129380	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	485658	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	248173	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	460626	20.00	ng	0.00
76) Chrysene-d12	14.06	240	297901	20.00	ng	0.00
87) Perylene-d12	15.57	264	367637	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	761959	100.73	ng	0.00
7) Phenol-d6	6.53	99	983188	103.60	ng	0.00
23) Nitrobenzene-d5	7.46	82	595245	75.68	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	299589	99.09	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1120936	70.64	ng	0.00
79) Terphenyl-d14	13.00	244	1130752	77.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.74	88	110203	30.905	ng	99
3) Pyridine	3.49	79	273803	28.131	ng	97
4) n-Nitrosodimethylamine	3.43	42	107012	32.118	ng	94
6) Aniline	6.56	93	317936	24.396	ng	100
8) 2-Chlorophenol	6.69	128	296556	34.338	ng	95
9) Benzaldehyde	6.44	77	72062	8.806	ng	95
10) Phenol	6.54	94	374181	32.972	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	288313	33.761	ng	99
12) 1,3-Dichlorobenzene	6.84	146	336599	34.413	ng	99
13) 1,4-Dichlorobenzene	6.92	146	340333	34.593	ng	99
14) 1,2-Dichlorobenzene	7.07	146	321931	35.606	ng	98
15) Benzyl Alcohol	7.03	79	218082	34.119	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	328018	32.904	ng	92
17) 2-Methylphenol	7.15	107	267249	35.302	ng	98
18) Hexachloroethane	7.41	117	116797	33.867	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	207566	33.773	ng	97
20) 3+4-Methylphenols	7.30	107	309657	36.204	ng	# 70
22) Acetophenone	7.30	105	411136	38.042	ng	# 92
24) Nitrobenzene	7.47	77	318982	36.702	ng	97
25) Isophorone	7.71	82	562639	34.959	ng	99
26) 2-Nitrophenol	7.79	139	153618	38.744	ng	99
27) 2,4-Dimethylphenol	7.83	122	248494	38.466	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	361546	35.253	ng	99
29) 2,4-Dichlorophenol	8.03	162	268055	36.286	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	297885	36.165	ng	97
31) Naphthalene	8.20	128	849517	36.821	ng	99
32) Benzoic acid	7.90	122	47047	10.784	ng	99
33) 4-Chloroaniline	8.24	127	205395	21.040	ng	98
34) Hexachlorobutadiene	8.32	225	177460	34.561	ng	98
35) Caprolactam	8.60	113	69599	29.617	ng	92
36) 4-Chloro-3-methylphenol	8.72	107	256134	34.997	ng	100
37) 2-Methylnaphthalene	8.89	142	576911	37.081	ng	100
38) 1-Methylnaphthalene	8.99	142	545217	36.309	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	291943	36.215	ng	100

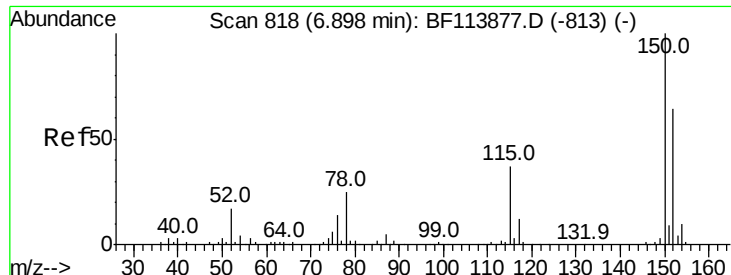
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	283843	63.141	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	193201	37.742	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	210276	36.623	ng	96
46) 1,1'-Biphenyl	9.35	154	715495	37.740	ng	99
47) 2-Chloronaphthalene	9.38	162	564837	36.636	ng	99
48) 2-Nitroaniline	9.47	65	155736	38.533	ng	88
49) Acenaphthylene	9.79	152	878260	36.387	ng	98
50) Dimethylphthalate	9.65	163	828362	46.153	ng	99
51) 2,6-Dinitrotoluene	9.71	165	148892	38.667	ng	99
52) Acenaphthene	9.97	154	533321	37.389	ng	97
53) 3-Nitroaniline	9.87	138	115631	28.577	ng	95
54) 2,4-Dinitrophenol	9.98	184	70060	46.000	ng	# 9
55) Dibenzofuran	10.14	168	780569	36.532	ng	100
56) 4-Nitrophenol	10.03	139	215695	67.326	ng	95
57) 2,4-Dinitrotoluene	10.11	165	197742	40.685	ng	97
58) Fluorene	10.48	166	583380	36.265	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	174182	34.521	ng	97
60) Diethylphthalate	10.35	149	621119	36.442	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	310025	36.391	ng	97
62) 4-Nitroaniline	10.49	138	140769	35.650	ng	97
63) Azobenzene	10.63	77	577059	34.933	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	61439	31.978	ng	95
66) n-Nitrosodiphenylamine	10.59	169	530297	38.368	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	199550	35.861	ng	96
68) Hexachlorobenzene	11.03	284	217196	35.519	ng	96
69) Atrazine	11.11	200	172627	38.395	ng	99
70) Pentachlorophenol	11.22	266	202593	58.516	ng	96
71) Phenanthrene	11.44	178	863588	37.305	ng	99
72) Anthracene	11.49	178	887699	37.974	ng	99
73) Carbazole	11.65	167	776712	37.243	ng	98
74) Di-n-butylphthalate	11.97	149	913634	37.241	ng	99
75) Fluoranthene	12.63	202	838834	33.213	ng	98
77) Benzidine	12.74	184	193631	21.815	ng	99
78) Pyrene	12.86	202	809369	38.851	ng	98
80) Butylbenzylphthalate	13.47	149	326663	39.854	ng	98
81) Benzo(a)anthracene	14.05	228	652418	37.171	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	213502	33.187	ng	# 98
83) Chrysene	14.09	228	661780	38.715	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	431250	41.353	ng	99
85) Di-n-octyl phthalate	14.68	149	686032	42.028	ng	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	929850	57.428	ng	98
88) Benzo(b)fluoranthene	15.13	252	719208	30.920	ng	100
89) Benzo(k)fluoranthene	15.16	252	725144	36.243	ng	99
90) Benzo(a)pyrene	15.51	252	728013	36.185	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	781459	41.378	ng	99
92) Benzo(g,h,i)perylene	17.52	276	785249	41.201	ng	99

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

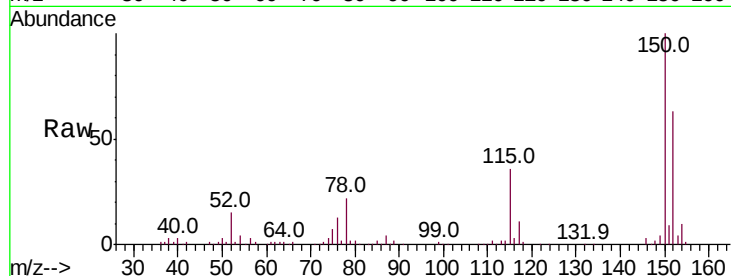


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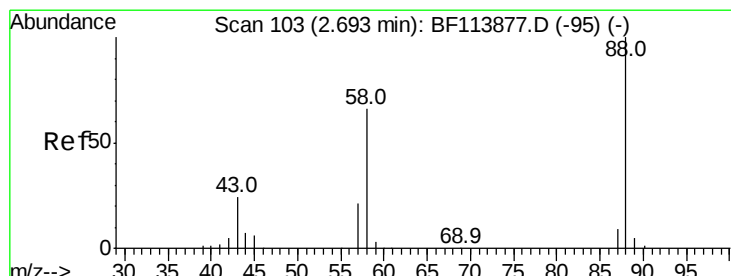
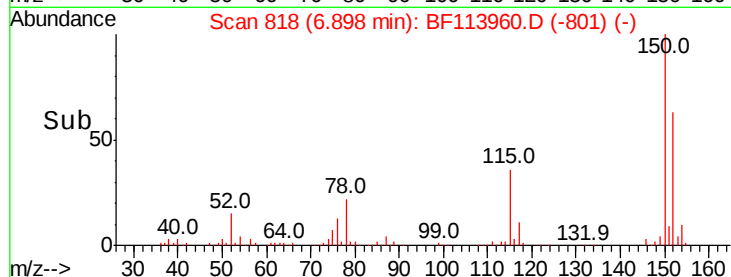
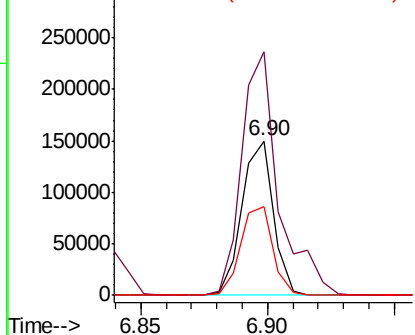
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:152 Resp: 129380
Ion Ratio Lower Upper
152 100
150 157.5 125.9 188.9
115 57.1 45.9 68.9



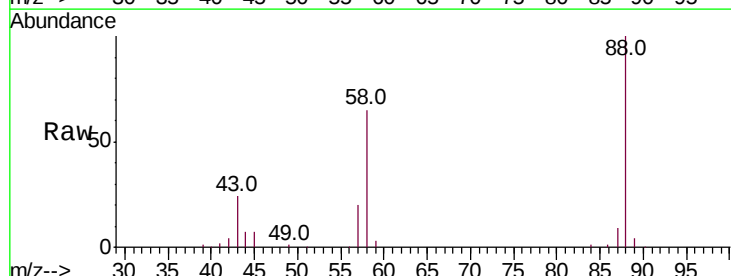
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



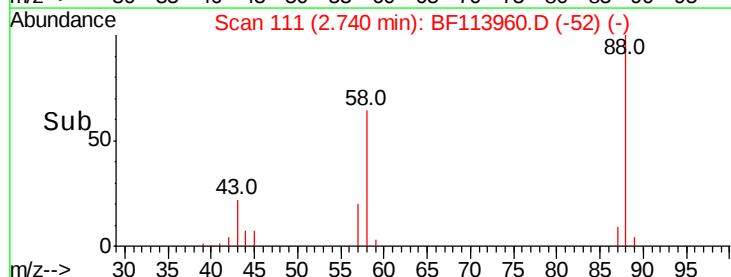
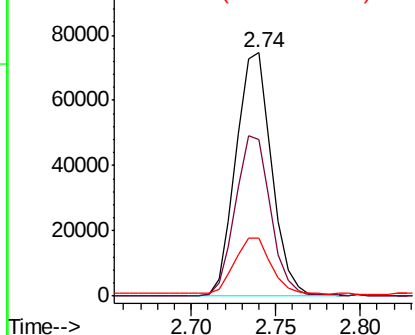
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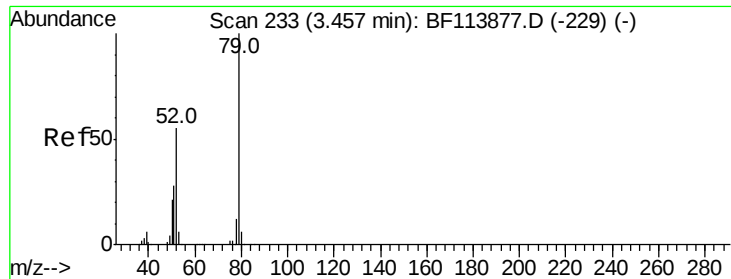
1,4-Dioxane
Concen: 30.905 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.05 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion: 88 Resp: 110203
Ion Ratio Lower Upper
88 100
58 65.5 53.3 79.9
43 23.6 19.0 28.4



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: 28.131 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

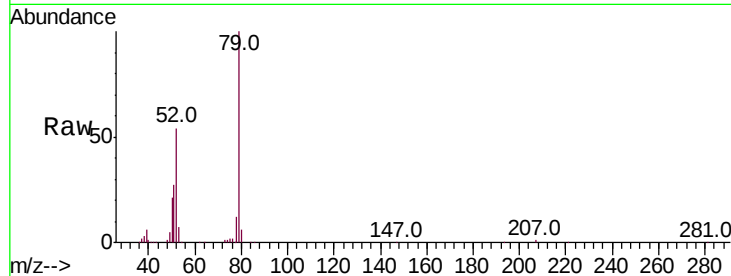
Tot Ion: 79 Resp: 273803

Ion Ratio Lower Upper

79 100

52 53.8 45.3 67.9

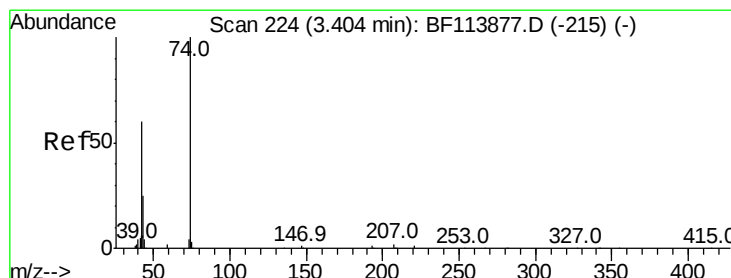
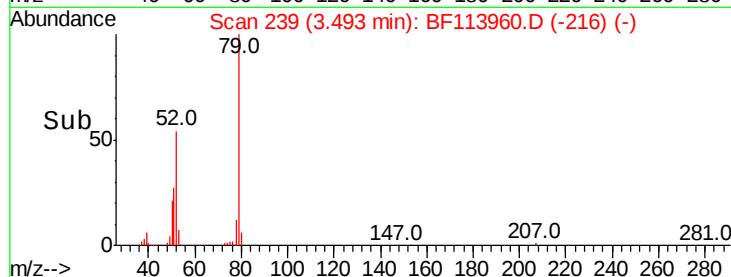
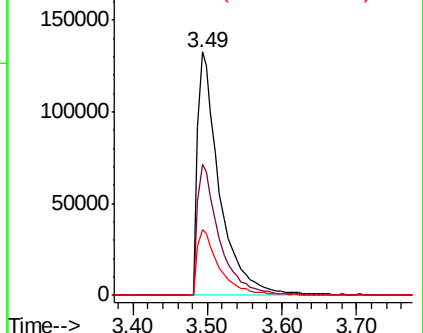
51 26.9 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.118 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.03 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

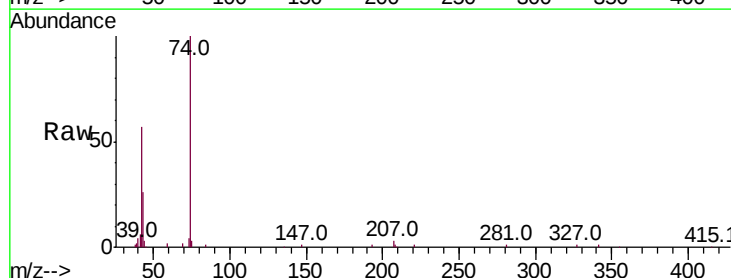
Tgt Ion: 42 Resp: 107012

Ion Ratio Lower Upper

42 100

74 174.3 132.6 198.8

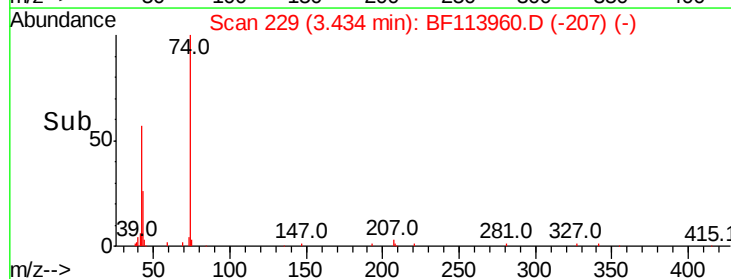
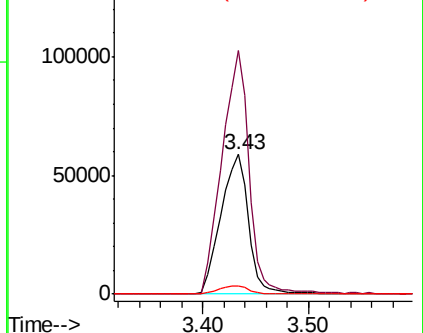
44 5.9 5.8 8.8

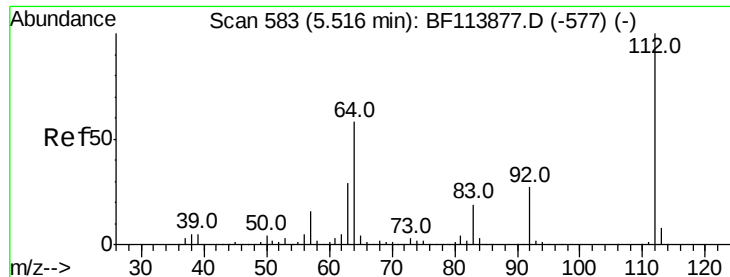


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 100.728 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampled :

TP-1MSD

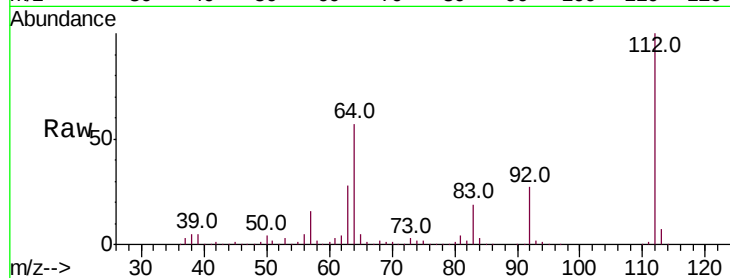
Tot Ion:112 Resp: 761959

Ion Ratio Lower Upper

112 100

64 57.2 46.6 69.8

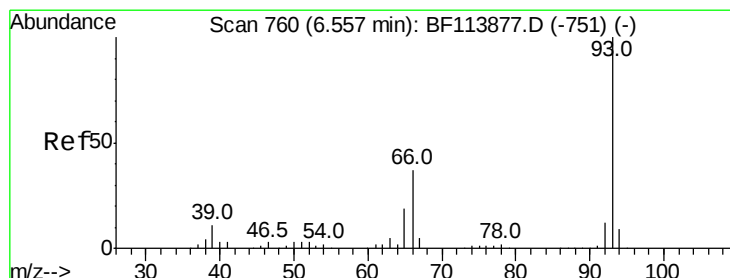
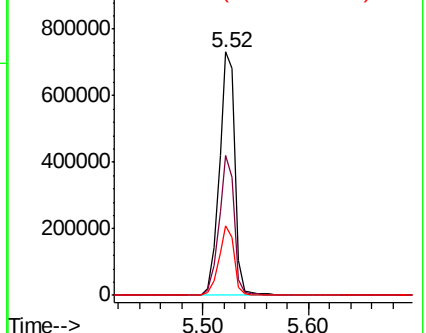
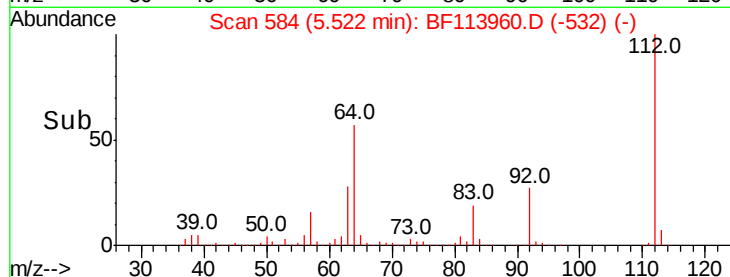
63 28.5 23.1 34.7



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: 24.396 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

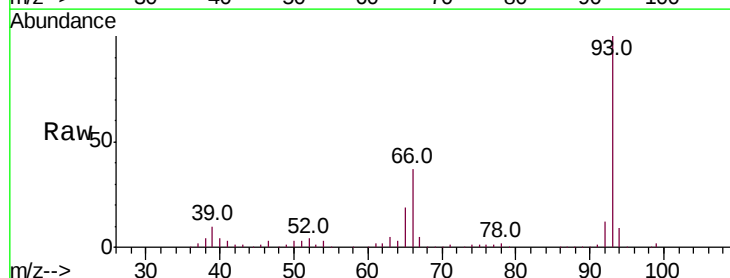
Tgt Ion: 93 Resp: 317936

Ion Ratio Lower Upper

93 100

66 37.5 29.8 44.6

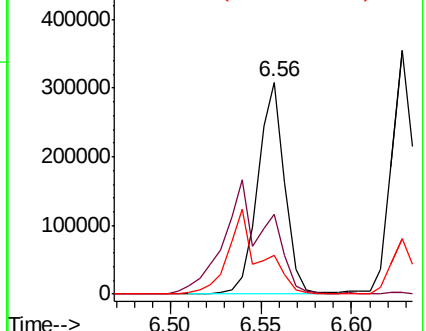
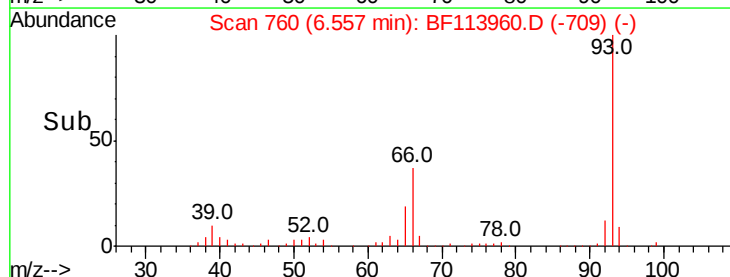
65 18.5 14.9 22.3

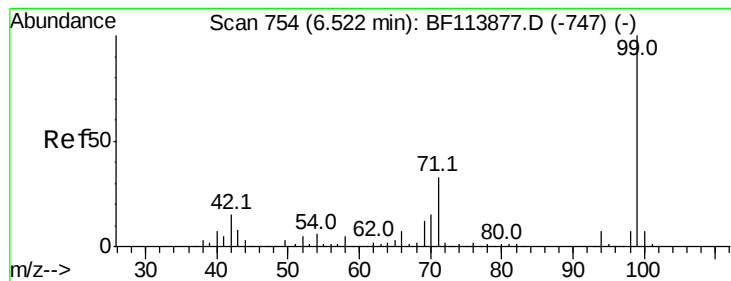


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.596 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

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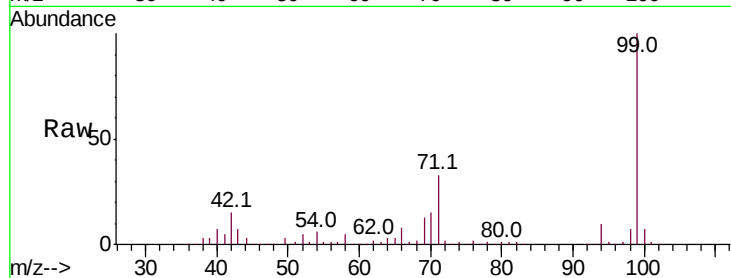
Tot Ion: 99 Resp: 983188

Ion Ratio Lower Upper

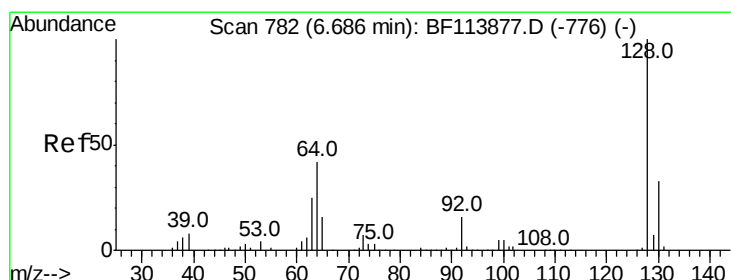
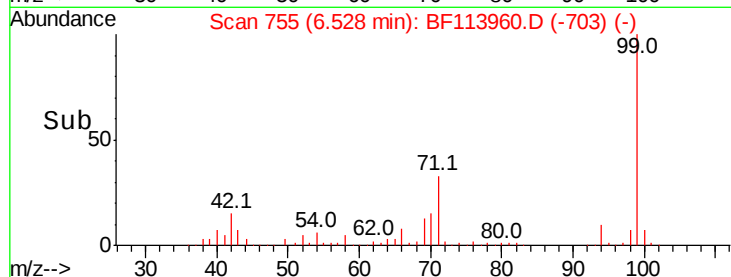
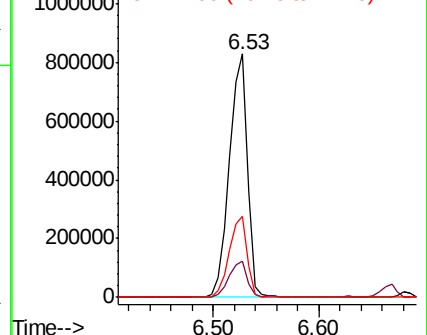
99 100

42 14.8 12.5 18.7

71 33.4 26.9 40.3



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



#8

2-Chlorophenol

Concen: 34.338 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

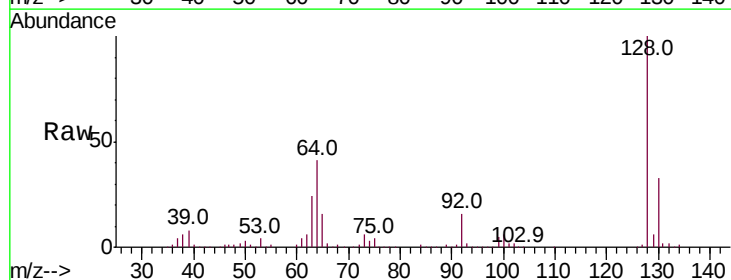
Tgt Ion:128 Resp: 296556

Ion Ratio Lower Upper

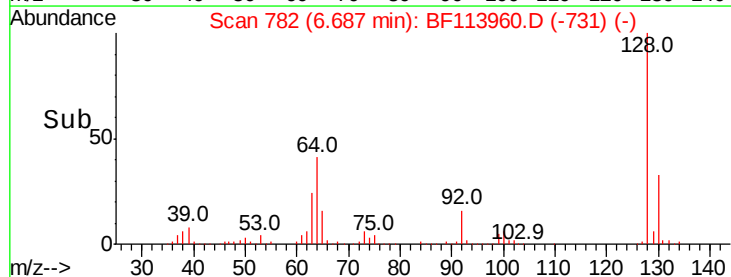
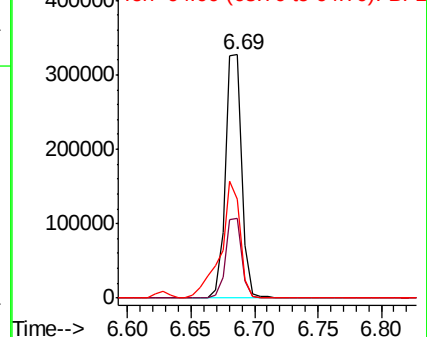
128 100

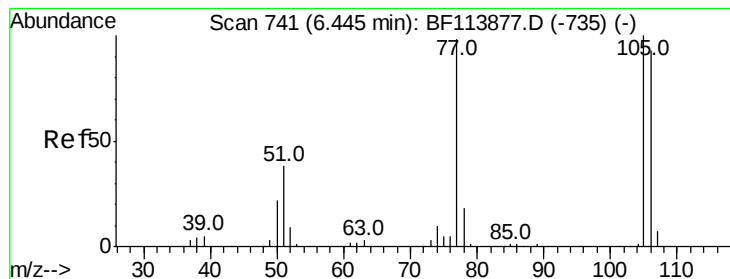
130 33.0 12.3 52.3

64 40.9 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.806 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

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ClientSampleId :

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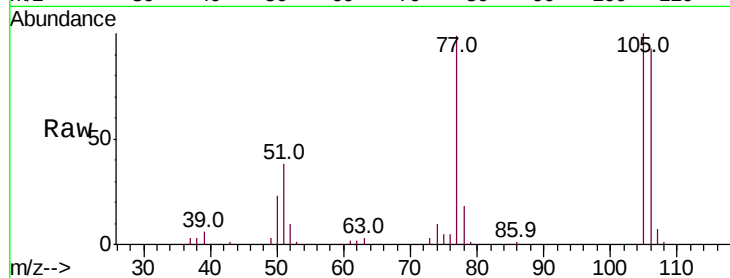
Tot Ion: 77 Resp: 72062

Ion Ratio Lower Upper

77 100

105 100.9 74.1 114.1

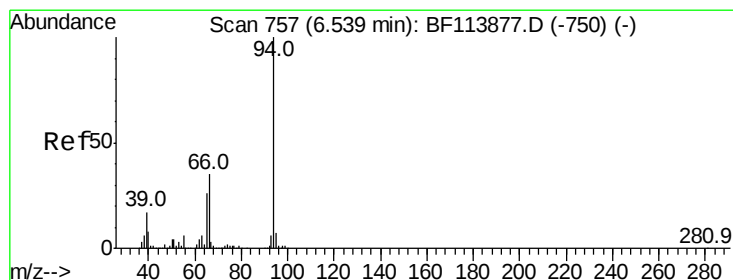
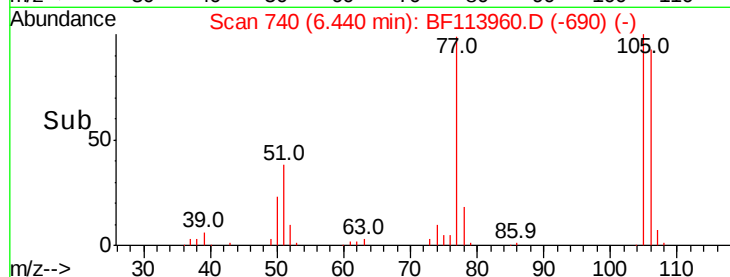
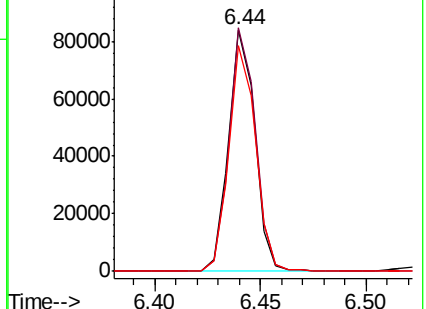
106 93.8 70.3 110.3



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: 32.972 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

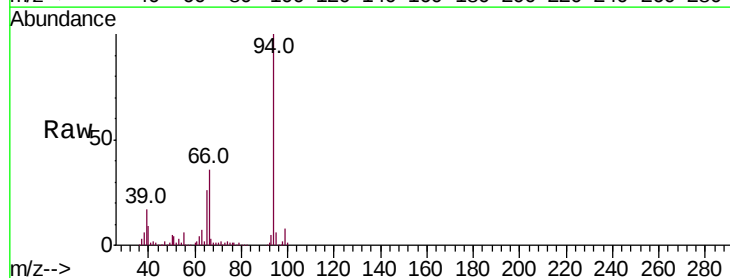
Tgt Ion: 94 Resp: 374181

Ion Ratio Lower Upper

94 100

65 26.3 8.1 48.1

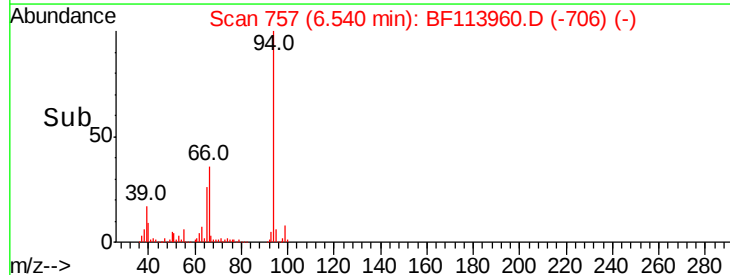
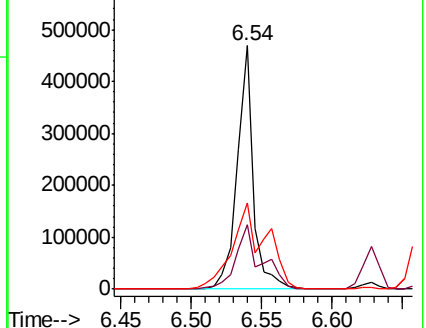
66 35.5 16.6 56.6

