

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113503.D
 Acq On : 2 Apr 2019 14:02
 Operator : JU/SJ
 Sample : K2040-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Quant Time: Apr 03 01:09:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	150555	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	562059	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	278803	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	567292	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	388364	20.00	ng	-0.01
87) Perylene-d12	15.23	264	366416	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1086372	117.99	ng	0.00
7) Phenol-d6	6.35	99	1398256	120.04	ng	0.00
23) Nitrobenzene-d5	7.26	82	862353	91.07	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	427760	124.21	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1573620	89.37	ng	-0.01
79) Terphenyl-d14	12.79	244	1682539	95.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	154041	32.974	ng	98
3) Pyridine	3.10	79	401879	34.895	ng	98
4) n-Nitrosodimethylamine	3.03	42	194200	37.931	ng	92
6) Aniline	6.36	93	228227	16.090	ng	# 1
8) 2-Chlorophenol	6.49	128	408093	38.167	ng	98
9) Benzaldehyde	6.24	77	107882	13.802	ng	98
10) Phenol	6.36	94	511422	38.459	ng	80
11) bis(2-Chloroethyl)ether	6.43	93	394021	38.655	ng	100
12) 1,3-Dichlorobenzene	6.63	146	437970	38.000	ng	99
13) 1,4-Dichlorobenzene	6.71	146	444799	39.970	ng	98
14) 1,2-Dichlorobenzene	6.86	146	413396	37.759	ng	99
15) Benzyl Alcohol	6.85	79	322961	42.028	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	613114	40.039	ng	84
17) 2-Methylphenol	6.96	107	332097	39.632	ng	98
18) Hexachloroethane	7.20	117	159107	39.806	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	282034	38.547	ng	99
20) 3+4-Methylphenols	7.12	107	428712	44.451	ng	92
22) Acetophenone	7.10	105	566387	44.187	ng	97
24) Nitrobenzene	7.28	77	428289	43.342	ng	99
25) Isophorone	7.52	82	804565	43.841	ng	100
26) 2-Nitrophenol	7.60	139	231533	44.328	ng	91
27) 2,4-Dimethylphenol	7.65	122	372798	49.617	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	507830	43.942	ng	99
29) 2,4-Dichlorophenol	7.85	162	364426	44.757	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	383026	43.602	ng	97
31) Naphthalene	8.00	128	1199226	43.661	ng	99
32) Benzoic acid	7.75	122	43866	7.253	ng	99
33) 4-Chloroaniline	8.05	127	85927	8.023	ng	98
34) Hexachlorobutadiene	8.12	225	221833	42.487	ng	99
35) Caprolactam	8.42	113	60301	23.076	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	373145	45.564	ng	100
37) 2-Methylnaphthalene	8.69	142	800303	46.697	ng	99
38) 1-Methylnaphthalene	8.79	142	756008	45.862	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	377785	42.213	ng	99

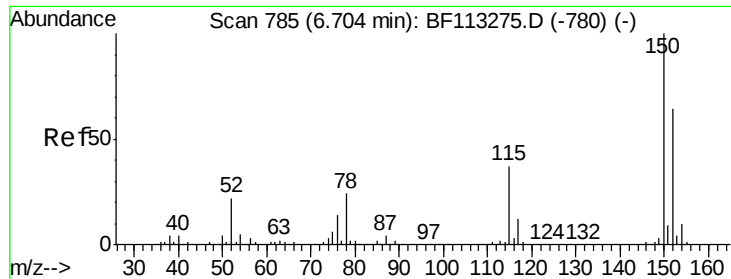
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	267687	70.665	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	258135	44.293	ng	100
44) 2,4,5-Trichlorophenol	9.02	196	275774	42.758	ng	98
46) 1,1'-Biphenyl	9.15	154	980321	42.100	ng	99
47) 2-Chloronaphthalene	9.17	162	758254	42.293	ng	99
48) 2-Nitroaniline	9.27	65	240789	42.797	ng	97
49) Acenaphthylene	9.59	152	1213909	41.875	ng	100
50) Dimethylphthalate	9.45	163	1043225	50.491	ng	99
51) 2,6-Dinitrotoluene	9.52	165	202621	43.470	ng	99
52) Acenaphthene	9.76	154	699793	42.866	ng	99
53) 3-Nitroaniline	9.68	138	112657	21.432	ng	92
54) 2,4-Dinitrophenol	9.80	184	116080	50.071	ng	# 86
55) Dibenzofuran	9.93	168	1048065	42.704	ng	96
56) 4-Nitrophenol	9.87	139	270737	72.244	ng	97
57) 2,4-Dinitrotoluene	9.93	165	253544	42.773	ng	97
58) Fluorene	10.27	166	821635	43.095	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	232163	42.566	ng	98
60) Diethylphthalate	10.15	149	894906	44.152	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	403077	43.378	ng	95
62) 4-Nitroaniline	10.30	138	227170	41.975	ng	98
63) Azobenzene	10.42	77	821046	43.033	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	107278	34.569	ng	99
66) n-Nitrosodiphenylamine	10.39	169	756878	43.480	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	267969	43.340	ng	95
68) Hexachlorobenzene	10.82	284	311725	43.435	ng	# 93
69) Atrazine	10.92	200	246216	44.812	ng	98
70) Pentachlorophenol	11.02	266	242938	64.971	ng	97
71) Phenanthrene	11.23	178	1215869	43.159	ng	100
72) Anthracene	11.28	178	1267188	44.284	ng	100
73) Carbazole	11.44	167	1188516	43.527	ng	99
74) Di-n-butylphthalate	11.77	149	1423169	44.946	ng	100
75) Fluoranthene	12.41	202	1326673	41.657	ng	99
77) Benzidine	12.53	184	208059	13.990	ng	99
78) Pyrene	12.64	202	1315236	48.871	ng	99
80) Butylbenzylphthalate	13.26	149	576263	48.587	ng	97
81) Benzo(a)anthracene	13.83	228	935037	42.061	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	132896	14.902	ng	99
83) Chrysene	13.86	228	984157	43.585	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	726875	49.992	ng	99
85) Di-n-octyl phthalate	14.42	149	1118575	45.323	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1135451	58.592	ng	98
88) Benzo(b)fluoranthene	14.84	252	956851	42.038	ng	99
89) Benzo(k)fluoranthene	14.87	252	835774	41.812	ng	98
90) Benzo(a)pyrene	15.18	252	892981	44.253	ng	99
91) Dibenzo(a,h)anthracene	16.61	278	941662	53.970	ng	99
92) Benzo(g,h,i)perylene	17.01	276	989249	56.231	ng	100

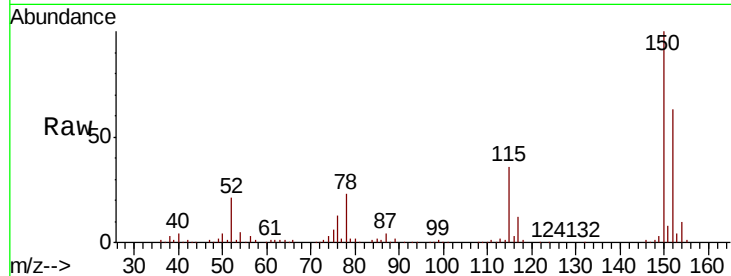
(#) = qualifier out of range (m) = manual integration (+) = signals summed



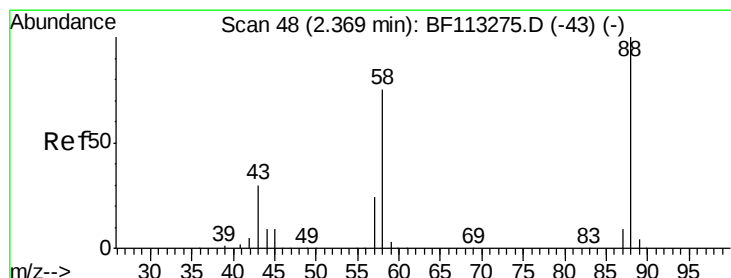
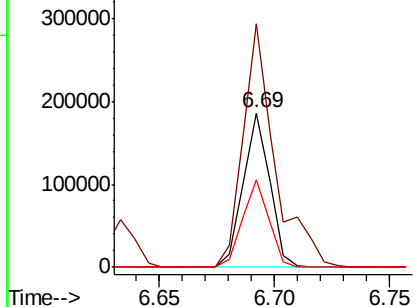
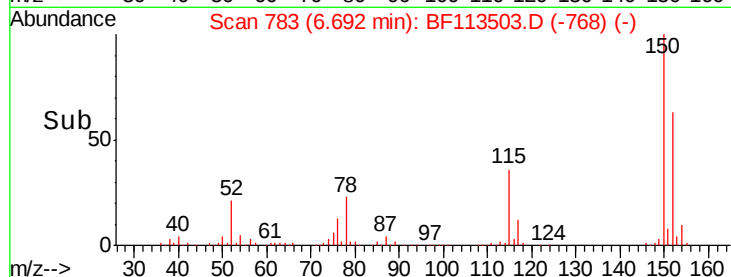
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:152 Resp: 150555
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.7 187.1
 115 56.6 46.0 69.0

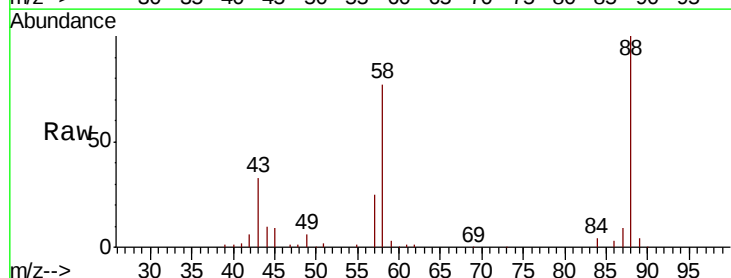


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

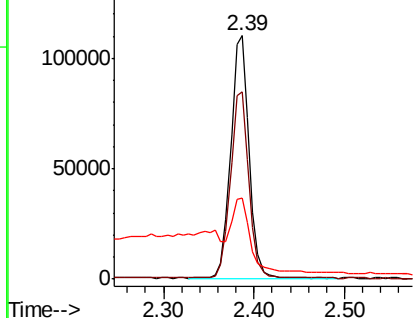
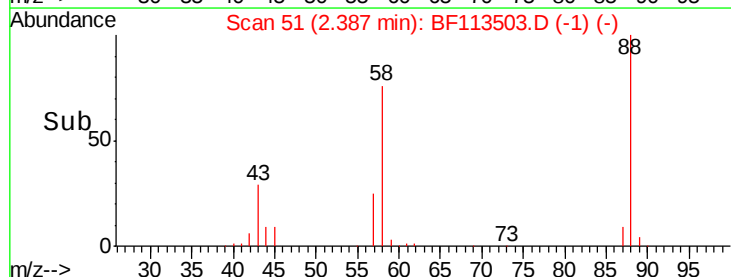


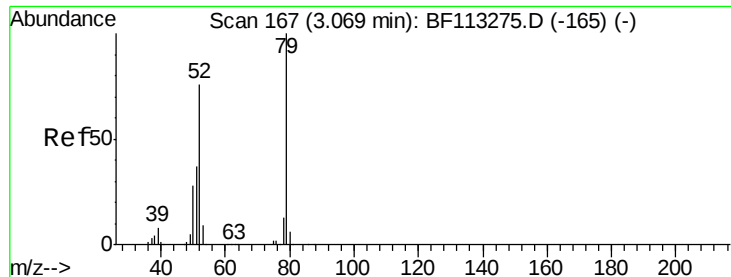
#2
 1,4-Dioxane
 Concen: 32.974 ng
 RT: 2.39 min Scan# 51
 Delta R.T. 0.02 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion: 88 Resp: 154041
 Ion Ratio Lower Upper
 88 100
 58 76.8 61.9 92.9
 43 34.1 24.2 36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.895 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.03 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

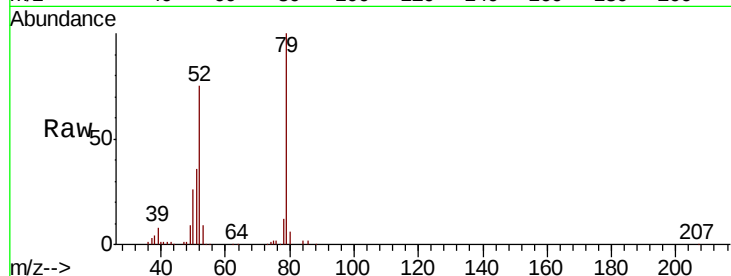
Tgt Ion: 79 Resp: 401879

Ion Ratio Lower Upper

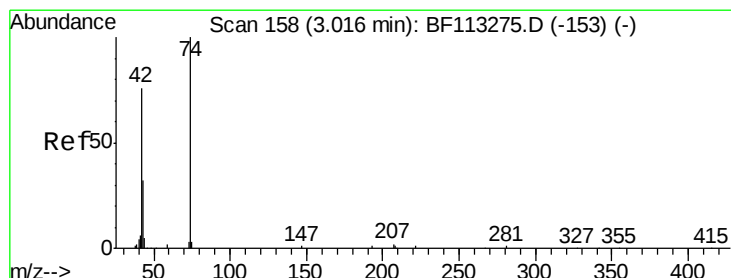
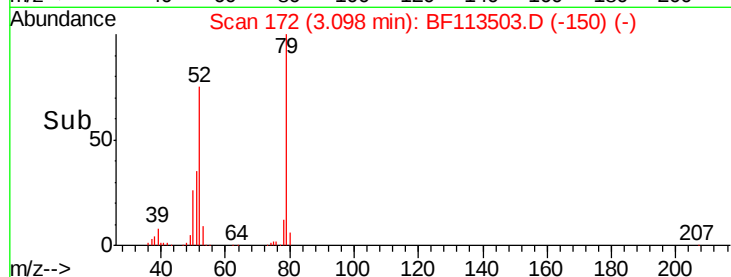
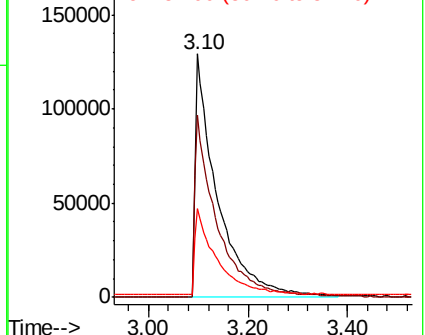
79 100

52 74.8 61.0 91.4

51 36.2 30.6 45.8



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: 37.931 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

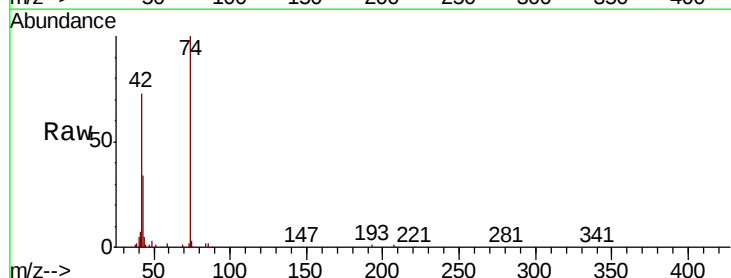
Tgt Ion: 42 Resp: 194200

Ion Ratio Lower Upper

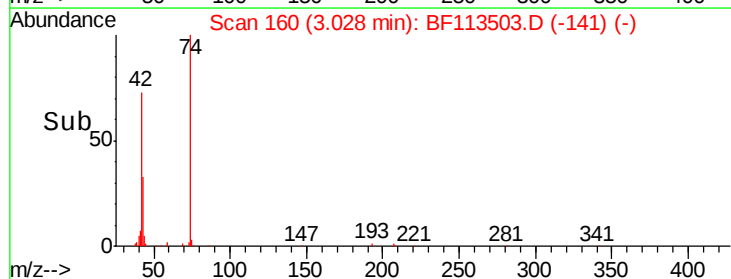
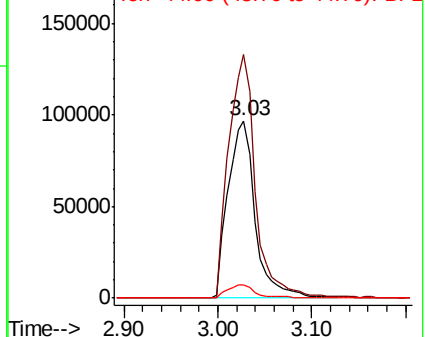
42 100

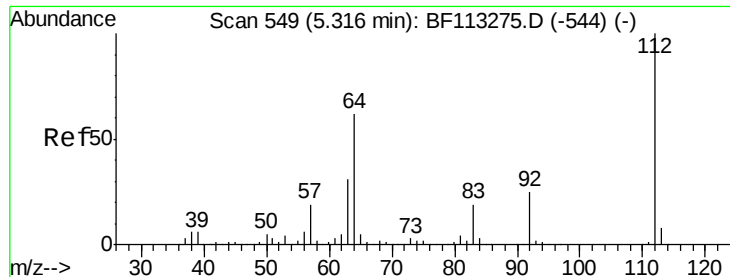
74 137.3 102.4 153.6

44 7.2 5.5 8.3



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: 117.987 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

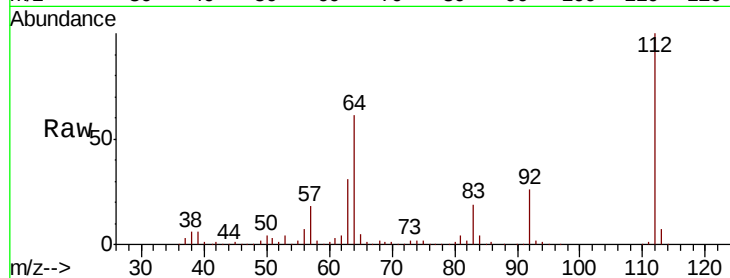
Tgt Ion:112 Resp: 1086372

Ion Ratio Lower Upper

112 100

64 60.7 49.2 73.8

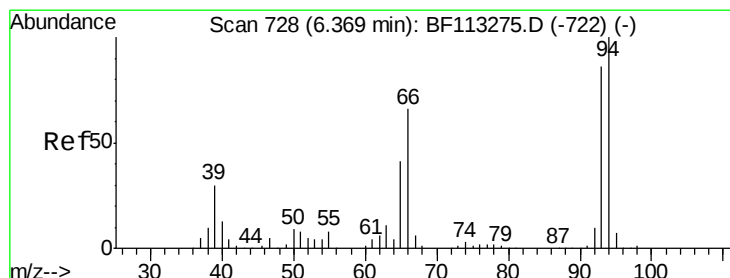
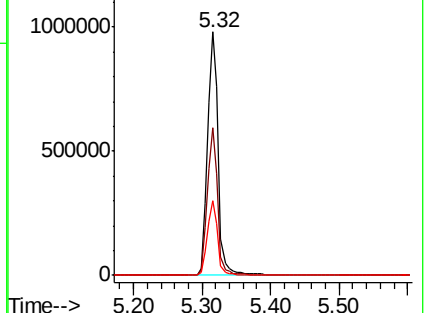
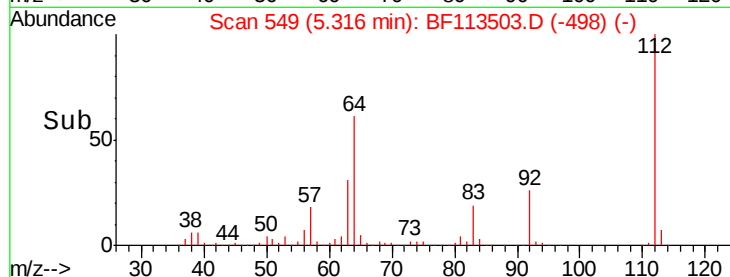
63 30.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.090 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

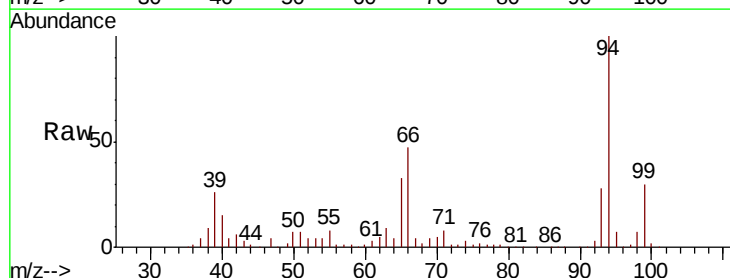
Tgt Ion: 93 Resp: 228227

Ion Ratio Lower Upper

93 100

66 167.4 62.1 93.1#

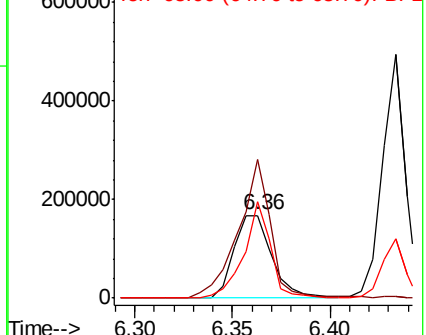
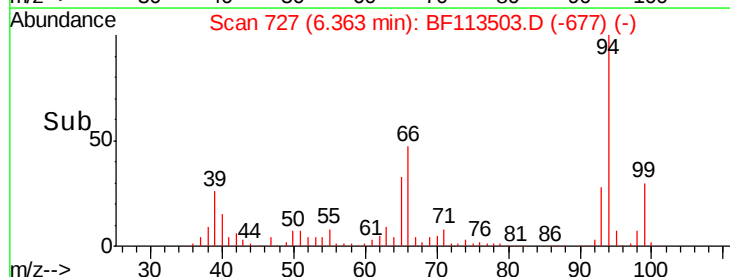
65 116.5 38.7 58.1#

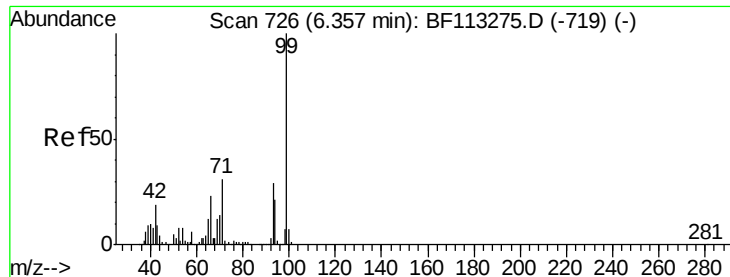


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.042 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

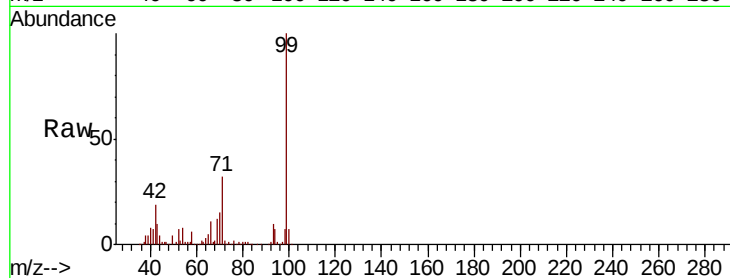
Tgt Ion: 99 Resp: 1398256

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

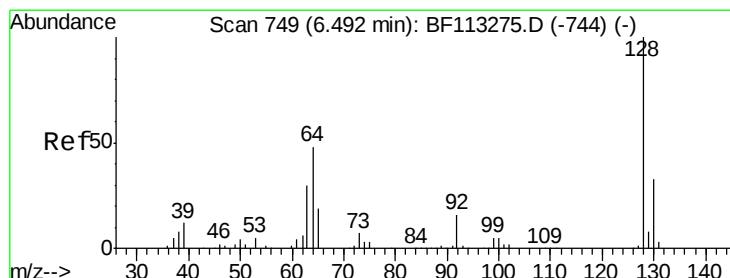
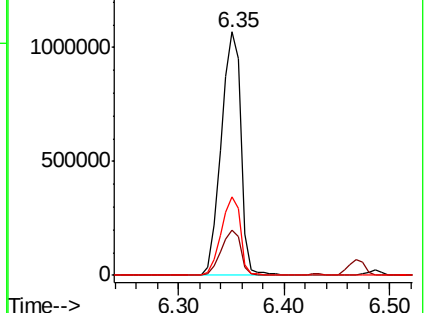
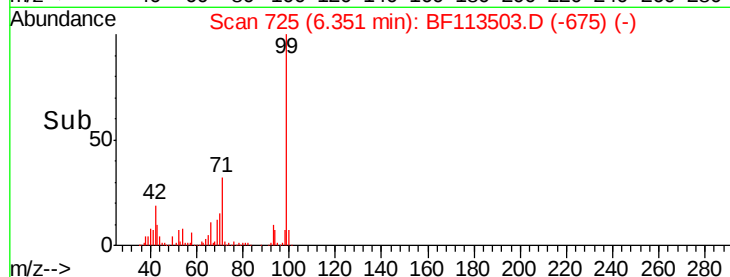
71 32.3 24.9 37.3



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: 38.167 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