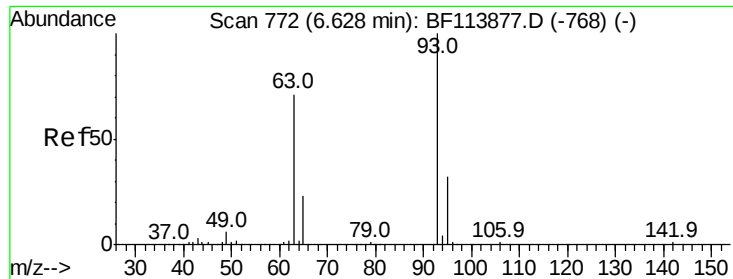


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

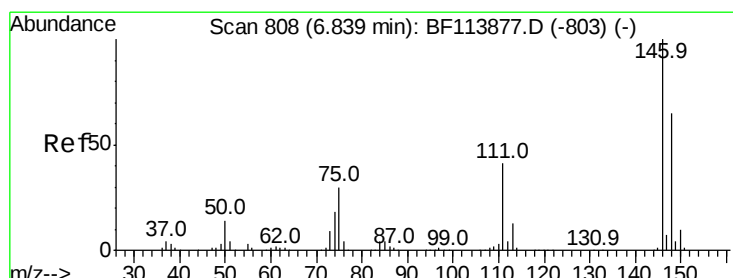
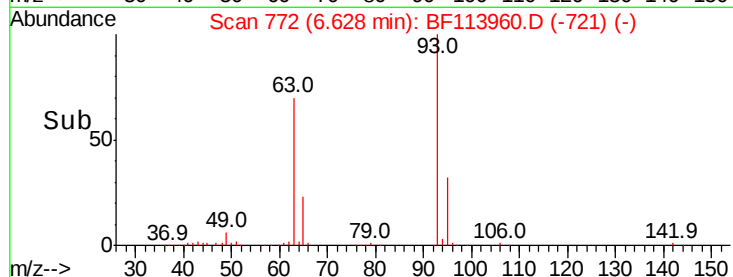
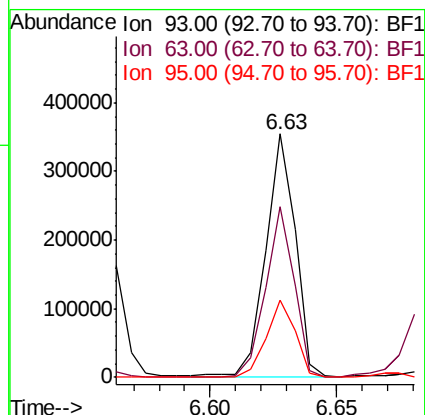
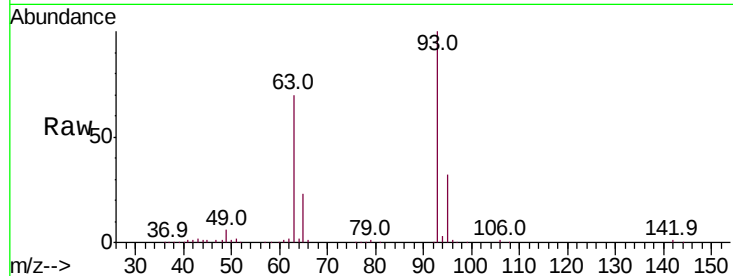




#11
bis(2-Chloroethyl)ether
Concen: 33.761 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

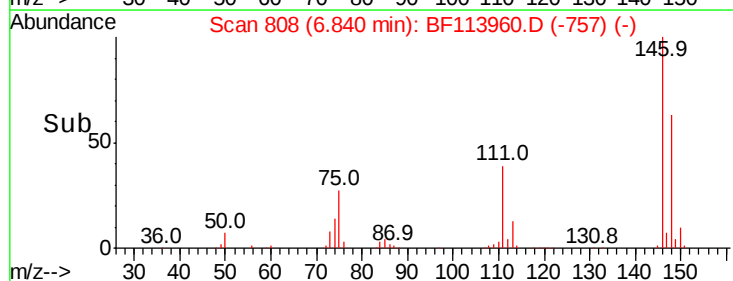
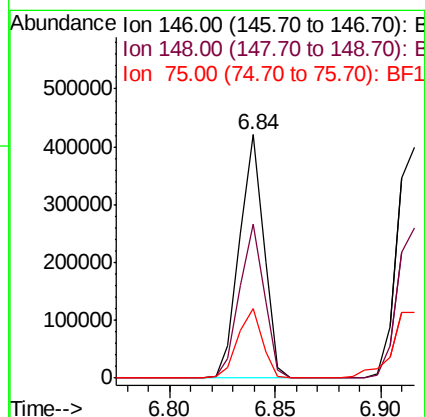
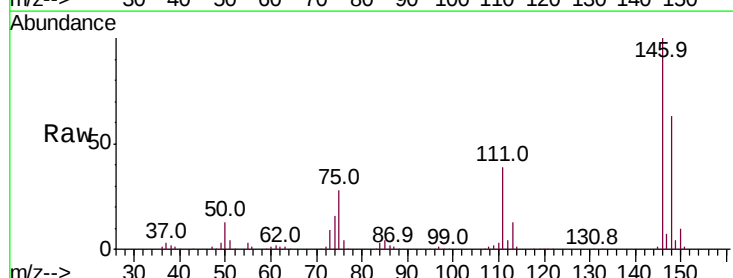
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

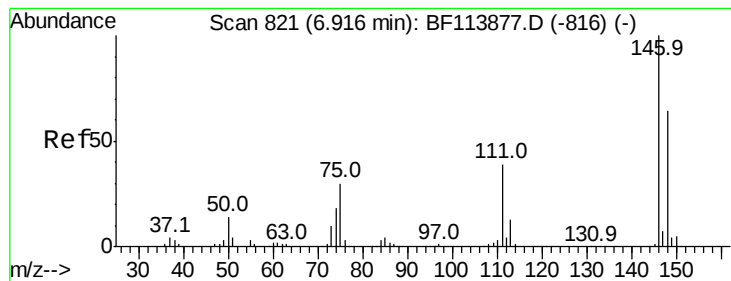
Tot Ion: 93 Resp: 288313
Ion Ratio Lower Upper
93 100
63 69.9 50.7 90.7
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 34.413 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion: 146 Resp: 336599
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
75 28.3 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 34.593 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

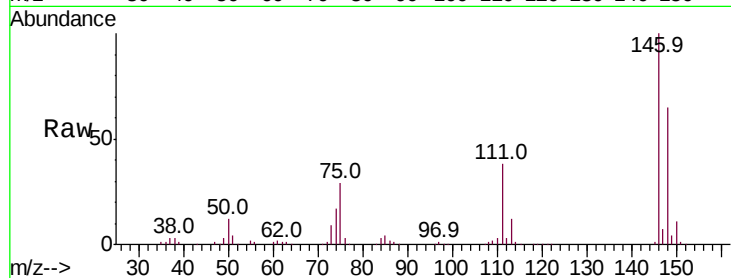
Tot Ion:146 Resp: 340333

Ion Ratio Lower Upper

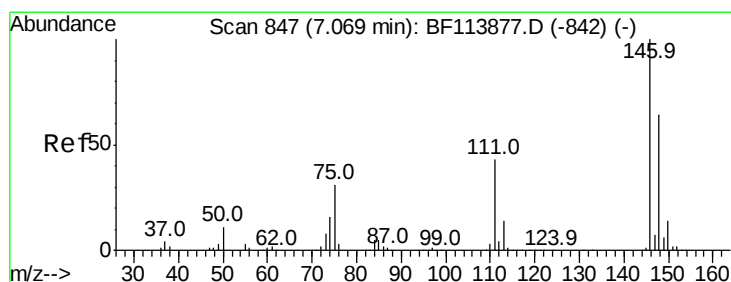
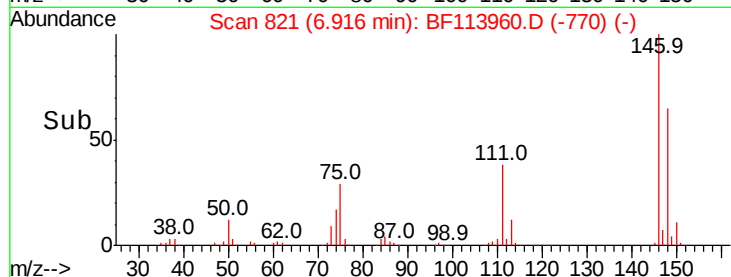
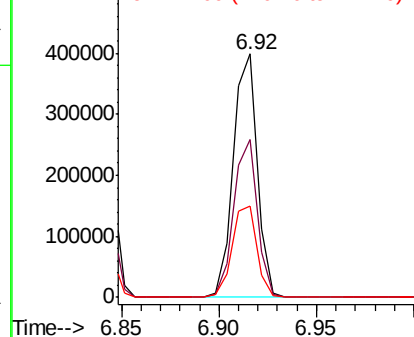
146 100

148 64.9 51.8 77.8

111 37.6 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.606 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

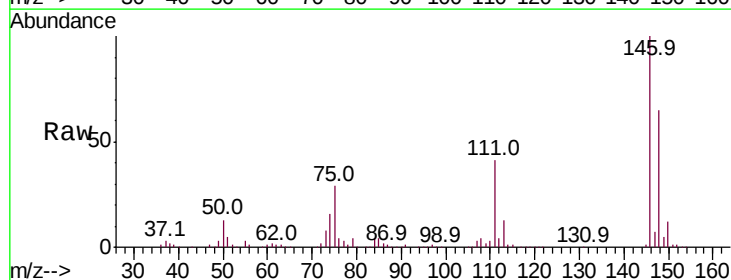
Tgt Ion:146 Resp: 321931

Ion Ratio Lower Upper

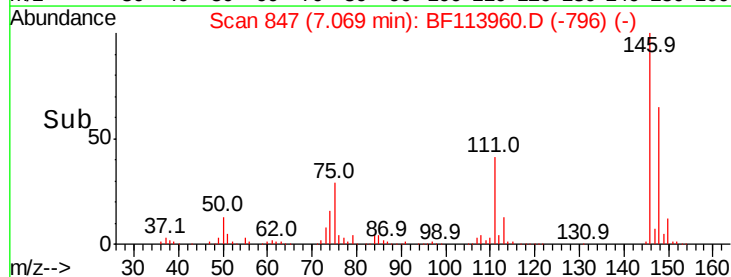
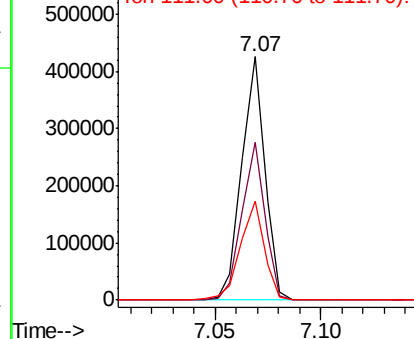
146 100

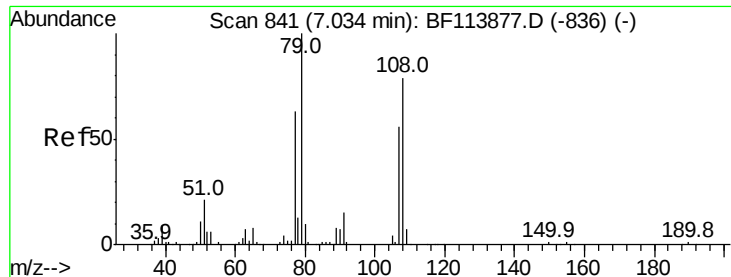
148 64.7 52.1 78.1

111 40.8 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.119 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

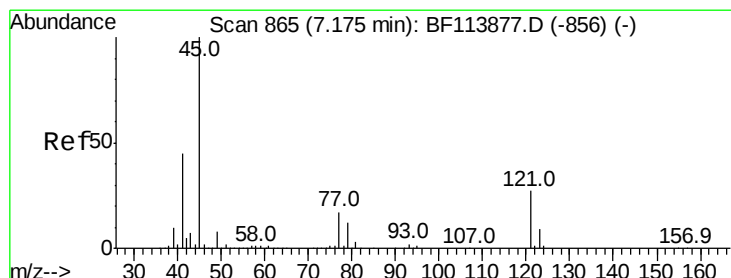
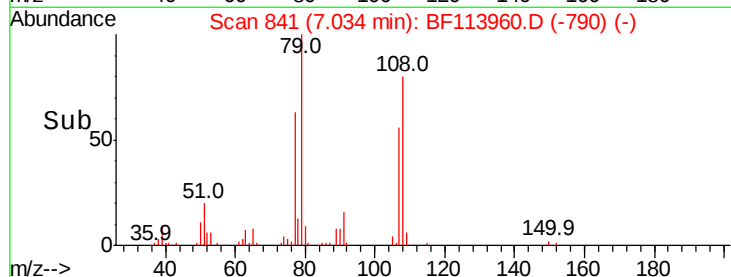
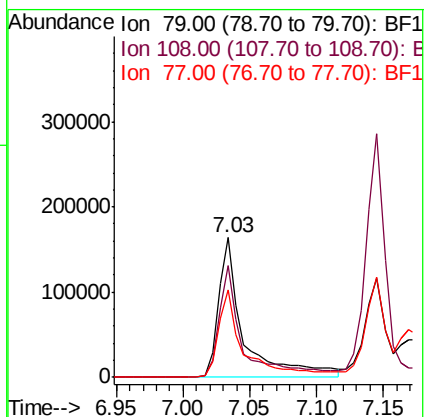
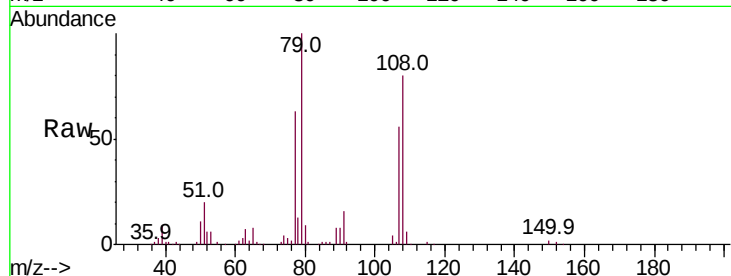
Tot Ion: 79 Resp: 218082

Ion Ratio Lower Upper

79 100

108 80.1 61.4 92.0

77 62.8 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.904 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

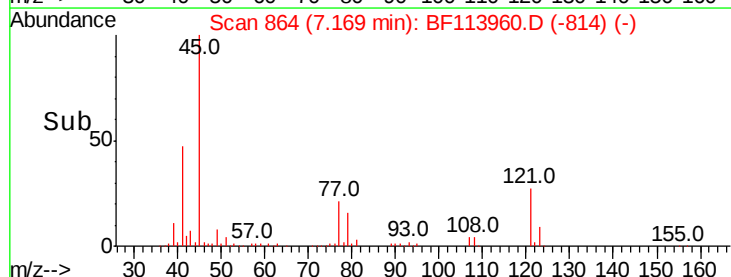
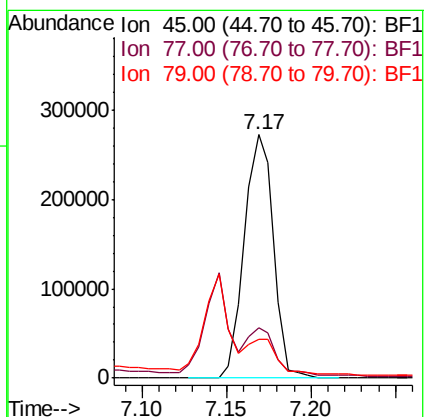
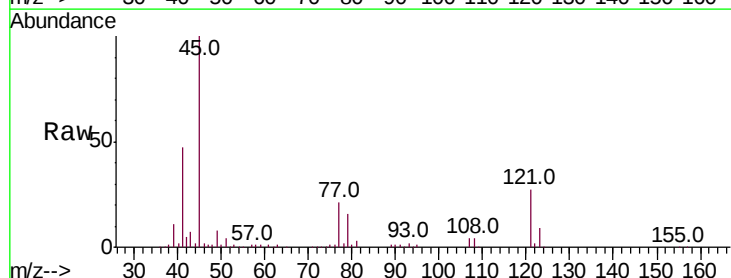
Tgt Ion: 45 Resp: 328018

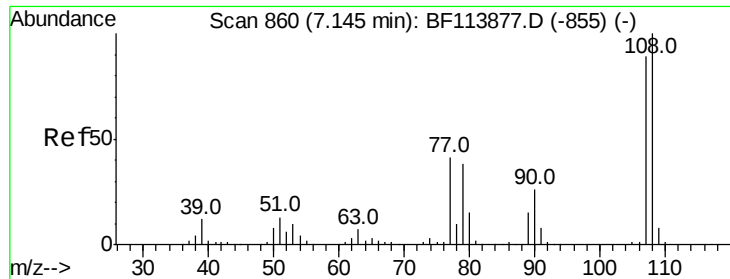
Ion Ratio Lower Upper

45 100

77 20.5 0.0 37.0

79 16.1 0.0 32.7

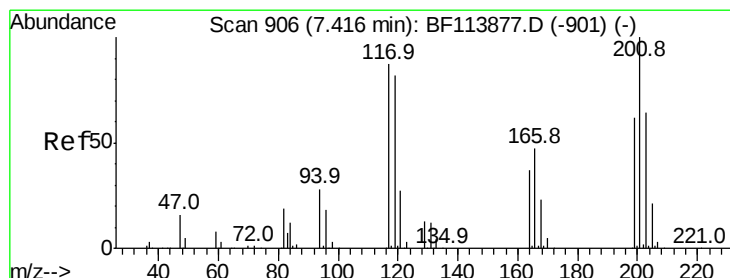
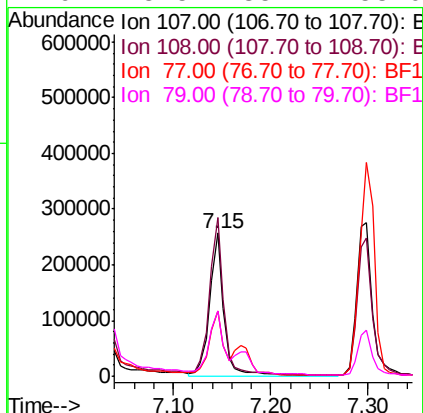
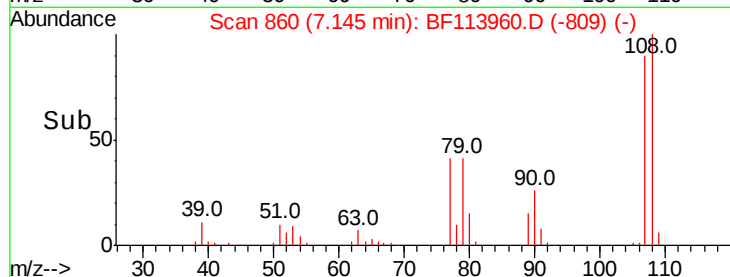
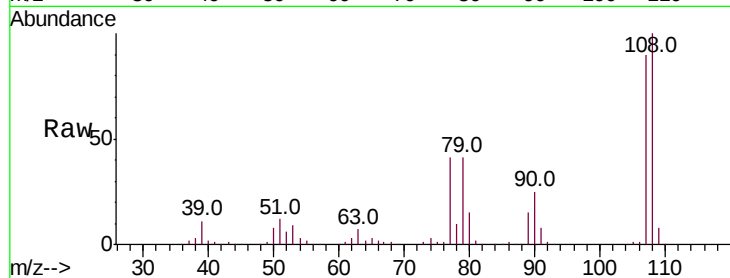




#17
2-Methylphenol
Concen: 35.302 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

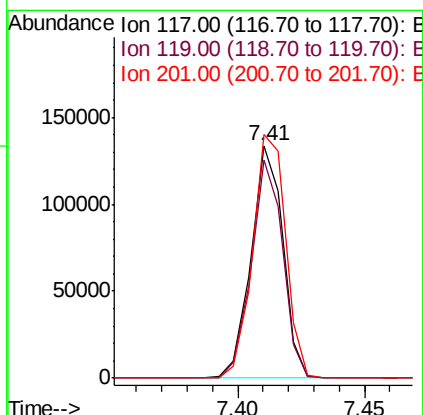
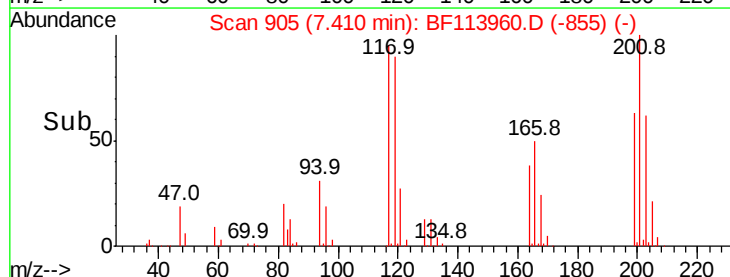
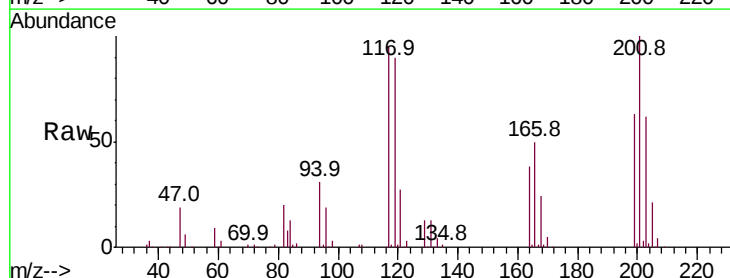
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

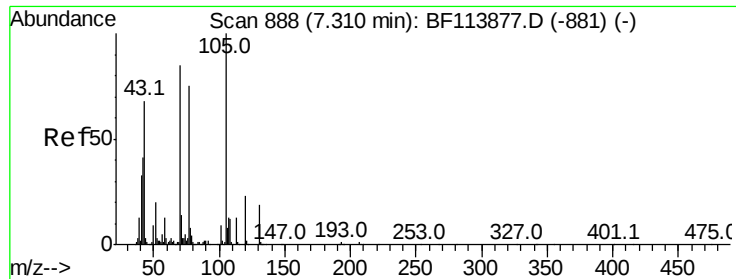
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	91.5	137.3
77	46.1	36.2	54.4
79	45.5	35.4	53.0



#18
Hexachloroethane
Concen: 33.867 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.4	111.6
201	104.7	90.2	135.2

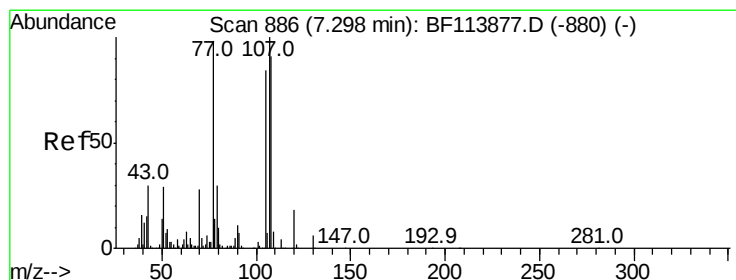
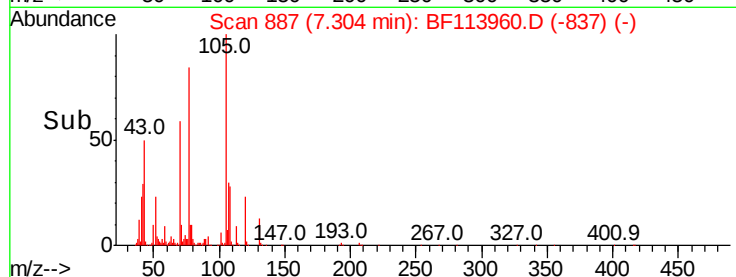
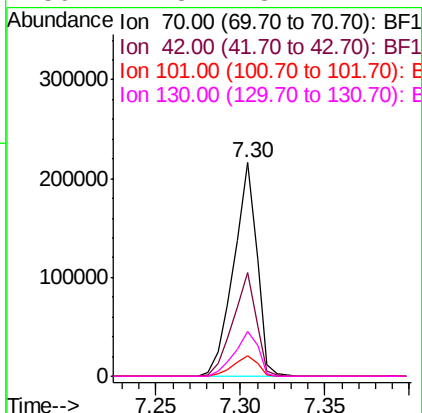
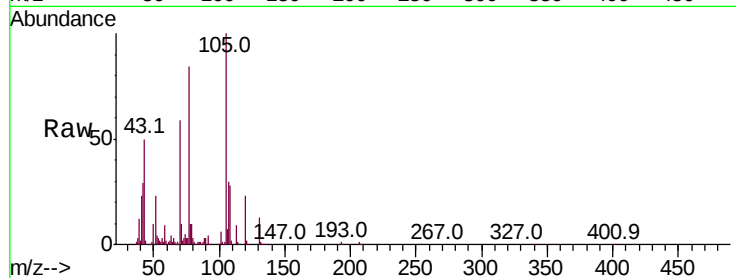




#19
n-Nitroso-di-n-propylamine
Concen: 33.773 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

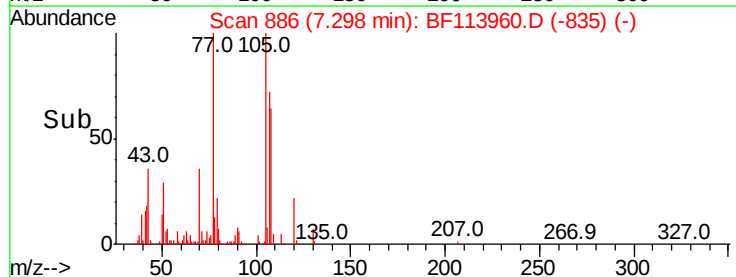
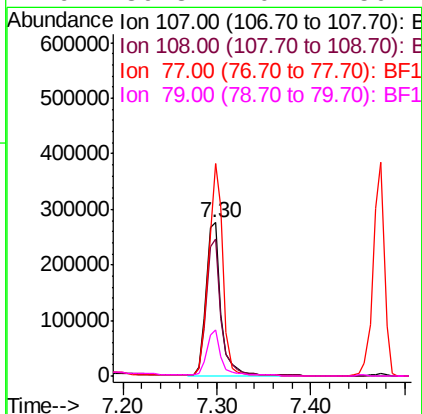
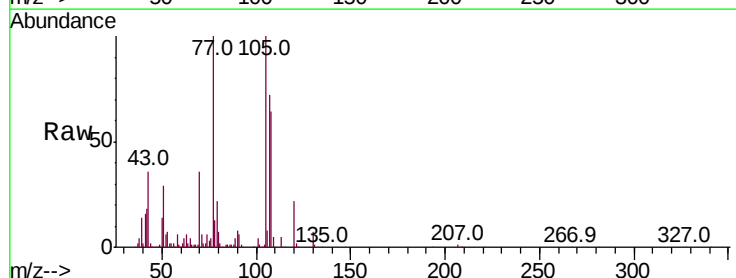
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

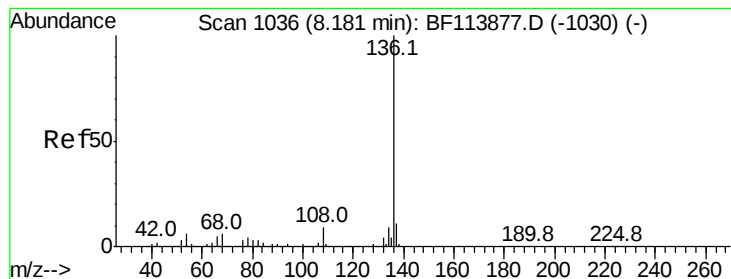
Tot Ion: 70 Resp: 207566
Ion Ratio Lower Upper
70 100
42 48.5 37.3 55.9
101 9.5 7.8 11.8
130 21.3 18.2 27.2



#20
3+4-Methylphenols
Concen: 36.204 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion:107 Resp: 309657
Ion Ratio Lower Upper
107 100
108 89.6 70.1 110.1
77 138.7 52.9 92.9#
79 30.3 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tot Ion:136 Resp: 485658

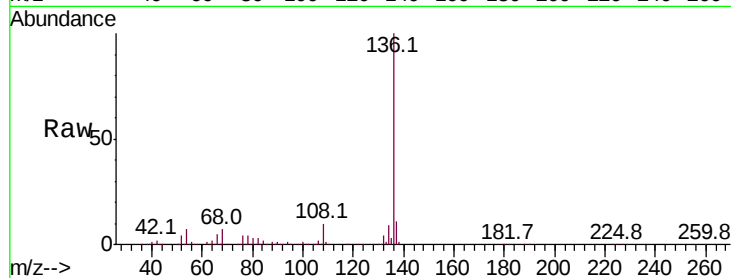
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.6 5.0 7.6

68 6.6 4.9 7.3

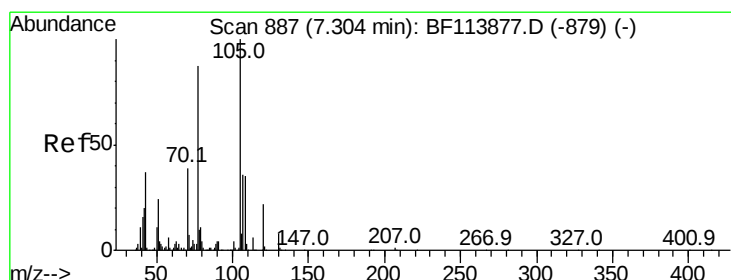
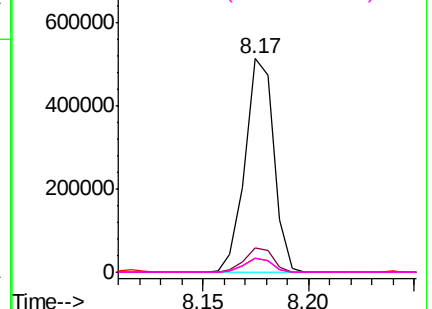
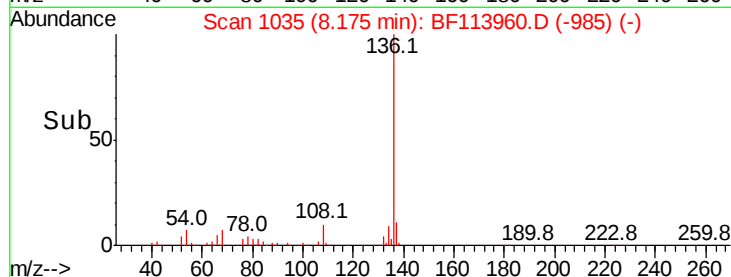


Abundance Ion 136.00 (135.70 to 136.70): E

800000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.042 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Tgt Ion:105 Resp: 411136

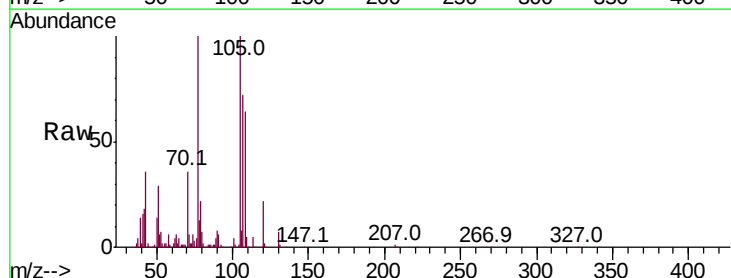
Ion Ratio Lower Upper

105 100

71 6.1 6.1 9.1

51 28.8 16.8 25.2#

120 21.6 17.6 26.4

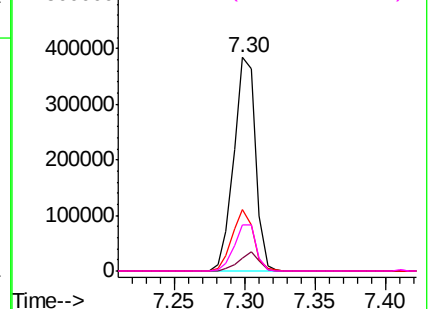
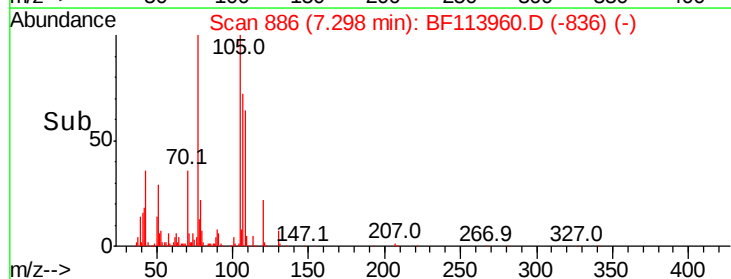


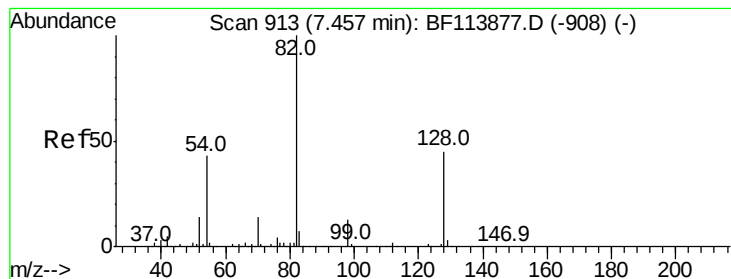
Abundance Ion 105.00 (104.70 to 105.70): E

600000 Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.676 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

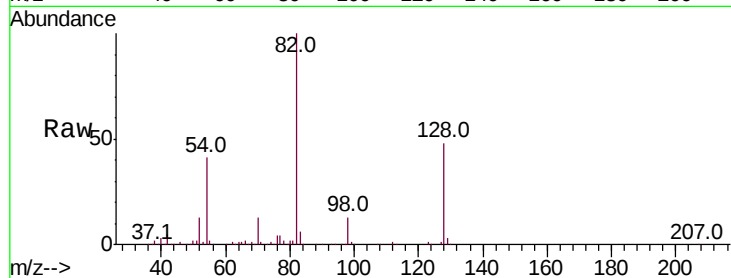
Tot Ion: 82 Resp: 595245

Ion Ratio Lower Upper

82 100

128 47.6 36.8 55.2

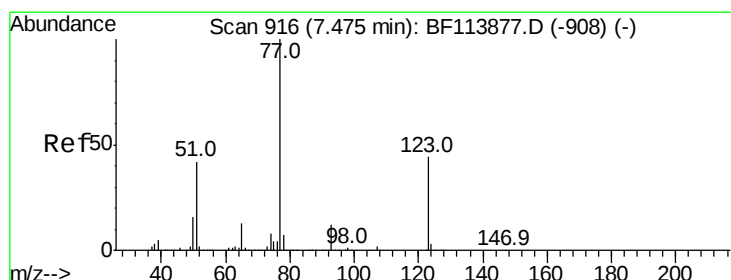
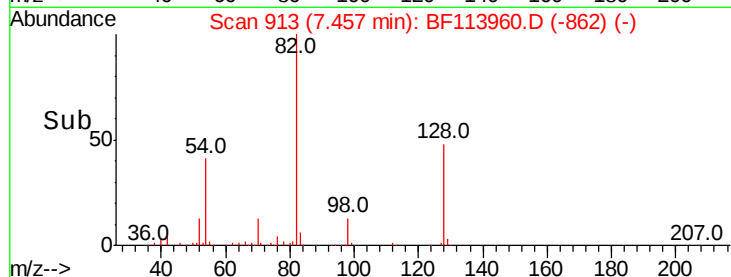
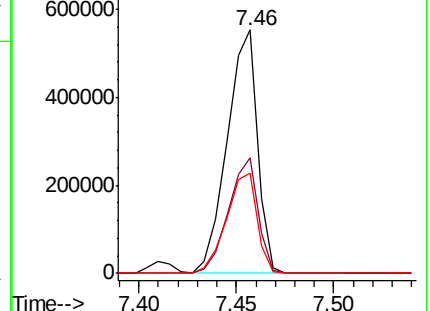
54 41.4 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.702 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

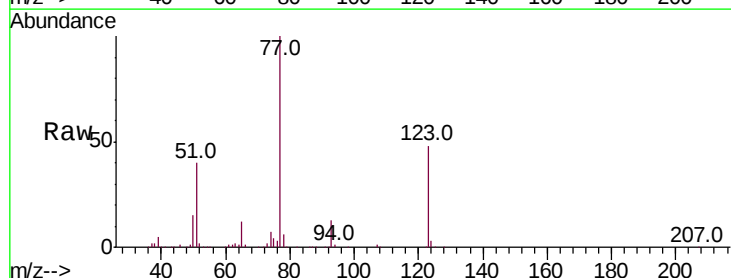
Tgt Ion: 77 Resp: 318982

Ion Ratio Lower Upper

77 100

123 47.8 36.3 54.5

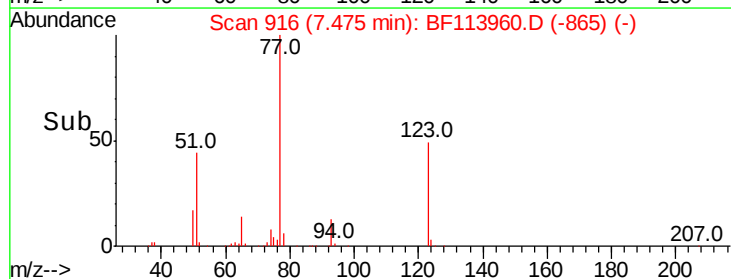
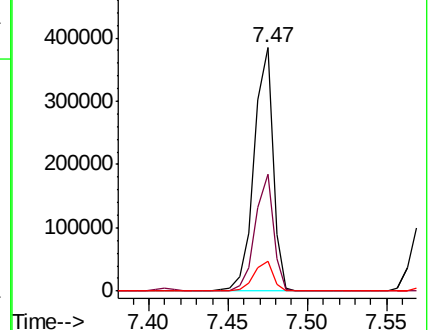
65 12.1 10.3 15.5

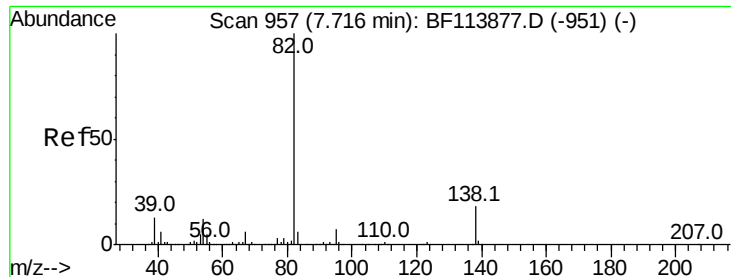


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.959 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

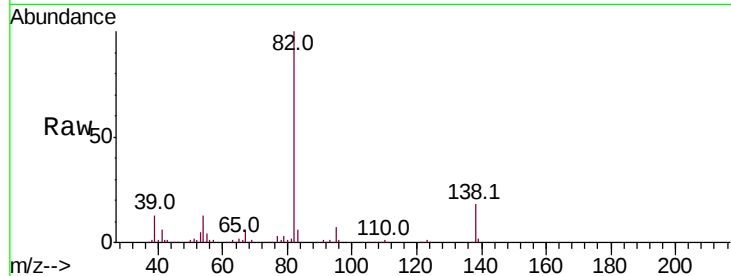
Tot Ion: 82 Resp: 562639

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

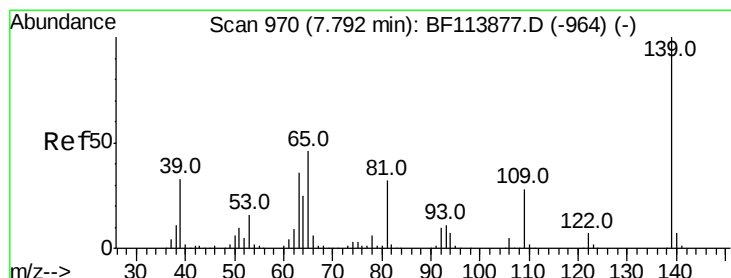
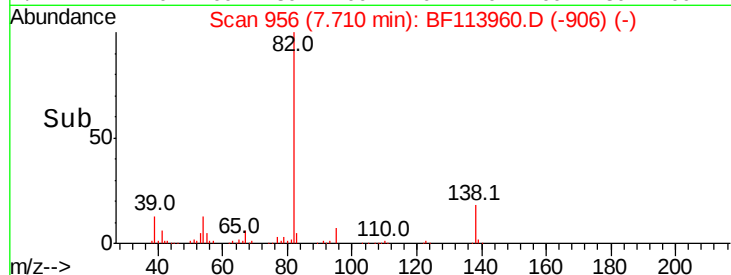
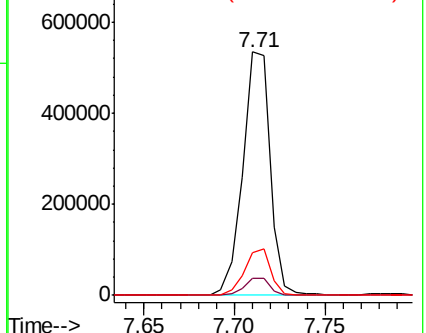
138 17.6 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.744 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

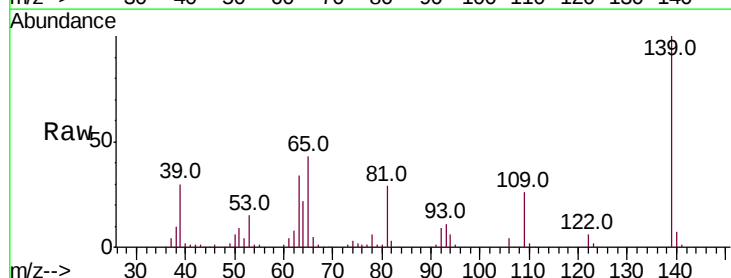
Tgt Ion: 139 Resp: 153618

Ion Ratio Lower Upper

139 100

109 26.5 20.6 31.0

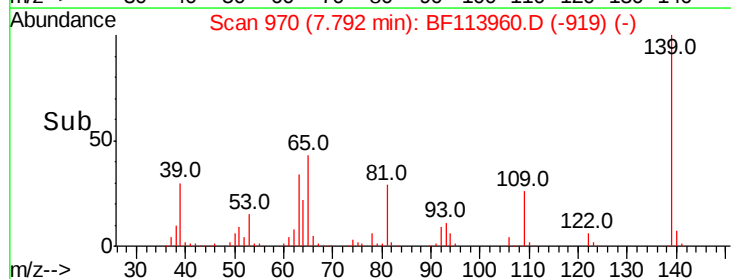
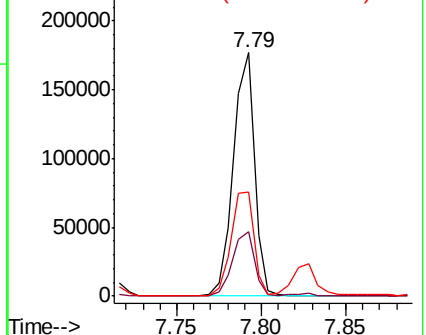
65 42.9 34.6 52.0

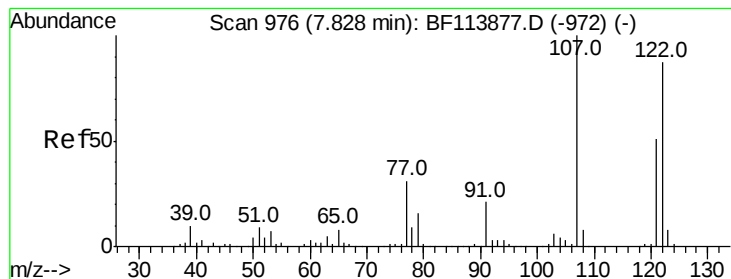


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.466 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

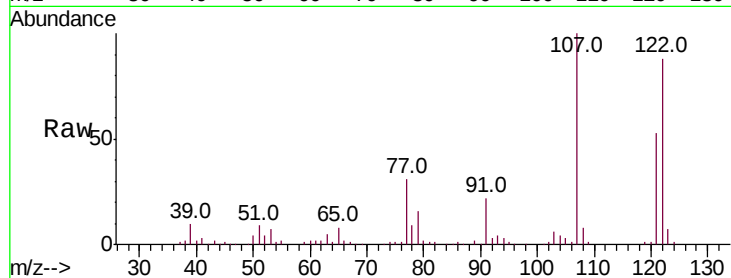
Tot Ion:122 Resp: 248494

Ion Ratio Lower Upper

122 100

107 113.9 91.2 136.8

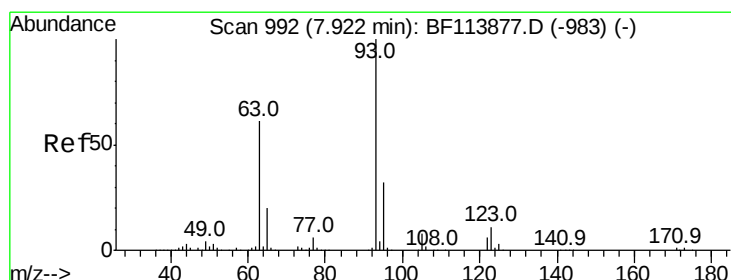
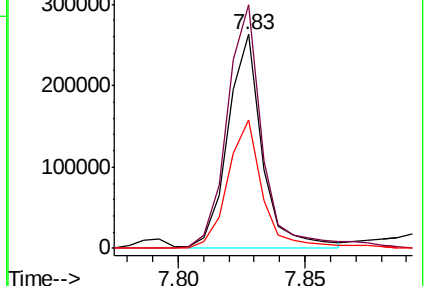
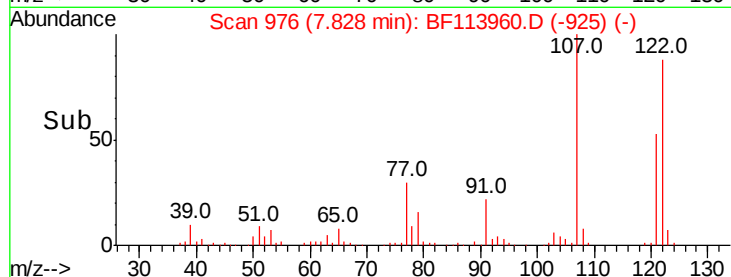
121 59.9 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.253 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

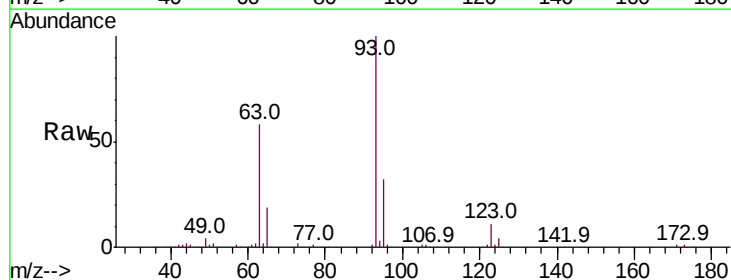
Tgt Ion: 93 Resp: 361546

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.6

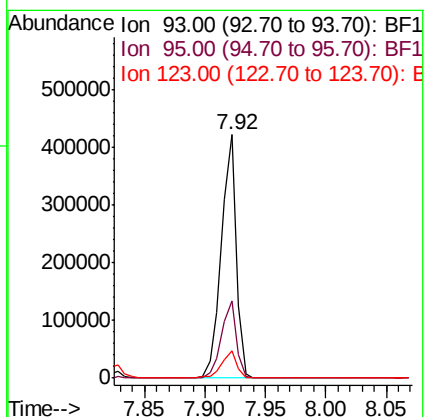
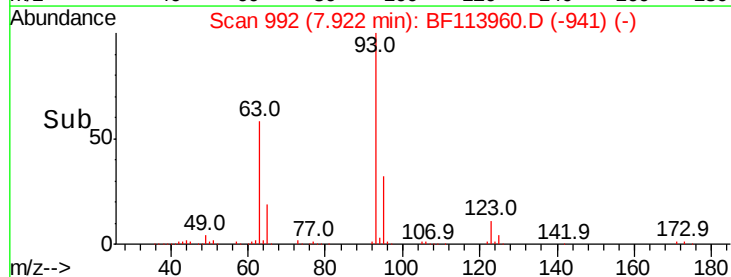
123 11.1 9.0 13.6

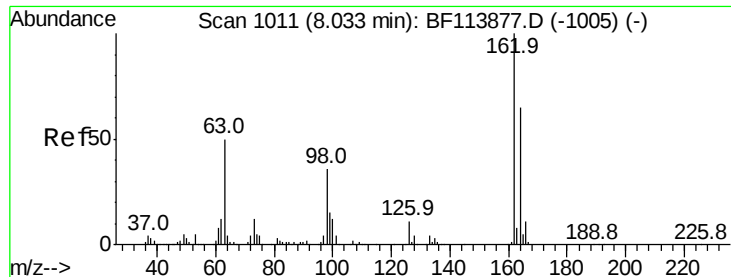


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

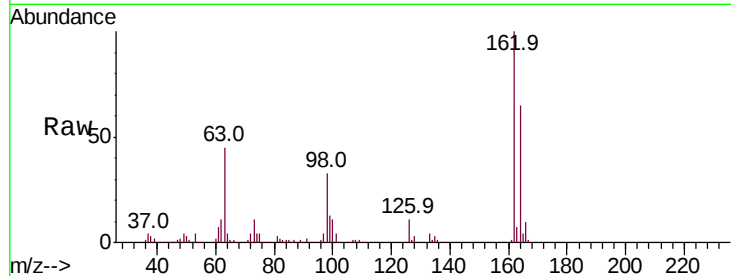




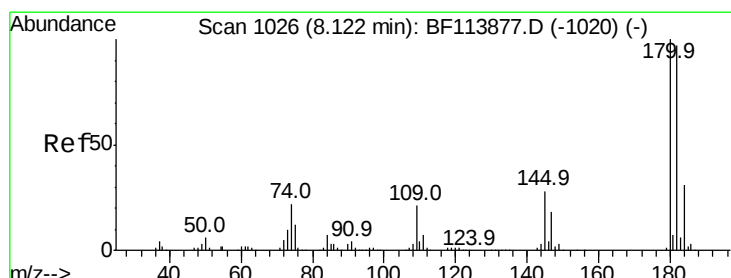
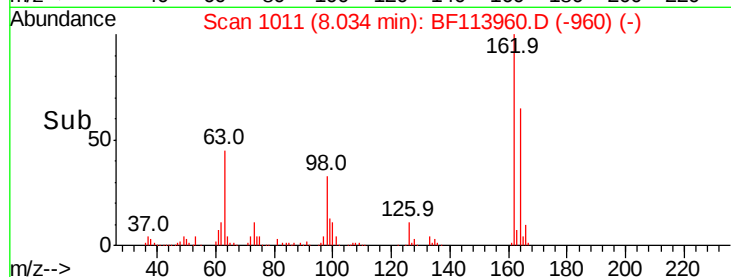
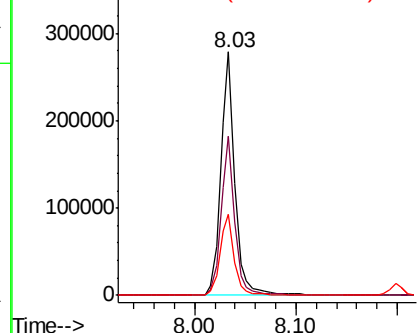
#29
 2,4-Dichlorophenol
 Concen: 36.286 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.7	83.7
98	33.4	15.5	55.5

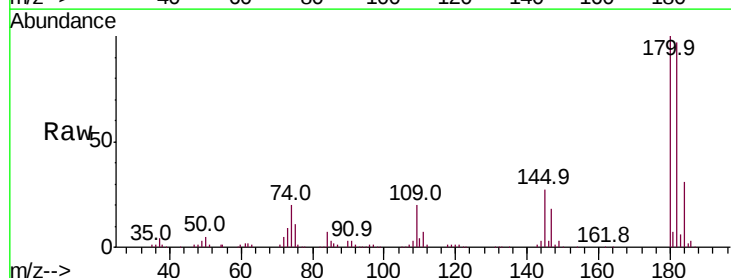


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

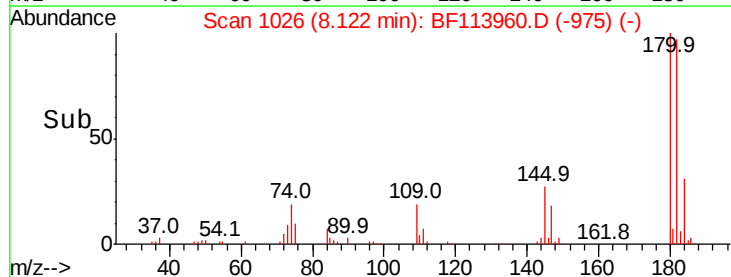
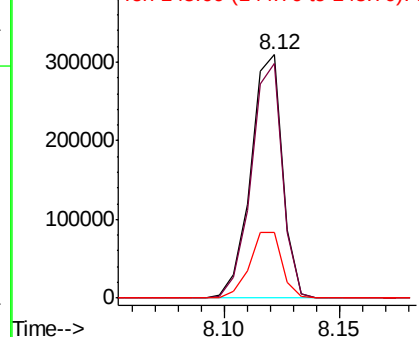


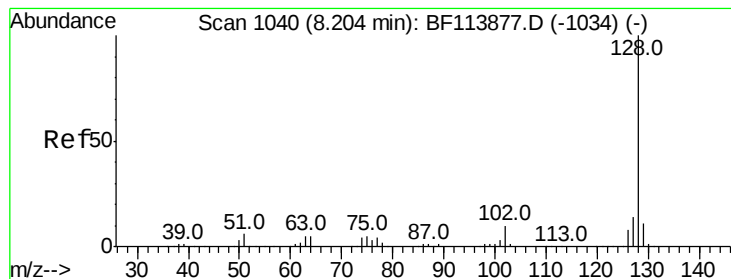
#30
 1,2,4-Trichlorobenzene
 Concen: 36.165 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.4	113.0
145	27.2	23.0	34.4



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: 36.821 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

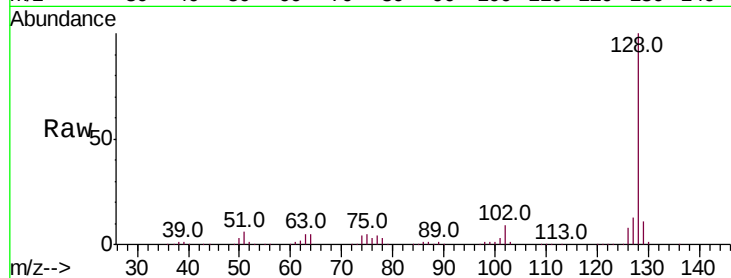
Tot Ion:128 Resp: 849517

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

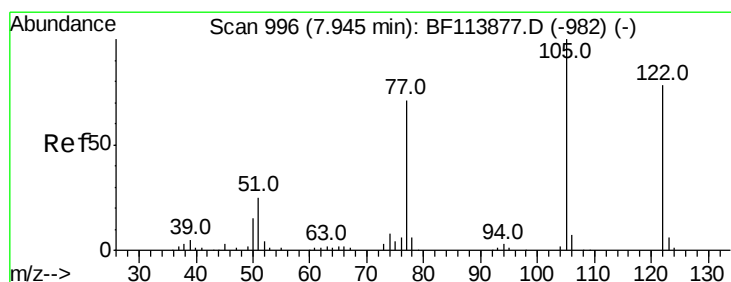
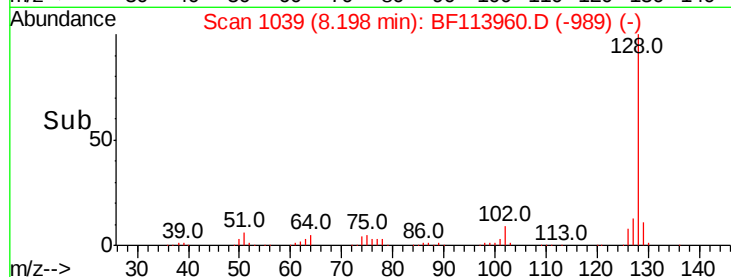
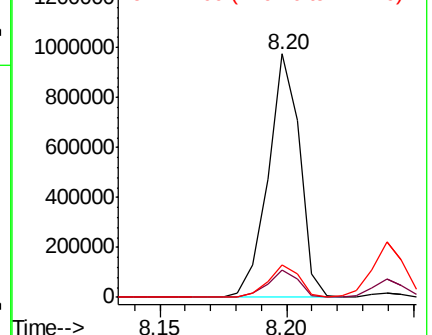
127 13.5 10.8 16.2



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



#32

Benzoic acid

Concen: 10.784 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

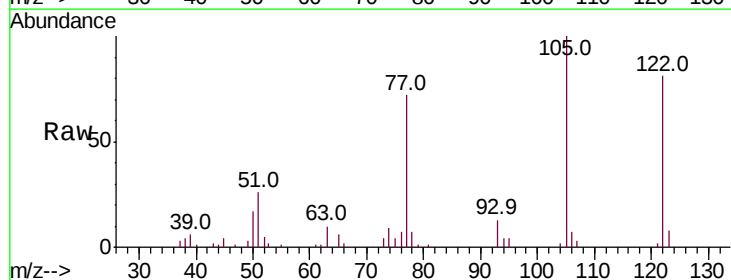
Tgt Ion:122 Resp: 47047

Ion Ratio Lower Upper

122 100

105 123.8 104.3 144.3

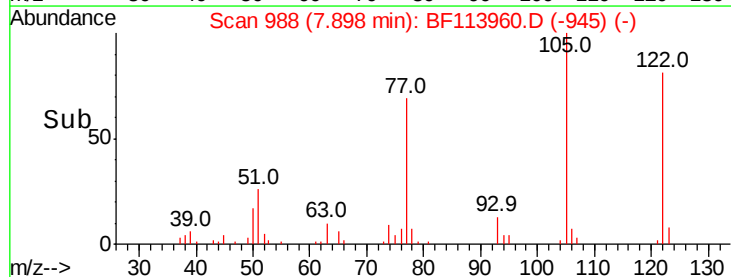
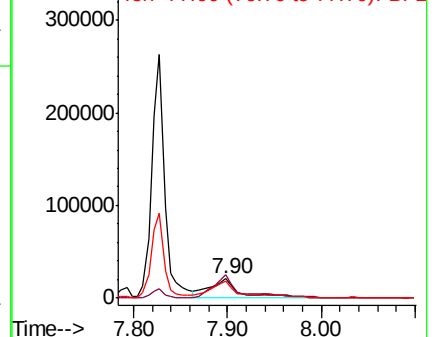
77 88.7 70.4 110.4

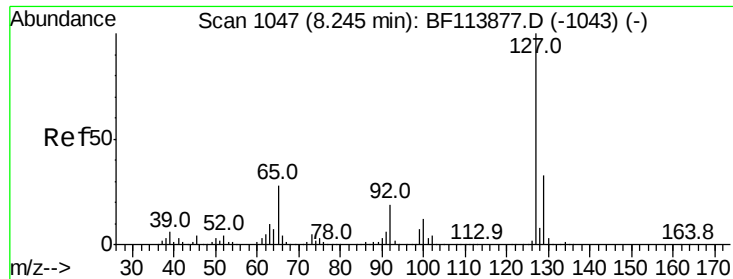


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

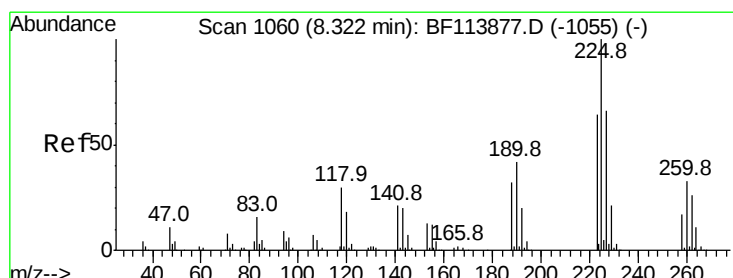
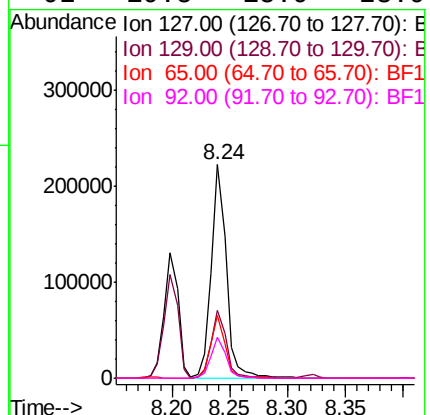
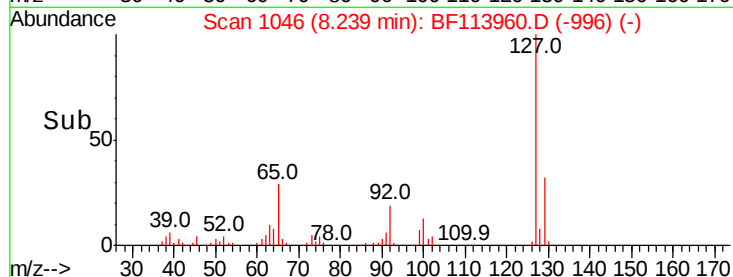
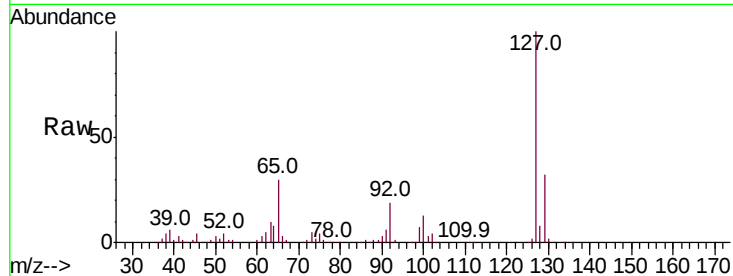