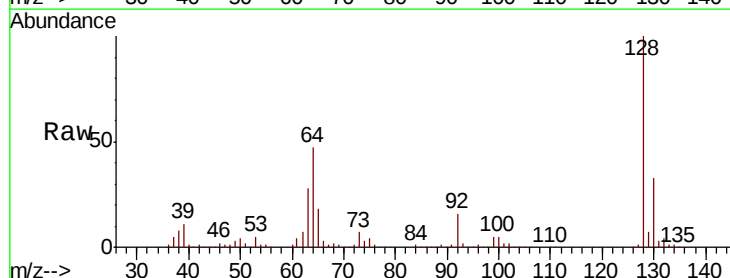
Tgt Ion: 128 Resp: 408093

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

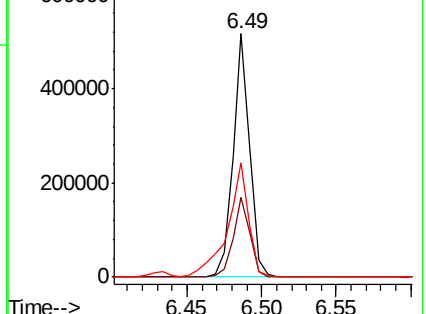
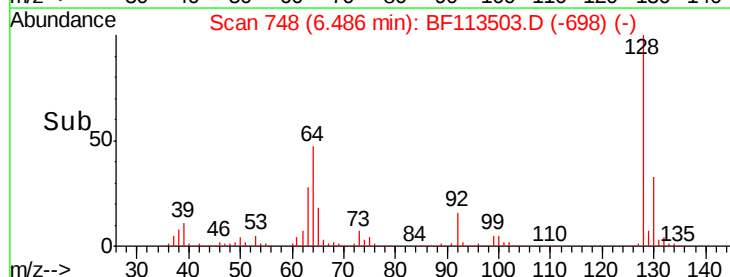
64 47.0 29.4 69.4

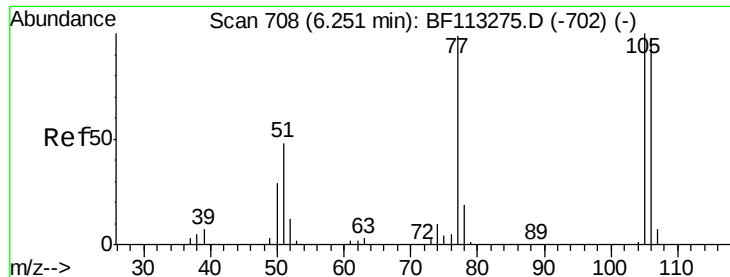


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

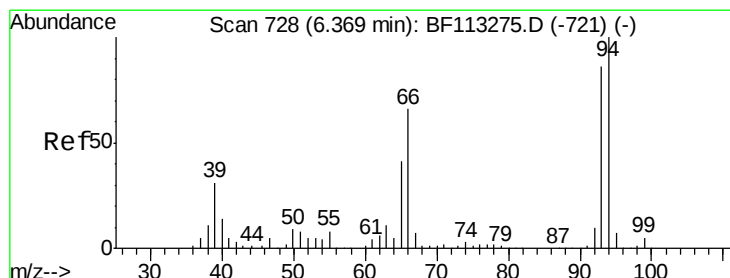
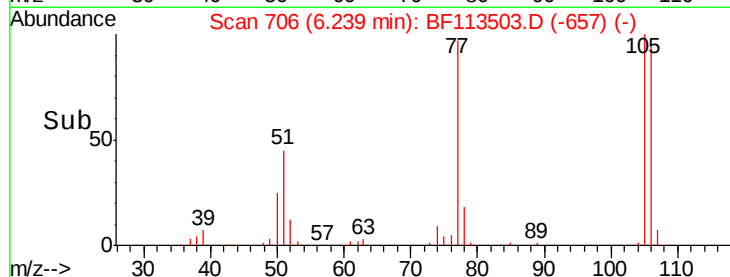
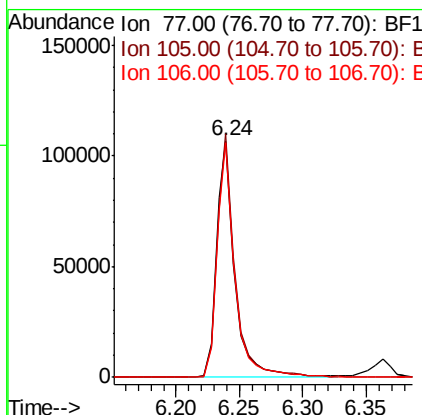
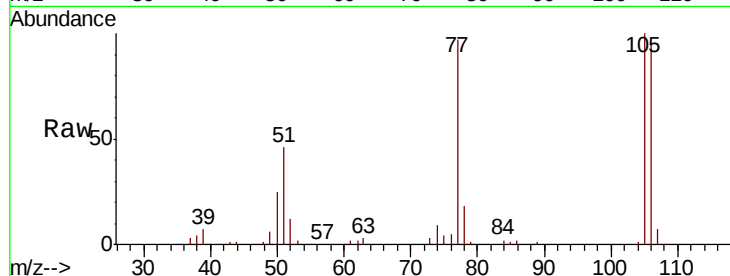




#9
Benzaldehyde
Concen: 13.802 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

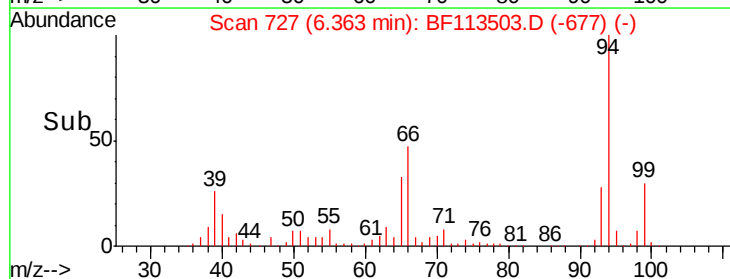
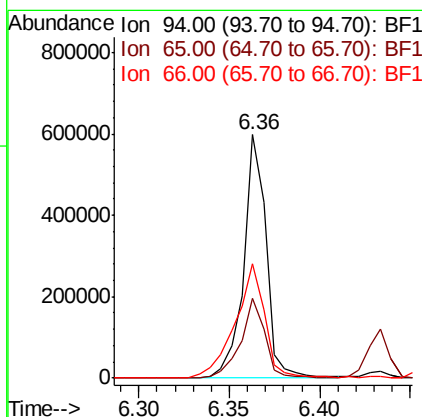
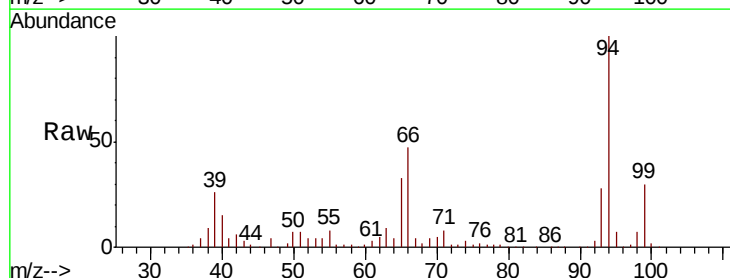
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

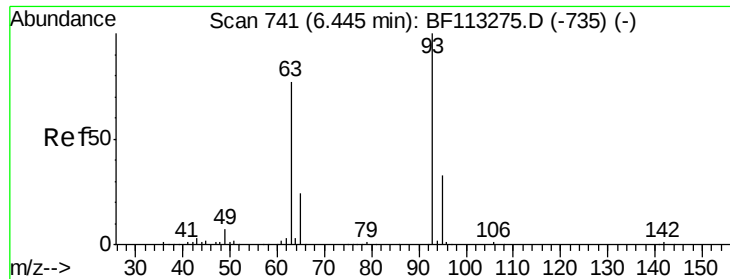
Tgt Ion: 77 Resp: 107882
Ion Ratio Lower Upper
77 100
105 103.2 80.9 120.9
106 99.5 77.8 117.8



#10
Phenol
Concen: 38.459 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion: 94 Resp: 511422
Ion Ratio Lower Upper
94 100
65 32.6 21.4 61.4
66 46.9 46.4 86.4

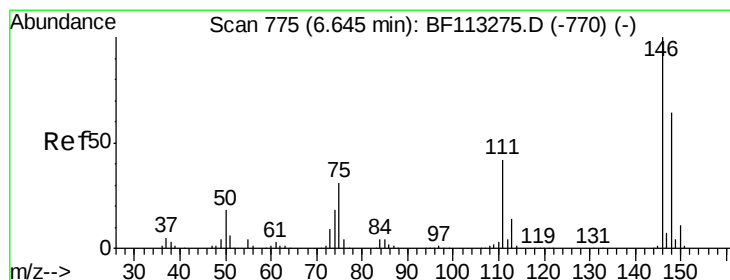
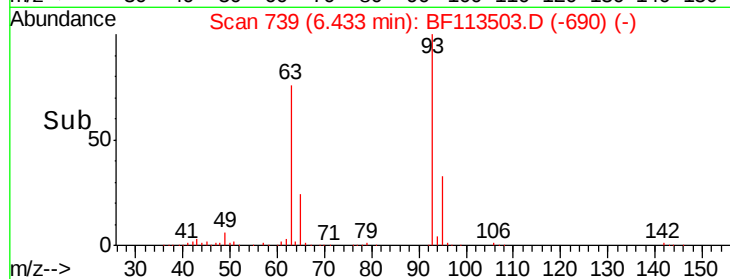
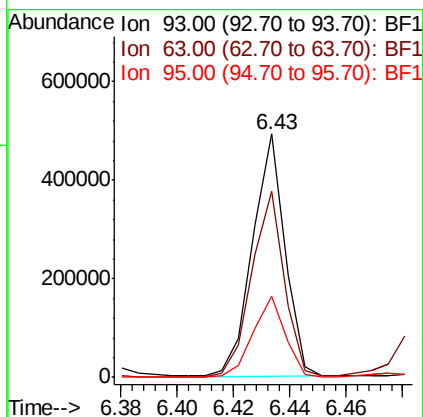
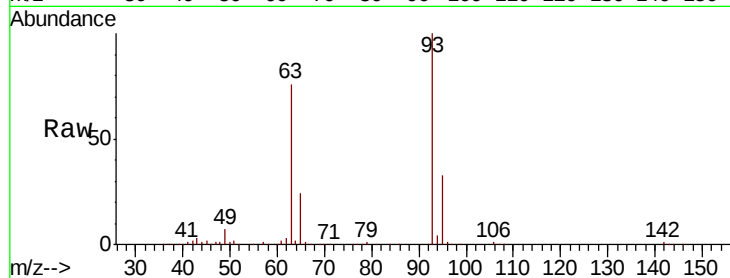




#11
bis(2-Chloroethyl)ether
Concen: 38.655 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

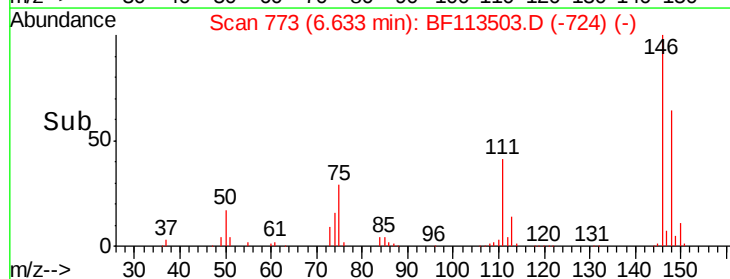
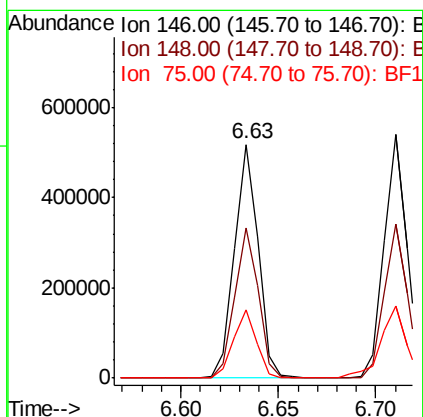
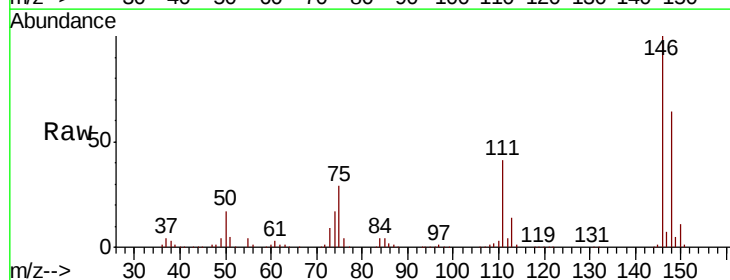
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

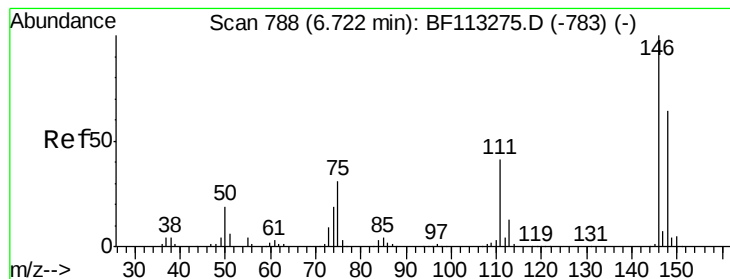
Tgt Ion: 93 Resp: 394021
Ion Ratio Lower Upper
93 100
63 76.2 56.1 96.1
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion: 146 Resp: 437970
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 29.4 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 39.970 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

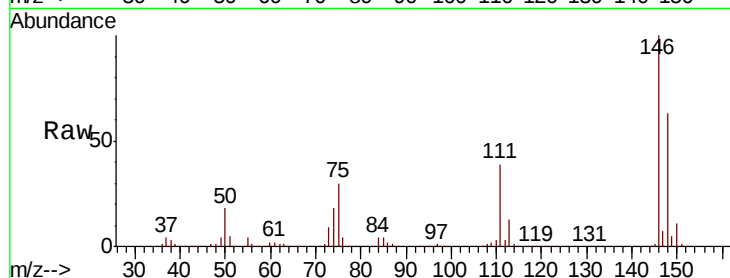
Tgt Ion:146 Resp: 444799

Ion Ratio Lower Upper

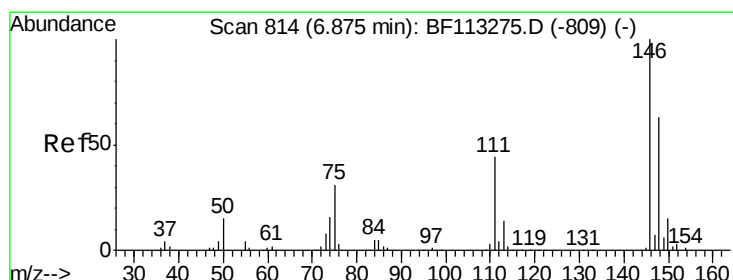
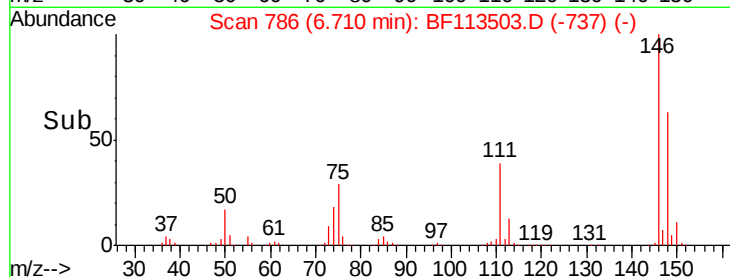
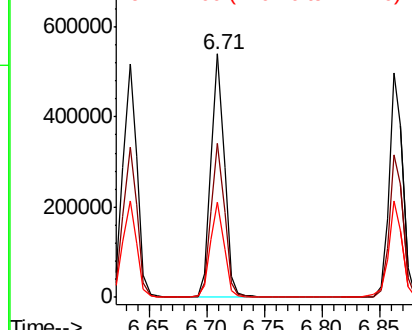
146 100

148 63.3 51.1 76.7

111 39.2 32.8 49.2



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: 37.759 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

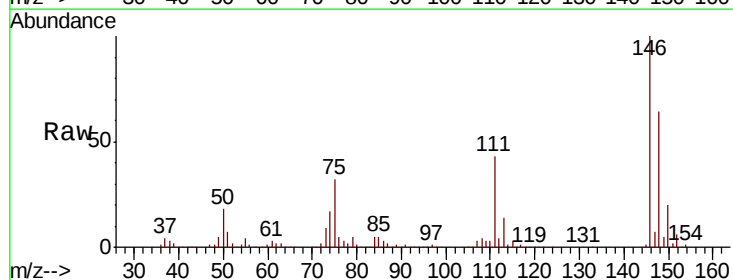
Tgt Ion:146 Resp: 413396

Ion Ratio Lower Upper

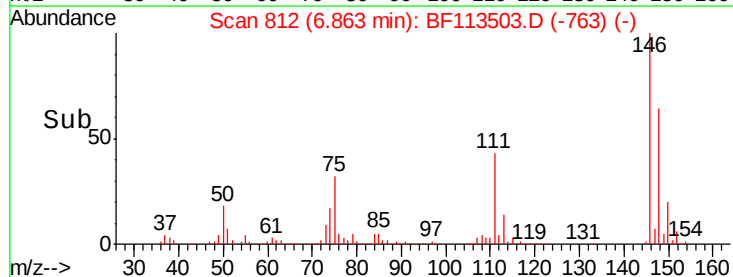
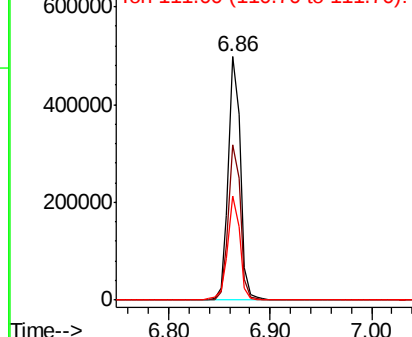
146 100

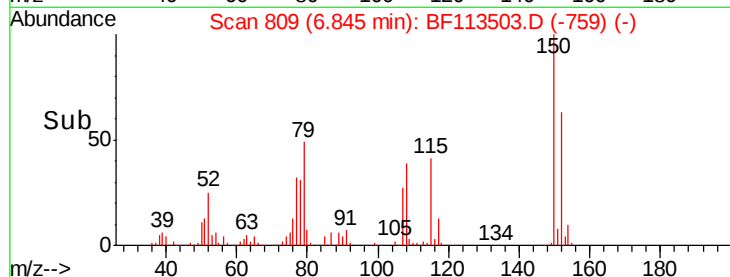
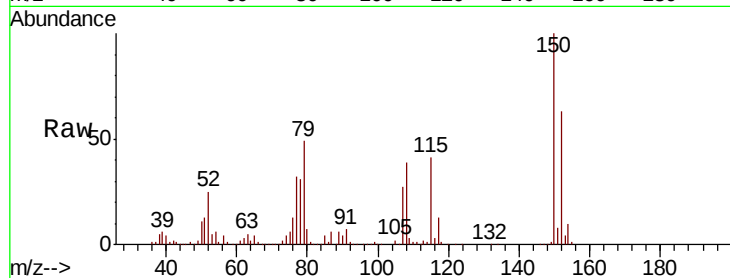
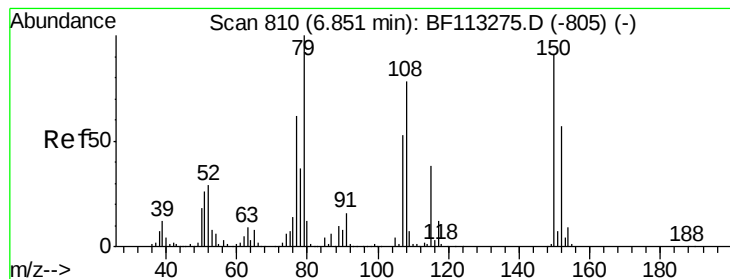
148 63.7 50.2 75.4

111 43.0 35.4 53.2



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: 42.028 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

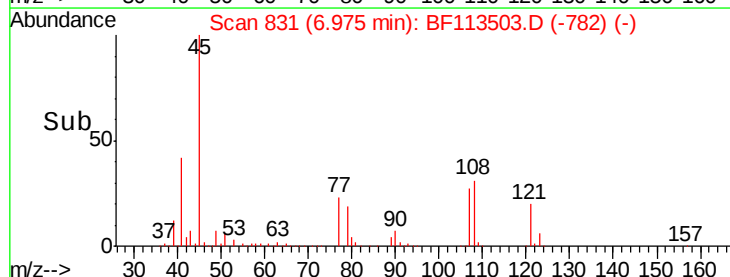
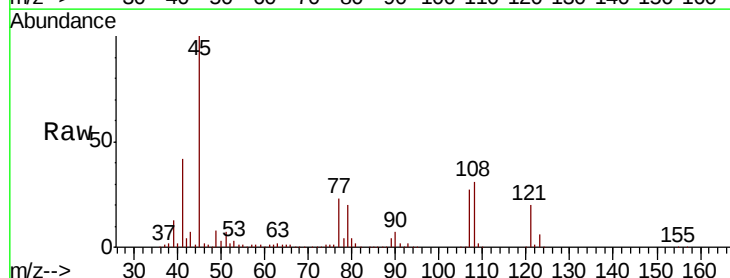
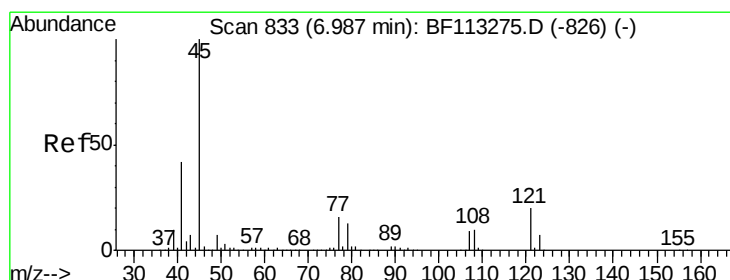
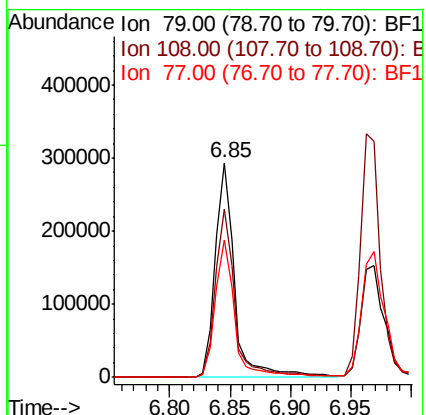
Tgt Ion: 79 Resp: 322961

Ion Ratio Lower Upper

79 100

108 78.8 62.0 93.0

77 64.1 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.039 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

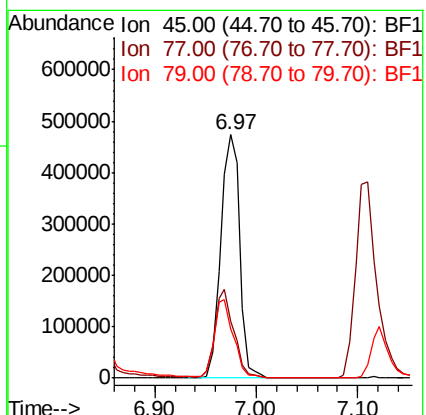
Tgt Ion: 45 Resp: 613114

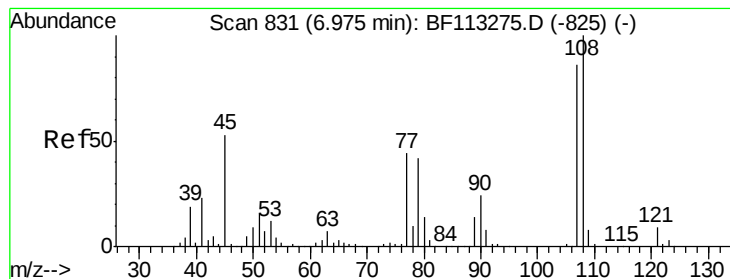
Ion Ratio Lower Upper

45 100

77 23.4 0.0 36.6

79 20.1 0.0 34.0





#17

2-Methylphenol

Concen: 39.632 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tgt Ion:107 Resp: 332097

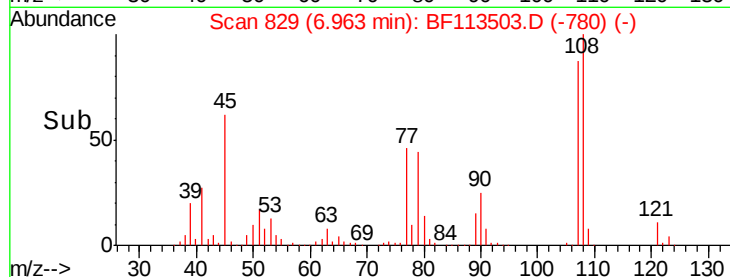
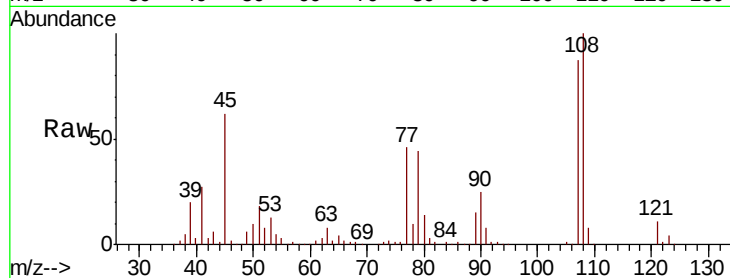
Ion Ratio Lower Upper