#33
4-Chloroaniline
Concen: 21.040 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

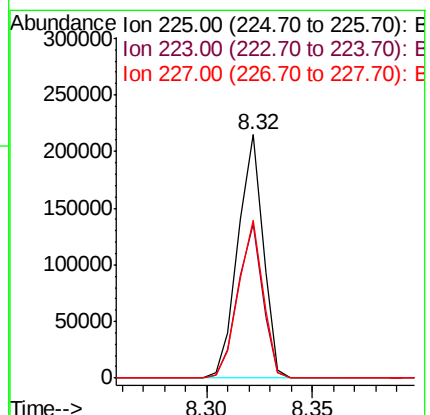
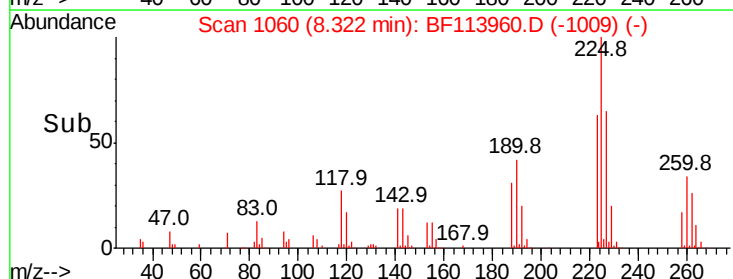
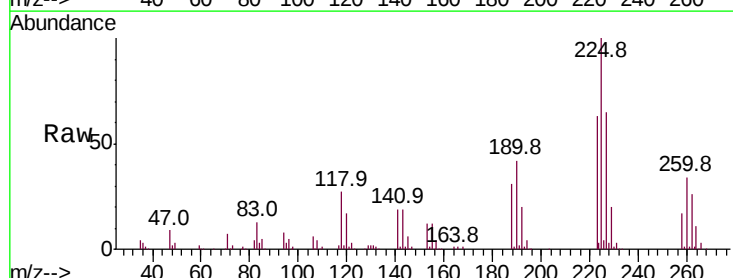
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

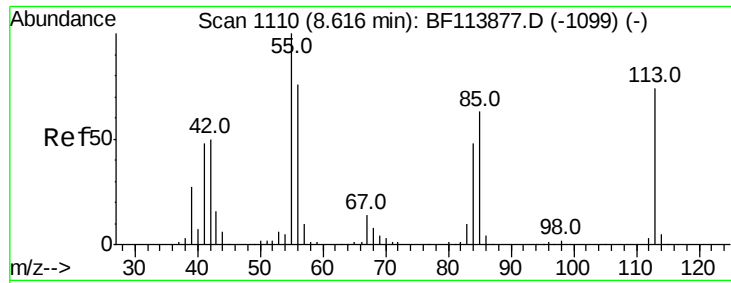
Tot Ion:	127	Resp:	205395
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	29.6	24.9	37.3
92	19.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 34.561 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion:	225	Resp:	177460
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.1	76.7
227	65.1	49.9	74.9

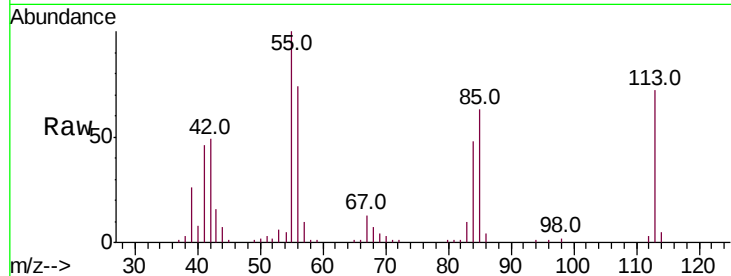




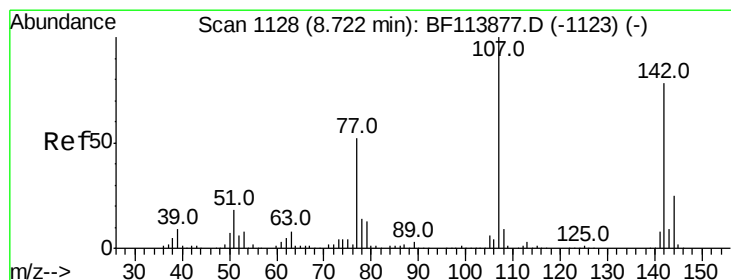
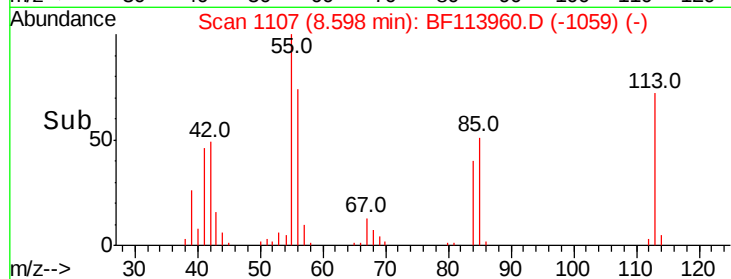
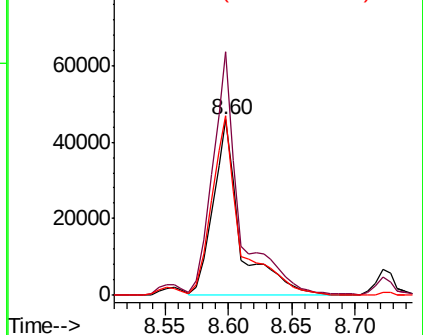
#35
 Caprolactam
 Concen: 29.617 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:113 Resp: 69599
 Ion Ratio Lower Upper
 113 100
 55 138.9 128.6 168.6
 56 102.7 91.9 131.9

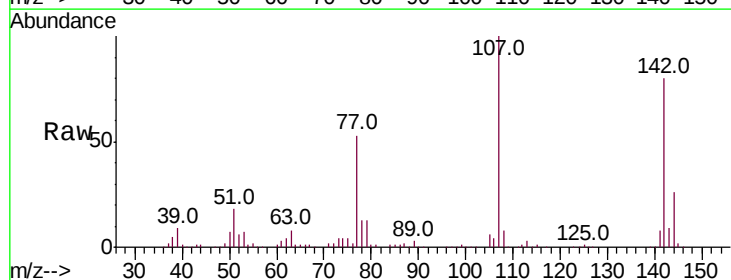


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

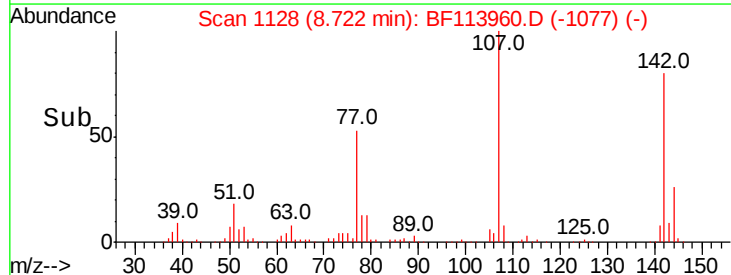
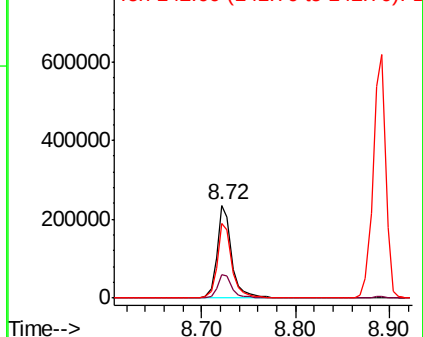


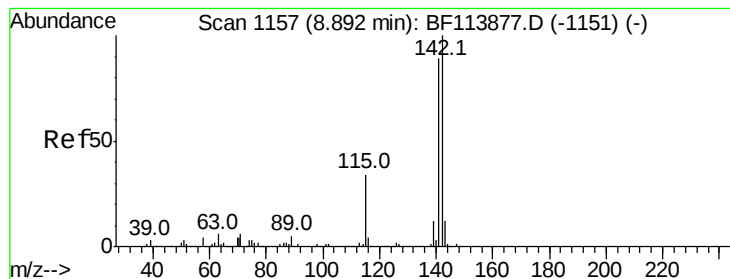
#36
 4-Chloro-3-methylphenol
 Concen: 34.997 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:107 Resp: 256134
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 80.1 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.081 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

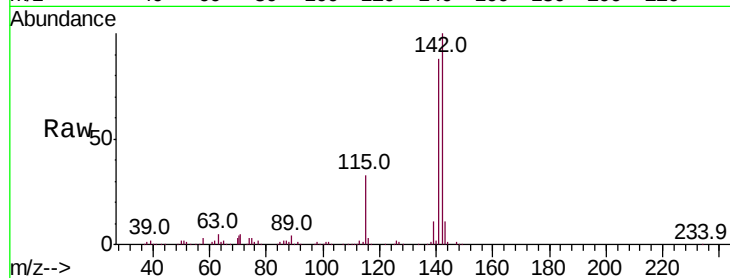
Tot Ion:142 Resp: 576911

Ion Ratio Lower Upper

142 100

141 88.3 70.4 105.6

115 32.7 26.3 39.5

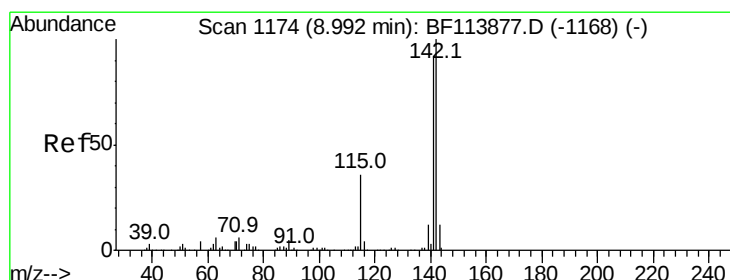
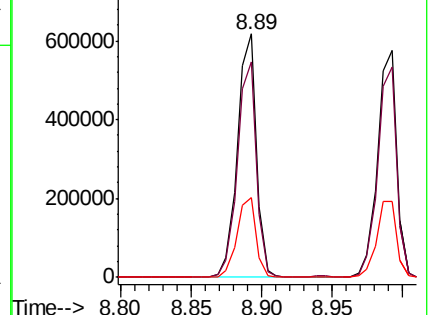
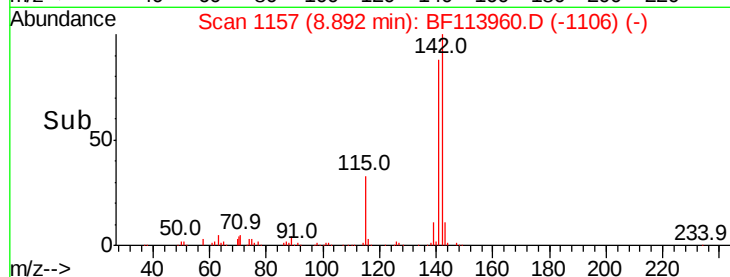


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.309 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

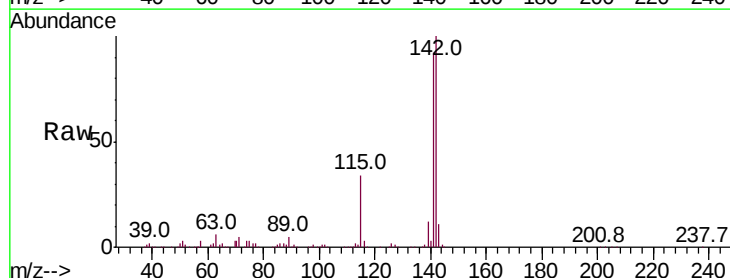
Tgt Ion:142 Resp: 545217

Ion Ratio Lower Upper

142 100

141 92.5 72.3 108.5

116 3.4 3.0 4.4

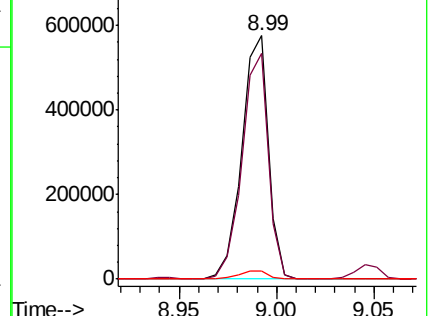
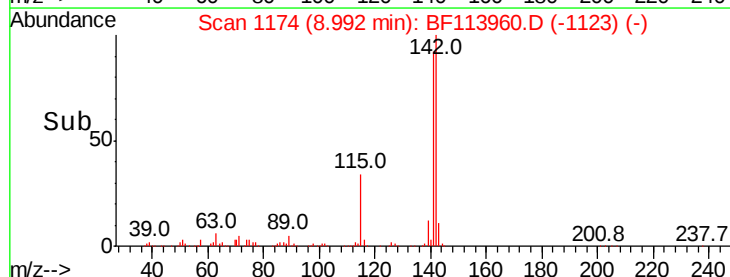


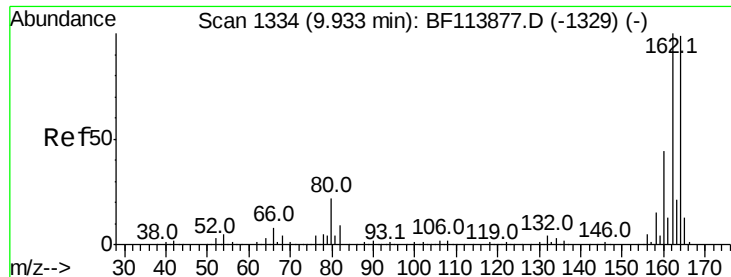
Abundance

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

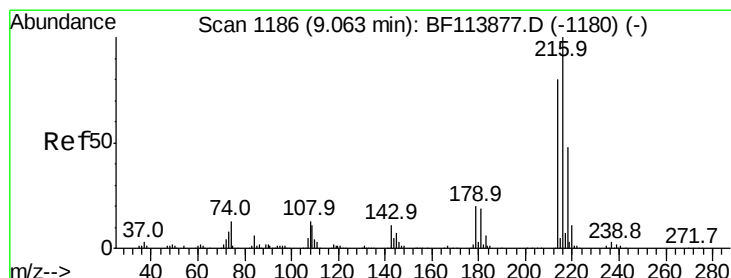
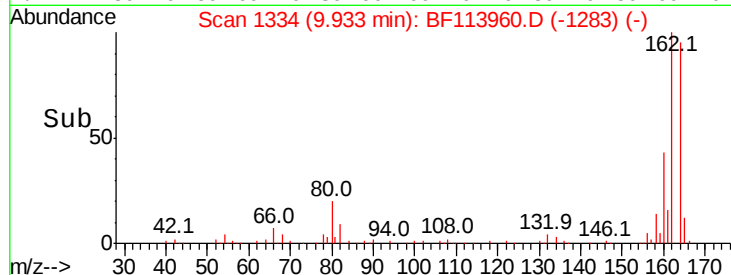
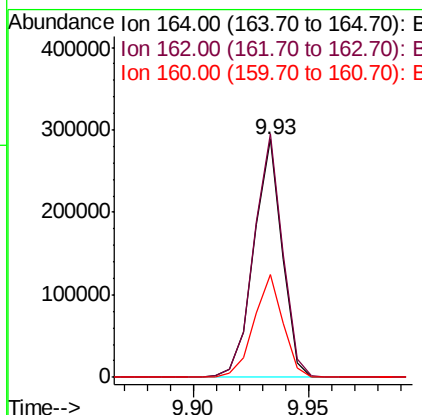
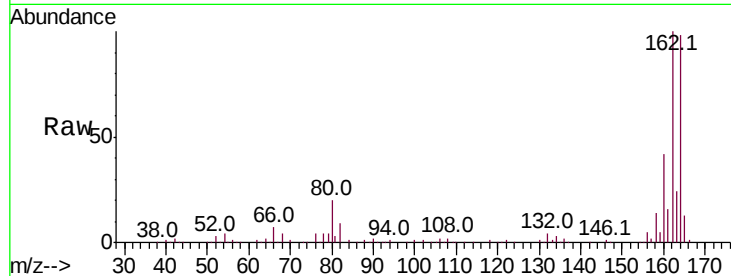




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

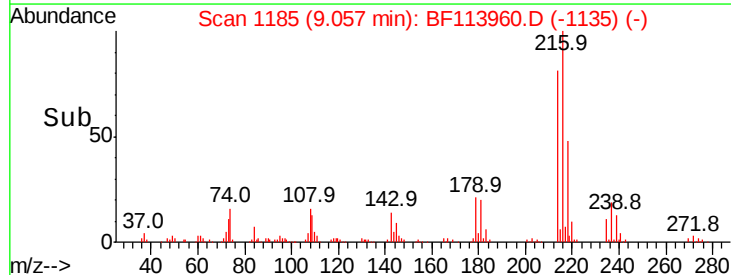
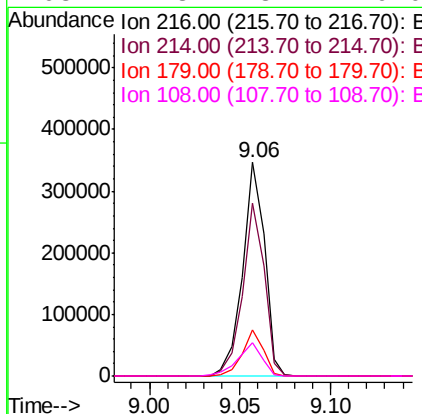
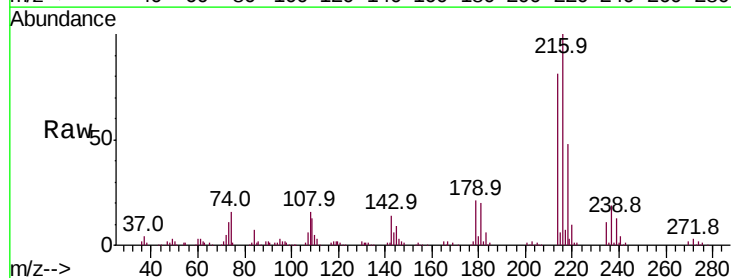
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

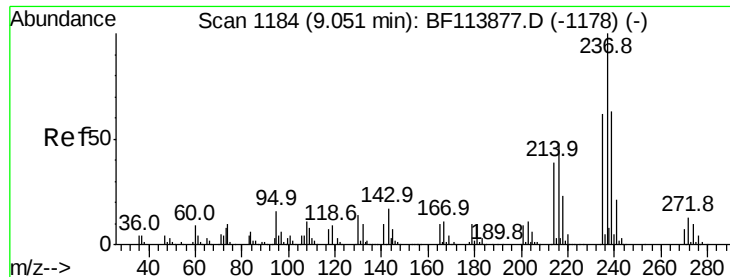
Tot Ion:164 Resp: 248173
Ion Ratio Lower Upper
164 100
162 102.3 81.1 121.7
160 43.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.215 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion:216 Resp: 291943
Ion Ratio Lower Upper
216 100
214 79.6 63.5 95.3
179 20.6 16.1 24.1
108 17.3 13.4 20.0

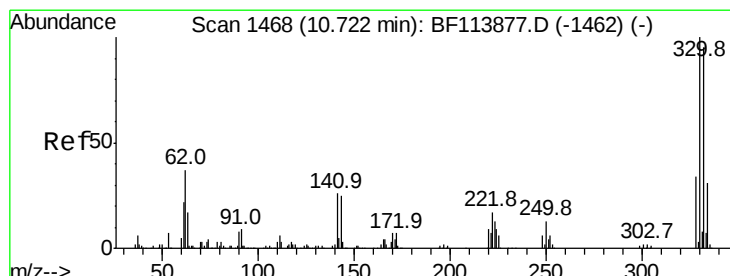
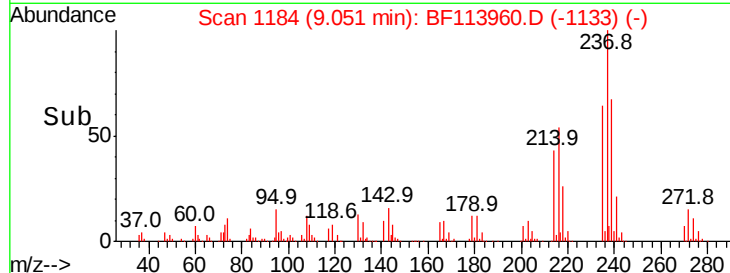
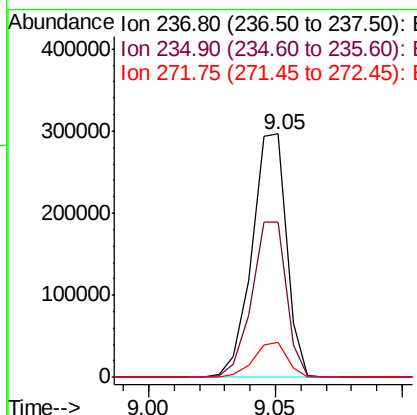
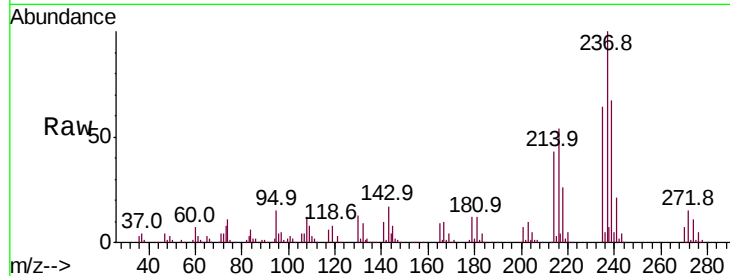




#41
 Hexachlorocyclopentadiene
 Concen: 63.141 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

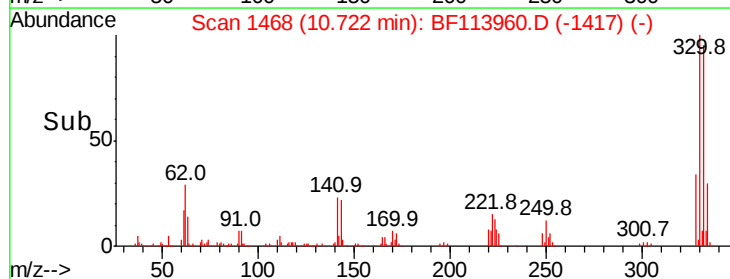
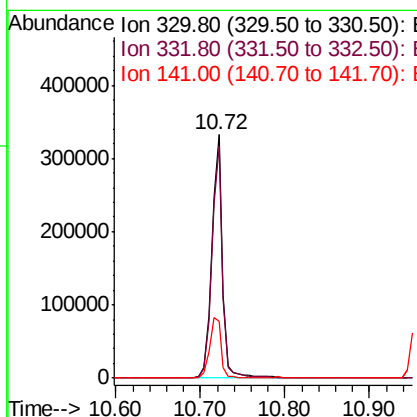
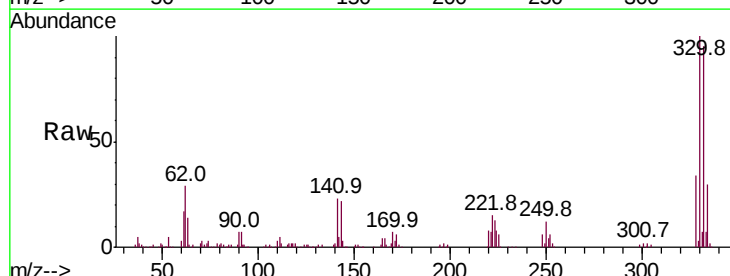
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

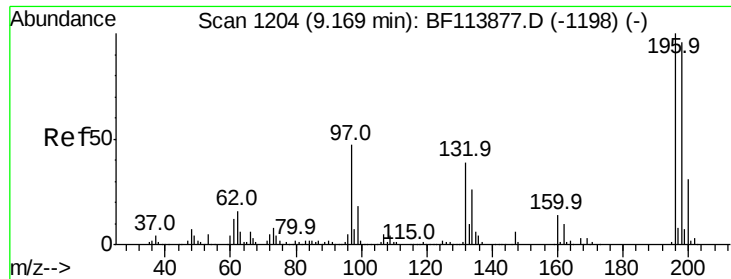
Tot Ion:	237	Resp:	283843
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.6	82.6
272	14.6	0.0	33.8



#42
 2,4,6-Tribromophenol
 Concen: 99.095 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:	330	Resp:	299589
Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.5	116.3
141	26.8	22.2	33.2

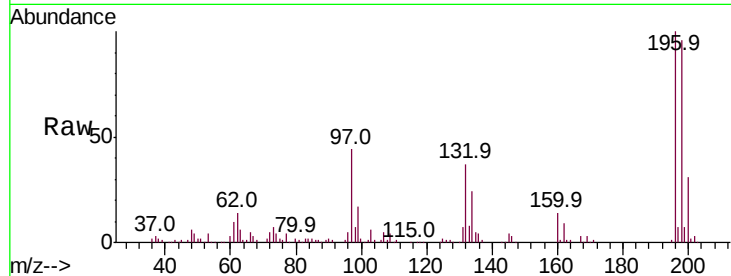




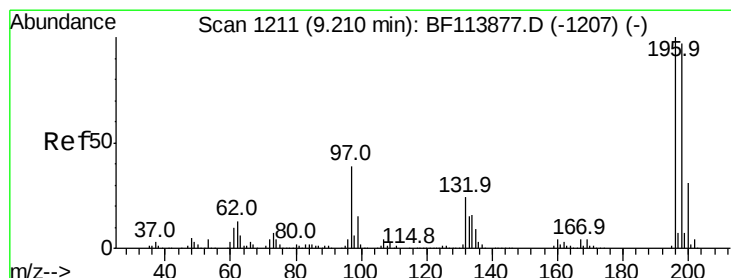
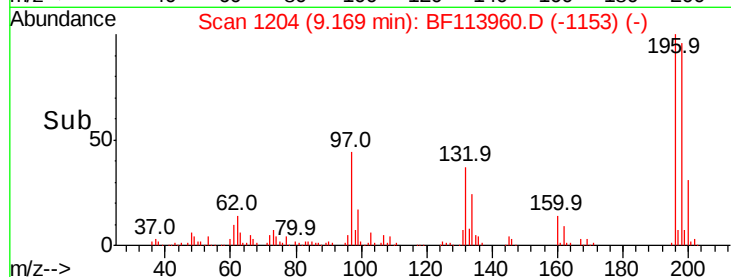
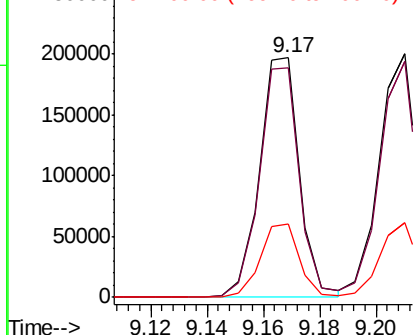
#43
 2,4,6-Trichlorophenol
 Concen: 37.742 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion:196 Resp: 193201
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.6 113.4
 200 30.8 24.7 37.1

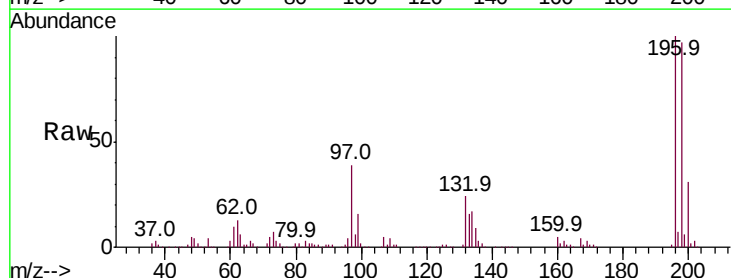


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

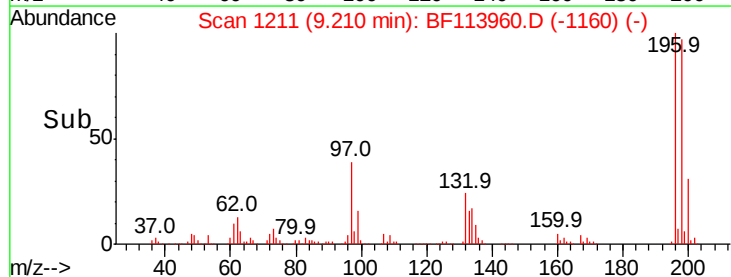
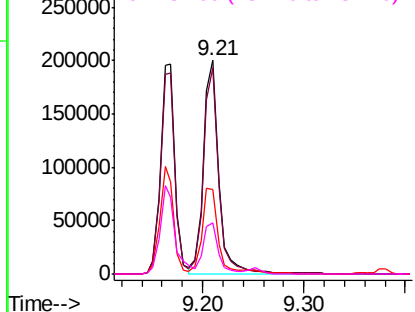


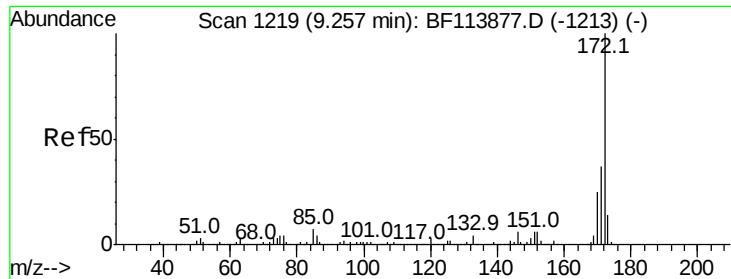
#44
 2,4,5-Trichlorophenol
 Concen: 36.623 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:196 Resp: 210276
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.2 114.4
 97 39.5 35.8 53.8
 132 24.2 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 70.643 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

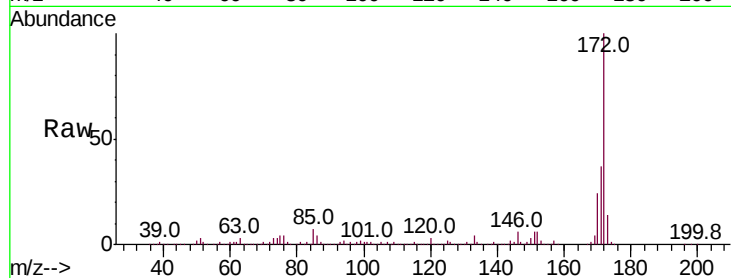
Tot Ion:172 Resp: 1120936

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

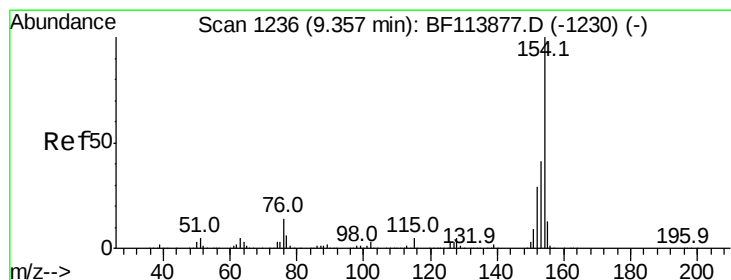
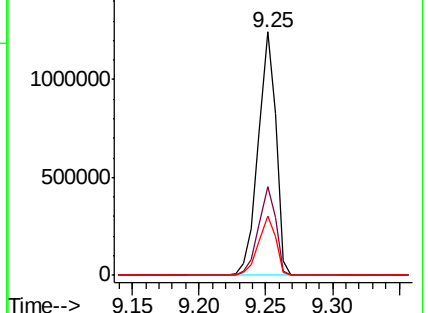
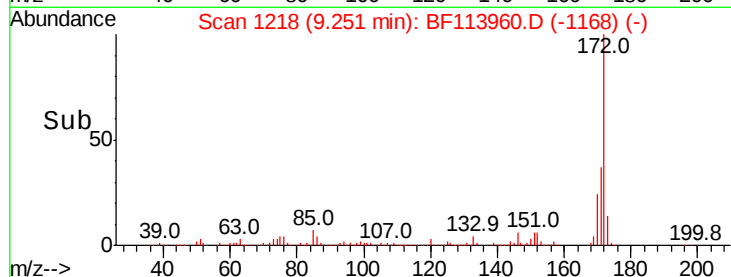
170 24.4 19.9 29.9



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: 37.740 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

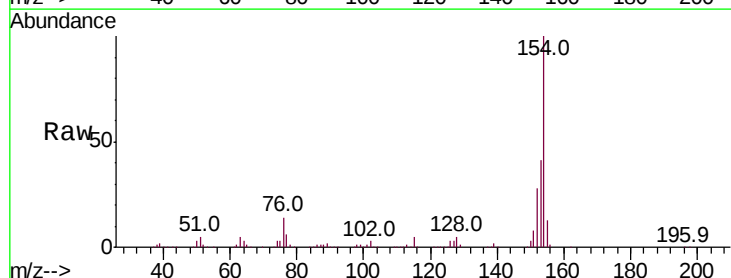
Tgt Ion:154 Resp: 715495

Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

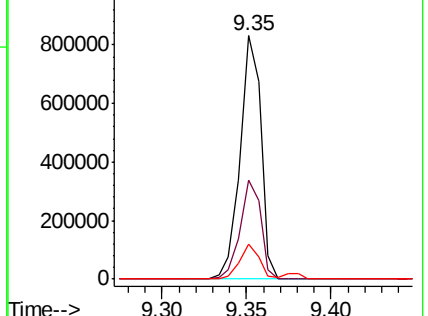
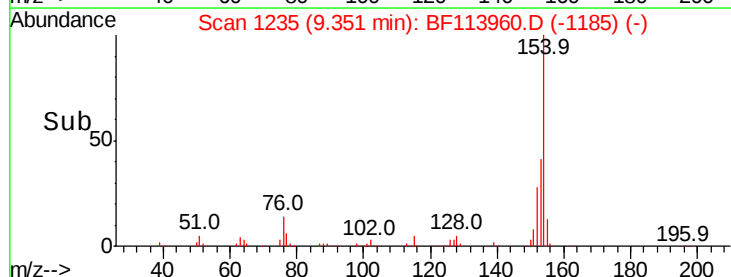
76 14.2 0.0 35.2

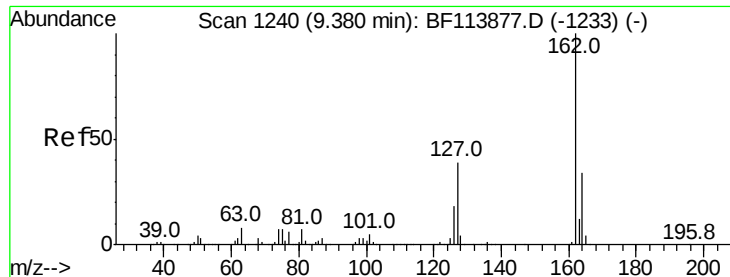


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

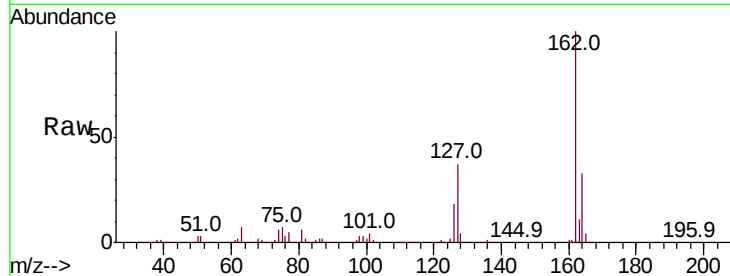




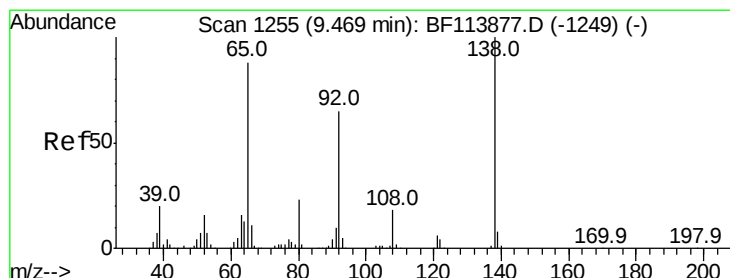
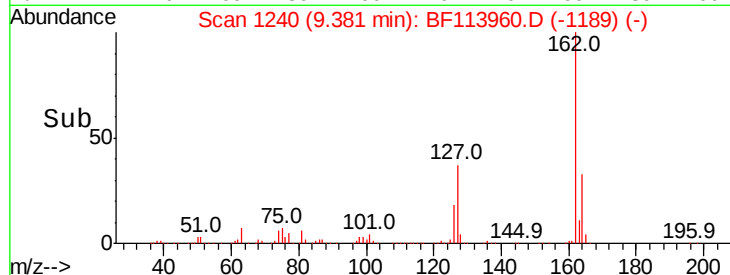
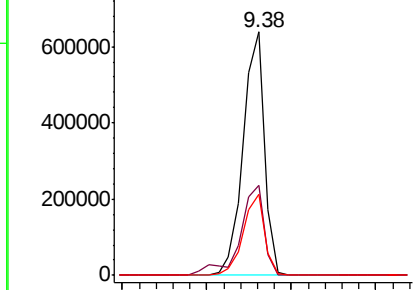
#47
 2-Chloronaphthalene
 Concen: 36.636 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:	162	Resp:	564837
Ion	Ratio	Lower	Upper
162	100		
127	36.7	29.3	43.9
164	33.3	27.1	40.7

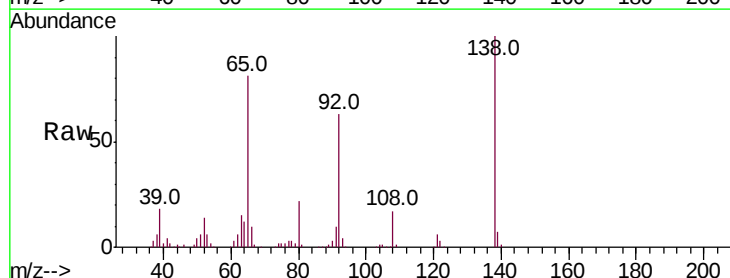


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

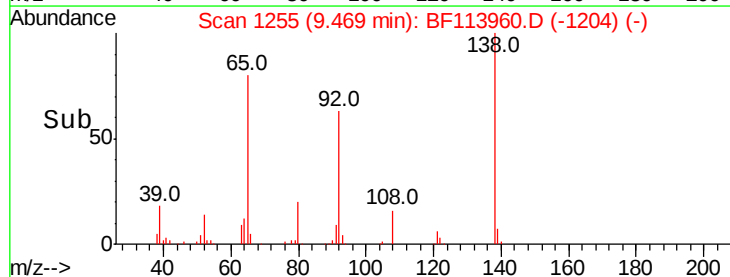
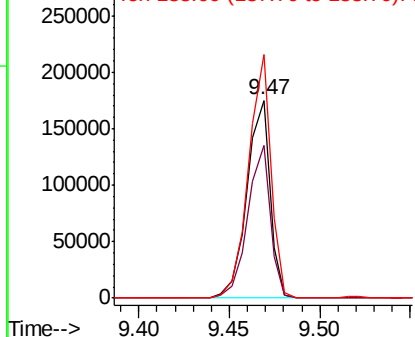


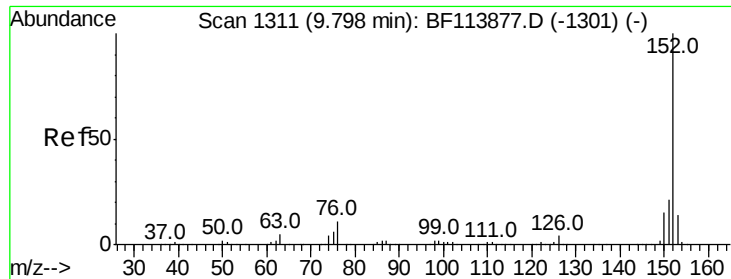
#48
 2-Nitroaniline
 Concen: 38.533 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:	65	Resp:	155736
Ion	Ratio	Lower	Upper
65	100		
92	77.1	57.4	86.0
138	123.2	85.4	128.0



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





#49

Acenaphthylene

Concen: 36.387 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

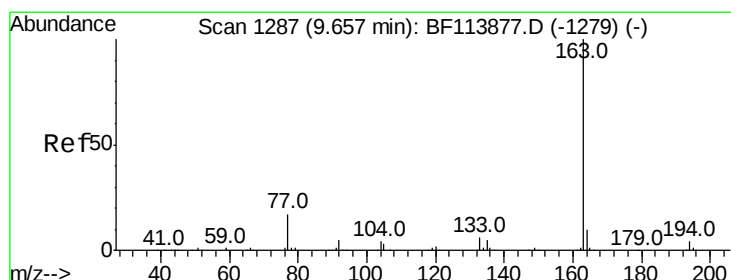
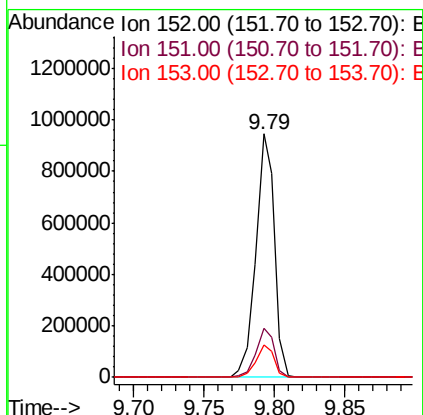
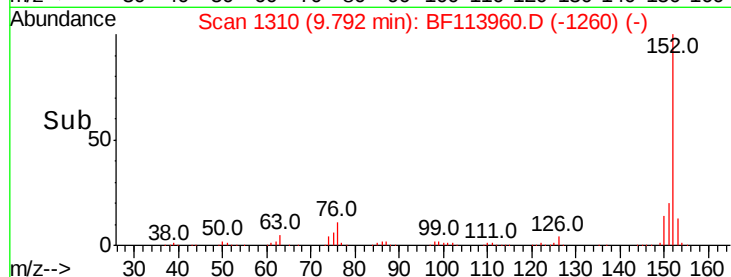
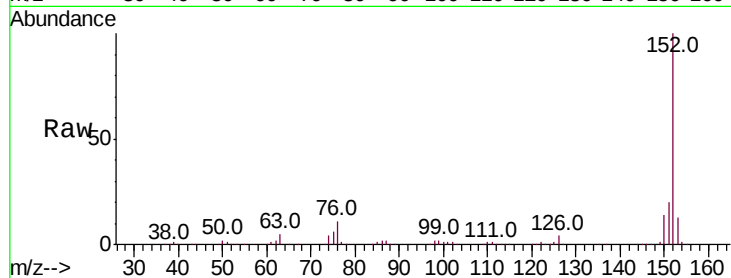
Tot Ion:152 Resp: 878260

Ion Ratio Lower Upper

152 100

151 20.2 17.0 25.4

153 13.4 11.0 16.6



#50

Dimethylphthalate

Concen: 46.153 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

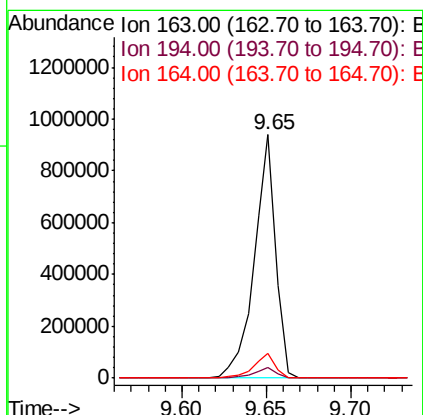
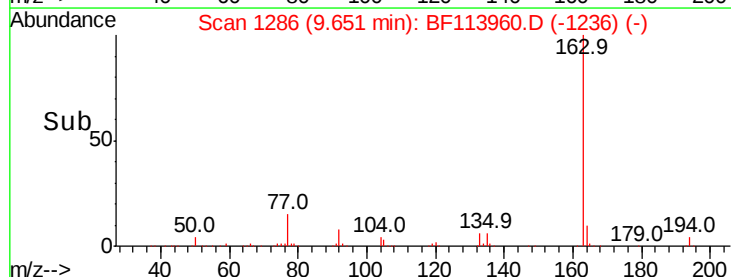
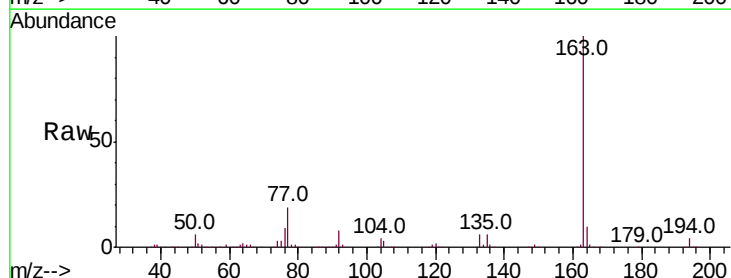
Tgt Ion:163 Resp: 828362

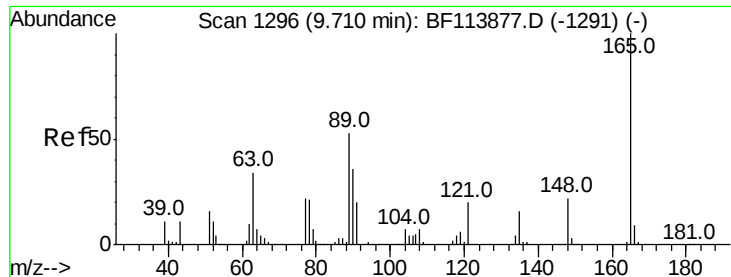
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 38.667 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampled :

TP-1MSD

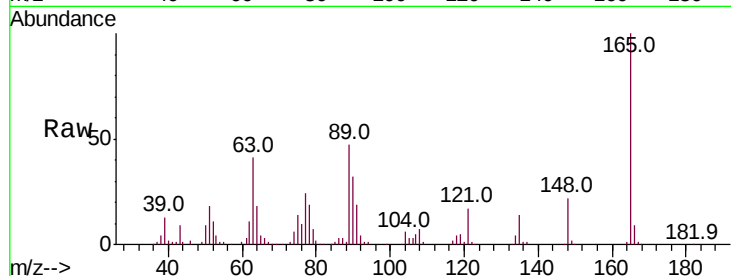
Tot Ion:165 Resp: 148892

Ion Ratio Lower Upper

165 100

63 41.2 33.8 50.8

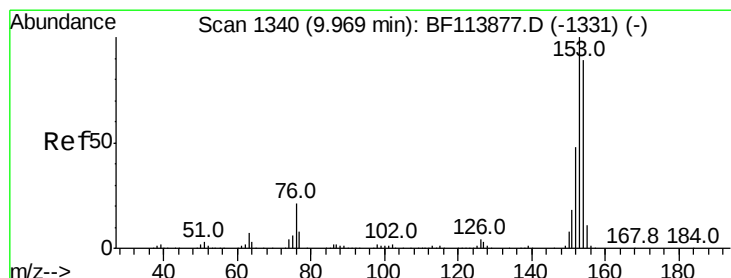
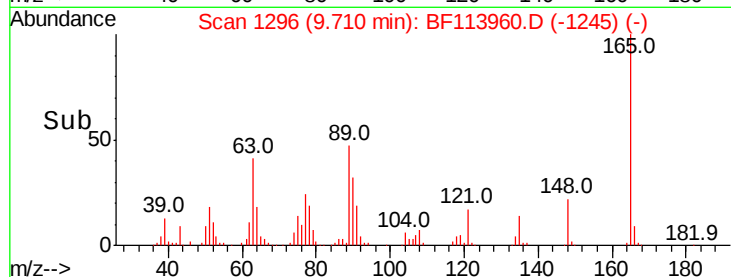
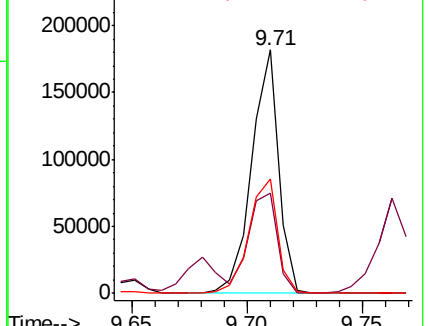
89 46.8 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.389 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

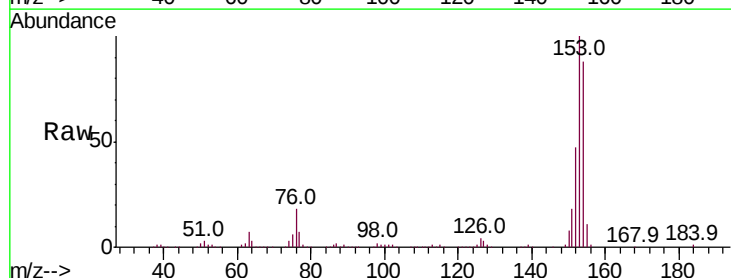
Tgt Ion:154 Resp: 533321

Ion Ratio Lower Upper

154 100

153 113.5 87.2 130.8

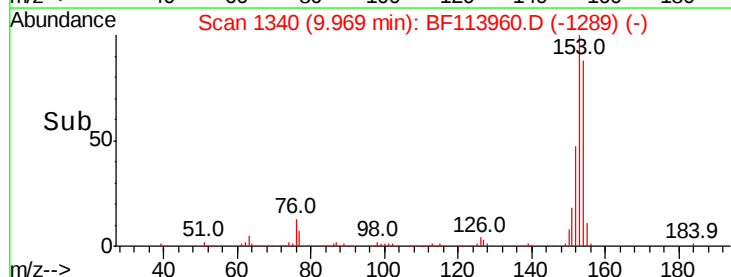
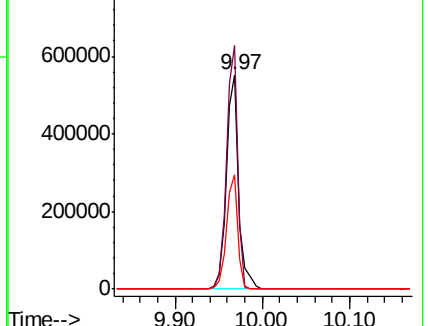
152 53.2 42.3 63.5

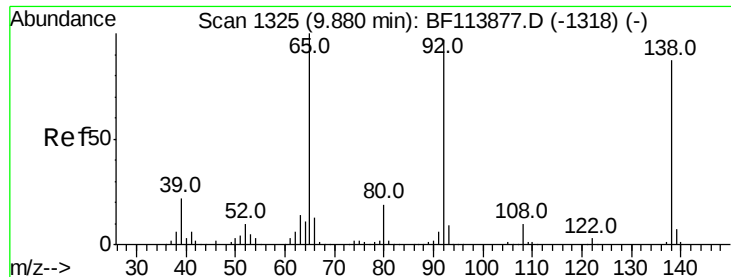


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

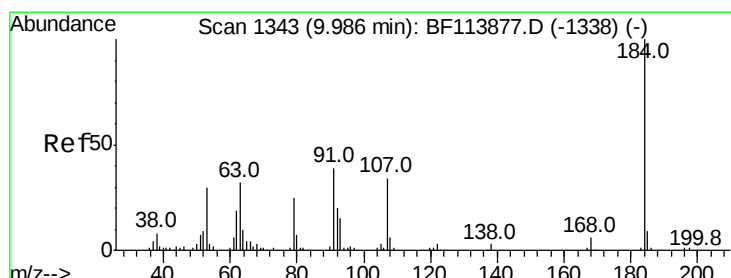
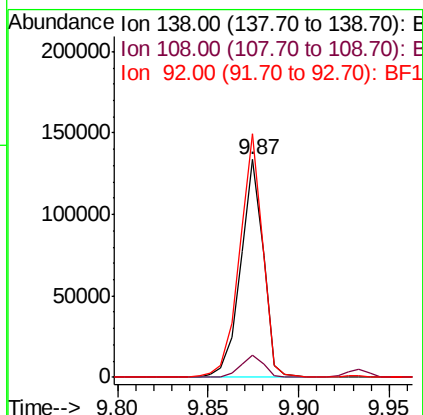
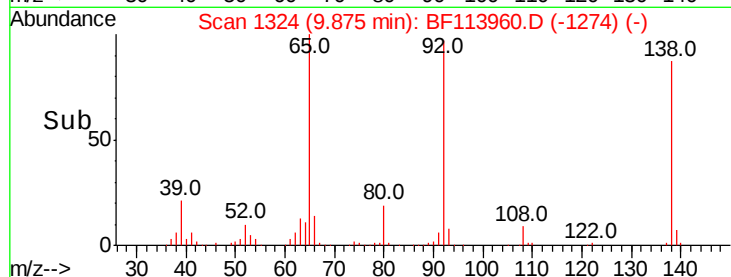
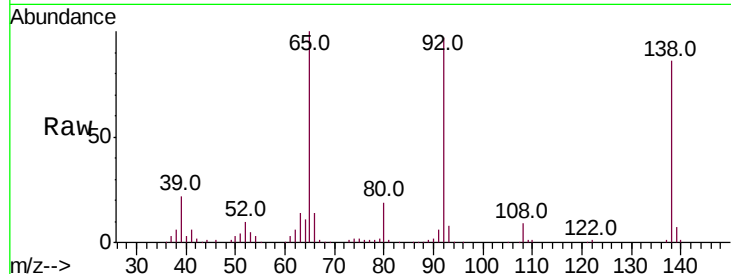




#53
3-Nitroaniline
Concen: 28.577 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

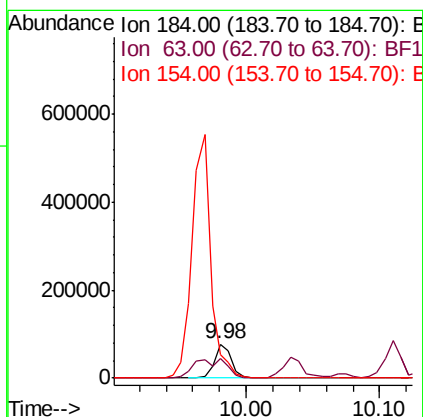
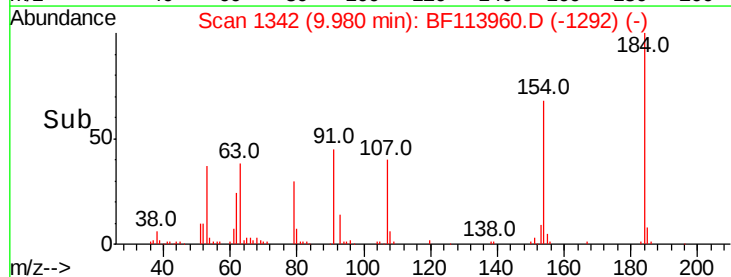
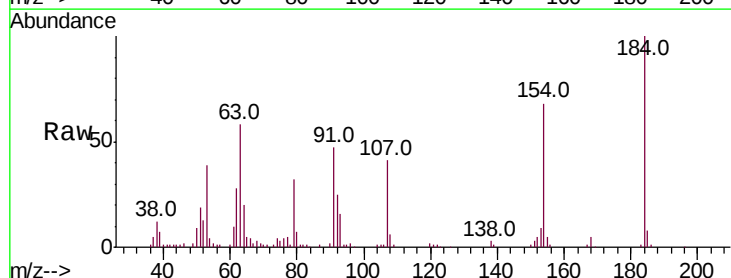
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

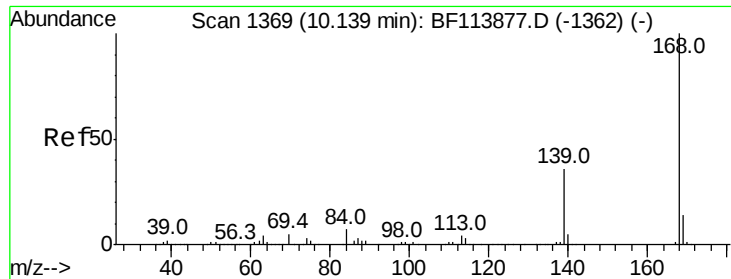
Tot Ion:138 Resp: 115631
Ion Ratio Lower Upper
138 100
108 10.0 9.4 14.2
92 111.9 94.1 141.1



#54
2,4-Dinitrophenol
Concen: 46.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion:184 Resp: 70060
Ion Ratio Lower Upper
184 100
63 58.2 54.6 81.8
154 68.0 218.6 328.0#

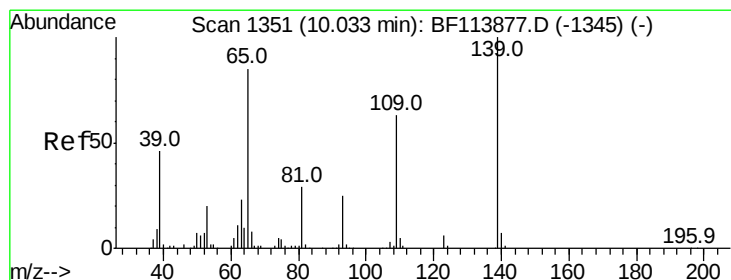
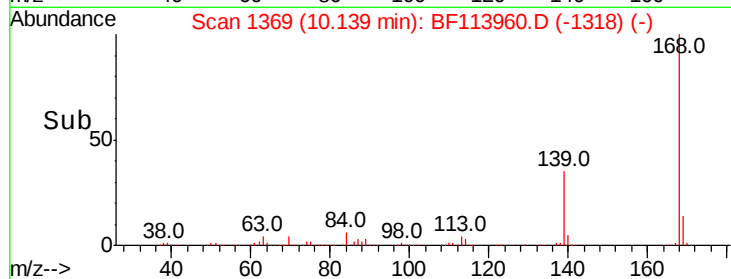
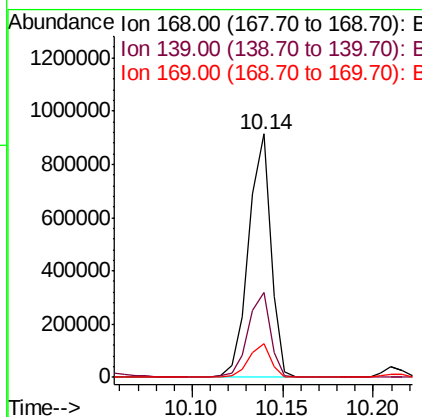
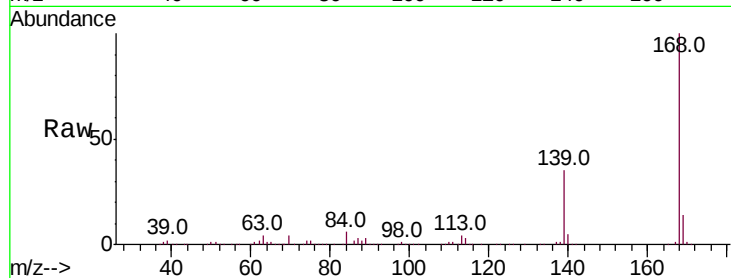




#55
Dibenzofuran
Concen: 36.532 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

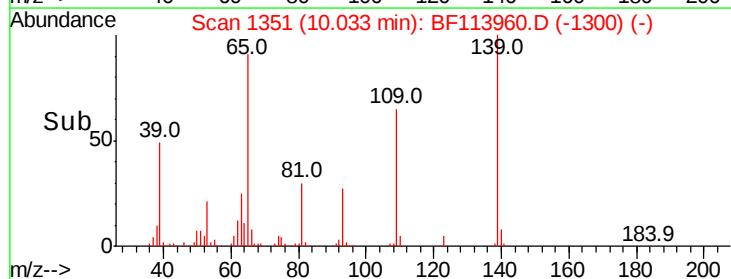
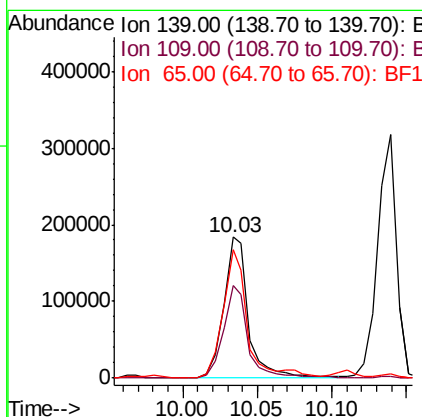
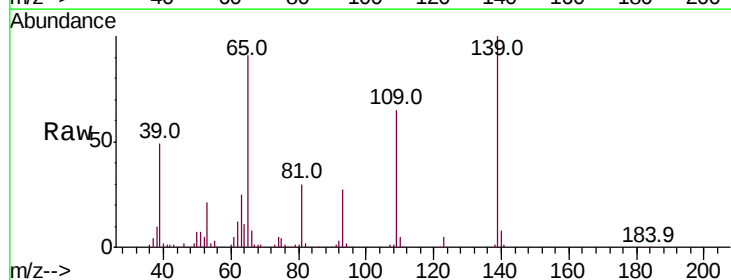
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

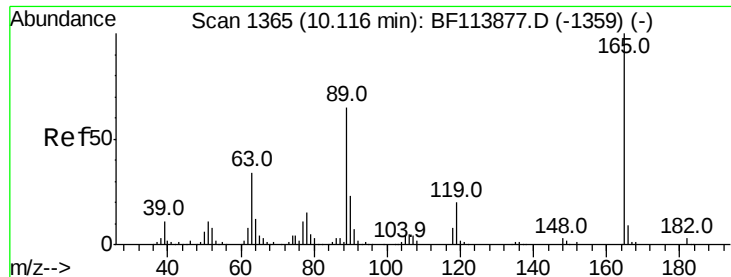
Tot Ion:168 Resp: 780569
Ion Ratio Lower Upper
168 100
139 34.7 27.8 41.6
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 67.326 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion:139 Resp: 215695
Ion Ratio Lower Upper
139 100
109 65.3 42.9 82.9
65 90.9 64.4 104.4