107 100

108 114.6 93.4 140.0

77 53.2 41.2 61.8

79 50.8 40.1 60.1

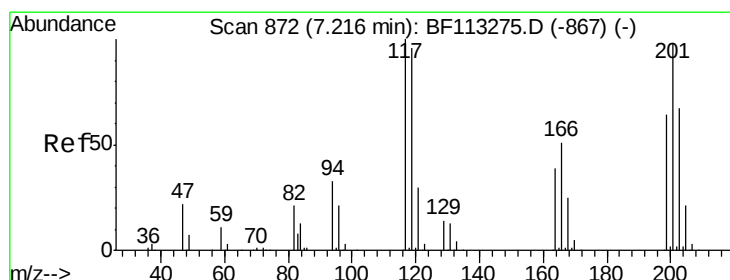
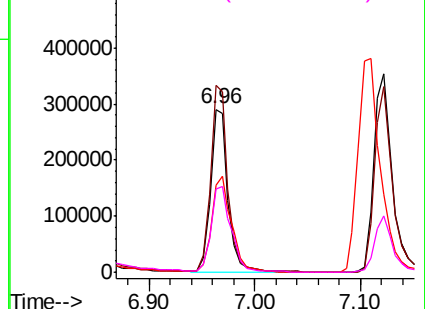


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.806 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

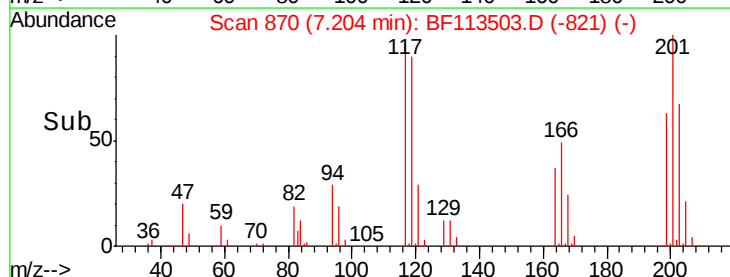
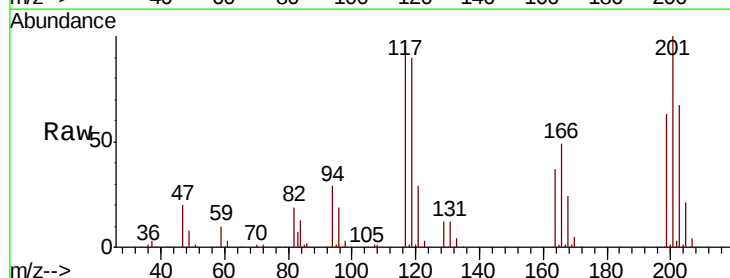
Tgt Ion:117 Resp: 159107

Ion Ratio Lower Upper

117 100

119 95.3 76.9 115.3

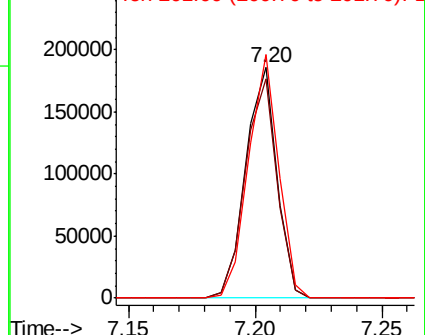
201 105.7 78.7 118.1

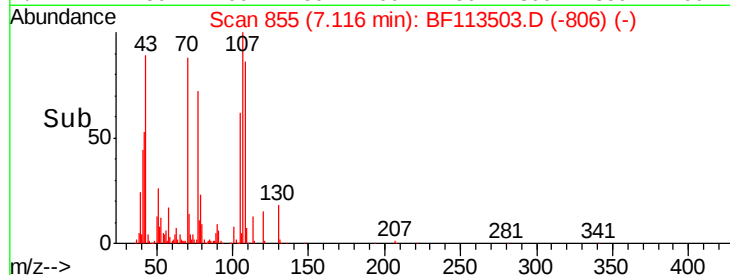
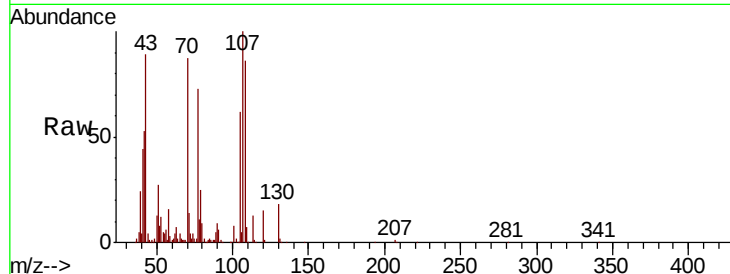
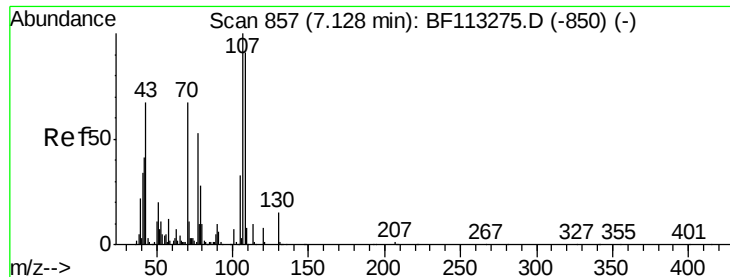


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

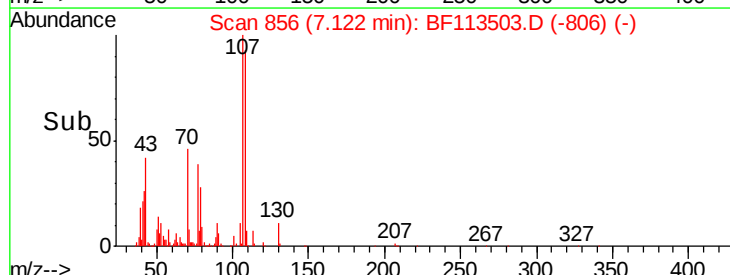
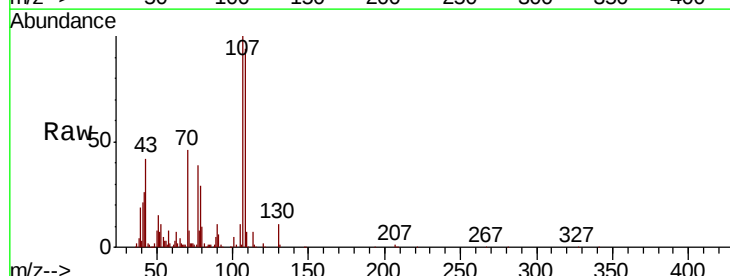
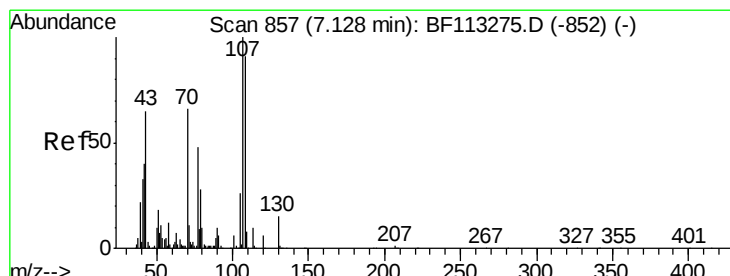
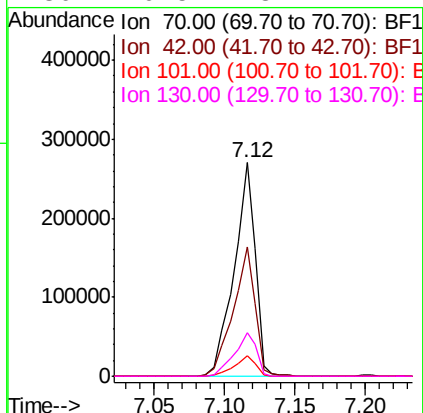




#19
n-Nitroso-di-n-propylamine
Concen: 38.547 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

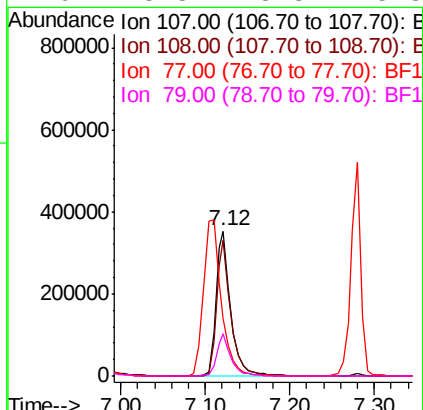
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

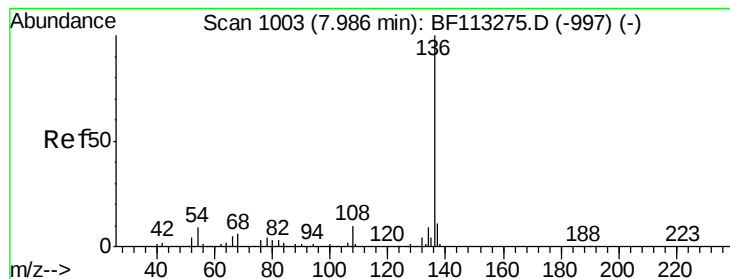
Tgt Ion:	70	Resp:	282034
Ion	Ratio	Lower	Upper
70	100		
42	60.6	48.4	72.6
101	9.6	7.8	11.8
130	20.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 44.451 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion:	107	Resp:	428712
Ion	Ratio	Lower	Upper
107	100		
108	93.8	71.4	111.4
77	39.4	33.5	73.5
79	28.8	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tgt Ion:136 Resp: 562059

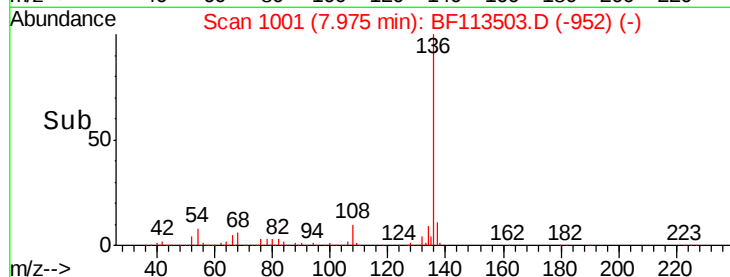
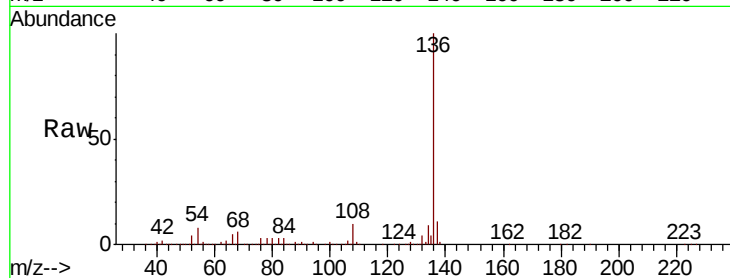
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 7.0 10.6

68 6.4 4.8 7.2



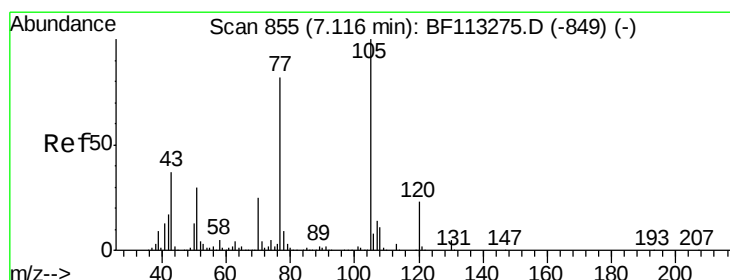
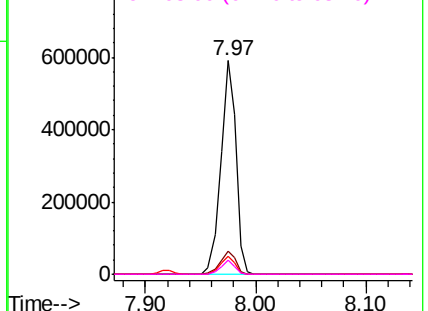
Abundance

Ion 136.00 (135.70 to 136.70): E

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: 44.187 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Tgt Ion:105 Resp: 566387

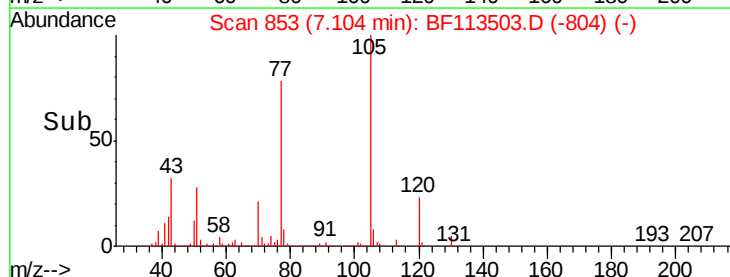
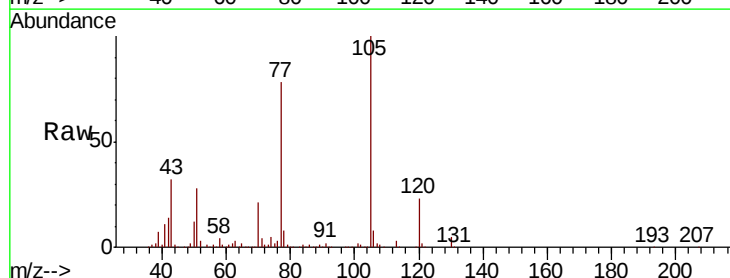
Ion Ratio Lower Upper

105 100

71 3.6 3.3 4.9

51 28.4 24.2 36.2

120 23.5 18.1 27.1



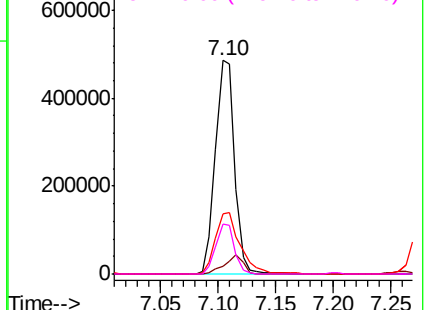
Abundance

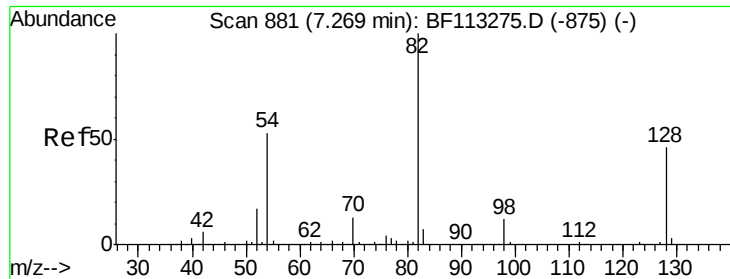
Ion 105.00 (104.70 to 105.70): E

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

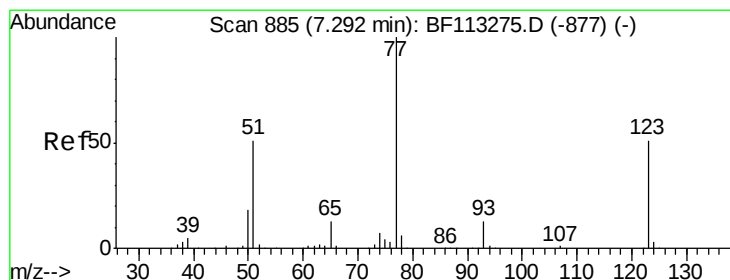
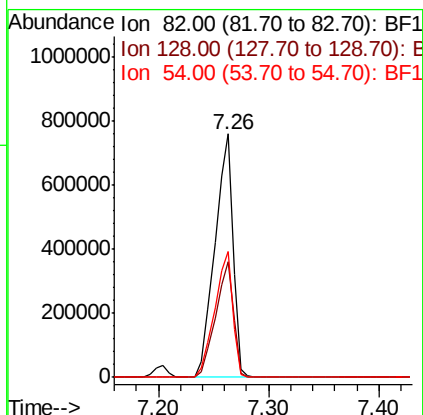
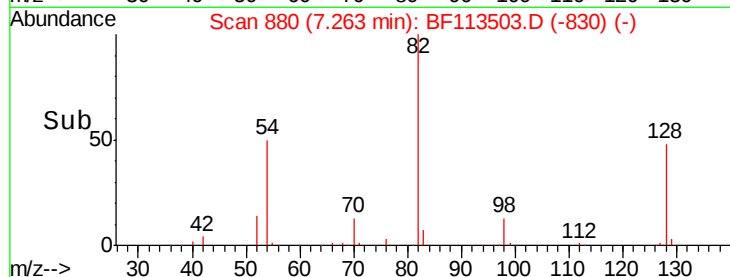
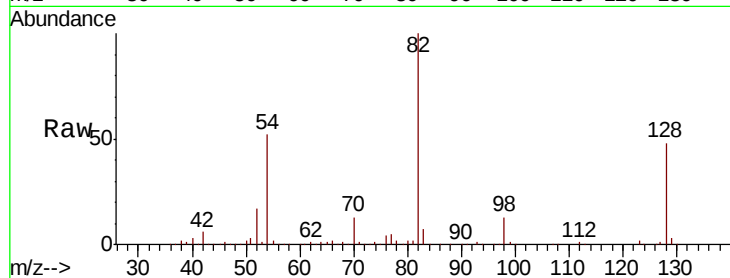




#23
Nitrobenzene-d5
Concen: 91.065 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

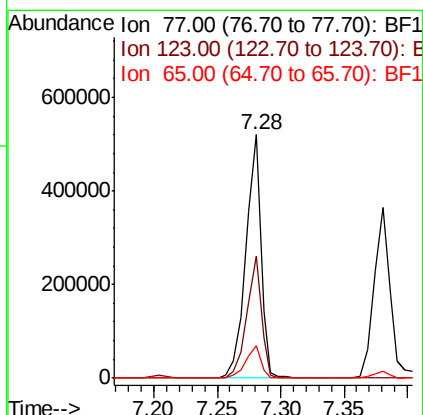
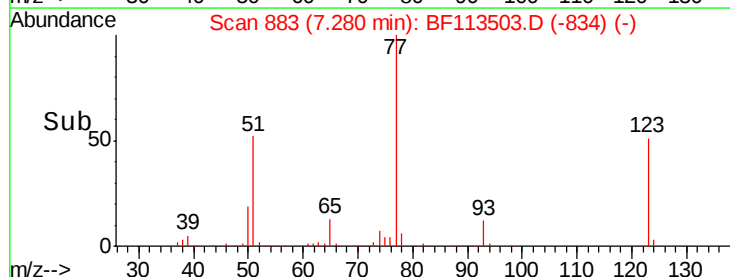
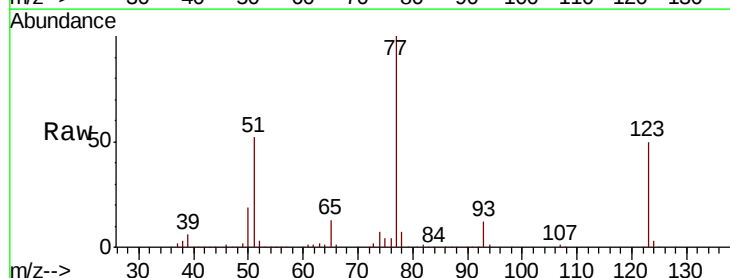
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

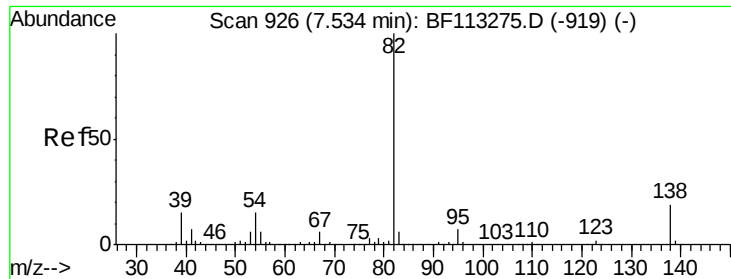
Tgt Ion: 82 Resp: 862353
Ion Ratio Lower Upper
82 100
128 47.7 36.5 54.7
54 51.5 42.2 63.2



#24
Nitrobenzene
Concen: 43.342 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion: 77 Resp: 428289
Ion Ratio Lower Upper
77 100
123 50.2 40.8 61.2
65 13.3 10.6 16.0

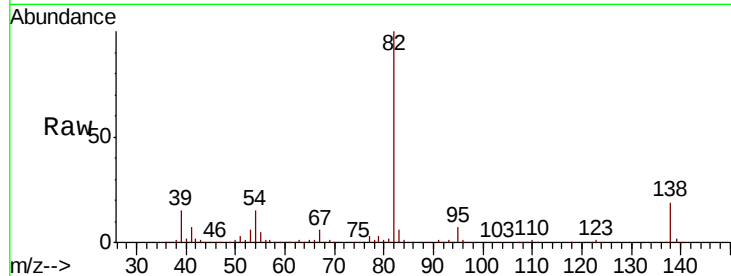




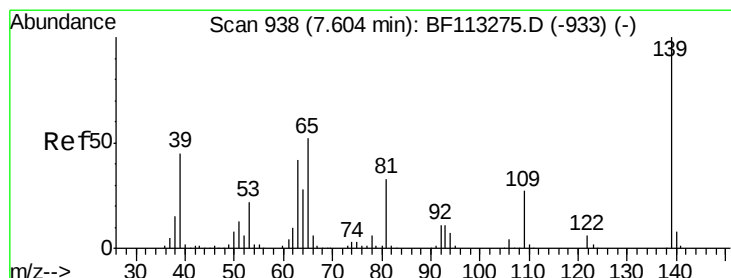
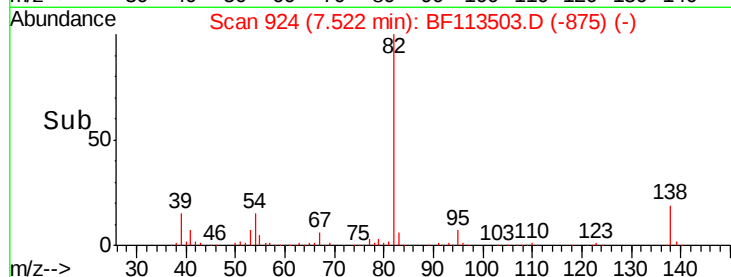
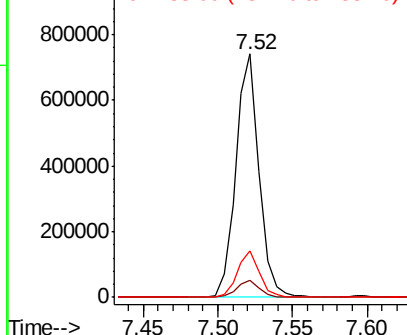
#25
Isophorone
Concen: 43.841 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion: 82 Resp: 804565
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.0 15.2 22.8

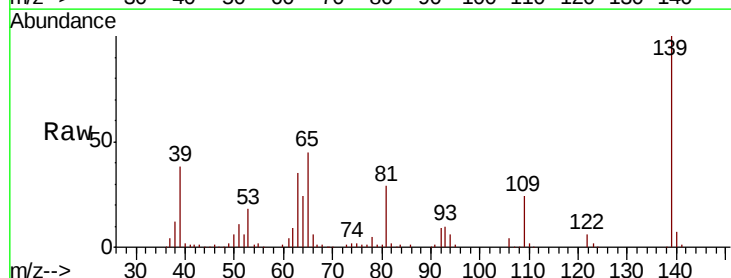


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

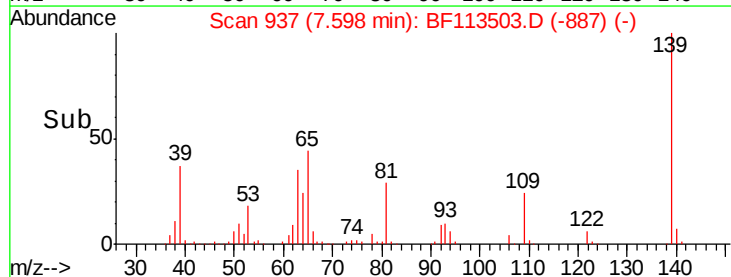
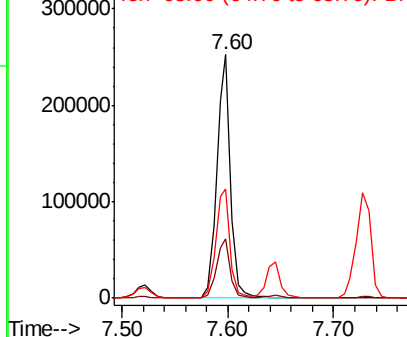


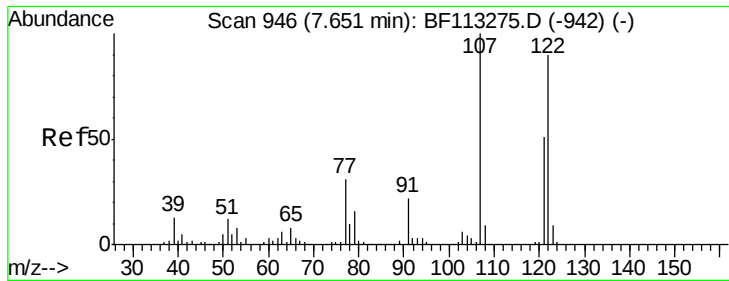
#26
2-Nitrophenol
Concen: 44.328 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion: 139 Resp: 231533
Ion Ratio Lower Upper
139 100
109 24.4 21.7 32.5
65 44.6 41.6 62.4