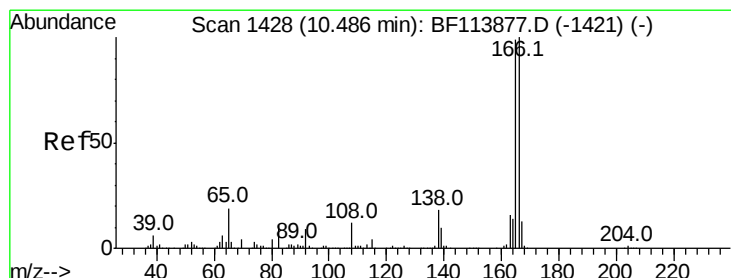
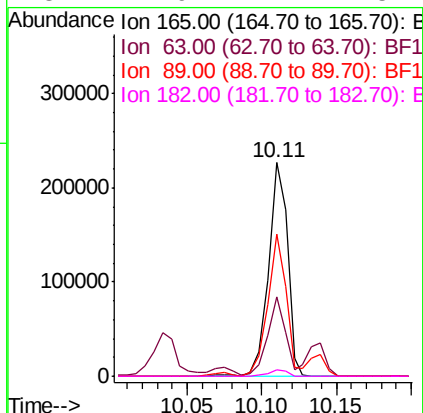
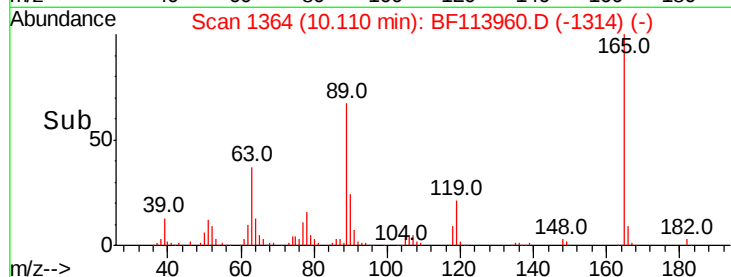
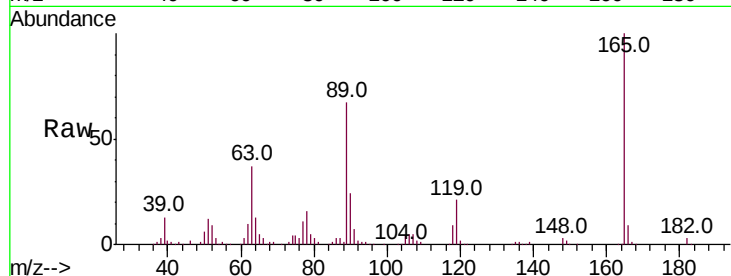




#57
2,4-Dinitrotoluene
Concen: 40.685 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

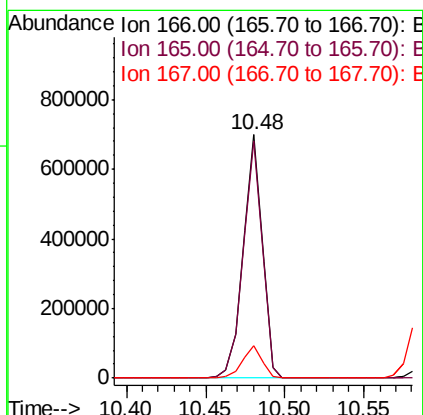
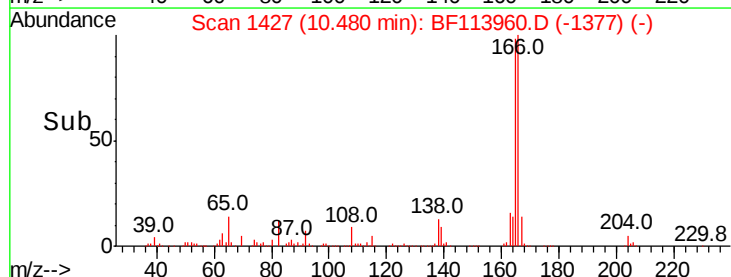
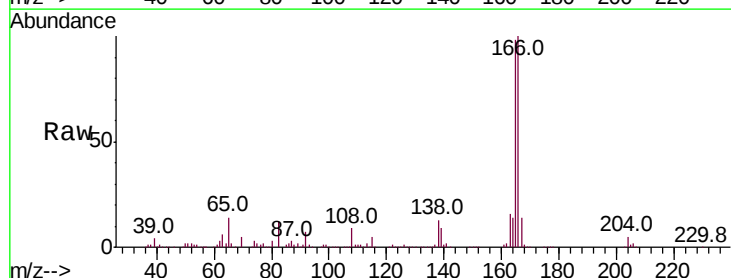
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

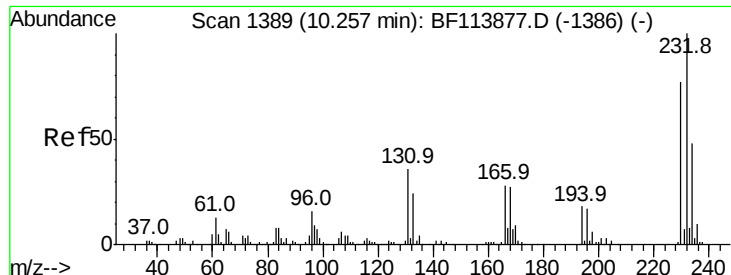
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.4	27.4	41.0
89	66.5	51.8	77.6
182	2.9	2.2	3.2



#58
Fluorene
Concen: 36.265 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.5	10.9	16.3

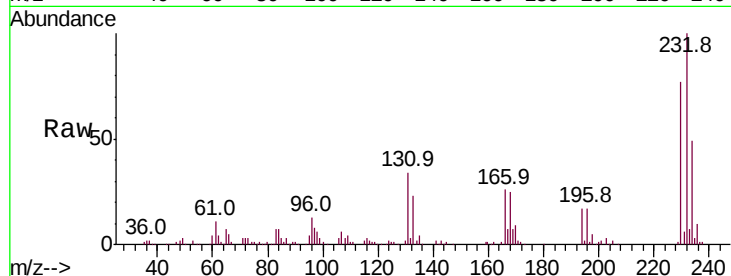




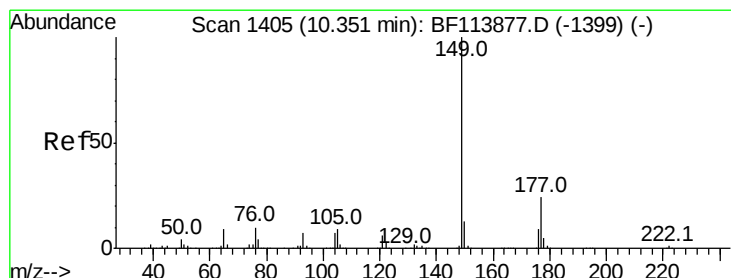
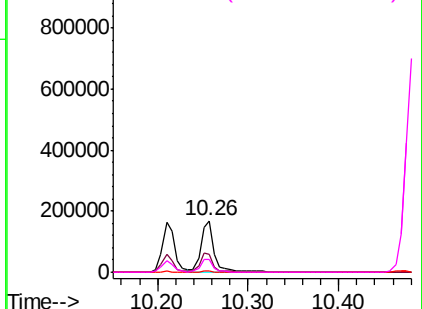
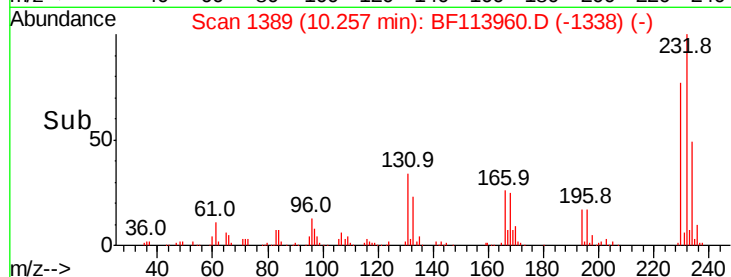
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.521 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:232 Resp: 174182
 Ion Ratio Lower Upper
 232 100
 131 35.9 30.2 45.2
 130 1.7 1.5 2.3
 166 26.5 22.2 33.4

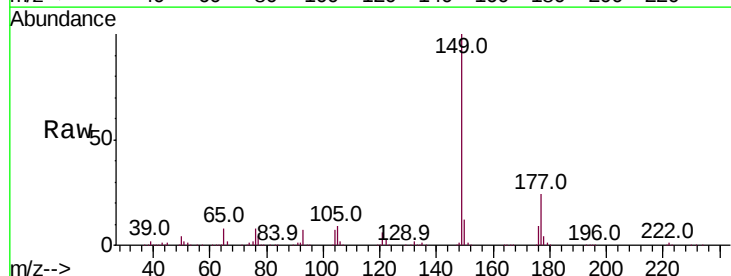


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

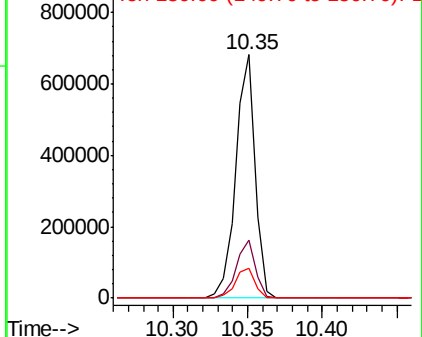
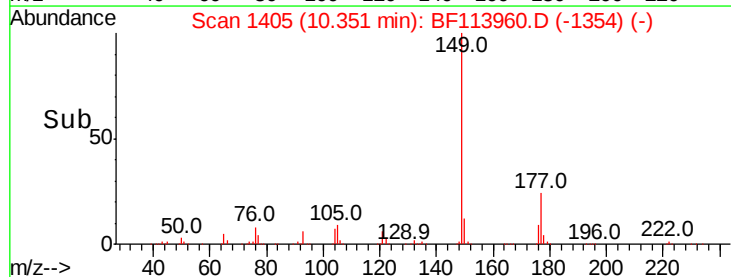


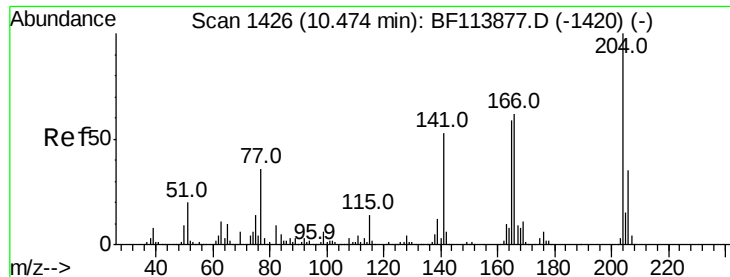
#60
 Diethylphthalate
 Concen: 36.442 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:149 Resp: 621119
 Ion Ratio Lower Upper
 149 100
 177 24.1 19.2 28.8
 150 12.3 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

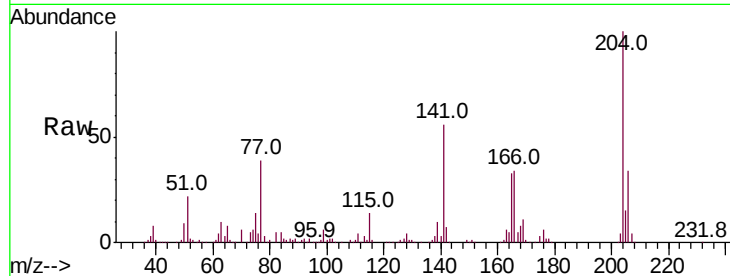




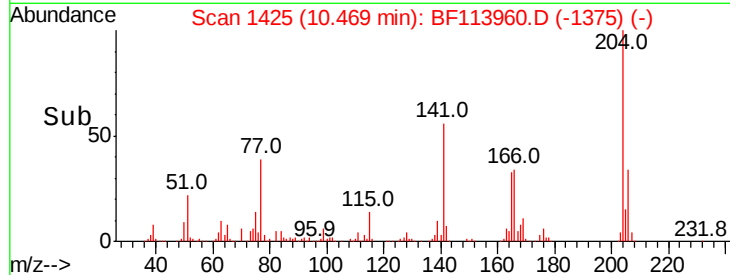
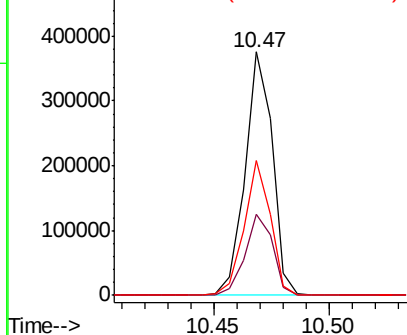
#61
 4-Chlorophenyl-phenylether
 Concen: 36.391 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Instrument :
 BNA_F
 ClientSampled :
 TP-1MSD

Tot Ion:204 Resp: 310025
 Ion Ratio Lower Upper
 204 100
 206 33.5 27.4 41.2
 141 55.6 42.6 63.8

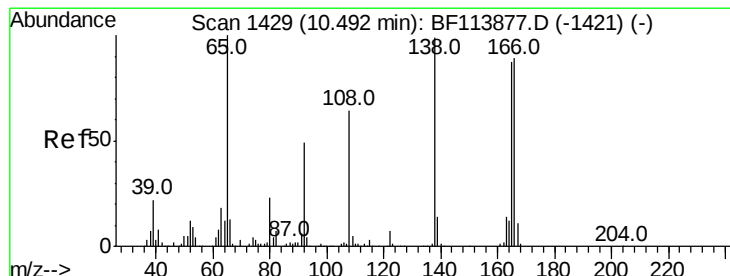


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

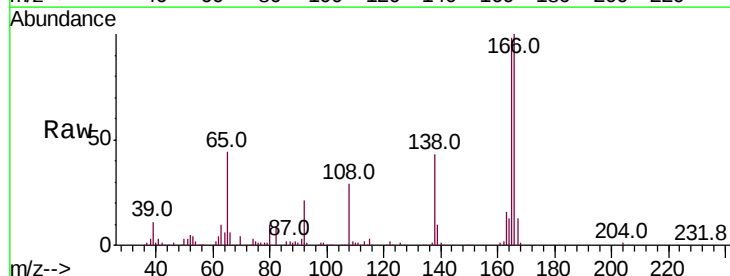
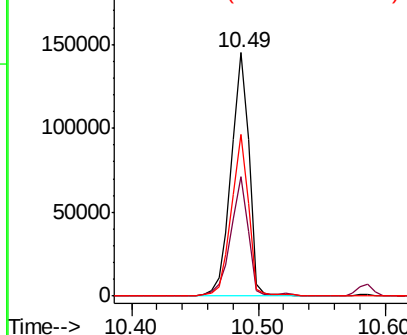


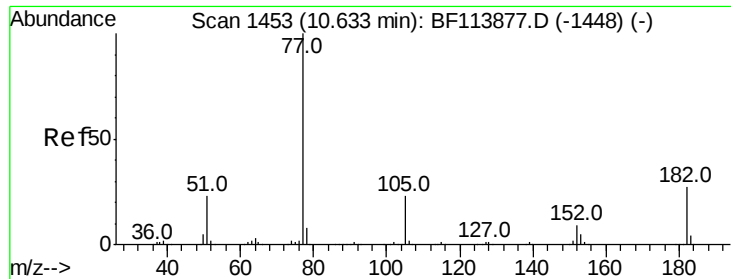
#62
 4-Nitroaniline
 Concen: 35.650 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:138 Resp: 140769
 Ion Ratio Lower Upper
 138 100
 92 49.2 31.3 71.3
 108 66.5 48.9 88.9



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

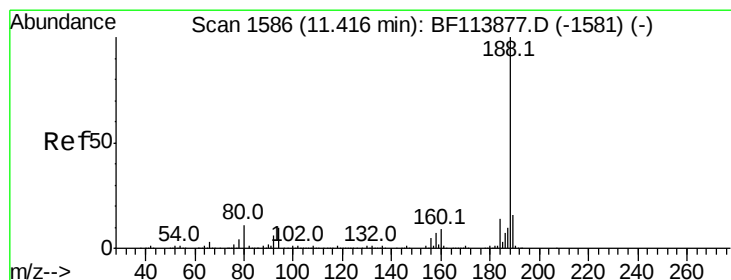
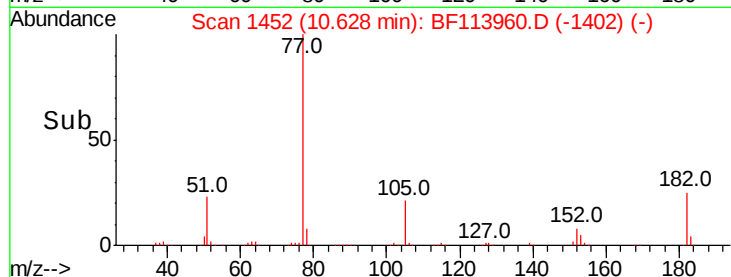
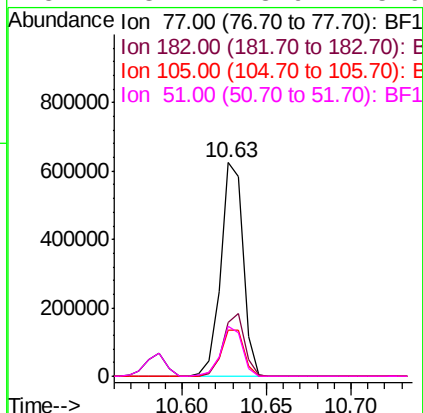
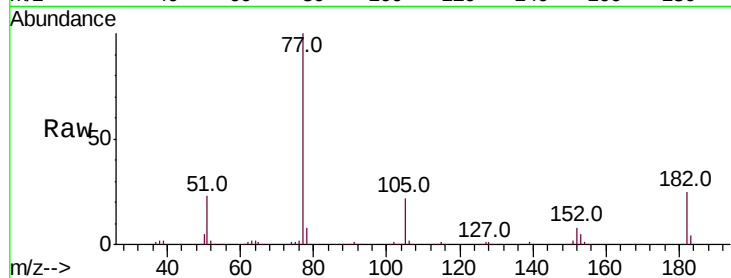




#63
Azobenzene
Concen: 34.933 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

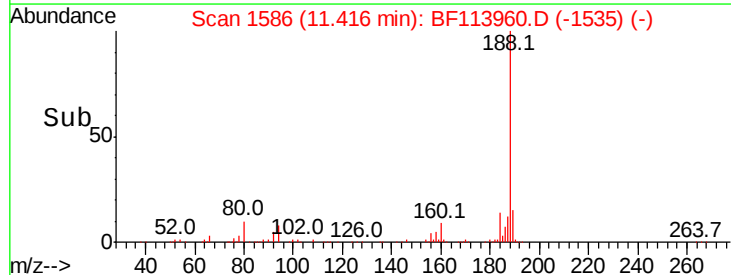
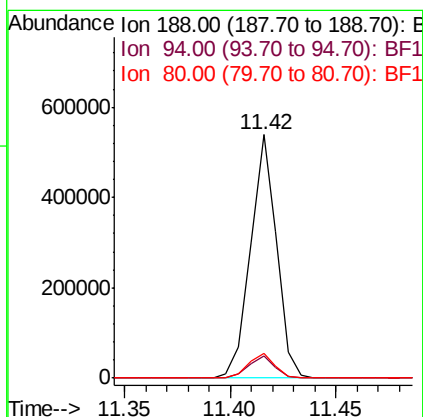
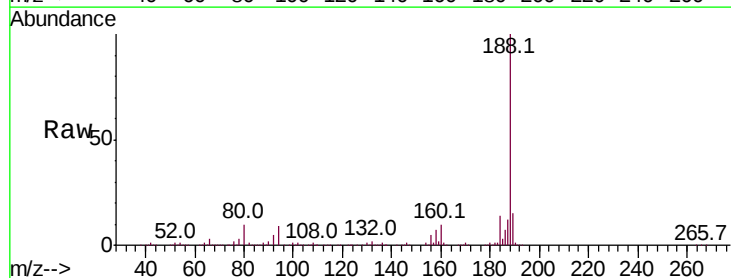
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

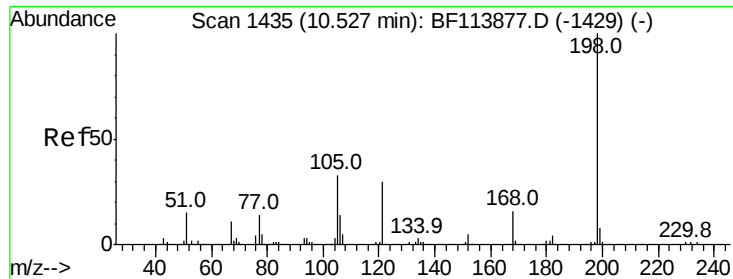
Tot Ion: 77 Resp: 577059
Ion Ratio Lower Upper
77 100
182 25.1 4.4 44.4
105 21.6 2.2 42.2
51 23.4 3.9 43.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion: 188 Resp: 460626
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.4
80 10.2 9.0 13.6

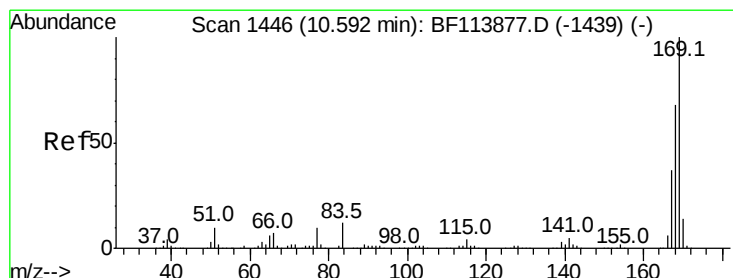
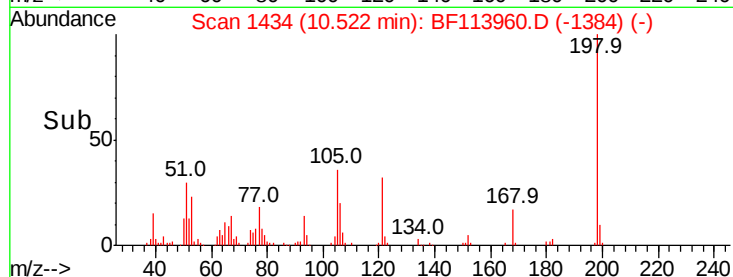
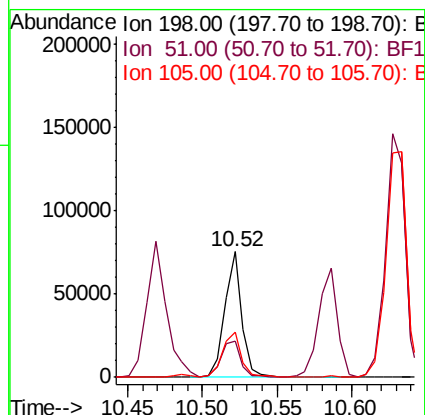
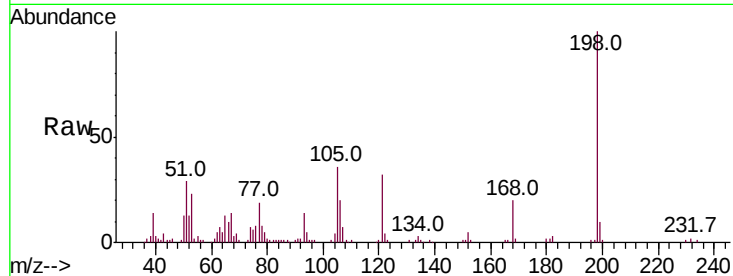




#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.978 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

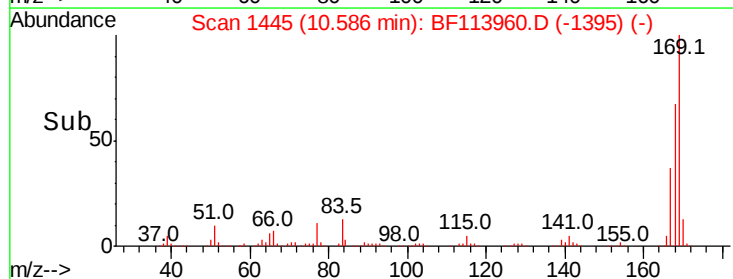
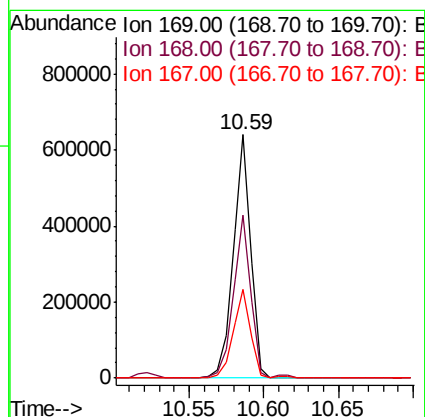
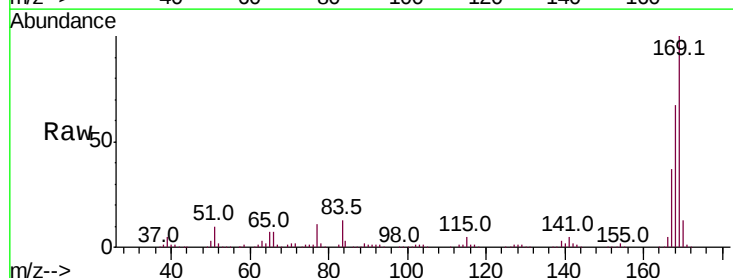
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

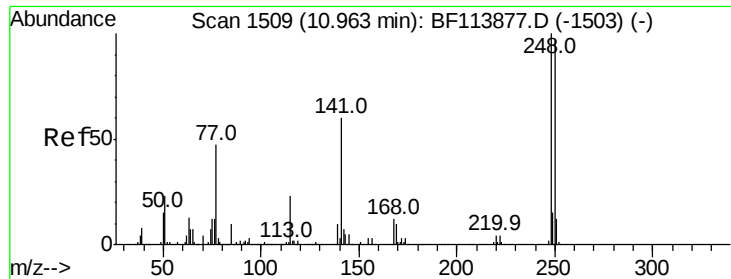
Tot Ion:198 Resp: 61439
 Ion Ratio Lower Upper
 198 100
 51 29.3 11.1 51.1
 105 36.2 20.7 60.7



#66
 n-Nitrosodiphenylamine
 Concen: 38.368 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:169 Resp: 530297
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.3 81.5
 167 36.6 29.4 44.0

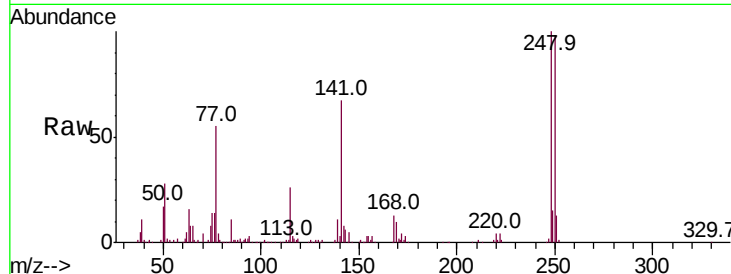




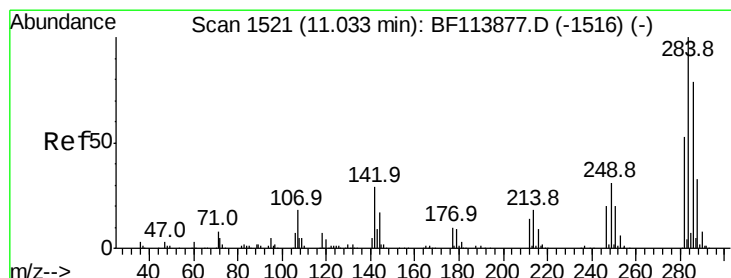
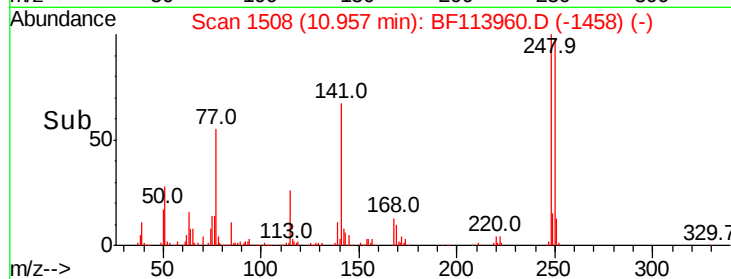
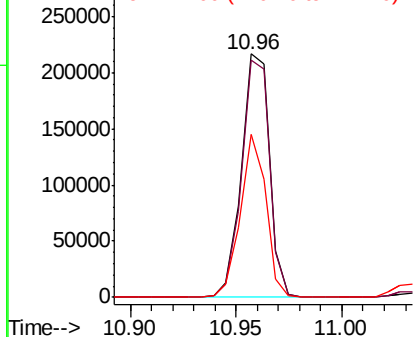
#67
4-Bromophenyl-phenylether
Concen: 35.861 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tot Ion:248 Resp: 199550
Ion Ratio Lower Upper
248 100
250 97.6 75.8 113.6
141 67.0 50.2 75.4

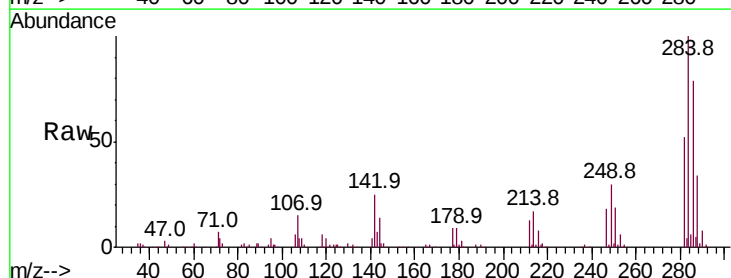


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

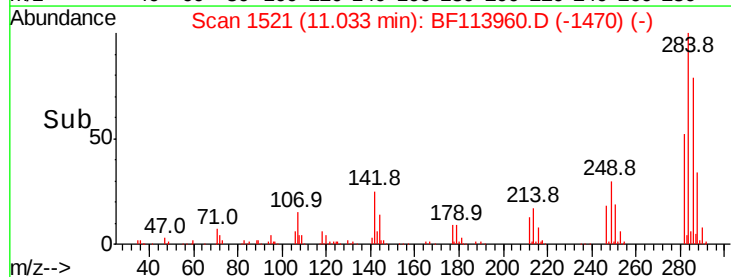
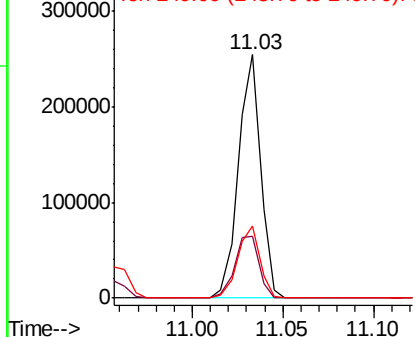