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

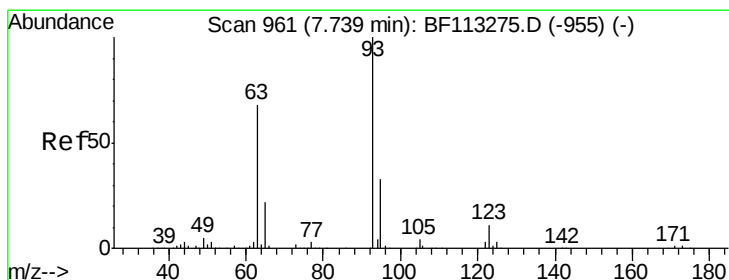
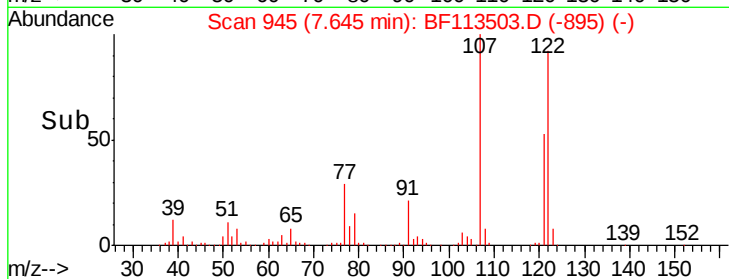
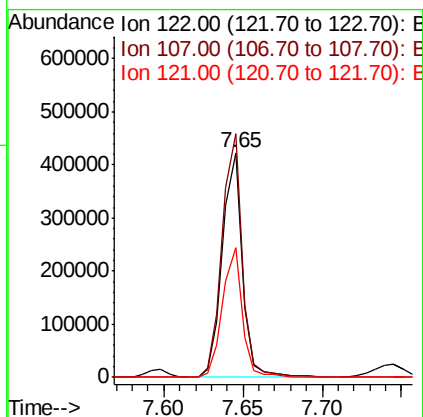
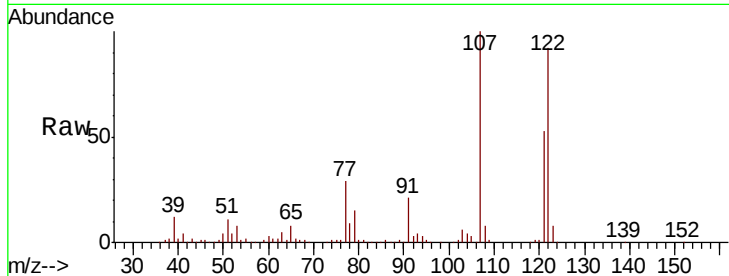




#27
 2,4-Dimethylphenol
 Concen: 49.617 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

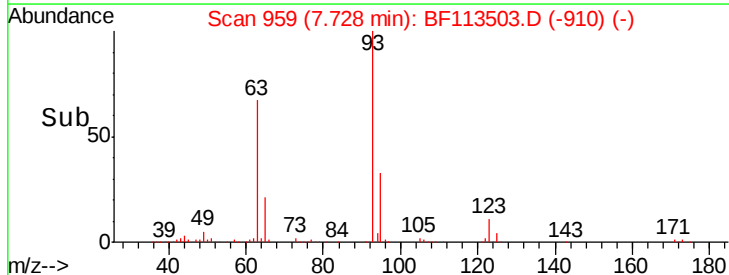
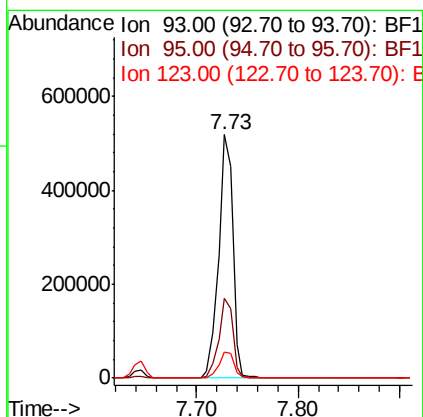
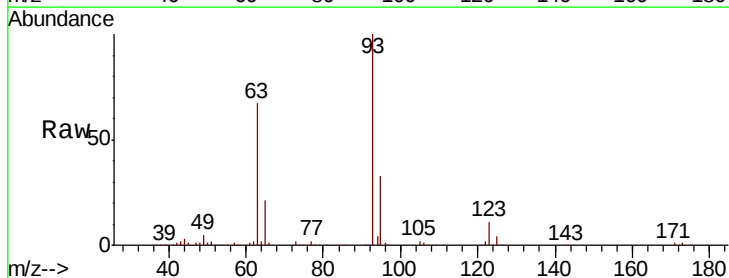
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

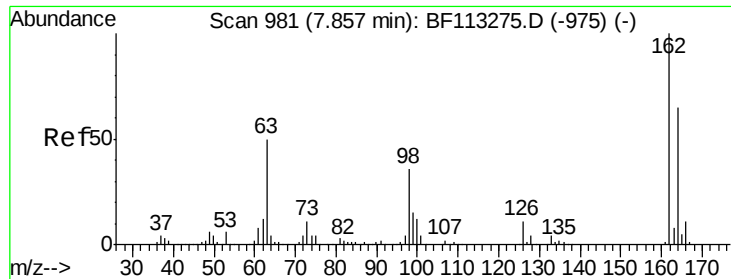
Tgt Ion:122 Resp: 372798
 Ion Ratio Lower Upper
 122 100
 107 108.3 88.8 133.2
 121 57.5 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.942 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion: 93 Resp: 507830
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 10.9 9.1 13.7

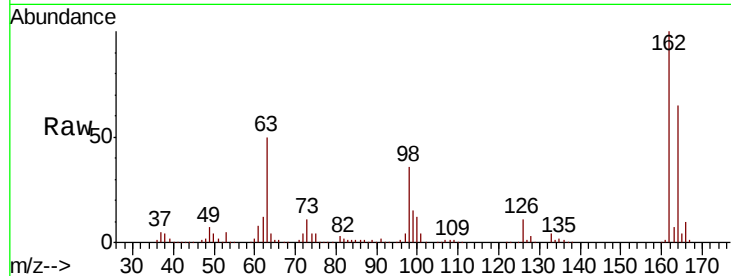




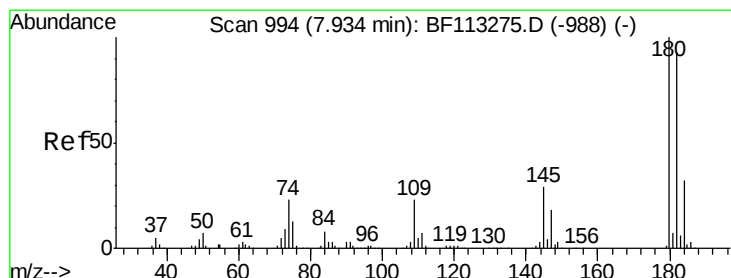
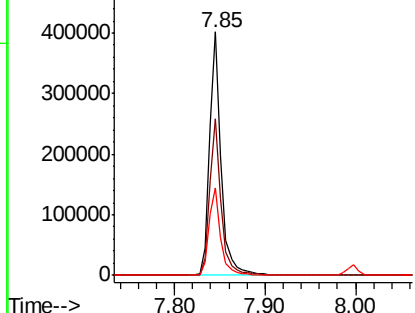
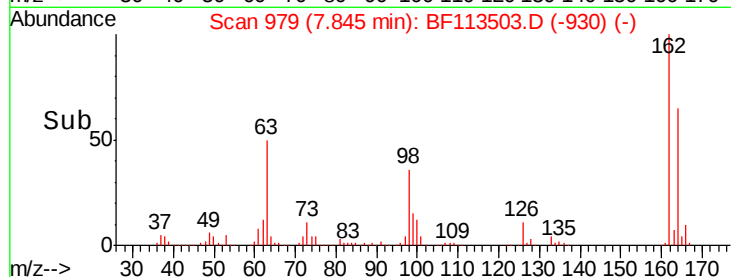
#29
2,4-Dichlorophenol
Concen: 44.757 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	36.1	15.6	55.6

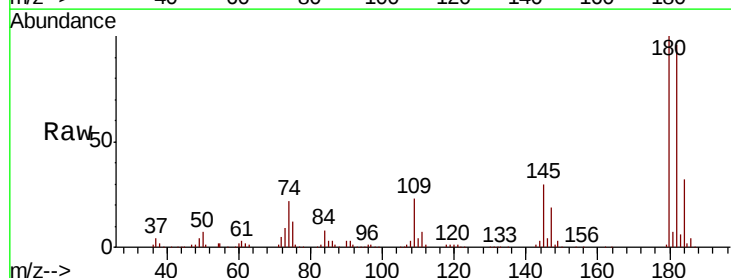


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

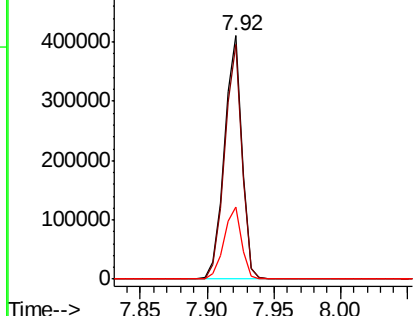
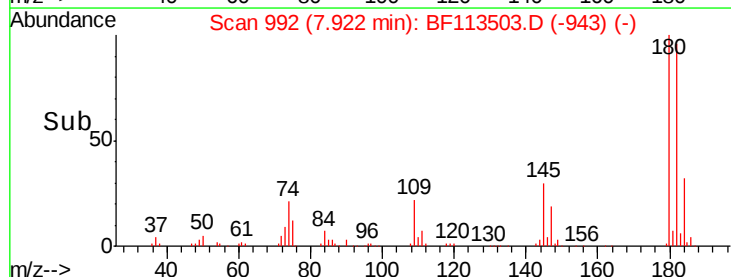


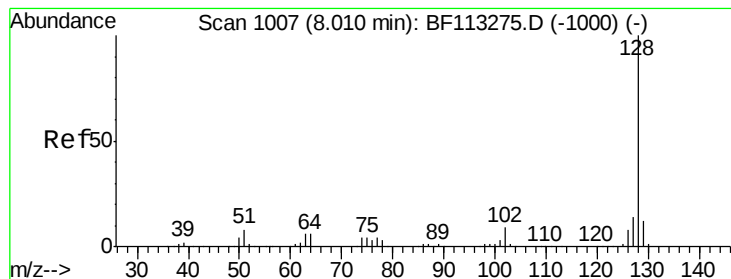
#30
1,2,4-Trichlorobenzene
Concen: 43.602 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.6	111.8
145	29.5	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.661 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

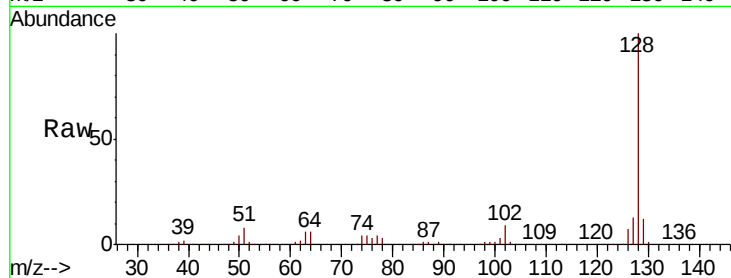
Tgt Ion:128 Resp: 1199226

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

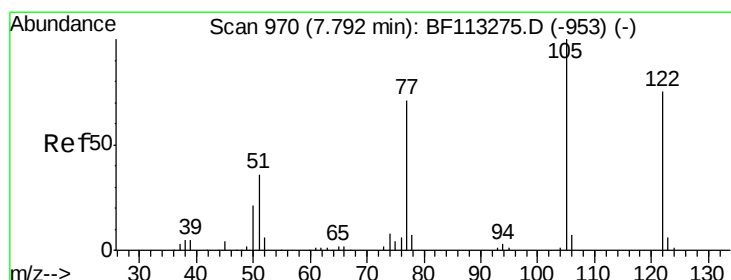
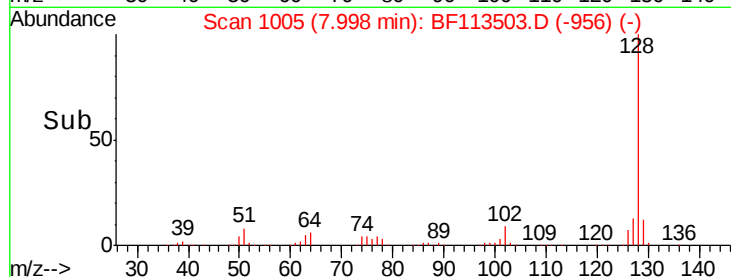
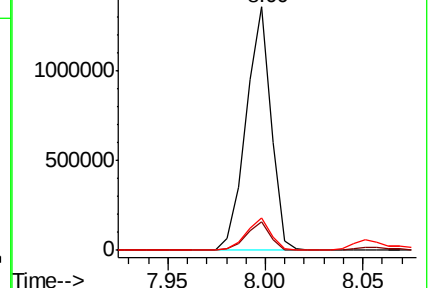
127 13.2 10.9 16.3



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: 7.253 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

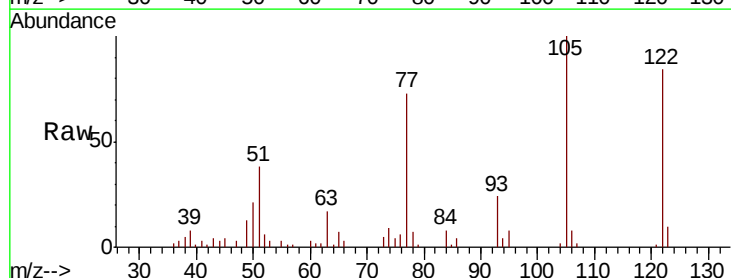
Tgt Ion:122 Resp: 43866

Ion Ratio Lower Upper

122 100

105 119.0 100.4 140.4

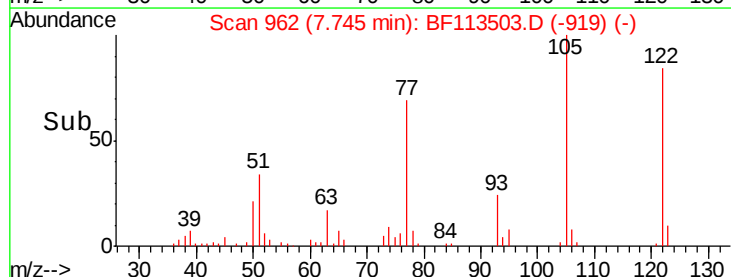
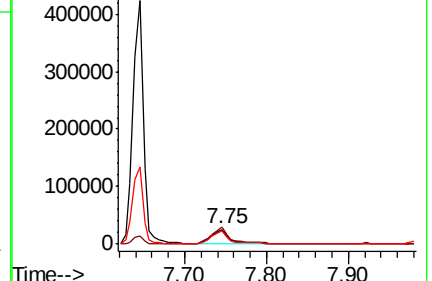
77 87.4 69.0 109.0

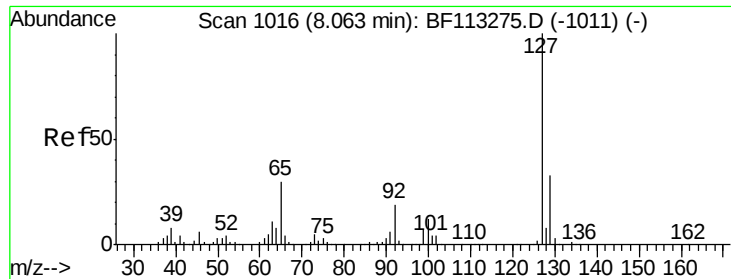


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

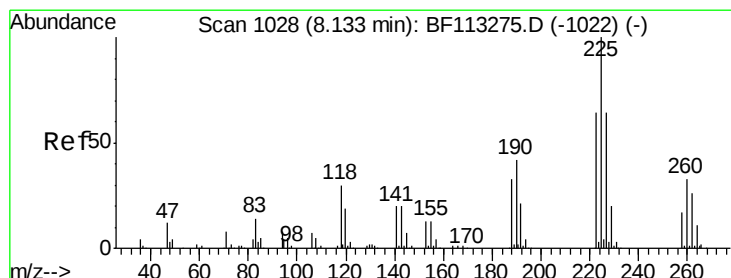
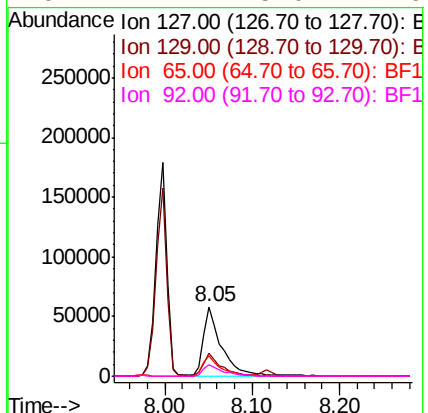
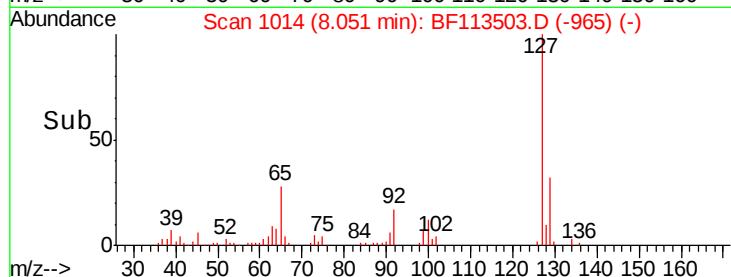
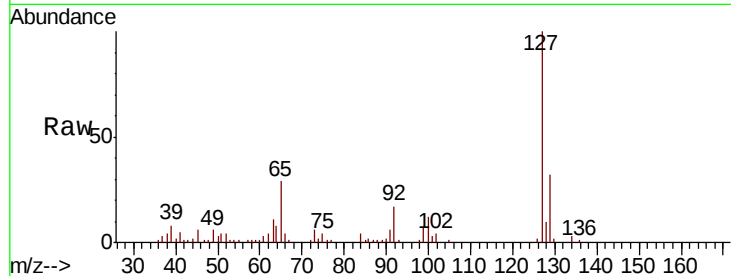




#33
4-Chloroaniline
Concen: 8.023 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

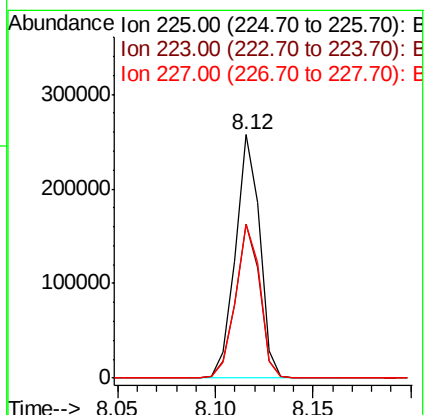
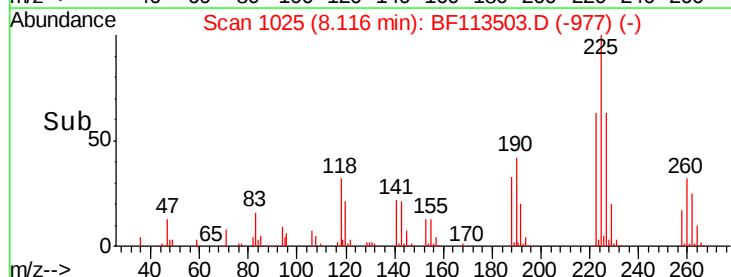
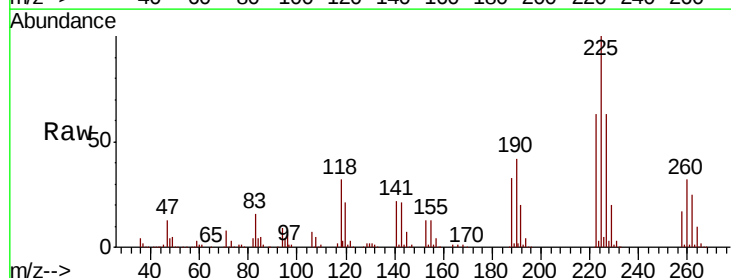
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

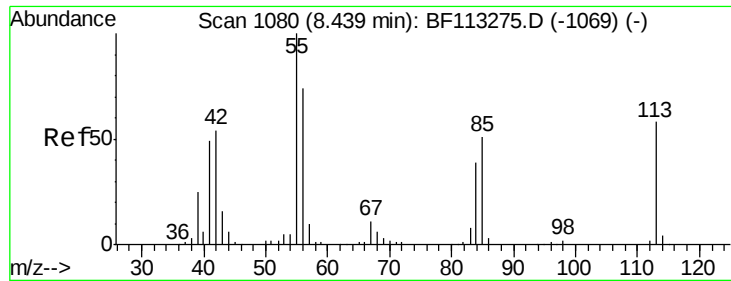
Tgt Ion:	127	Resp:	85927
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.8	24.2	36.4
92	17.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.487 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion:	225	Resp:	221833
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	63.1	51.1	76.7

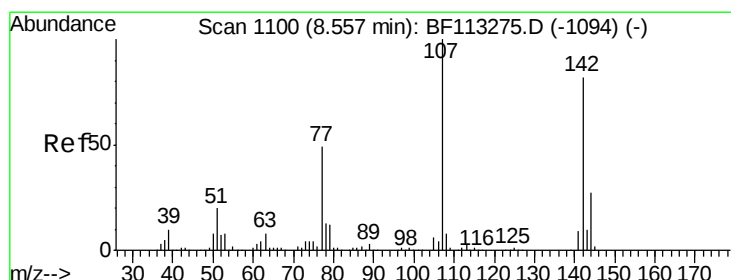
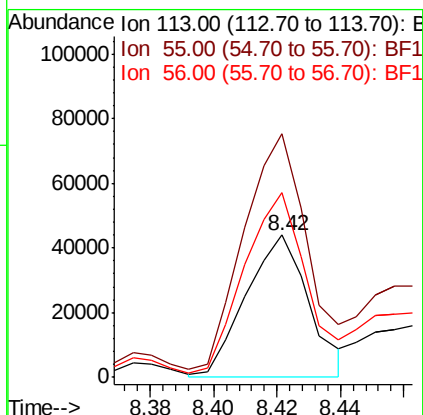
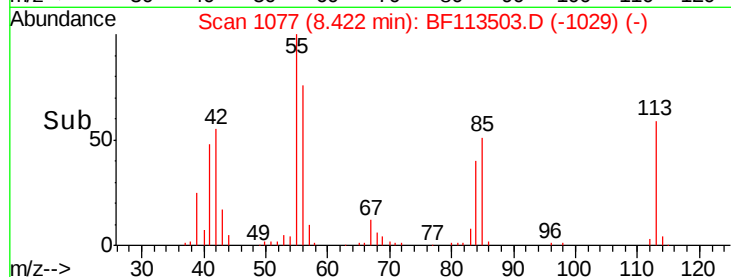
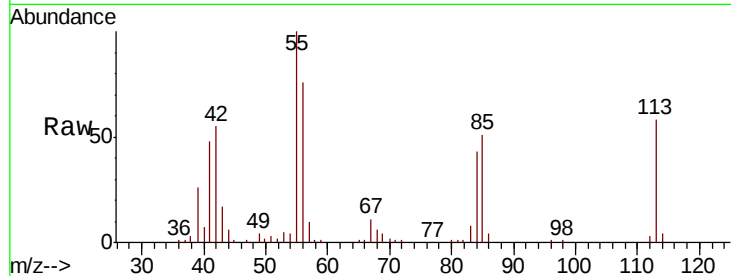




#35
 Caprolactam
 Concen: 23.076 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

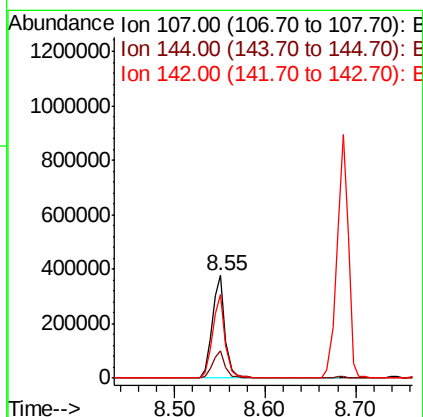
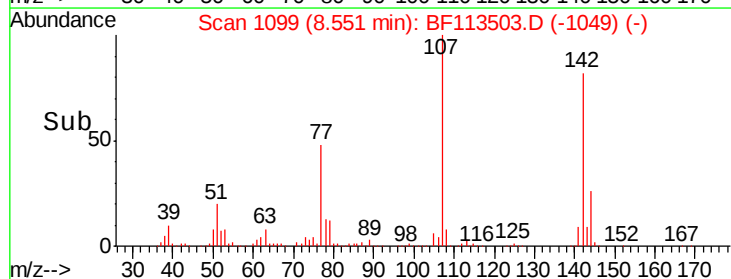
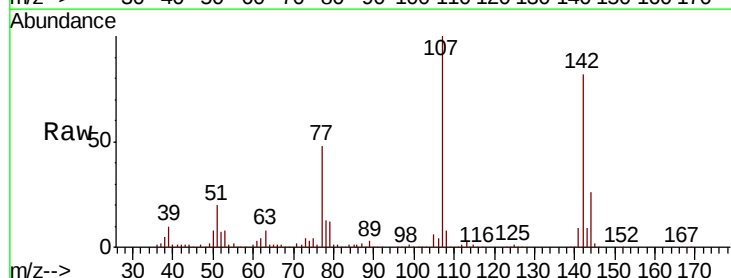
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

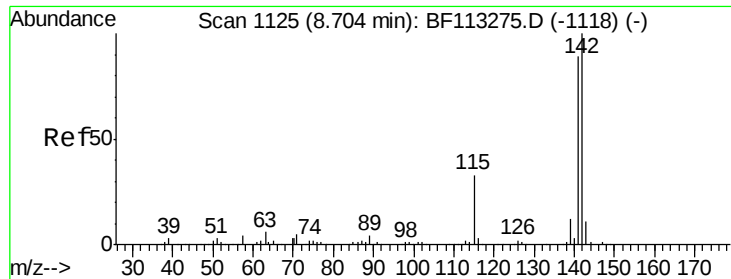
Tgt Ion:113 Resp: 60301
 Ion Ratio Lower Upper
 113 100
 55 171.2 152.7 192.7
 56 130.0 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.564 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:107 Resp: 373145
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.4 32.0
 142 81.6 65.6 98.4

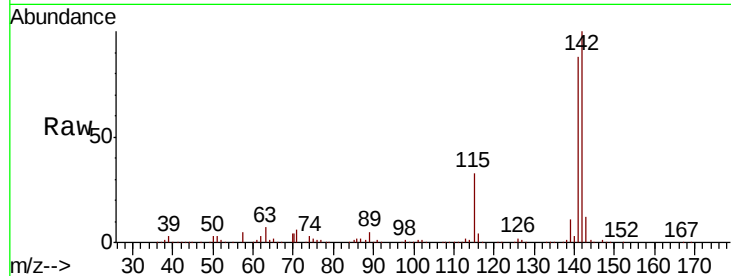




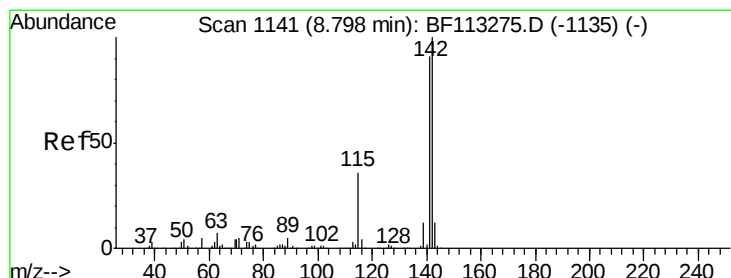
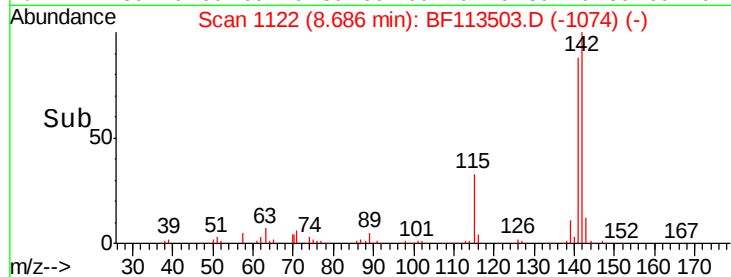
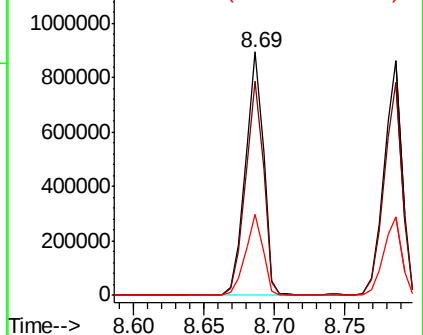
#37
2-Methylnaphthalene
Concen: 46.697 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.6
115	33.2	26.6	39.8

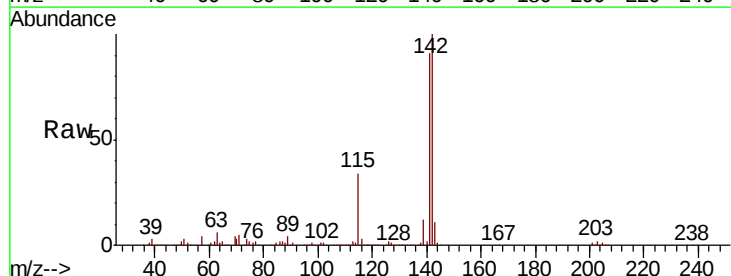


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

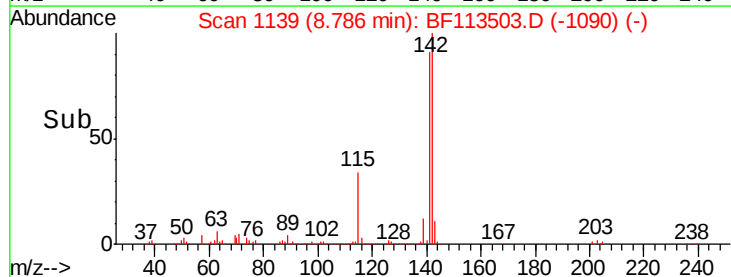
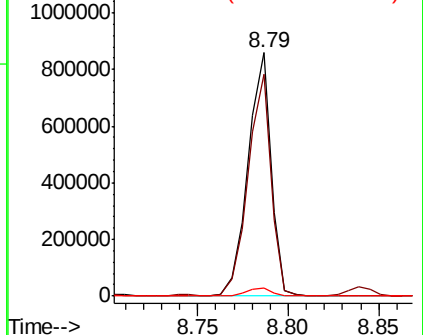


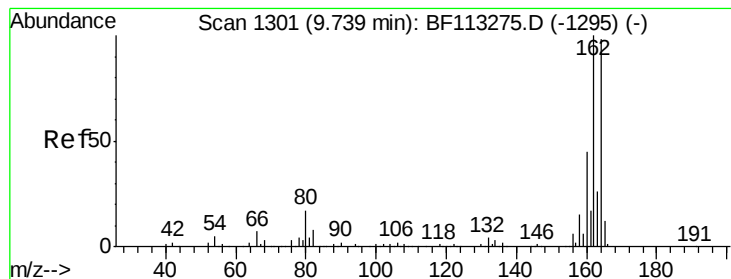
#38
1-Methylnaphthalene
Concen: 45.862 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8
116	3.5	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: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

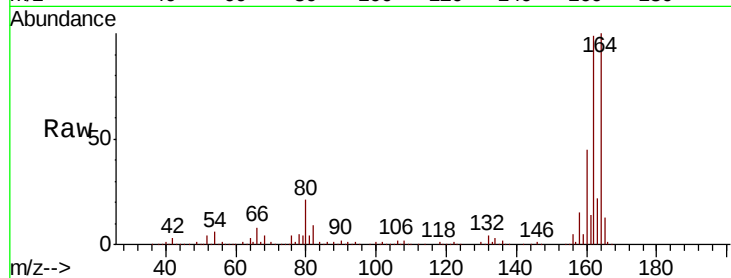
Tgt Ion:164 Resp: 278803

Ion Ratio Lower Upper

164 100

162 98.9 81.8 122.6

160 44.6 36.4 54.6

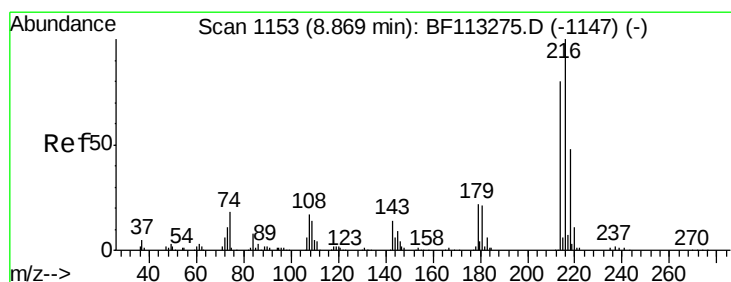
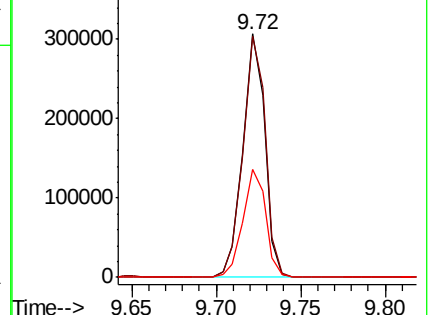
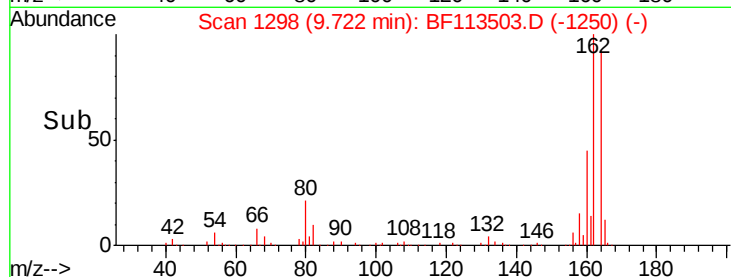


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.213 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Tgt Ion:216 Resp: 377785

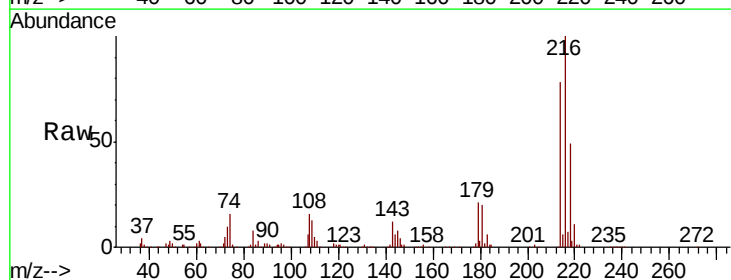
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 20.2 16.8 25.2

108 17.8 13.8 20.6



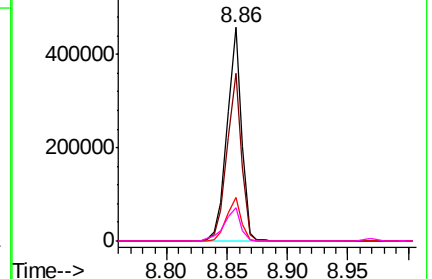
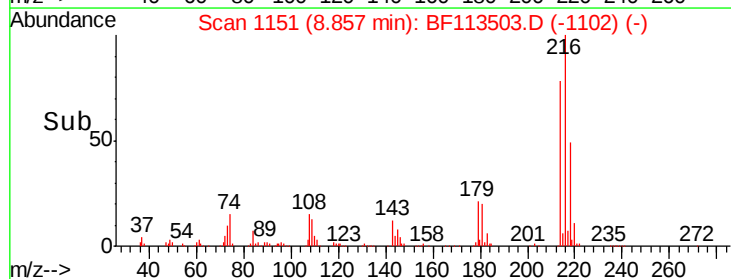
Abundance

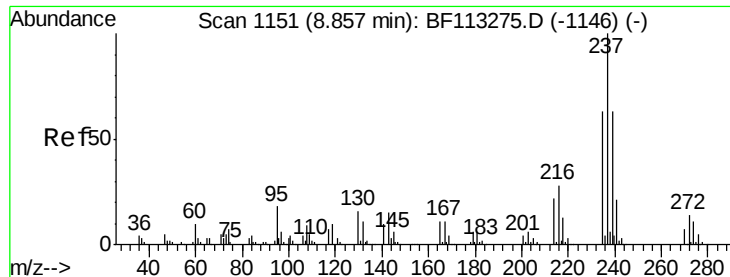
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 70.665 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

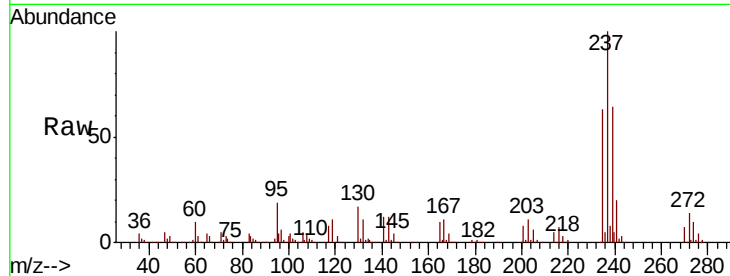
Instrument :

BNA_F

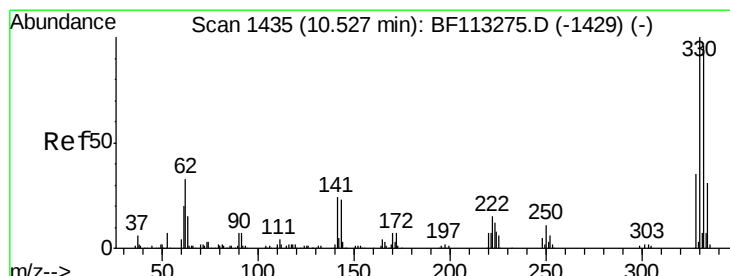
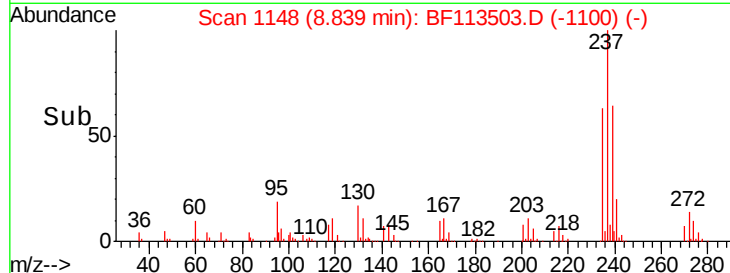
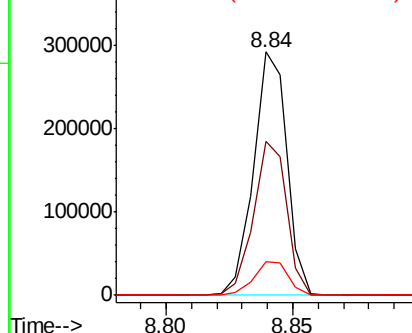
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	237	Resp:	267687
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.4	83.4
272	13.7	0.0	33.7



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



#42

2,4,6-Tribromophenol

Concen: 124.210 ng

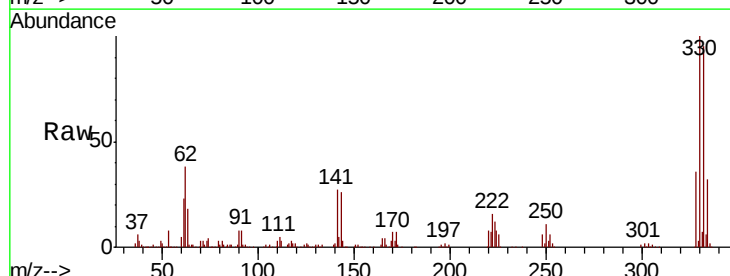
RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

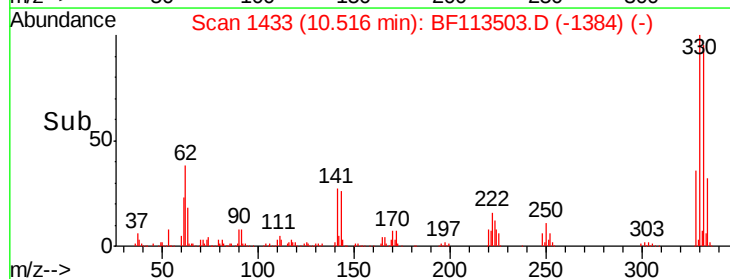
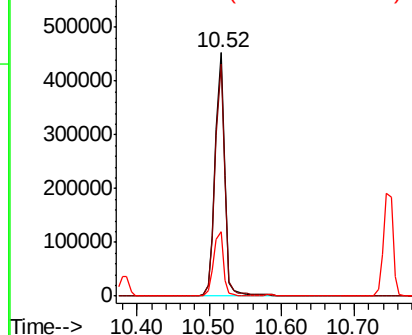
Lab File: BF113503.D

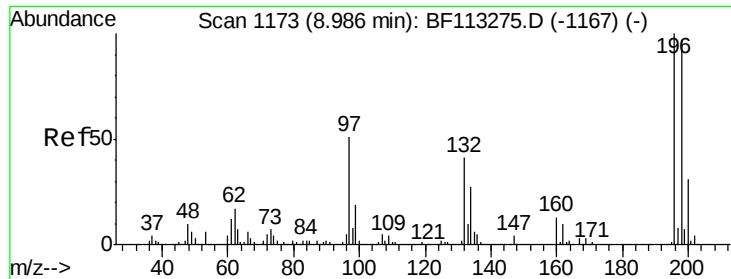
Acq: 2 Apr 2019 14:02

Tgt Ion:	330	Resp:	427760
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.8	116.6
141	27.4	22.7	34.1



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

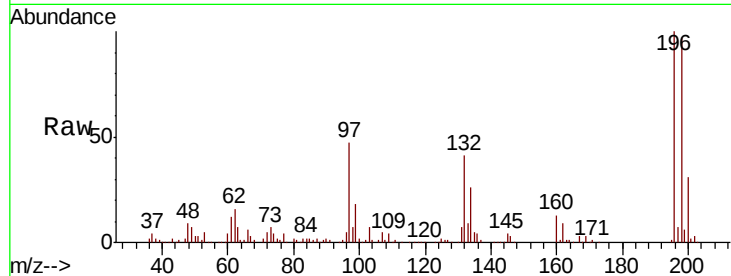




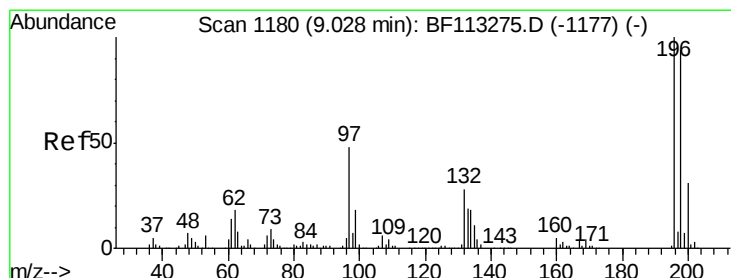
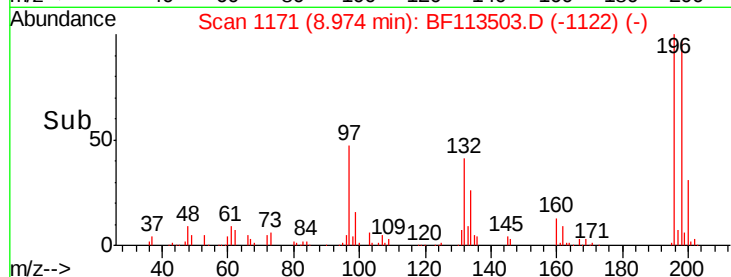
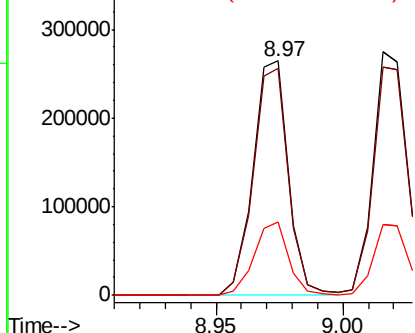
#43
 2,4,6-Trichlorophenol
 Concen: 44.293 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	77.7	116.5
200	31.2	24.9	37.3



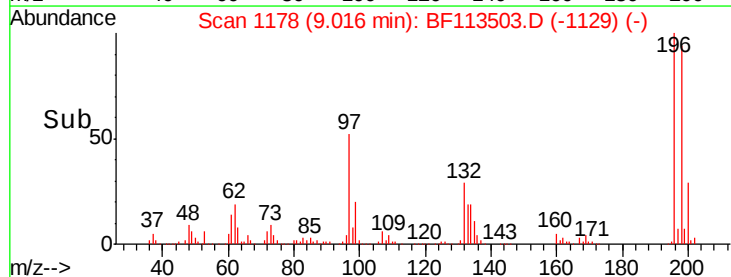
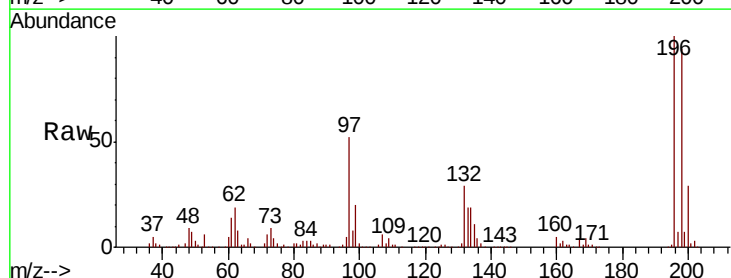
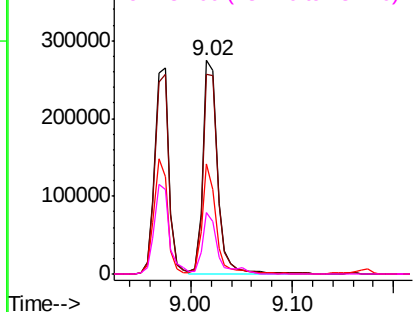
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

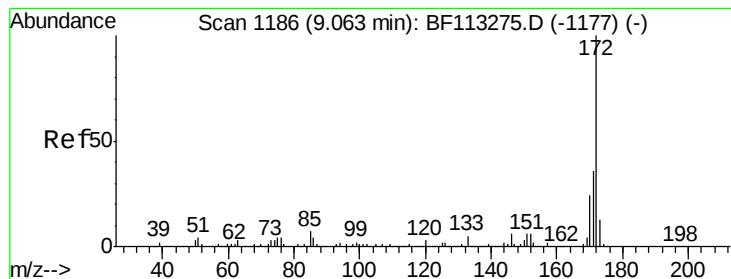


#44
 2,4,5-Trichlorophenol
 Concen: 42.758 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.4	113.2
97	51.5	38.6	58.0
132	29.0	22.9	34.3

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





#45

2-Fluorobiphenyl

Concen: 89.372 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

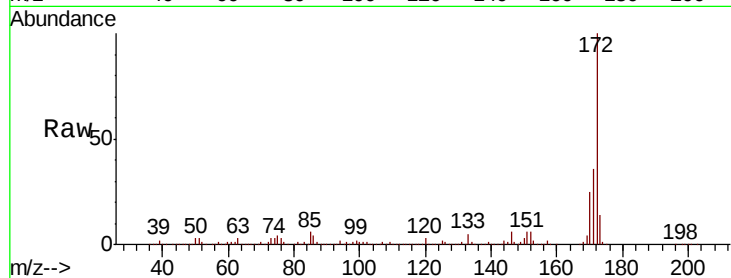
Tgt Ion:172 Resp: 1573620

Ion Ratio Lower Upper

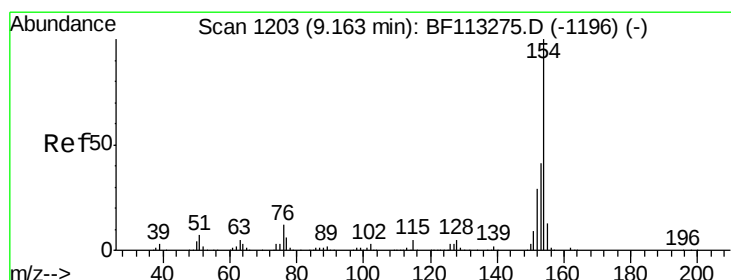
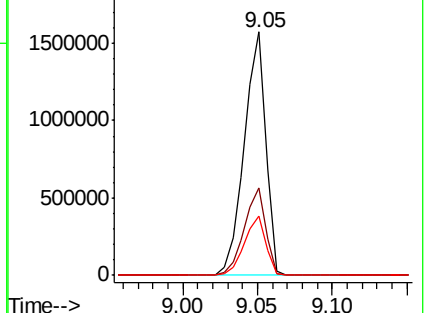
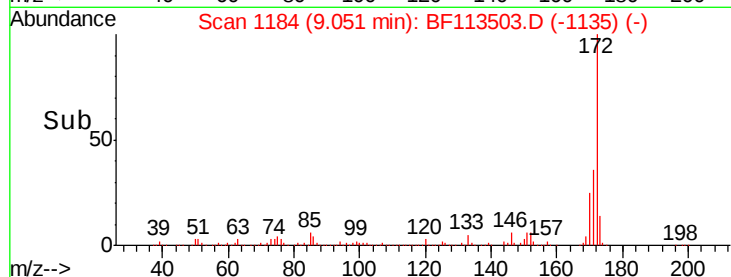
172 100

171 36.1 29.0 43.6

170 24.6 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.100 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