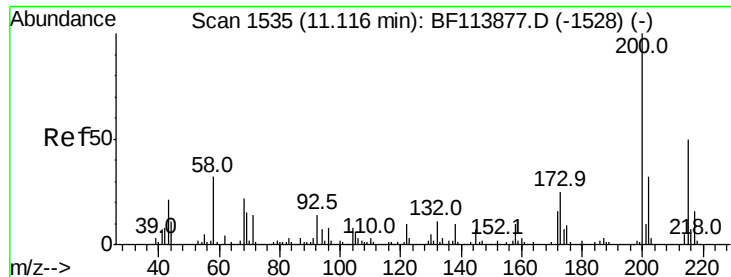
#68
Hexachlorobenzene
Concen: 35.519 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion:284 Resp: 217196
Ion Ratio Lower Upper
284 100
142 25.4 23.0 34.4
249 29.7 24.4 36.6



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

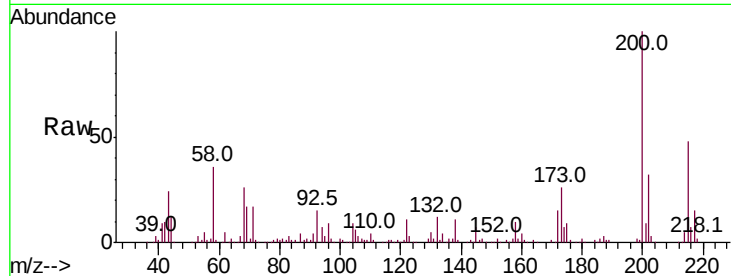




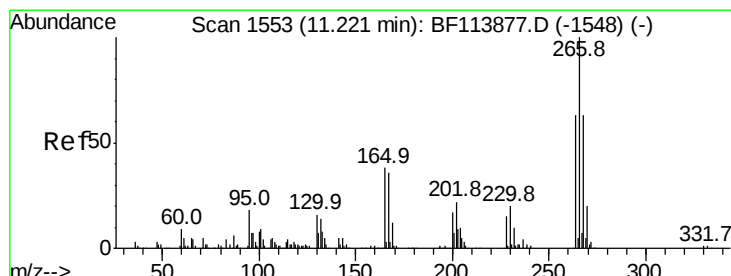
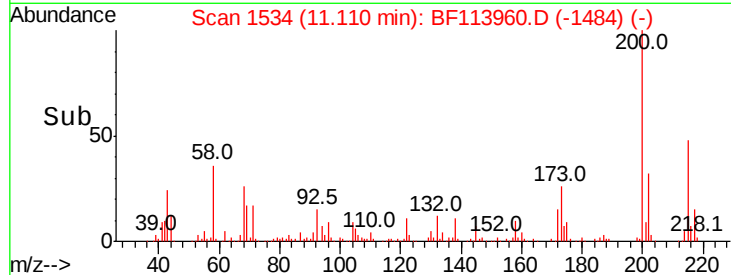
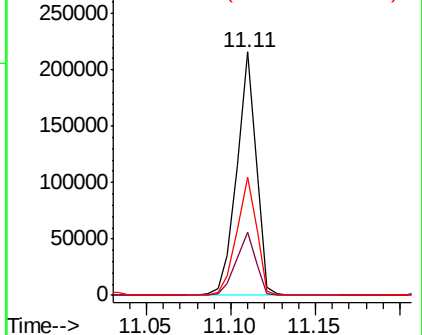
#69
 Atrazine
 Concen: 38.395 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Tot Ion:200 Resp: 172627
 Ion Ratio Lower Upper
 200 100
 173 25.7 5.9 45.9
 215 48.3 29.3 69.3

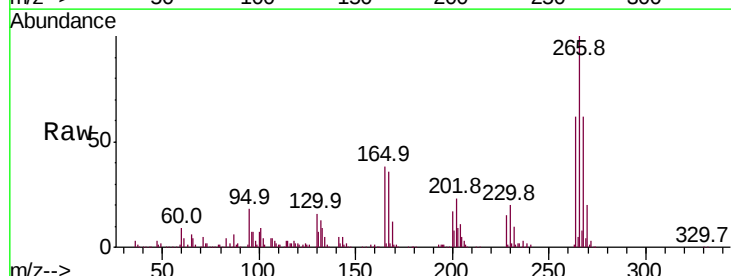


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

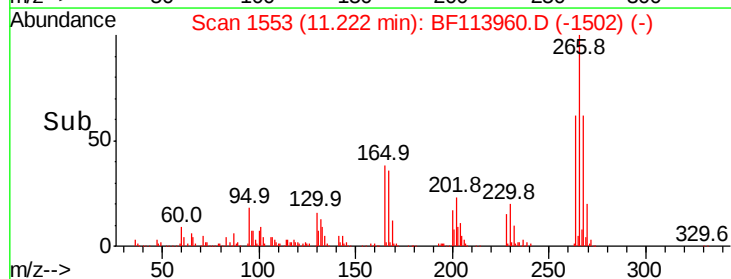
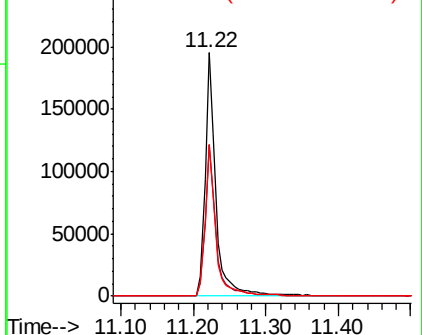


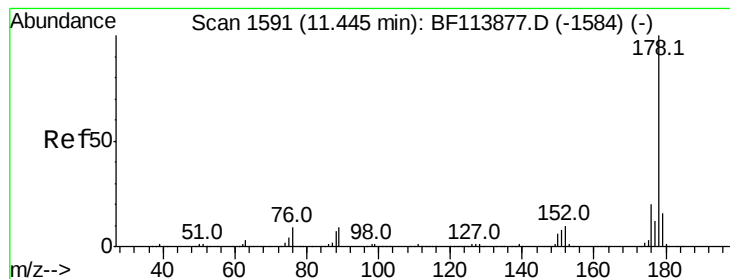
#70
 Pentachlorophenol
 Concen: 58.516 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:266 Resp: 202593
 Ion Ratio Lower Upper
 266 100
 268 62.2 53.5 80.3
 264 62.1 51.0 76.6



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.305 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

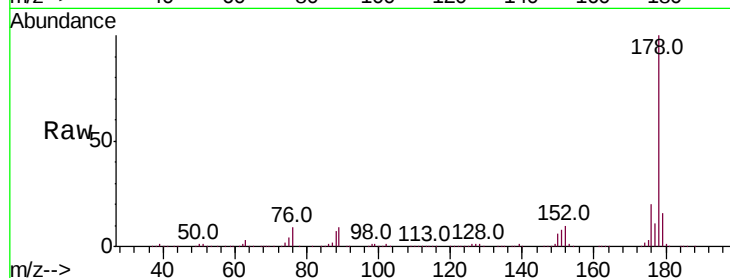
Tot Ion:178 Resp: 863588

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

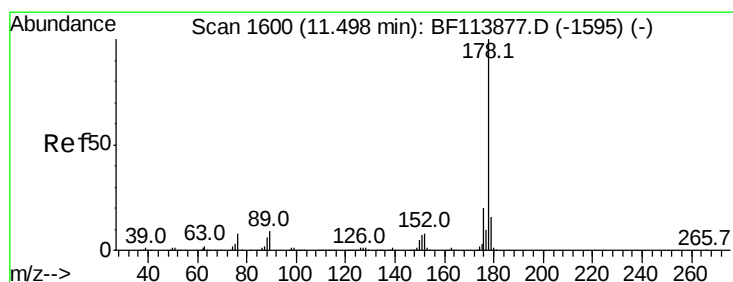
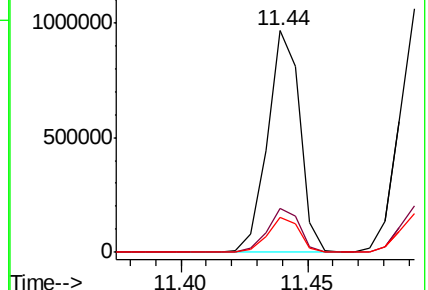
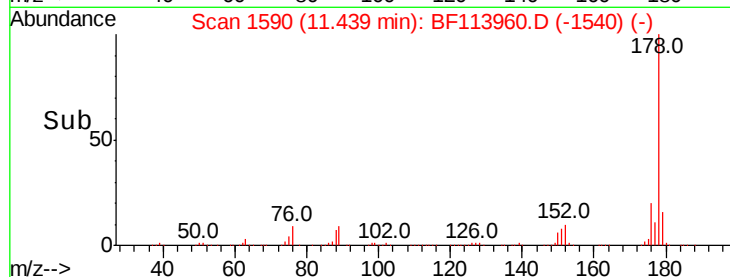
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.974 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

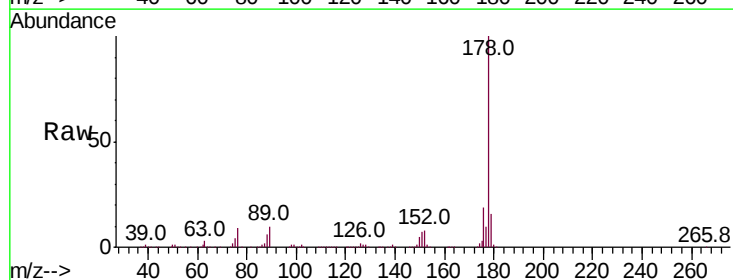
Tgt Ion:178 Resp: 887699

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

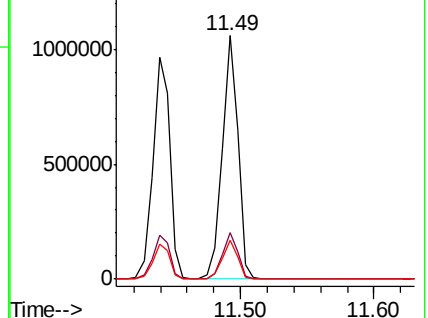
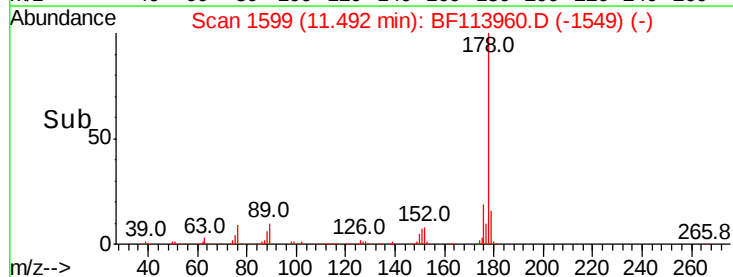
179 15.8 13.0 19.4

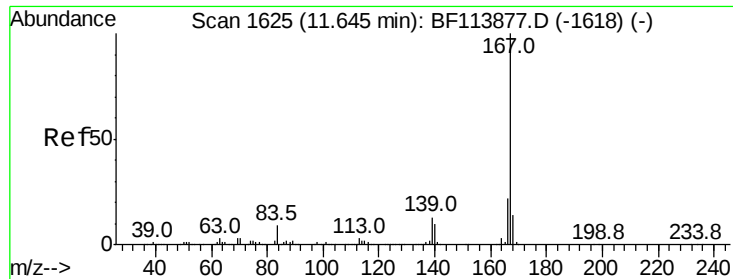


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

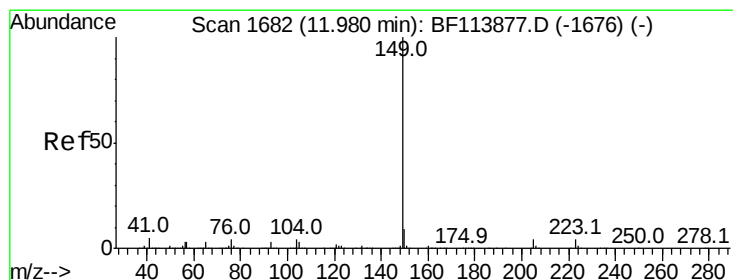
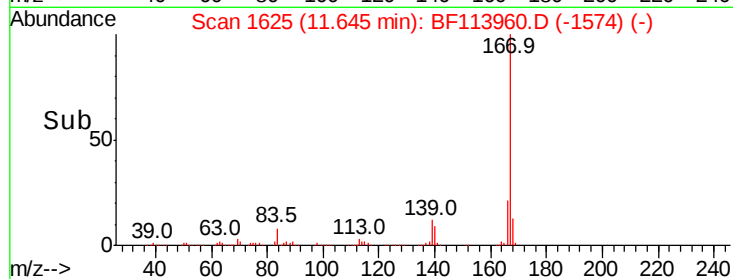
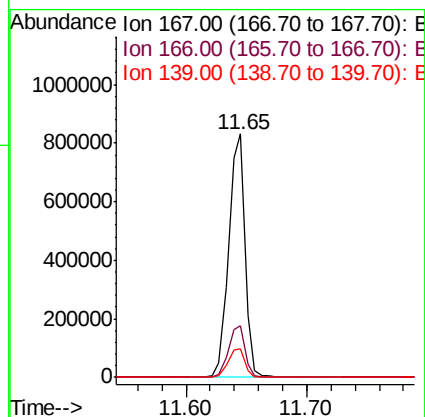
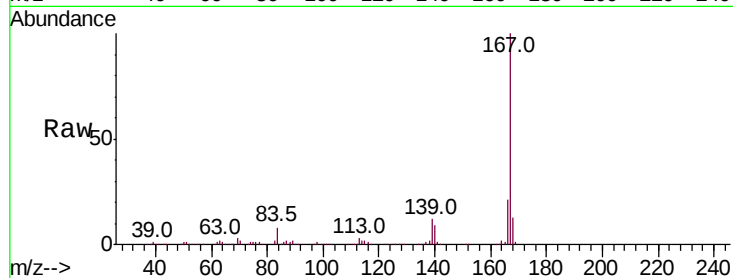




#73
 Carbazole
 Concen: 37.243 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

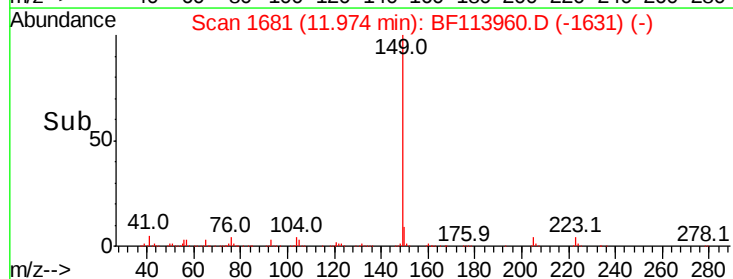
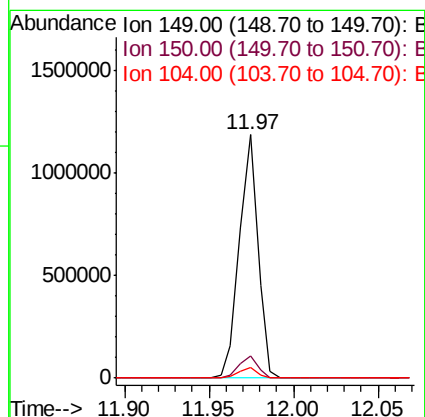
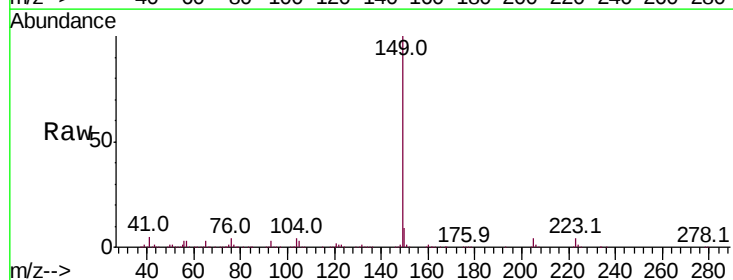
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

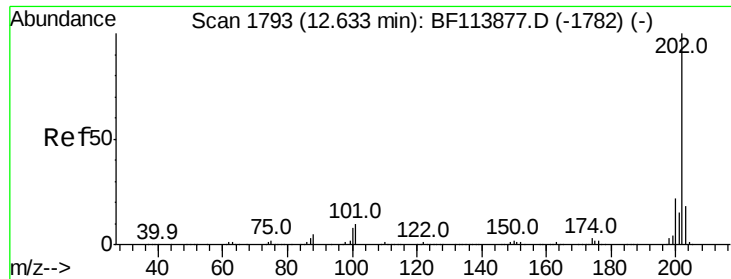
Tot Ion:167 Resp: 776712
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.7 26.5
 139 11.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 37.241 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion:149 Resp: 913634
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.5 3.8 5.8

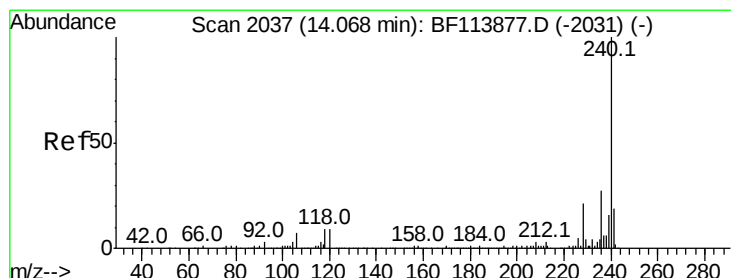
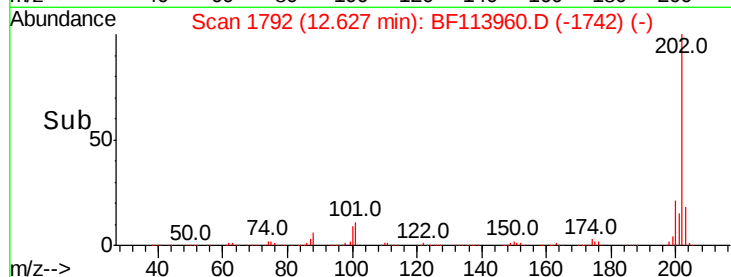
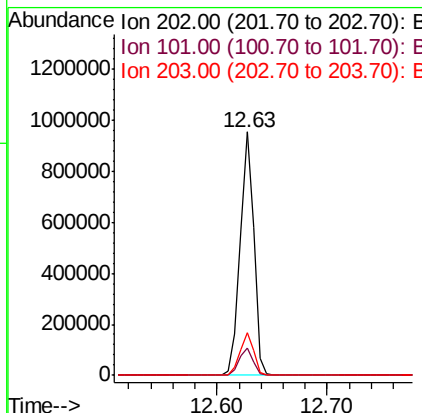
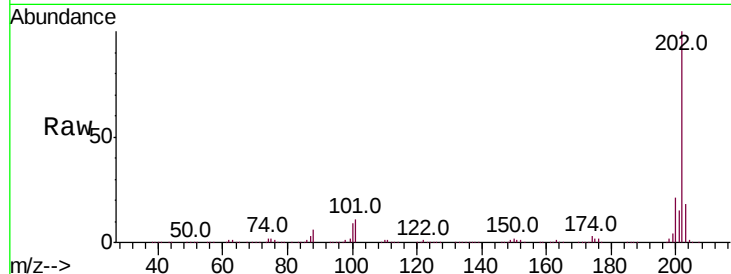




#75
 Fluoranthene
 Concen: 33.213 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

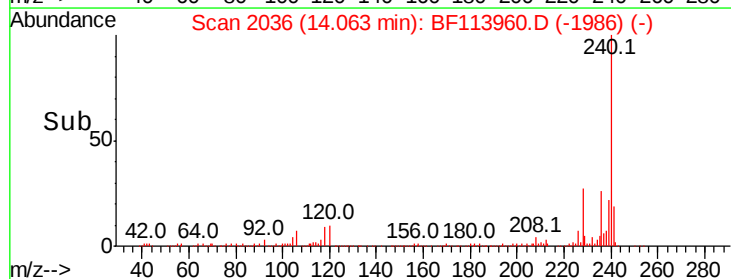
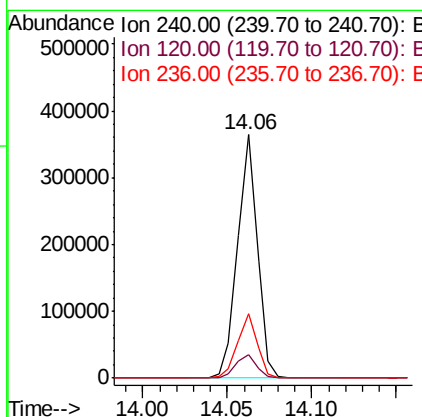
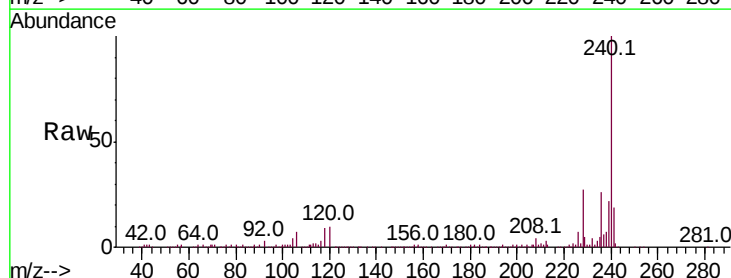
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

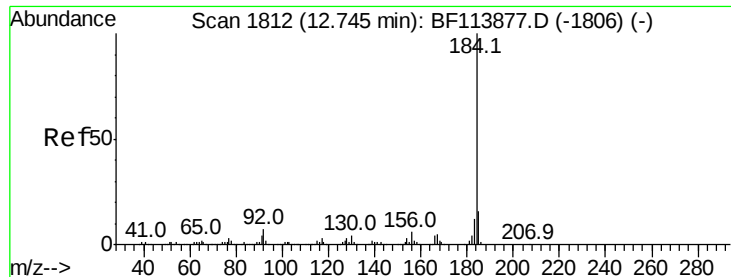
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.9
203	17.7	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF113960.D
 Acq: 24 Apr 2019 14:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.3	13.9
236	26.4	21.2	31.8





#77

Benzidine

Concen: 21.815 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

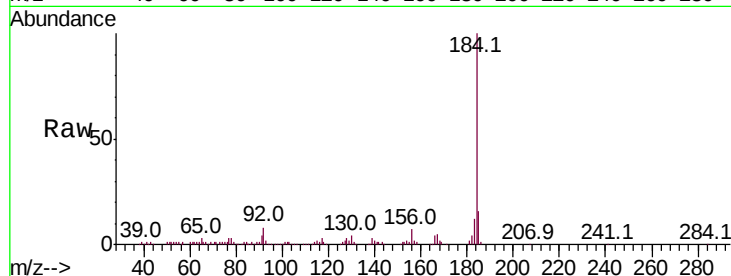
Tot Ion:184 Resp: 193631

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.6

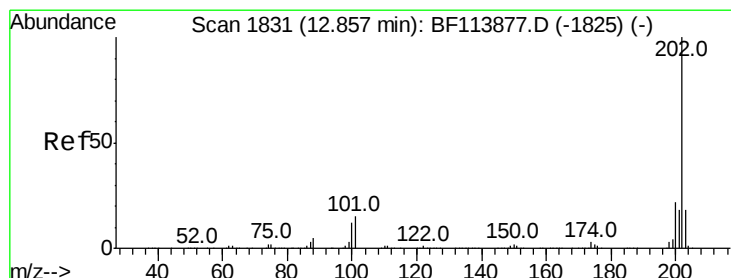
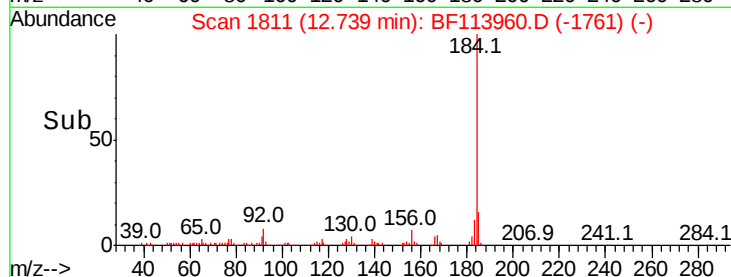
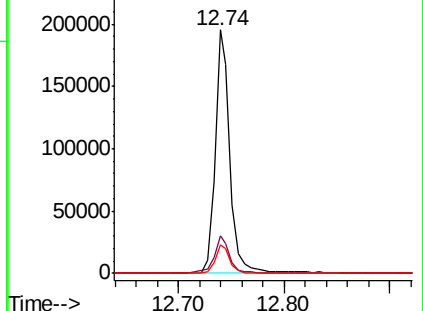
183 11.7 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.851 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

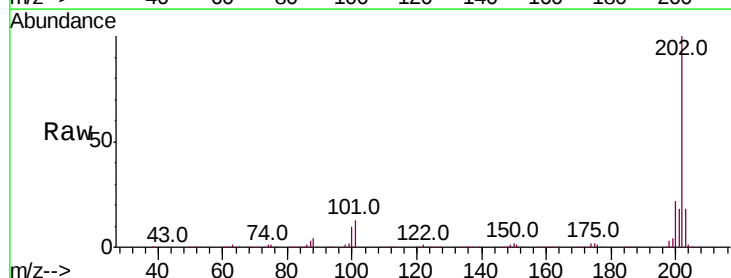
Tgt Ion:202 Resp: 809369

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

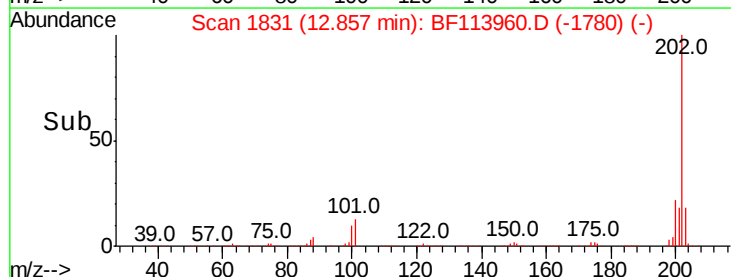
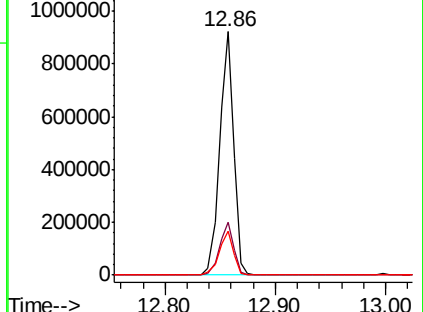
203 17.8 15.0 22.6

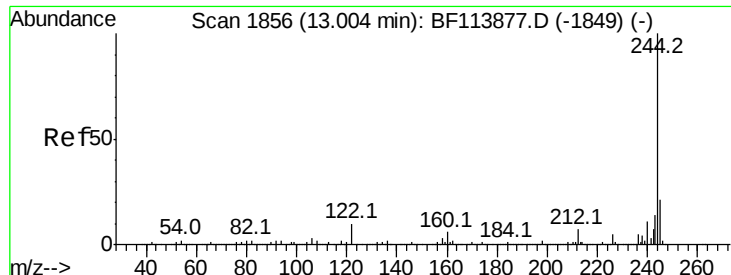


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.818 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

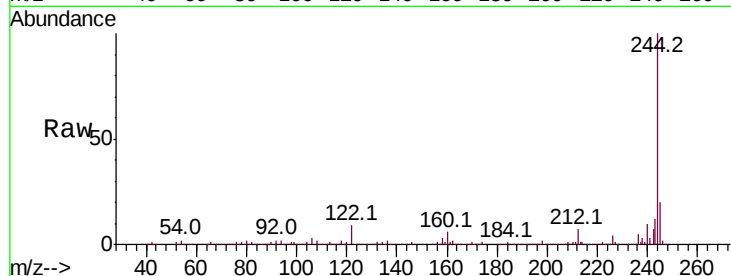
Tot Ion:244 Resp: 1130752

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

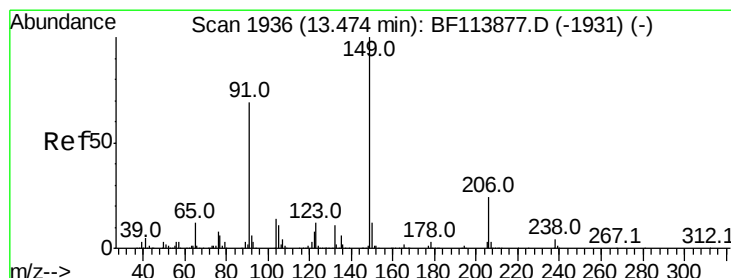
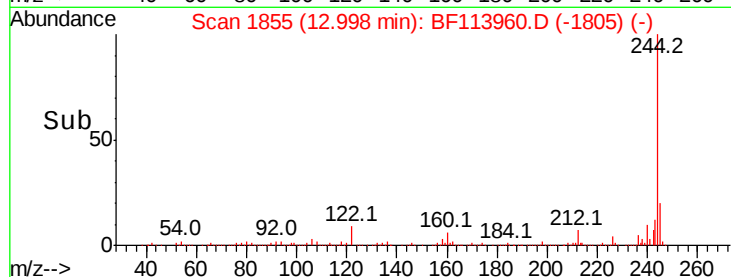
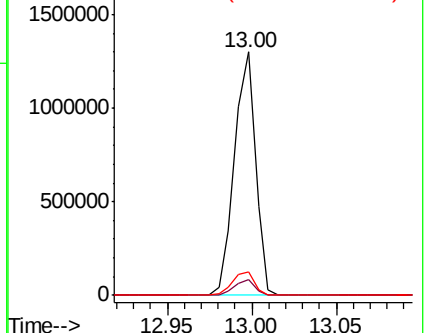
122 9.4 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.854 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

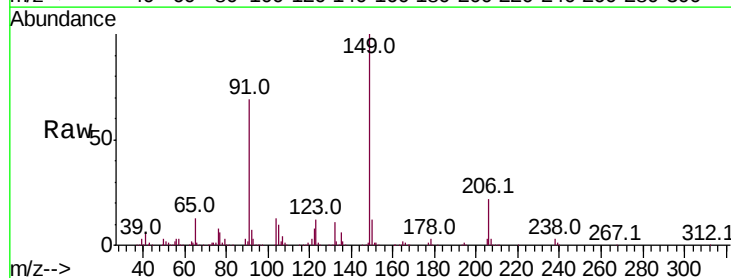
Tgt Ion:149 Resp: 326663

Ion Ratio Lower Upper

149 100

91 68.6 56.3 84.5

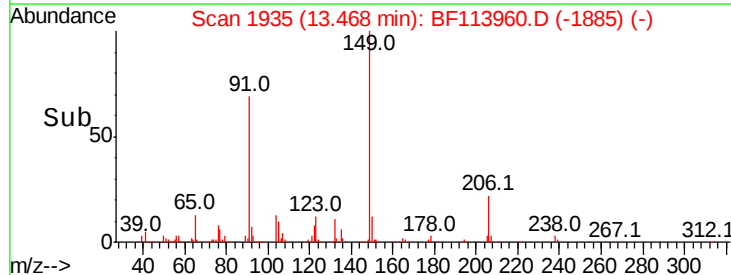
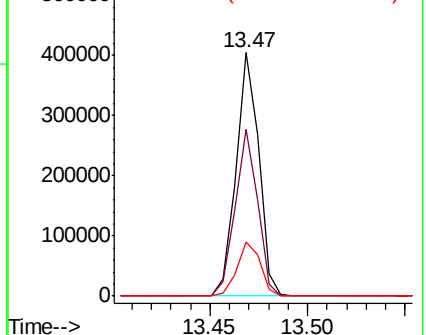
206 22.3 19.0 28.6