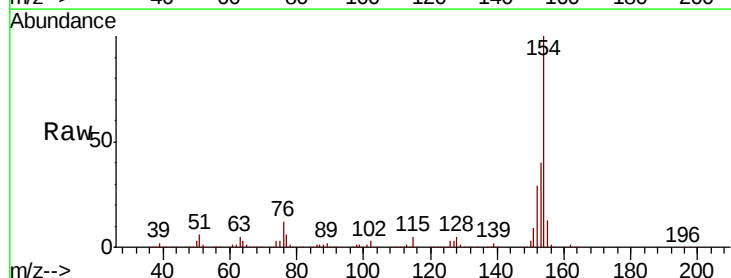
Tgt Ion:154 Resp: 980321

Ion Ratio Lower Upper

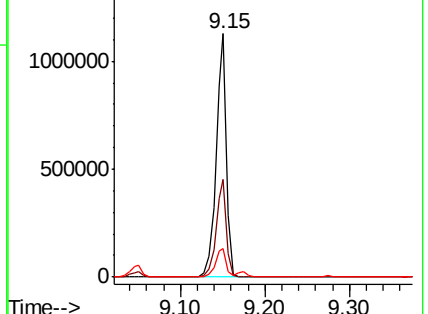
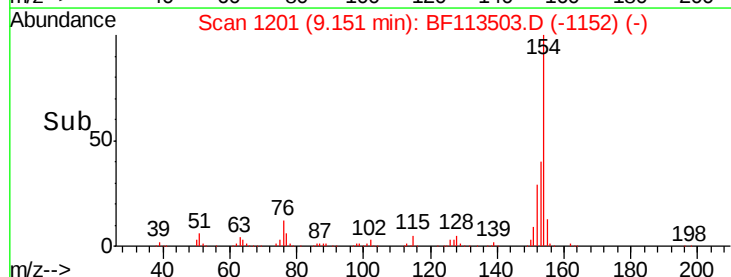
154 100

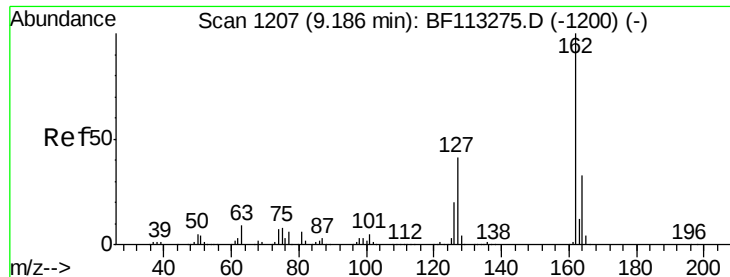
153 40.2 20.8 60.8

76 11.8 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

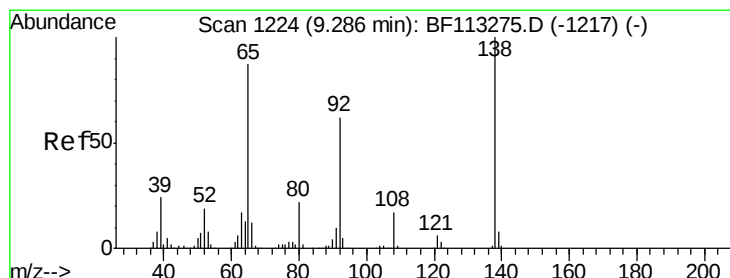
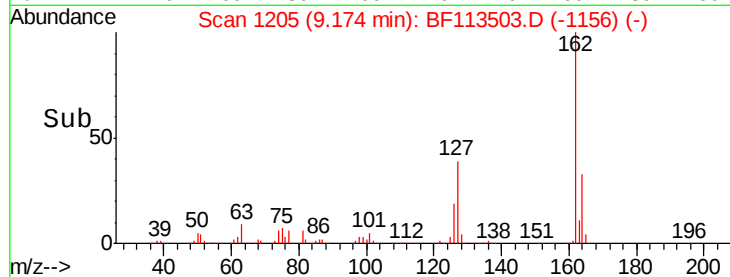
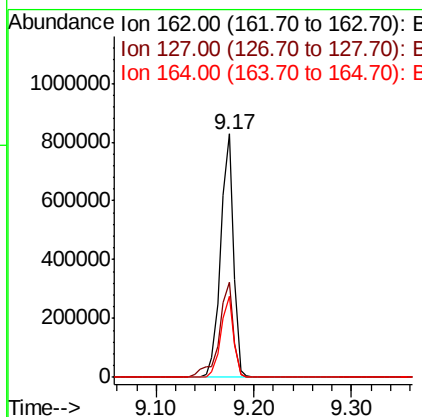
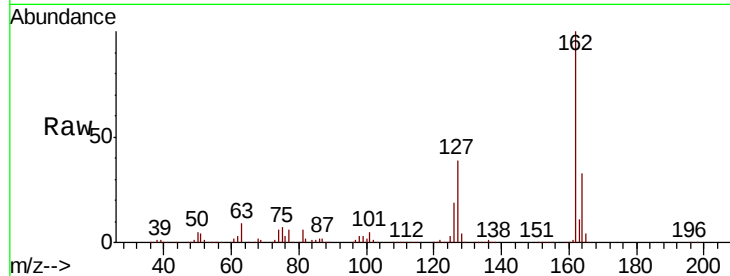




#47
 2-Chloronaphthalene
 Concen: 42.293 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

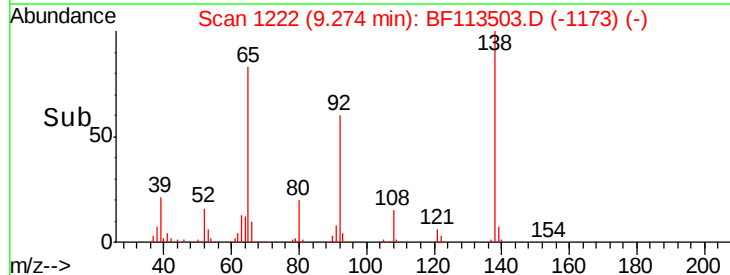
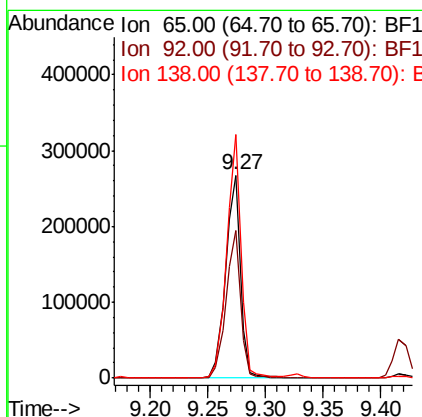
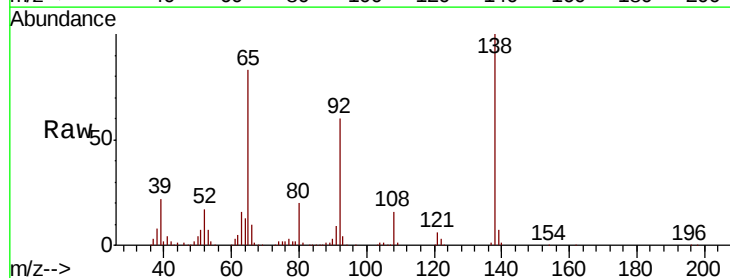
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

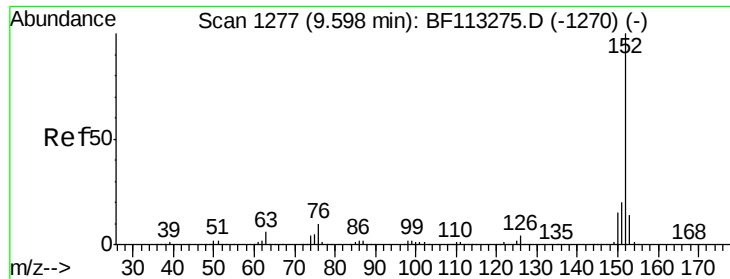
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.6	49.0
164	33.2	26.6	39.8



#48
 2-Nitroaniline
 Concen: 42.797 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	56.8	85.2
138	119.8	92.3	138.5





#49

Acenaphthylene

Concen: 41.875 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

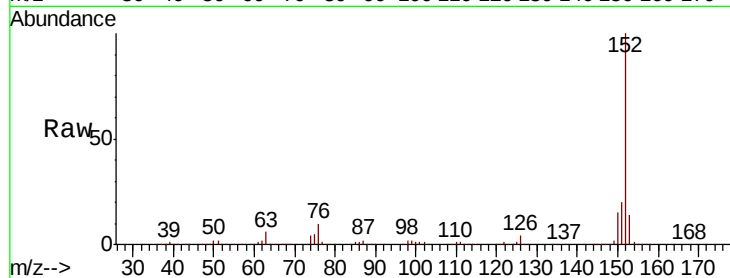
Tgt Ion:152 Resp: 1213909

Ion Ratio Lower Upper

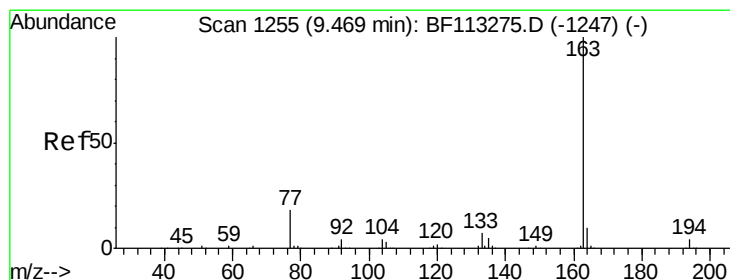
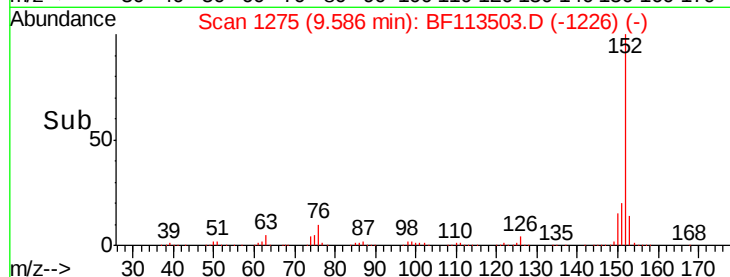
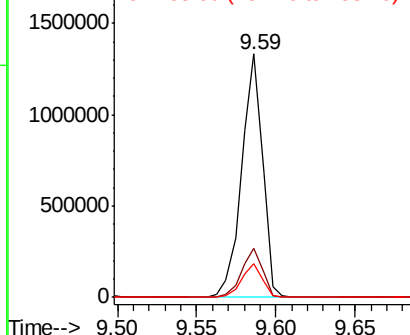
152 100

151 20.3 16.2 24.4

153 13.7 11.0 16.6



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



#50

Dimethylphthalate

Concen: 50.491 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

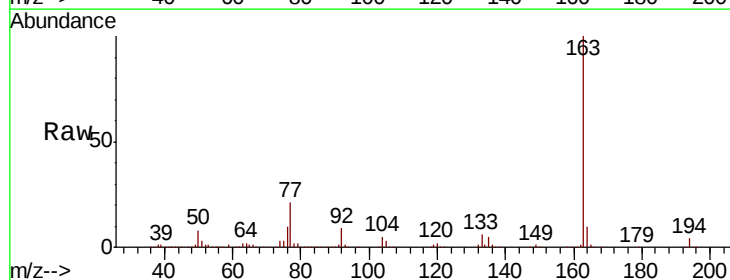
Tgt Ion:163 Resp: 1043225

Ion Ratio Lower Upper

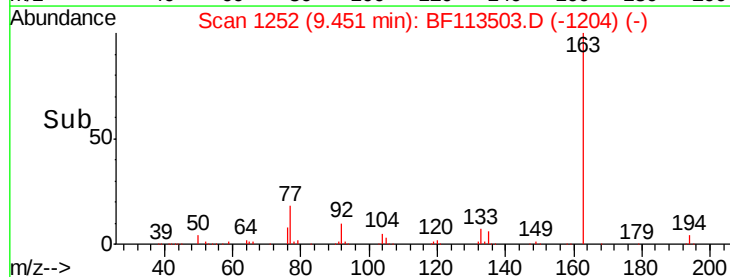
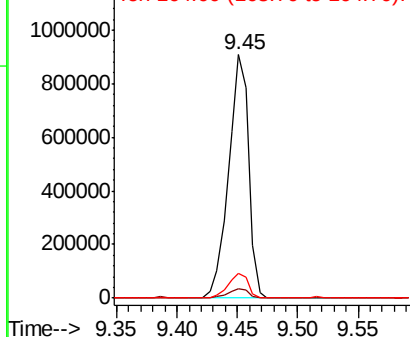
163 100

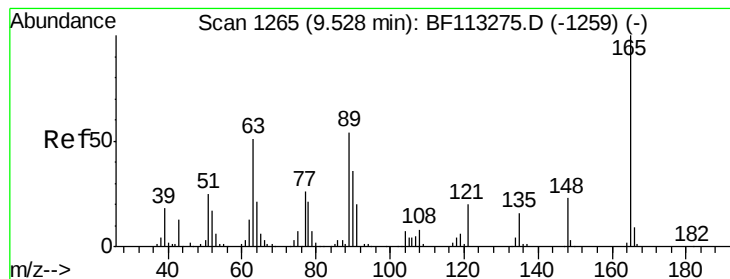
194 3.9 3.0 4.6

164 10.3 8.1 12.1



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





#51

2,6-Dinitrotoluene

Concen: 43.470 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

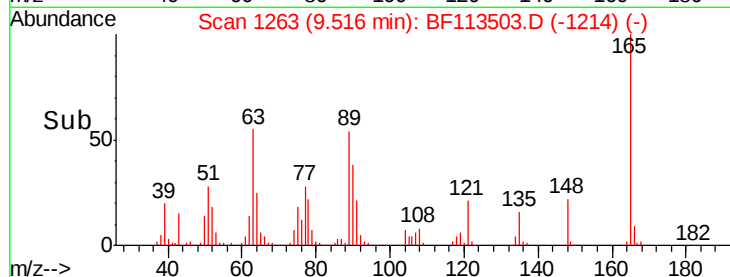
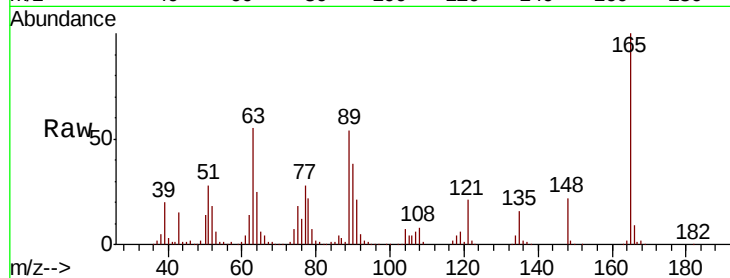
Tgt Ion:165 Resp: 202621

Ion Ratio Lower Upper

165 100

63 54.8 43.4 65.0

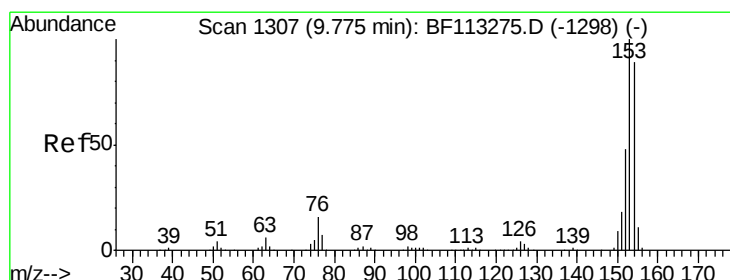
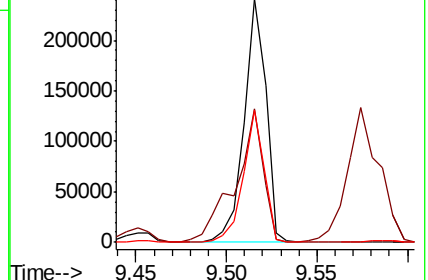
89 54.2 43.1 64.7



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: 42.866 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

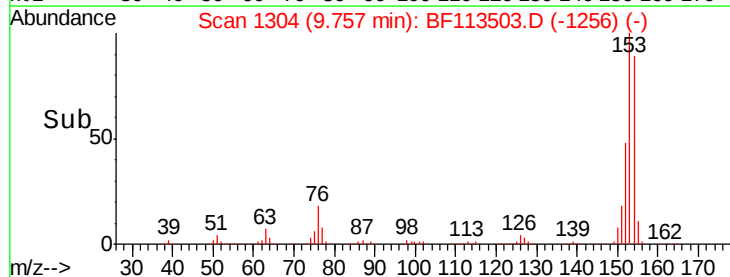
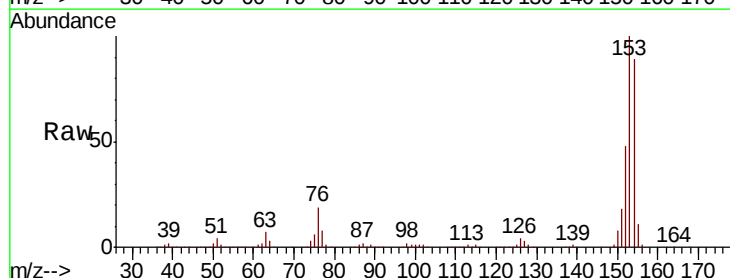
Tgt Ion:154 Resp: 699793

Ion Ratio Lower Upper

154 100

153 112.5 89.5 134.3

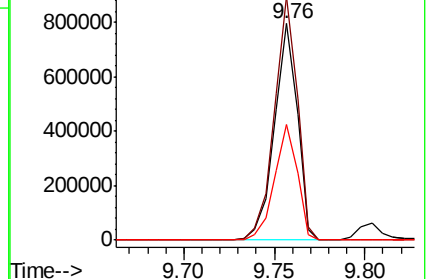
152 53.4 43.3 64.9

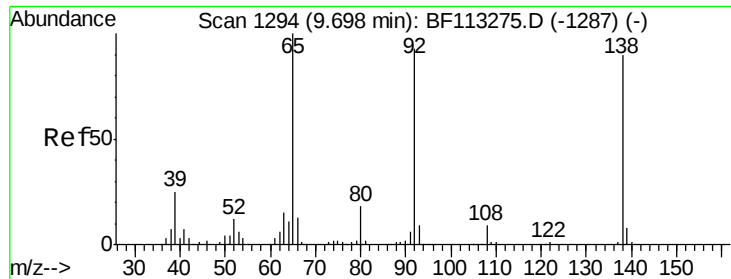


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

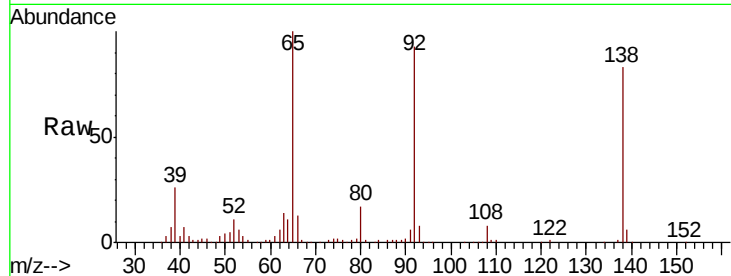




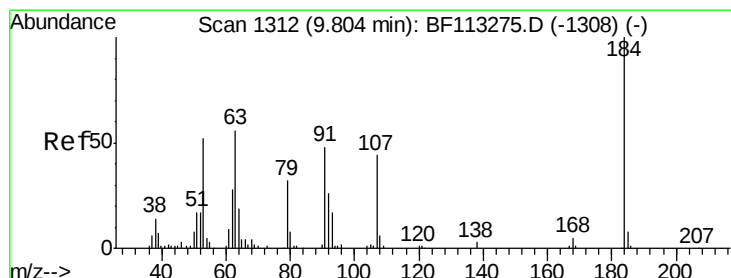
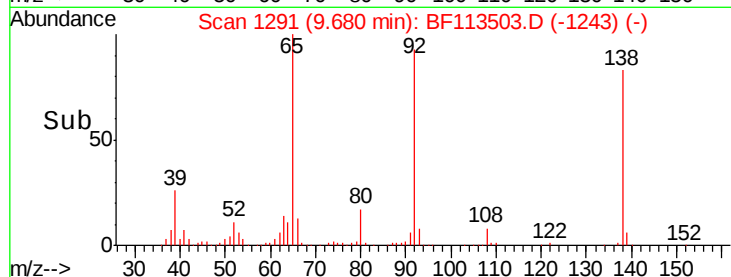
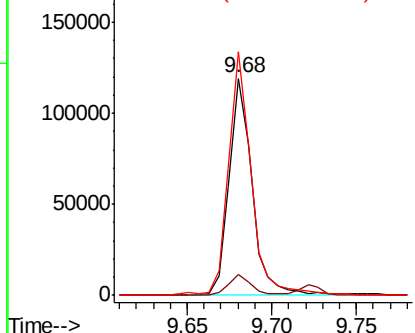
#53
3-Nitroaniline
Concen: 21.432 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion:138 Resp: 112657
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.6
92 112.2 82.6 124.0

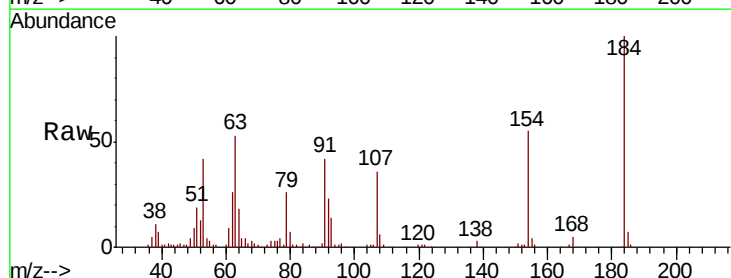


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

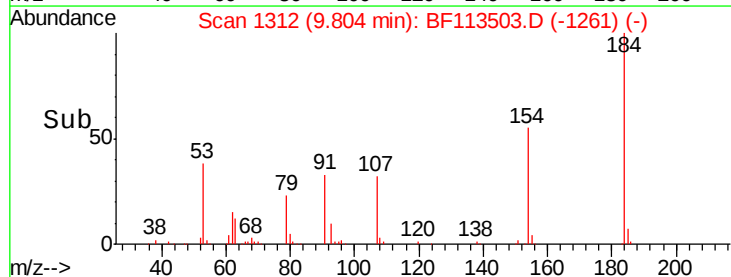
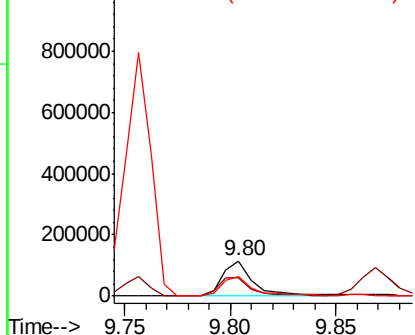


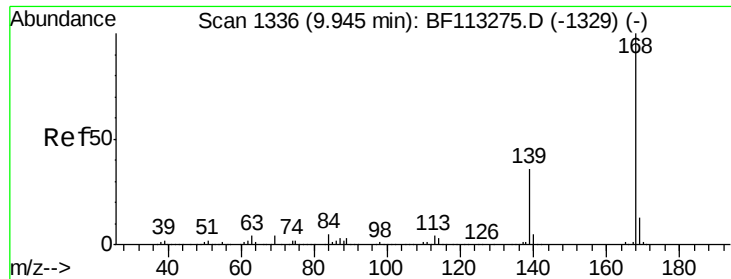
#54
2,4-Dinitrophenol
Concen: 50.071 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion:184 Resp: 116080
Ion Ratio Lower Upper
184 100
63 52.6 54.3 81.5#
154 54.6 48.4 72.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

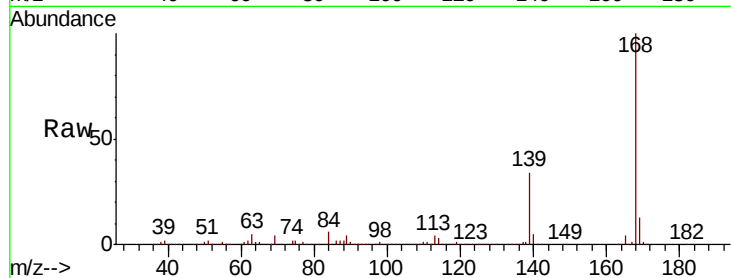




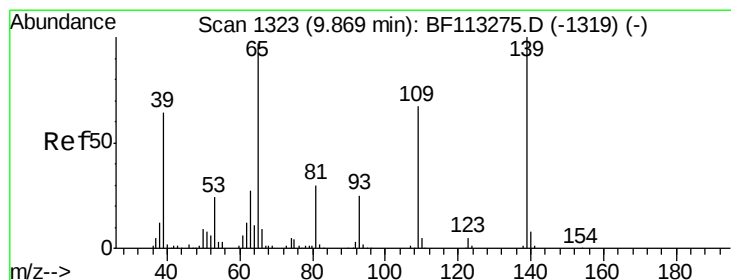
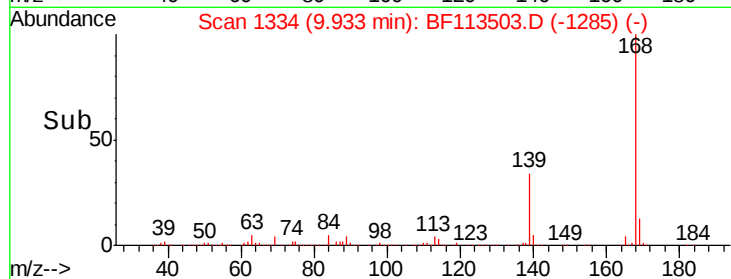
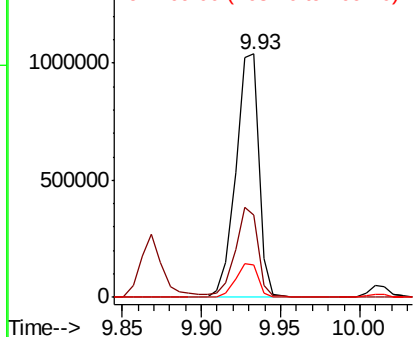
#55
Dibenzofuran
Concen: 42.704 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion:168 Resp: 1048065
Ion Ratio Lower Upper
168 100
139 34.0 29.7 44.5
169 13.2 10.7 16.1