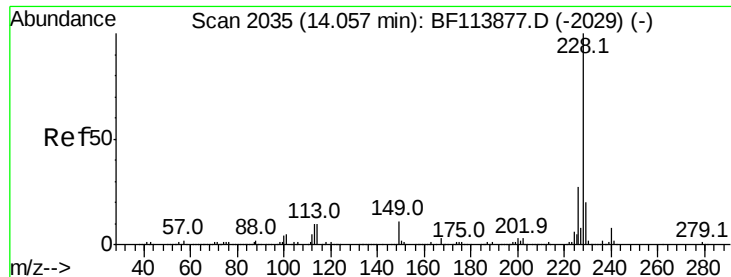


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.171 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

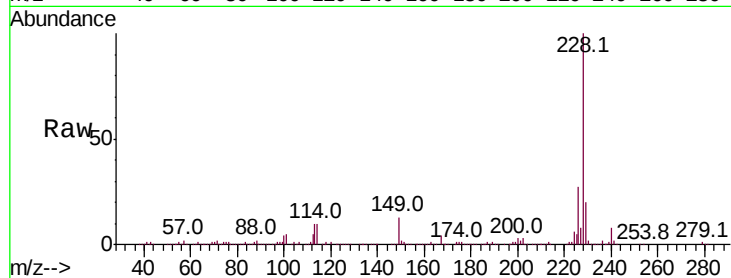
Tot Ion:228 Resp: 652418

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

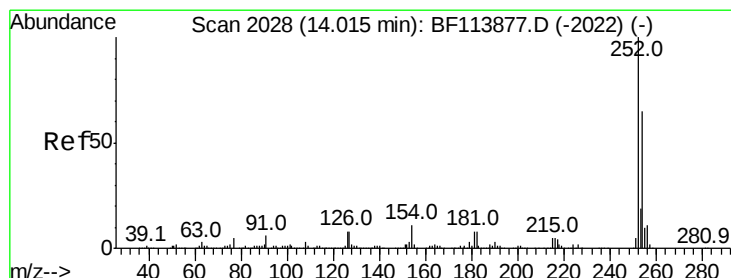
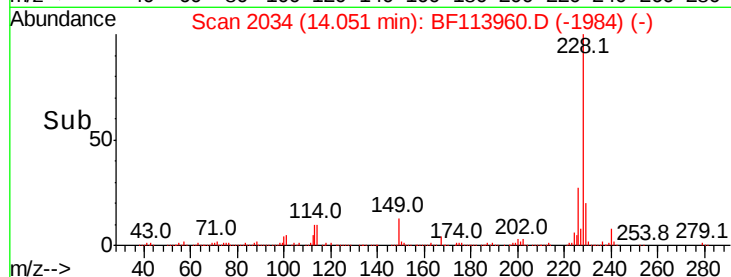
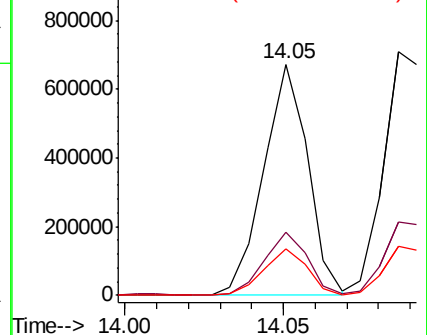
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.187 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

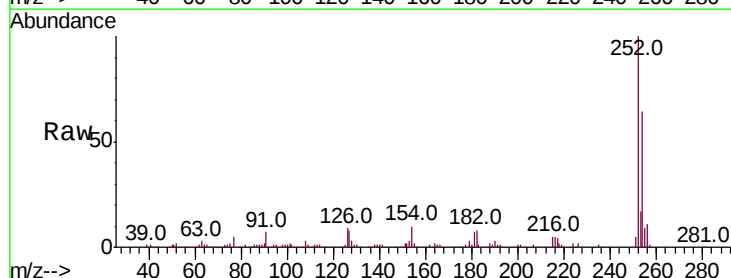
Tgt Ion:252 Resp: 213502

Ion Ratio Lower Upper

252 100

254 64.0 52.1 78.1

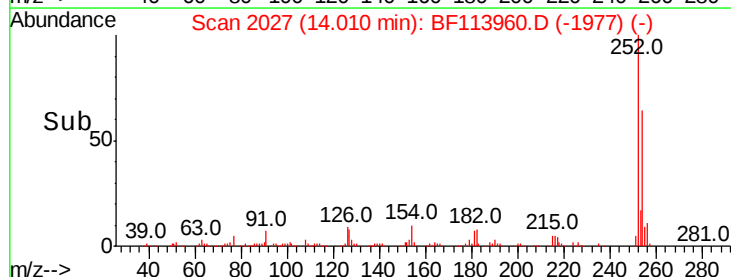
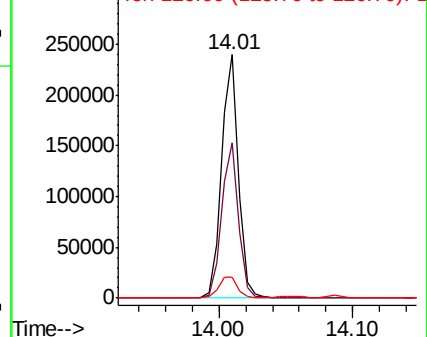
126 8.7 9.3 13.9#

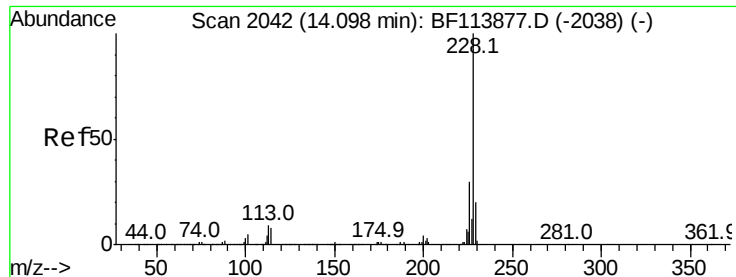


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.715 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

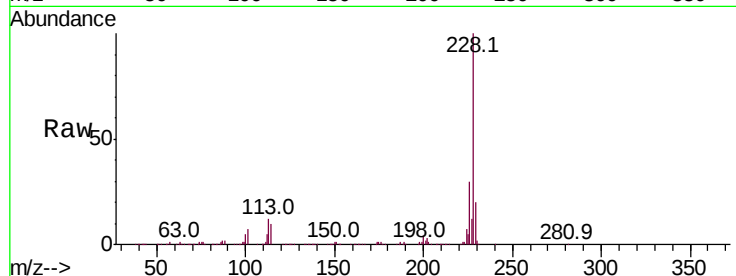
Tot Ion:228 Resp: 661780

Ion Ratio Lower Upper

228 100

226 30.4 25.2 37.8

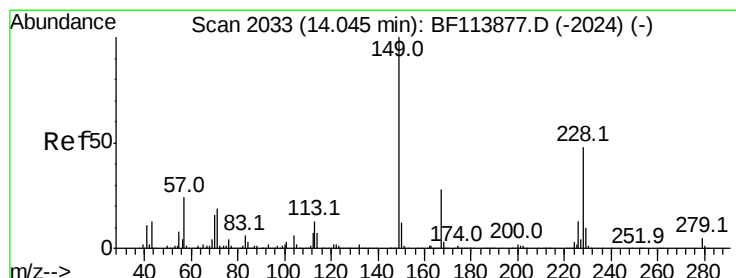
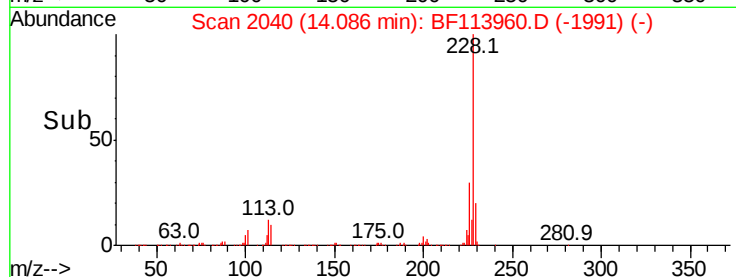
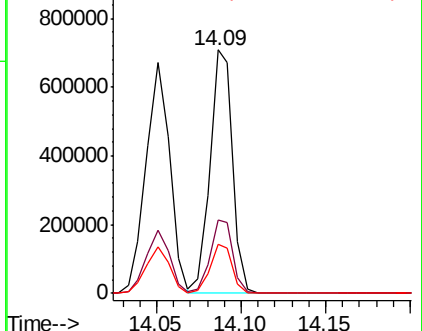
229 20.1 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.353 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

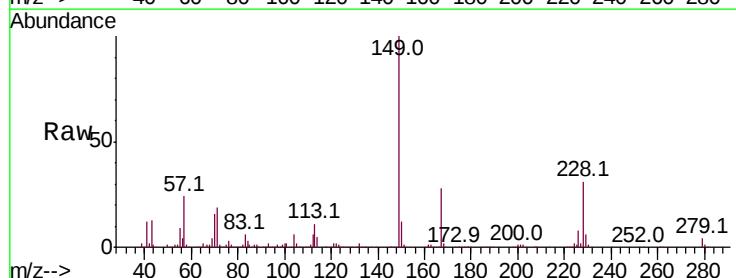
Tgt Ion:149 Resp: 431250

Ion Ratio Lower Upper

149 100

167 28.0 22.9 34.3

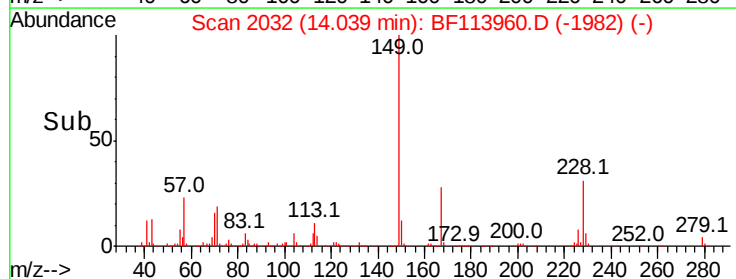
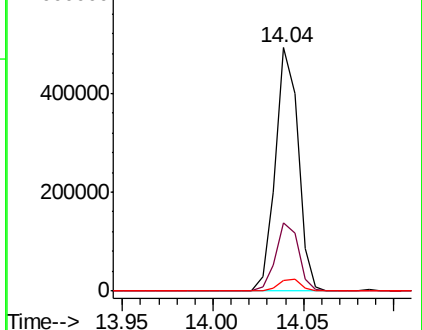
279 4.3 4.2 6.2

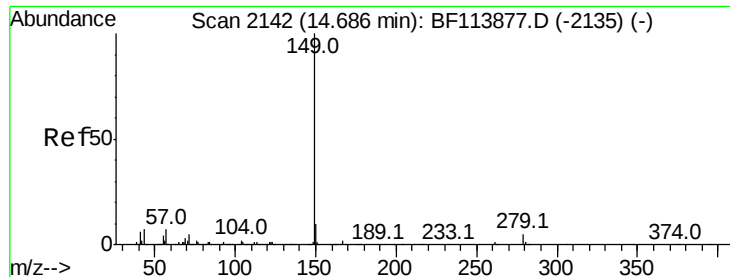


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

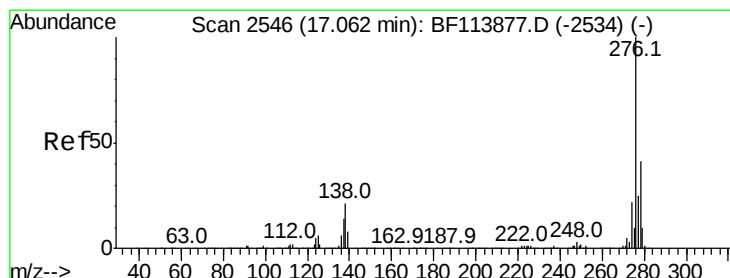
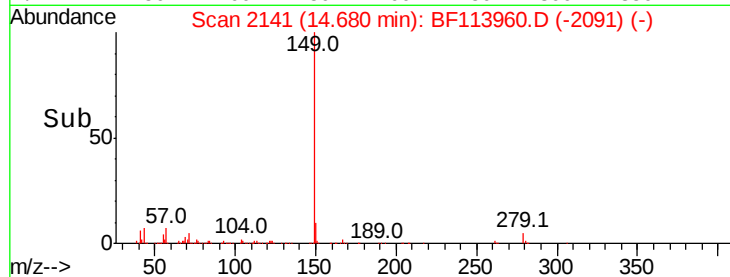
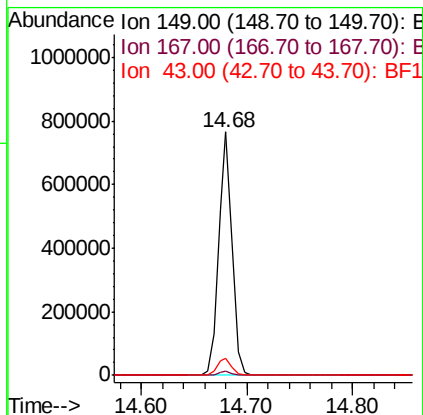
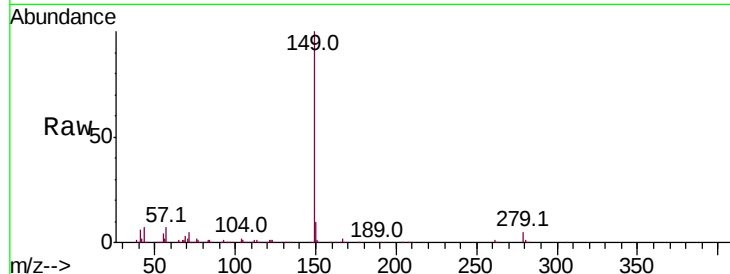




#85
Di-n-octyl phthalate
Concen: 42.028 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

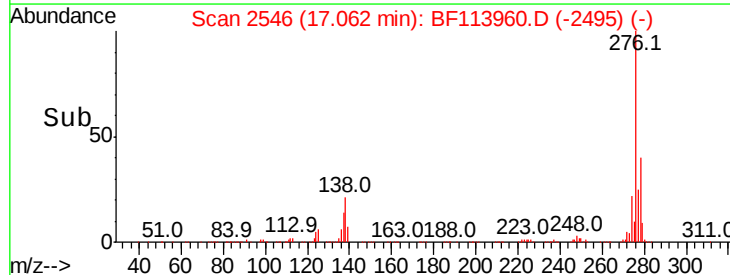
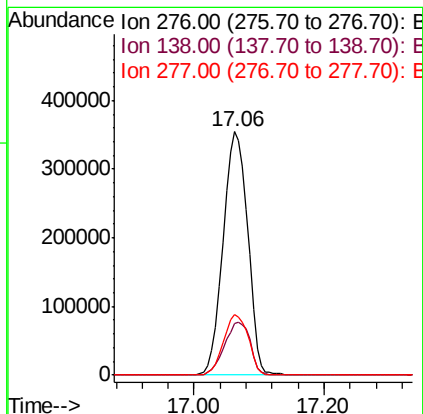
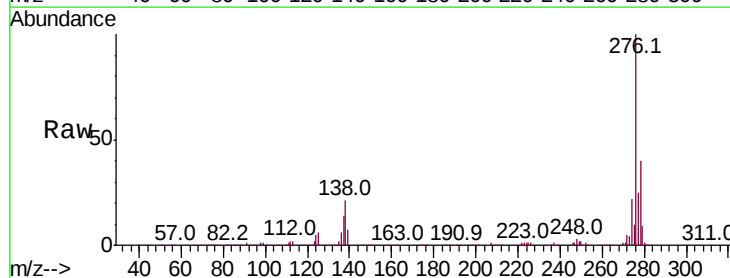
Instrument :
BNA_F
ClientSampled :
TP-1MSD

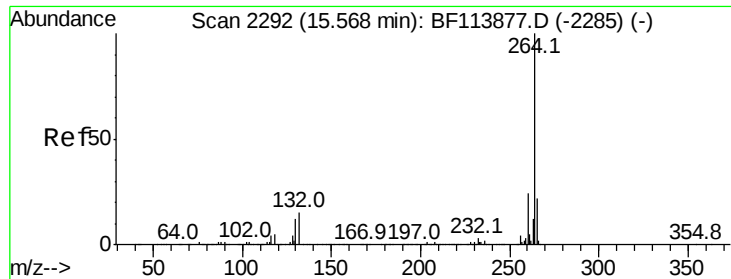
Tot Ion:149 Resp: 686032
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 57.428 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion:276 Resp: 929850
Ion Ratio Lower Upper
276 100
138 22.6 19.6 29.4
277 25.2 20.2 30.4

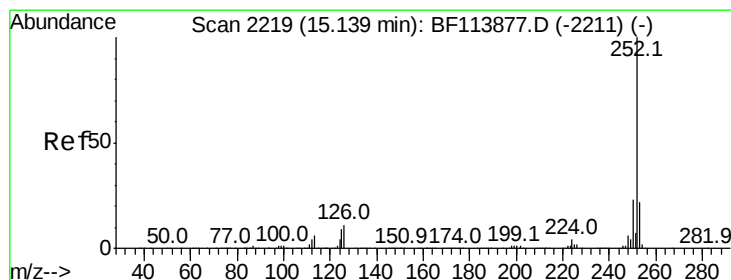
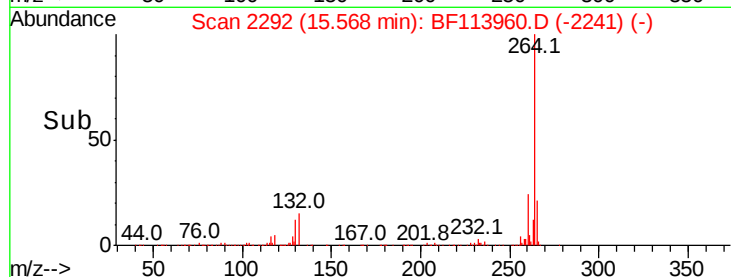
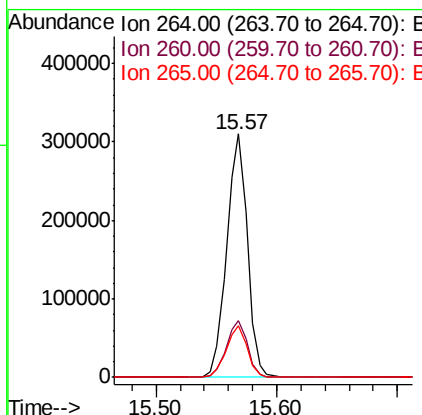
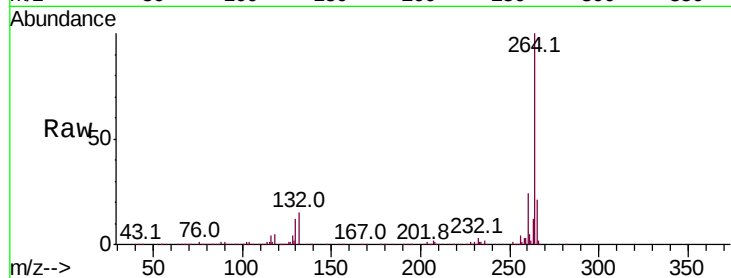




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

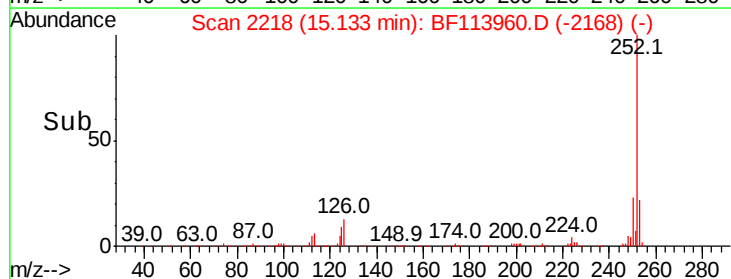
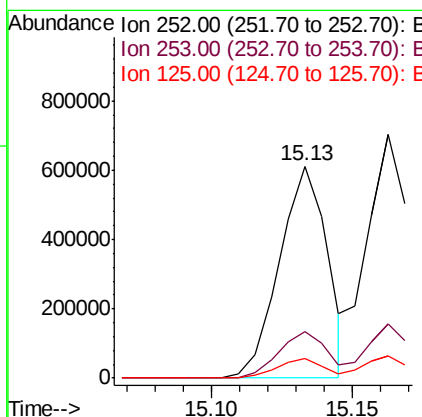
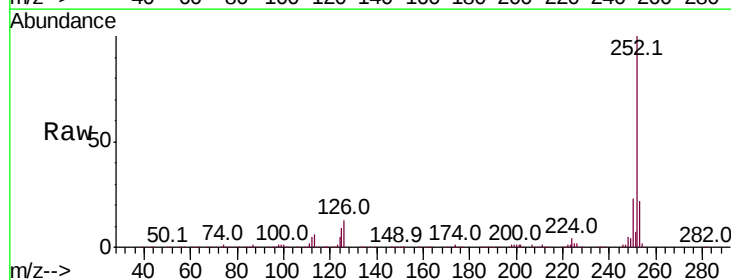
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

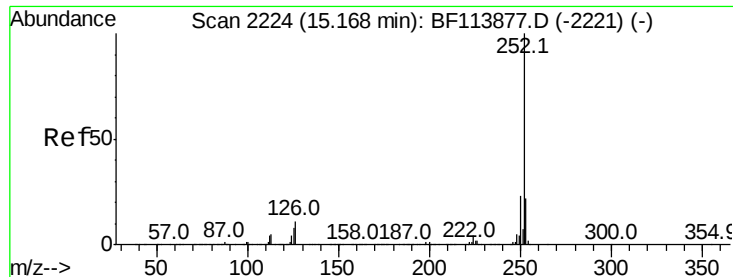
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.4	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 30.920 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.4	7.0	10.6

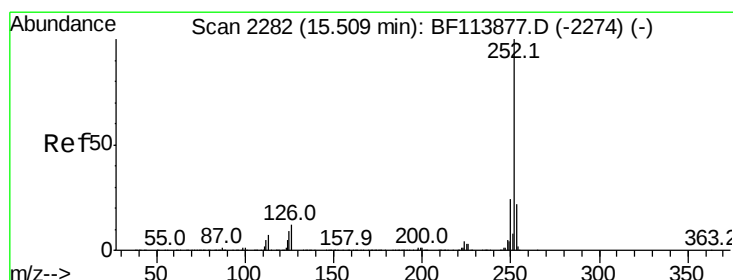
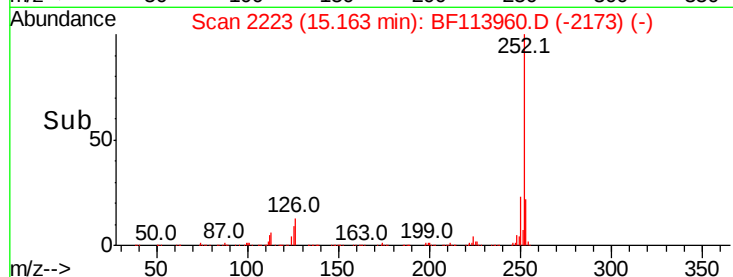
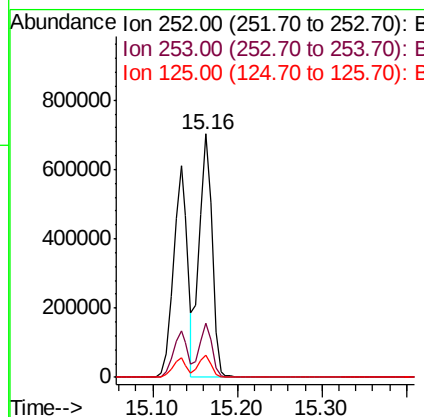
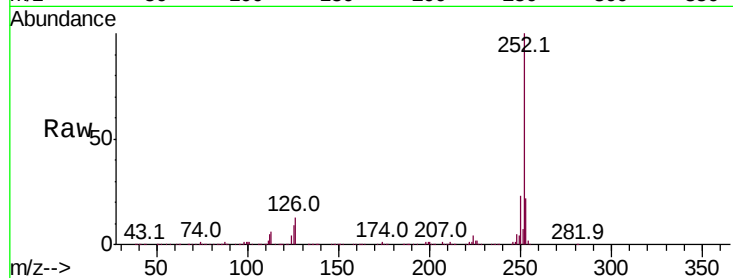




#89
Benzo(k)fluoranthene
Concen: 36.243 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

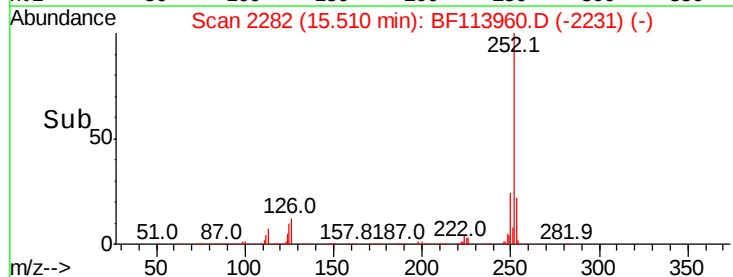
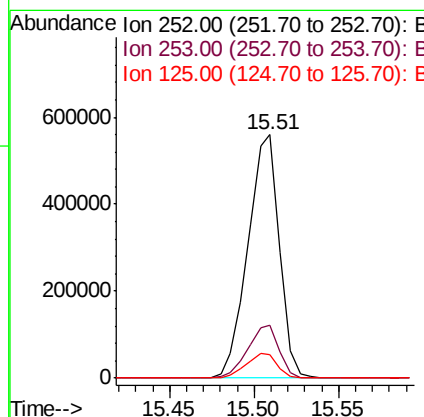
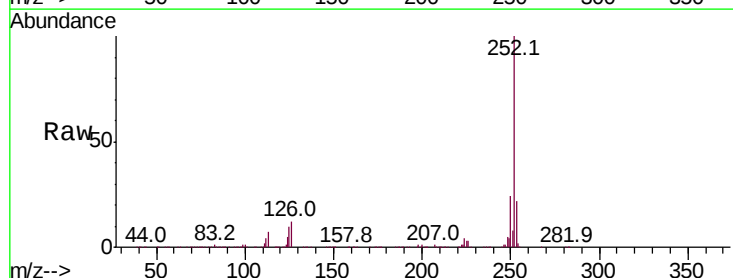
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

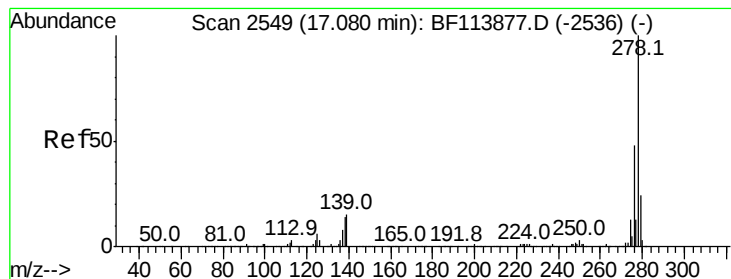
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.2	7.4	11.2



#90
Benzo(a)pyrene
Concen: 36.185 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF113960.D
Acq: 24 Apr 2019 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.6	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 41.378 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

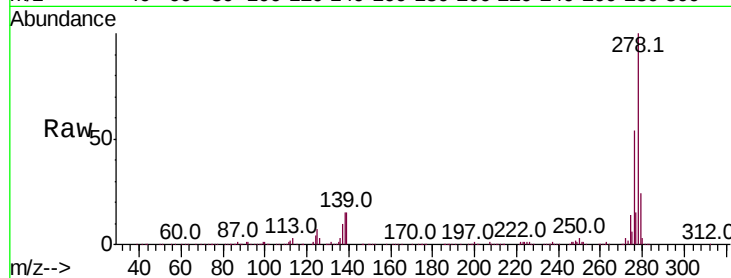
Tot Ion:278 Resp: 781459

Ion Ratio Lower Upper

278 100

139 14.9 11.6 17.4

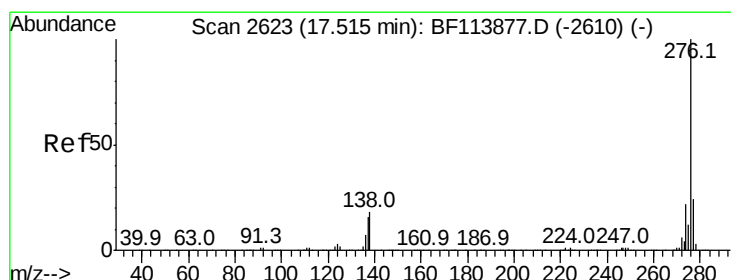
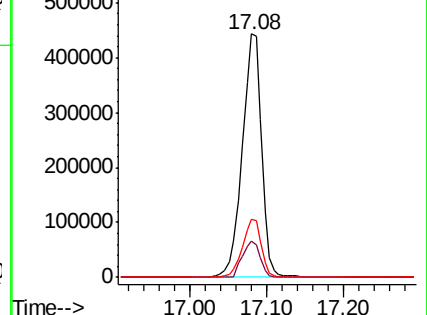
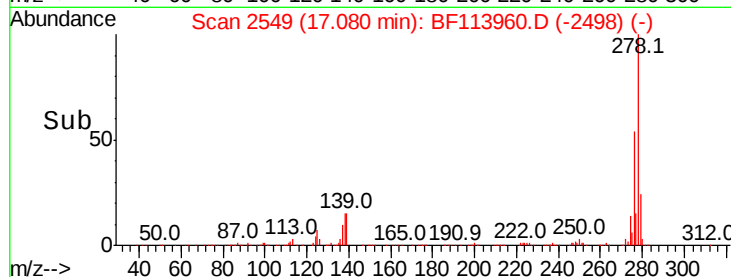
279 24.1 19.0 28.6



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(g,h,i)perylene

Concen: 41.201 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF113960.D

Acq: 24 Apr 2019 14:44

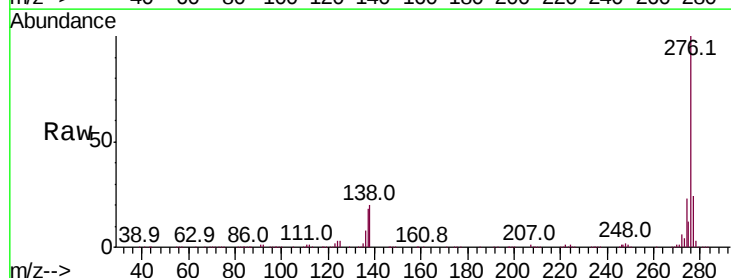
Tgt Ion:276 Resp: 785249

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 19.7 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