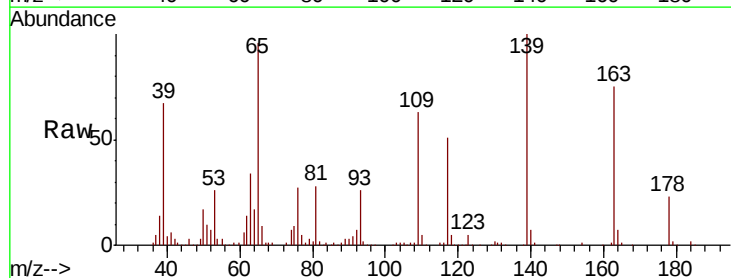


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

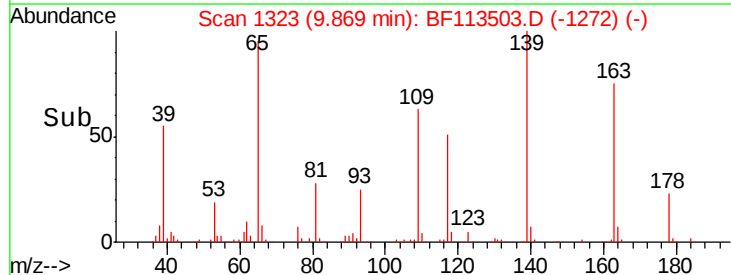
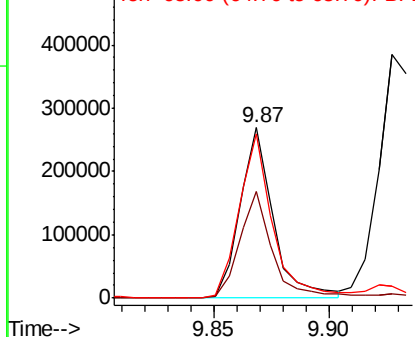


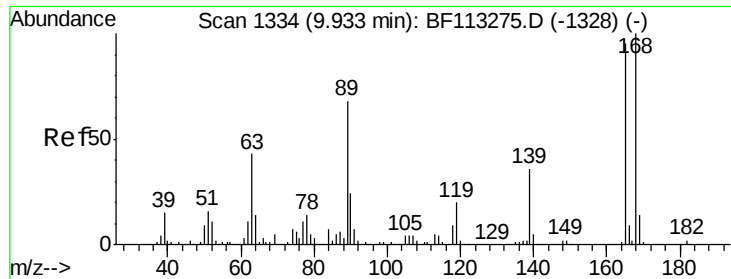
#56
4-Nitrophenol
Concen: 72.244 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion:139 Resp: 270737
Ion Ratio Lower Upper
139 100
109 62.9 46.9 86.9
65 96.2 77.2 117.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

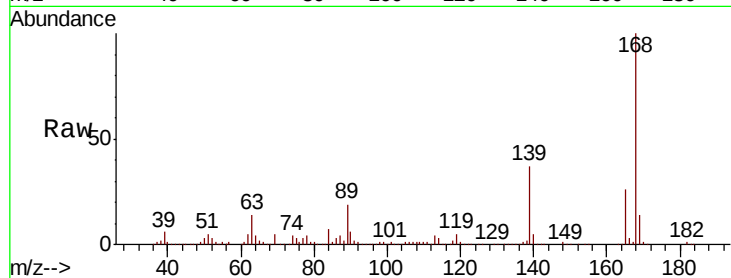




#57
2,4-Dinitrotoluene
Concen: 42.773 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	37.5	56.3
89	71.7	57.4	86.2
182	2.5	2.0	3.0



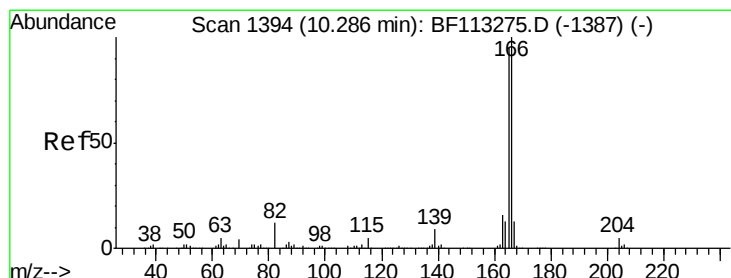
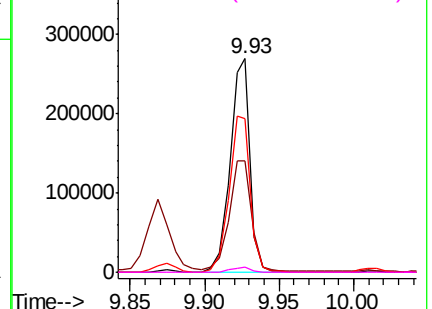
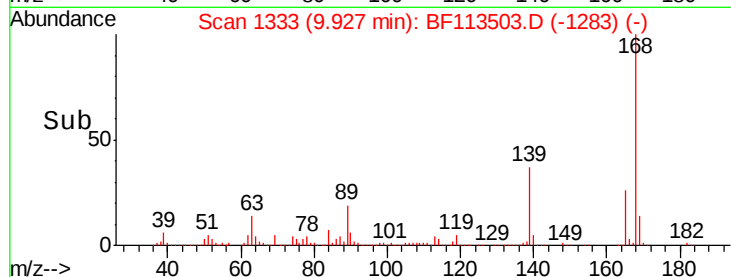
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

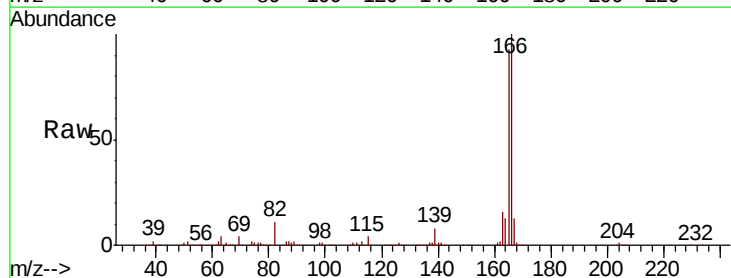
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.095 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	76.2	114.2
167	13.1	10.7	16.1

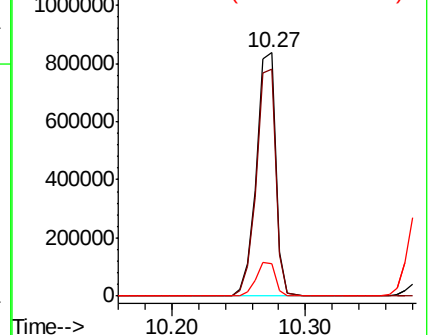
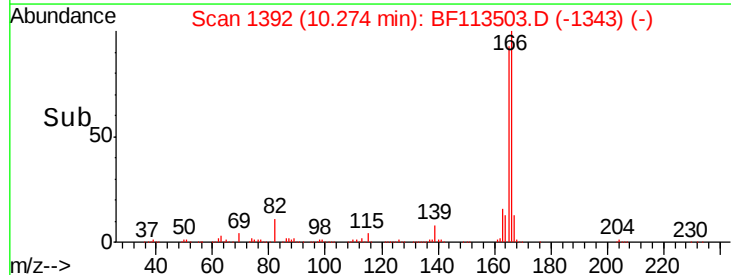


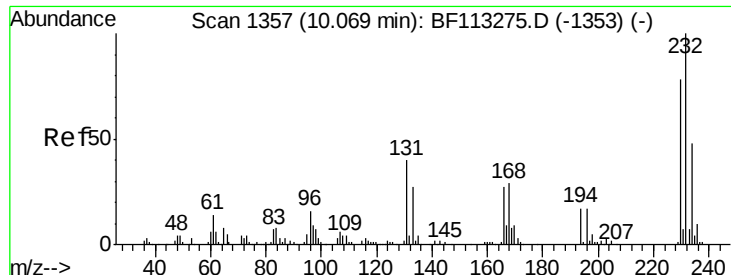
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

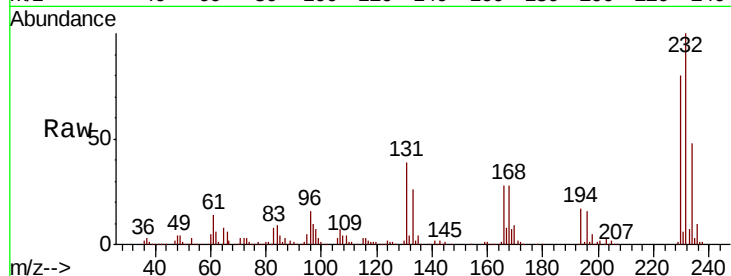




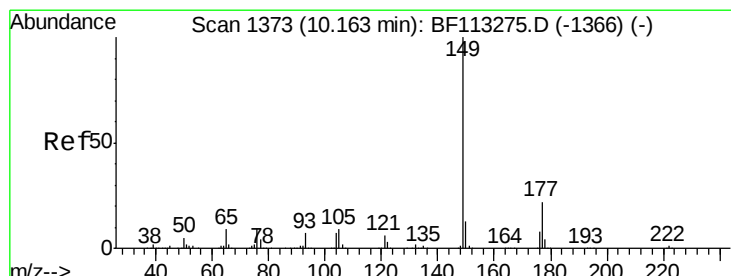
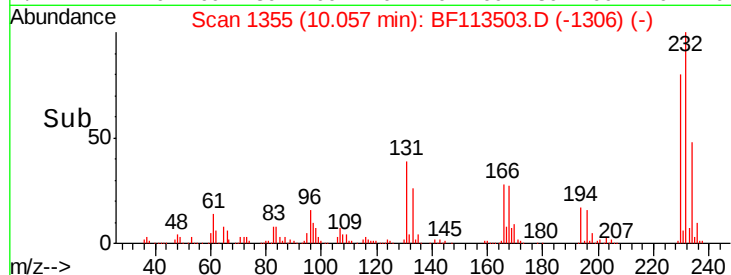
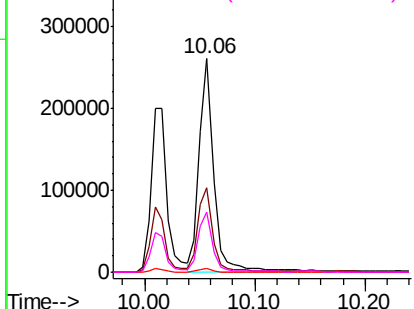
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.566 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:	232	Resp:	232163
Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.2	49.8
130	1.9	1.6	2.4
166	27.8	21.0	31.6

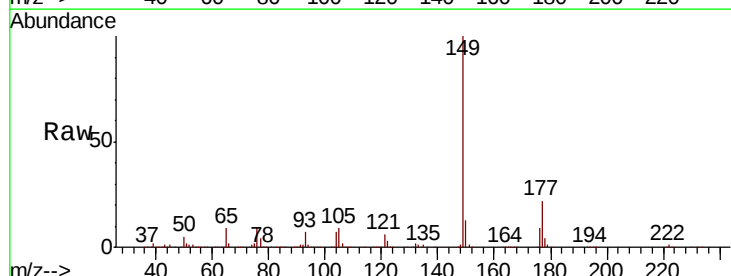


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

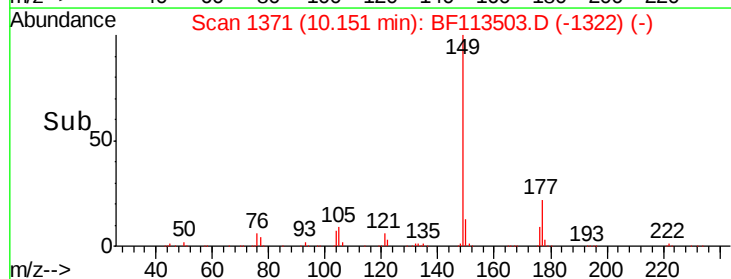
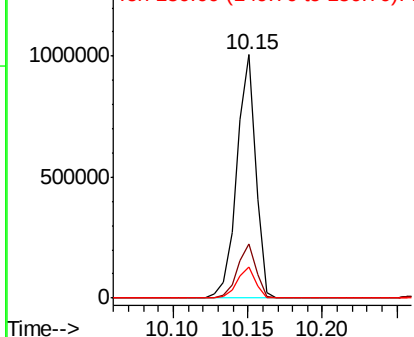


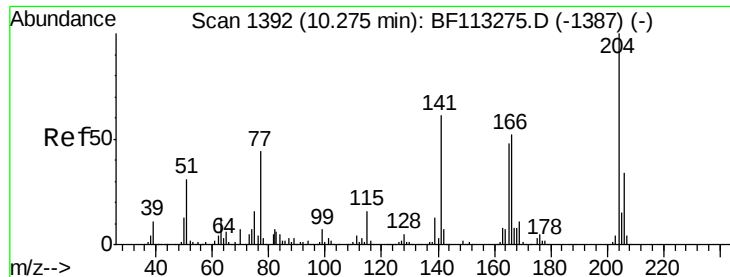
#60
 Diethylphthalate
 Concen: 44.152 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:	149	Resp:	894906
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.0
150	12.8	10.0	15.0



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

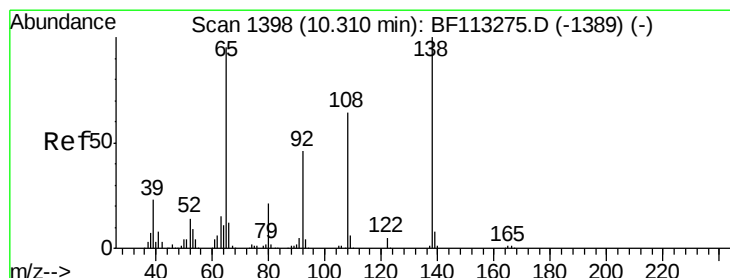
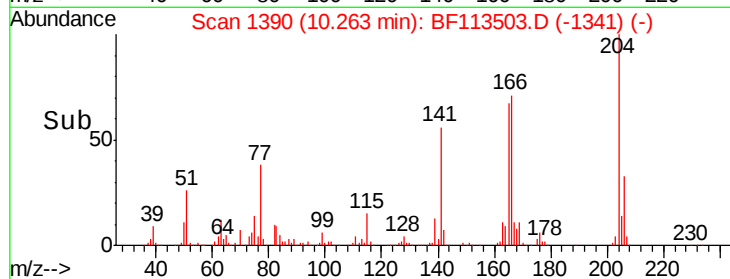
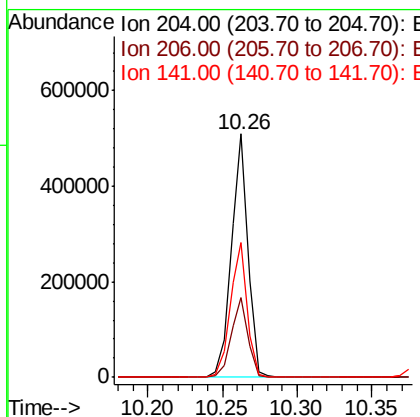
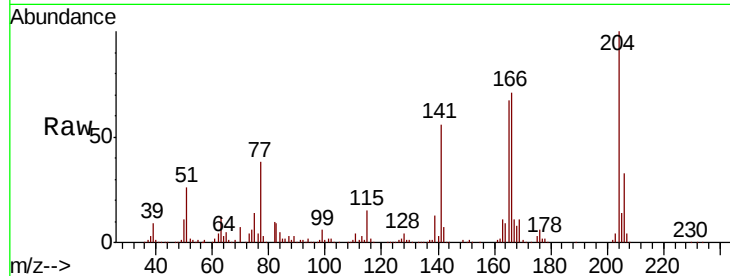




#61
 4-Chlorophenyl-phenylether
 Concen: 43.378 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

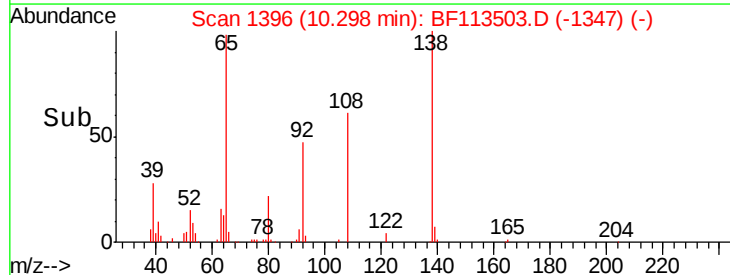
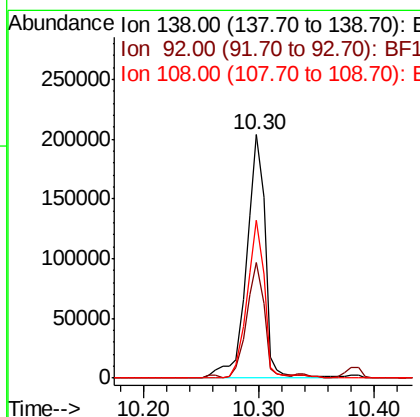
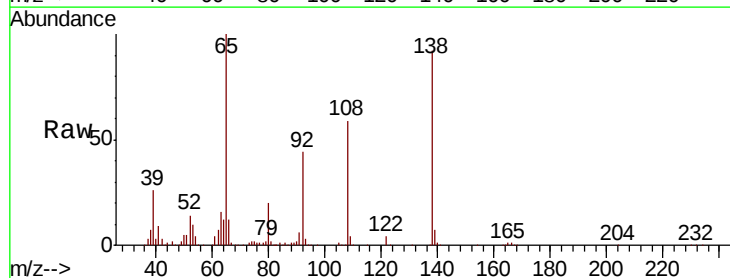
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

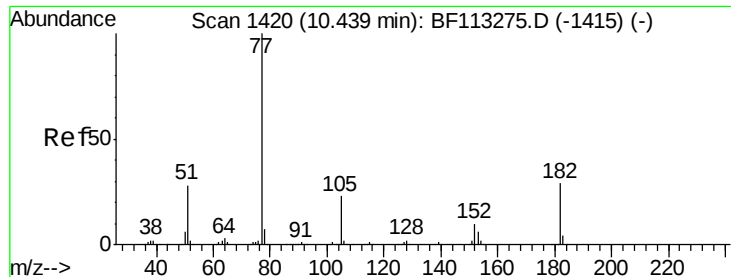
Tgt Ion:	204	Resp:	403077
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.9	40.3
141	55.6	48.8	73.2



#62
 4-Nitroaniline
 Concen: 41.975 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:	138	Resp:	227170
Ion	Ratio	Lower	Upper
138	100		
92	47.7	25.8	65.8
108	64.7	44.0	84.0





#63

Azobenzene

Concen: 43.033 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

Tgt Ion: 77 Resp: 821046

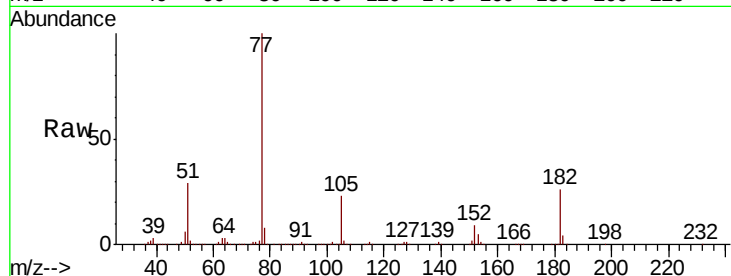
Ion Ratio Lower Upper

77 100

182 25.7 8.7 48.7

105 22.9 2.9 42.9

51 29.3 8.8 48.8

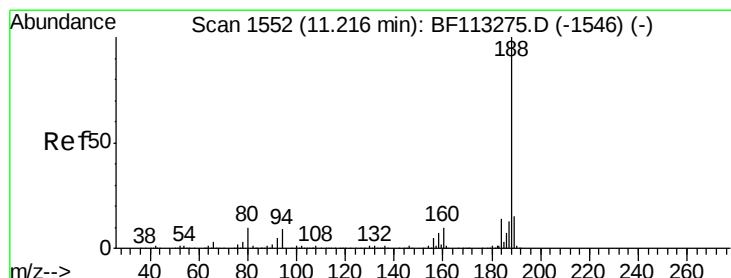
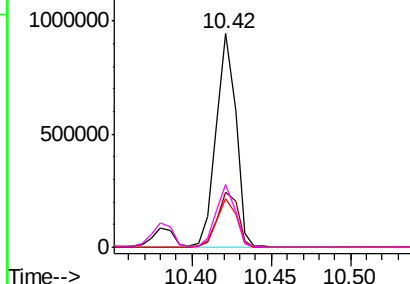
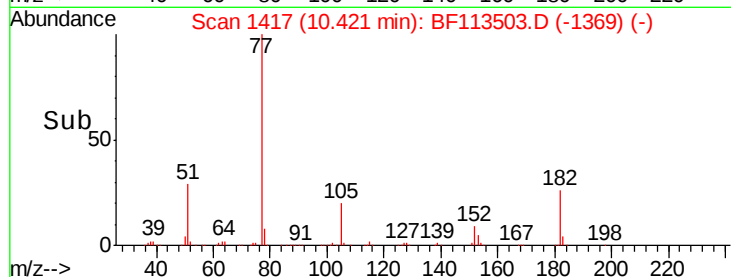


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

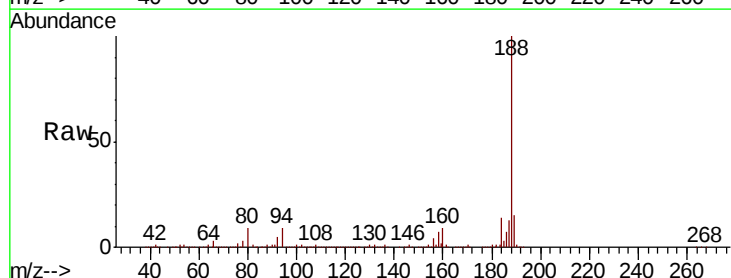
Tgt Ion: 188 Resp: 567292

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

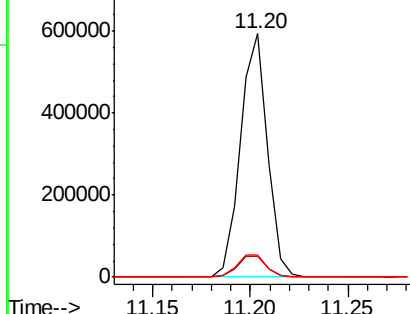
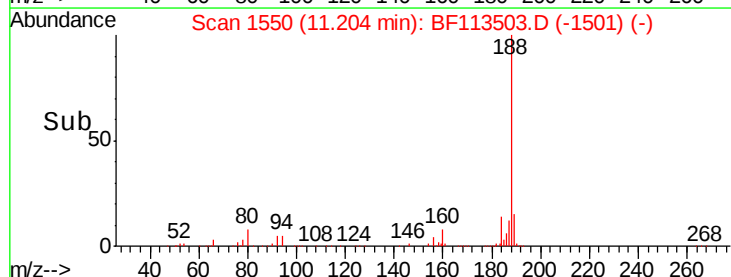
80 8.9 7.7 11.5

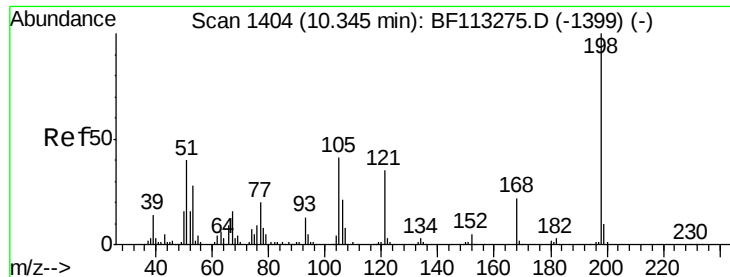


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

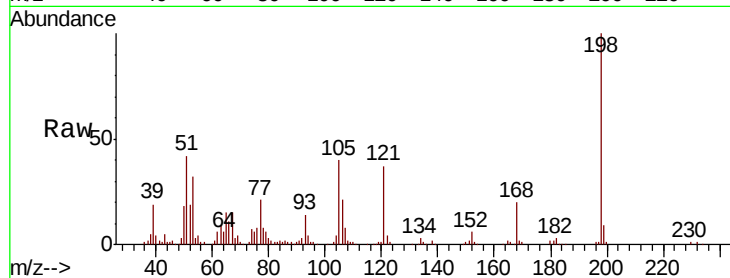




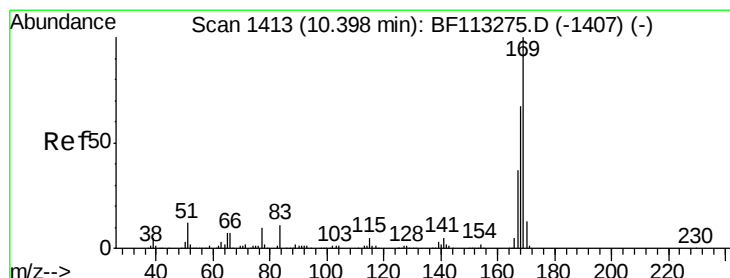
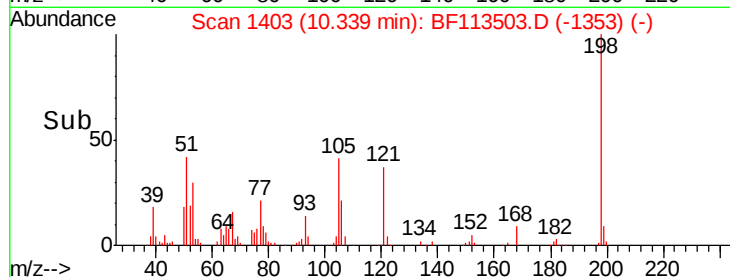
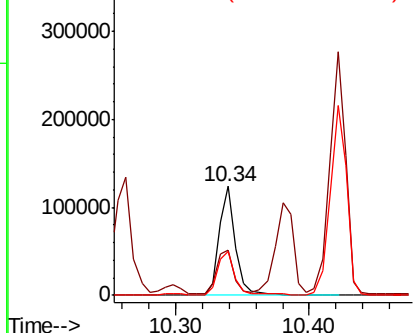
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.569 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:198 Resp: 107278
 Ion Ratio Lower Upper
 198 100
 51 42.1 21.6 61.6
 105 39.9 20.6 60.6

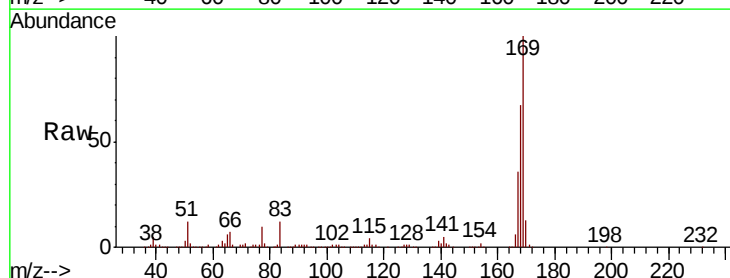


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

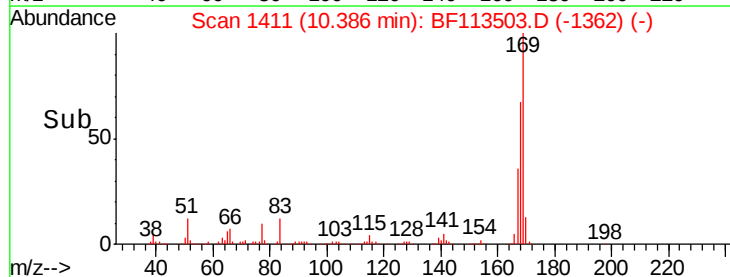
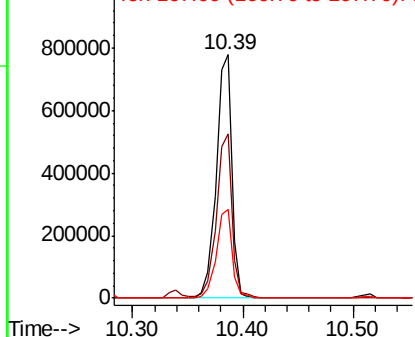


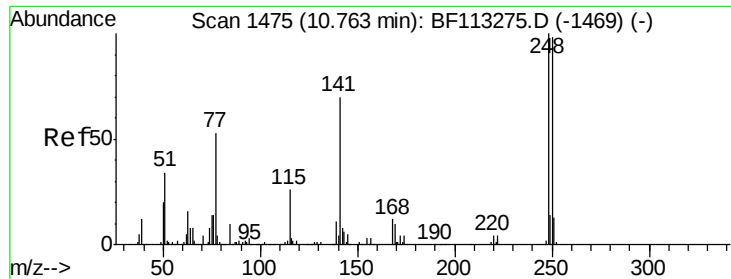
#66
 n-Nitrosodiphenylamine
 Concen: 43.480 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:169 Resp: 756878
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.7 80.5
 167 36.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

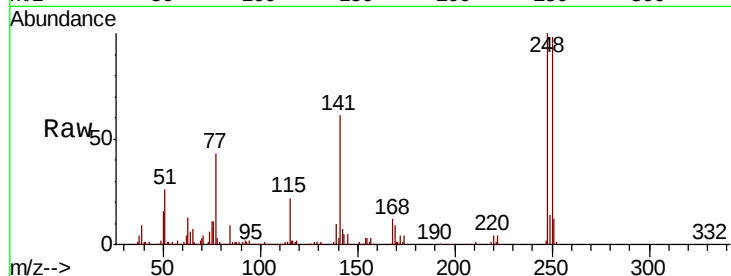




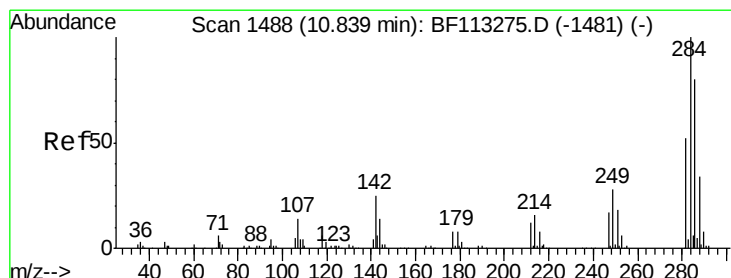
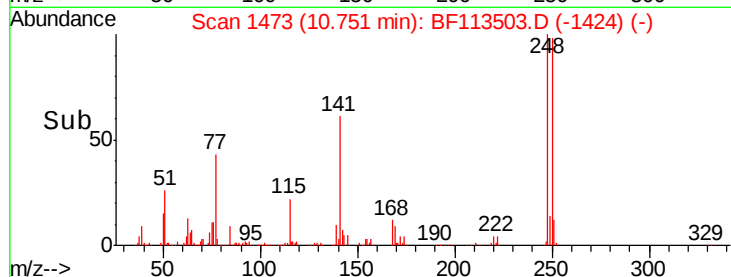
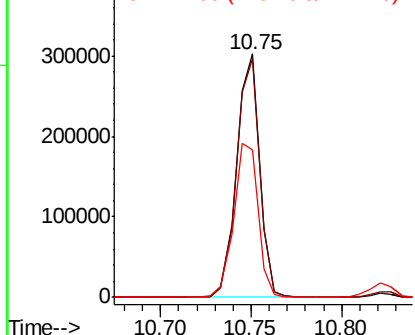
#67
4-Bromophenyl-phenylether
Concen: 43.340 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion:248 Resp: 267969
Ion Ratio Lower Upper
248 100
250 97.8 78.3 117.5
141 60.7 56.2 84.4

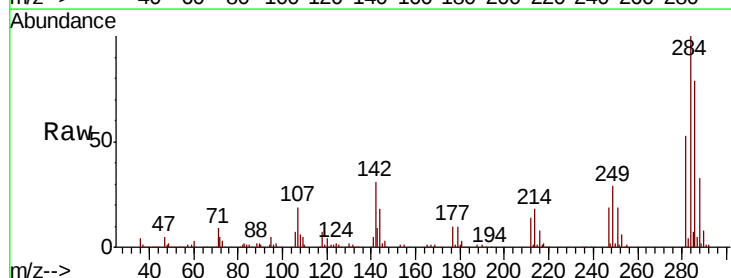


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

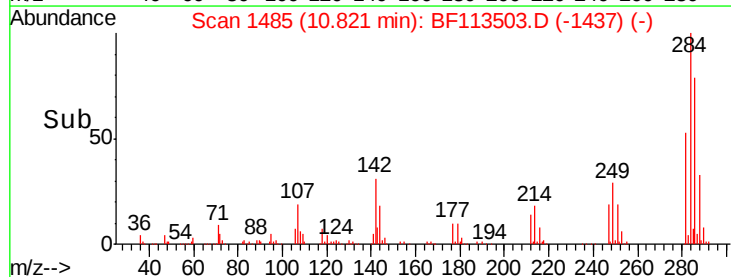
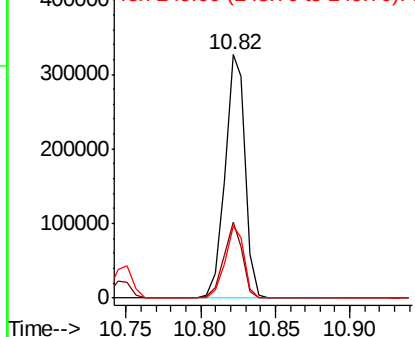


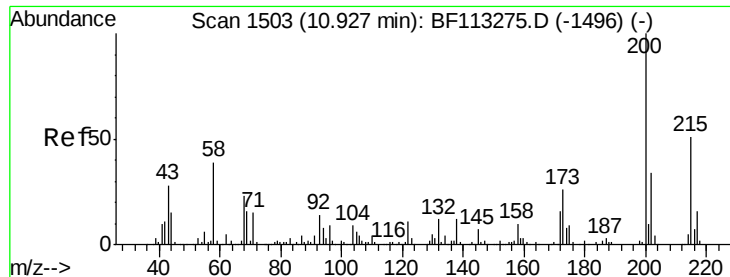
#68
Hexachlorobenzene
Concen: 43.435 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion:284 Resp: 311725
Ion Ratio Lower Upper
284 100
142 31.2 20.1 30.1#
249 29.5 22.7 34.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

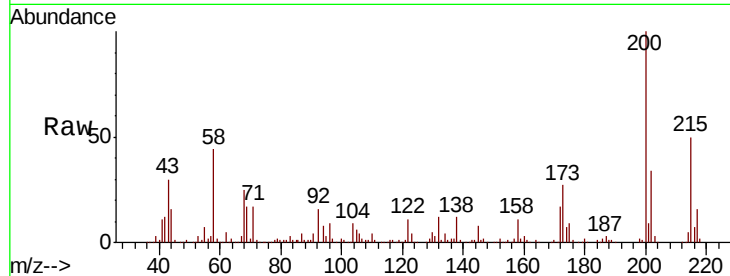




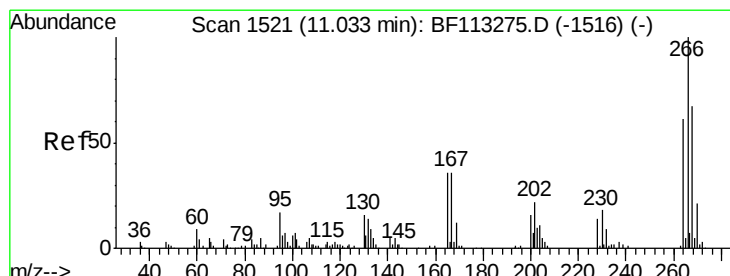
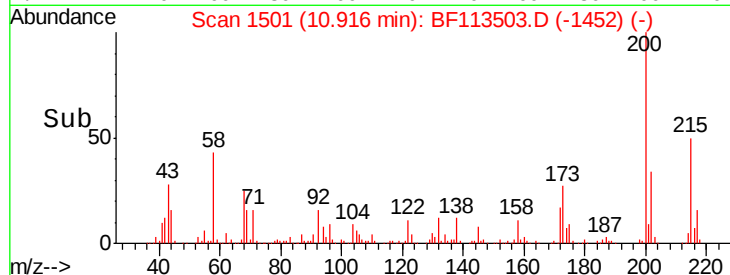
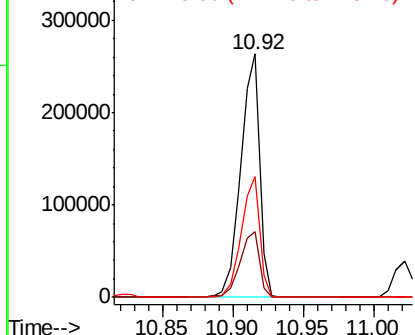
#69
 Atrazine
 Concen: 44.812 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:200 Resp: 246216
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.0 46.0
 215 49.7 31.3 71.3

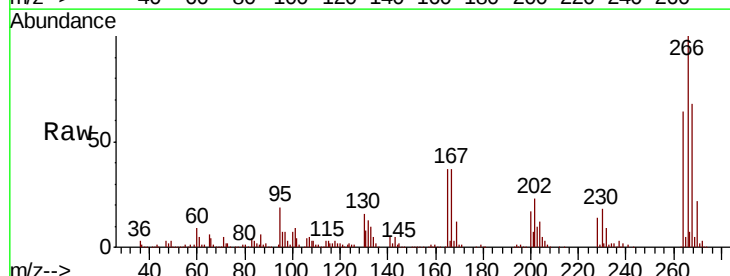


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

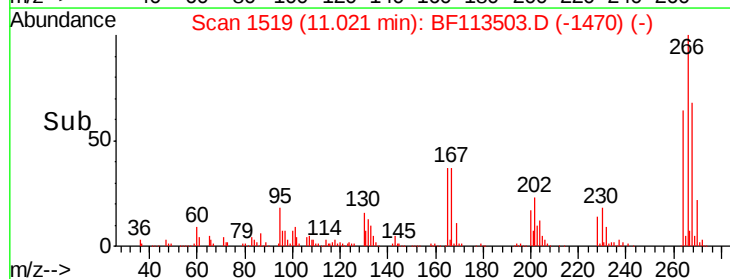
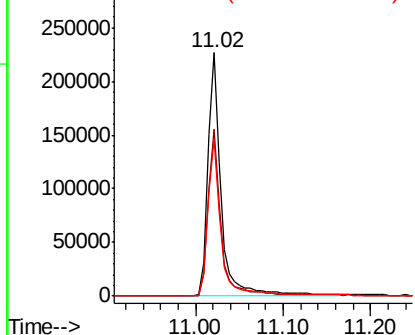


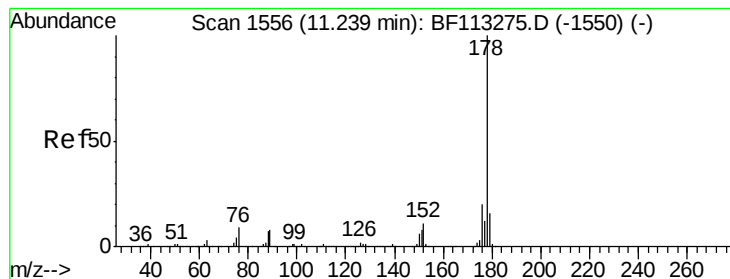
#70
 Pentachlorophenol
 Concen: 64.971 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:266 Resp: 242938
 Ion Ratio Lower Upper
 266 100
 268 68.5 53.8 80.6
 264 64.3 49.2 73.8



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





#71

Phenanthrene

Concen: 43.159 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

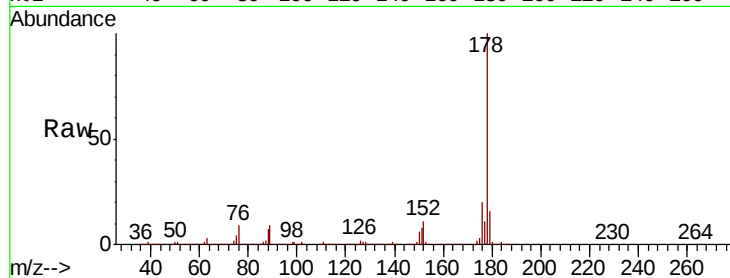
Tgt Ion:178 Resp: 1215869

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

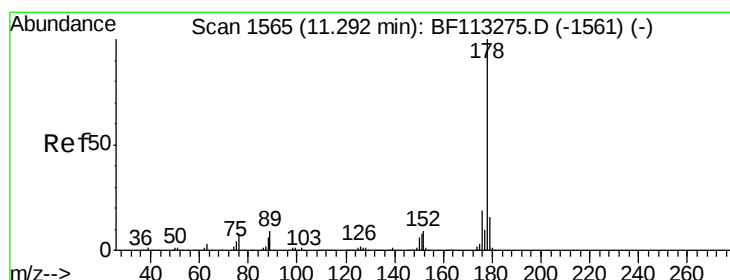
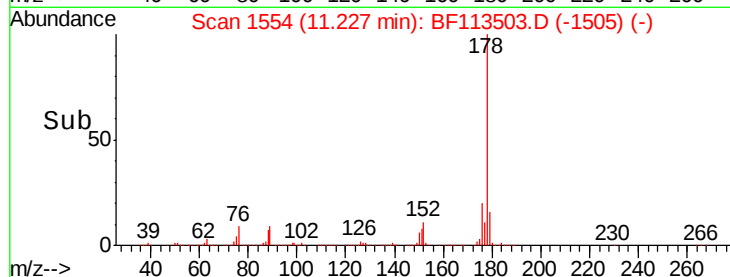
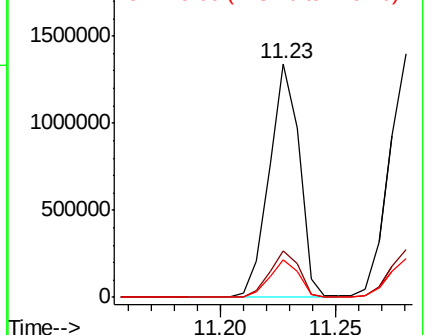
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.284 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

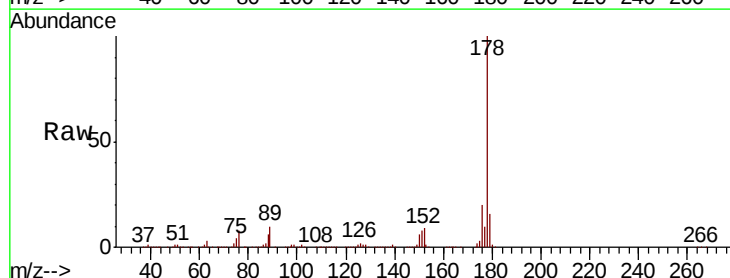
Tgt Ion:178 Resp: 1267188

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

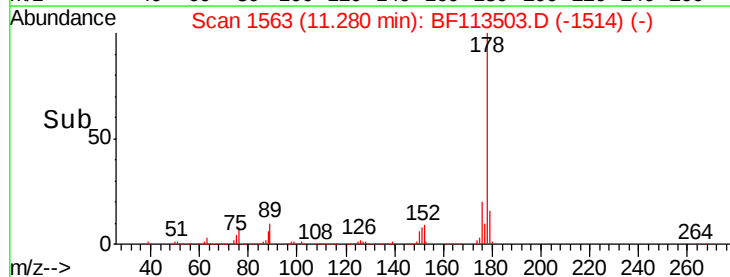
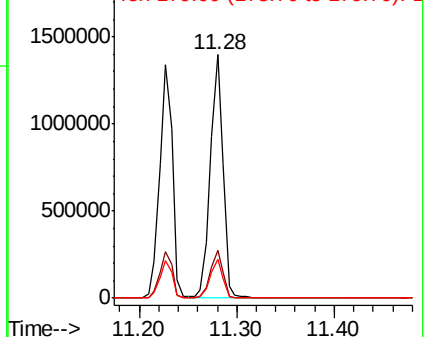
179 16.1 12.8 19.2

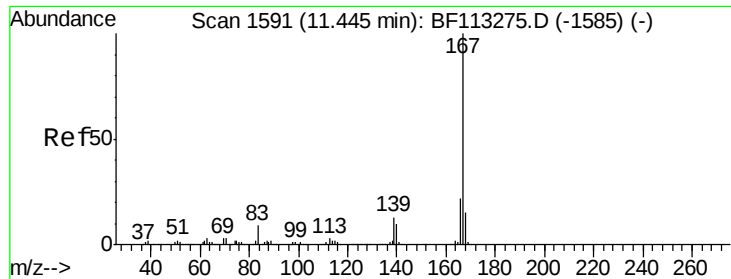


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

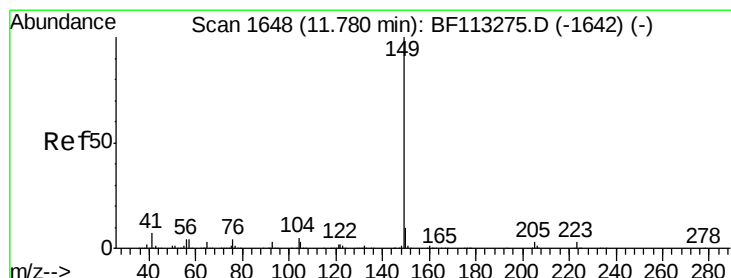
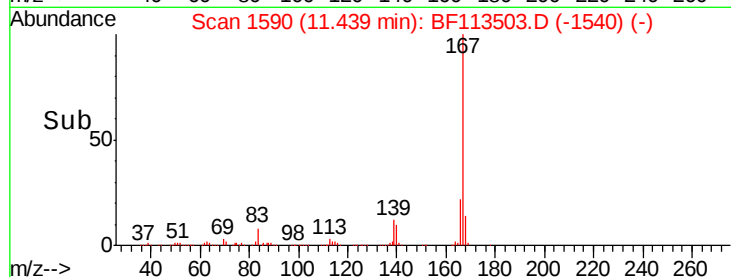
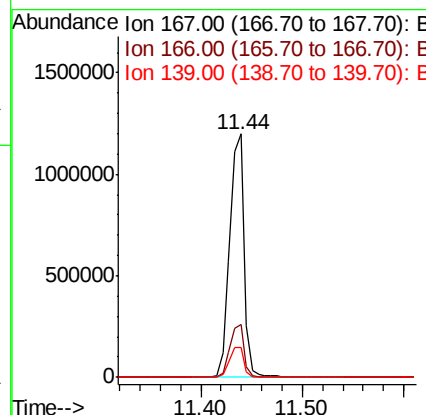
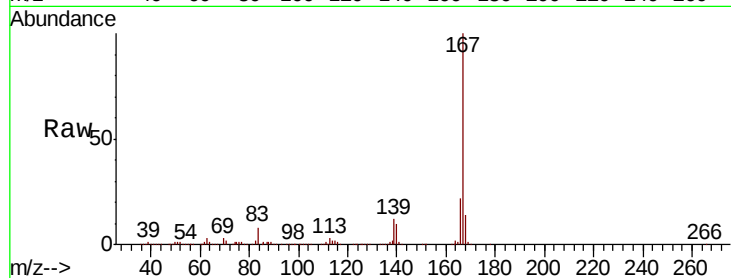




#73
 Carbazole
 Concen: 43.527 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

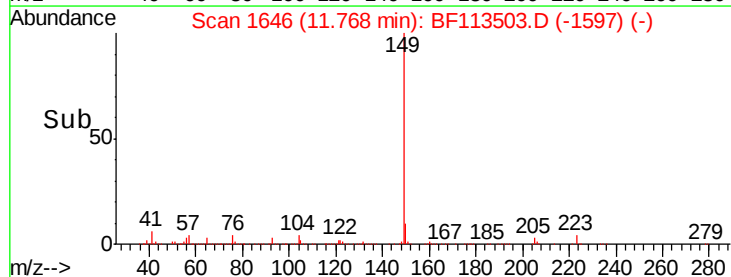
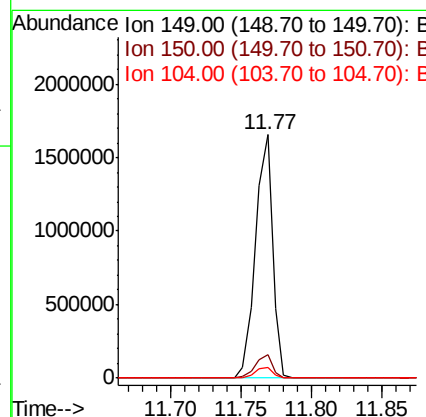
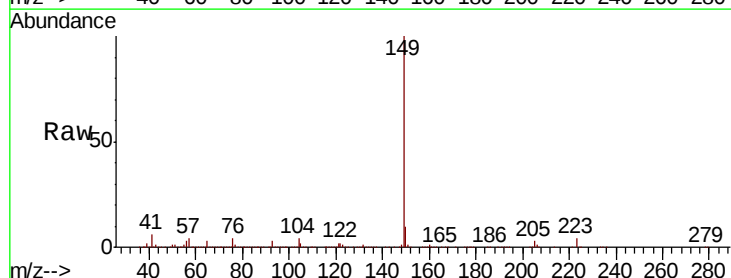
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

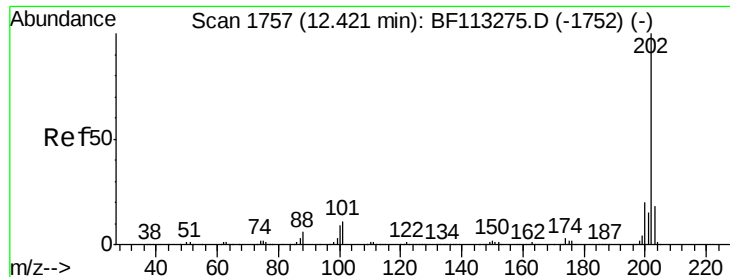
Tgt Ion:167 Resp: 1188516
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.3 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 44.946 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:149 Resp: 1423169
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 41.657 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

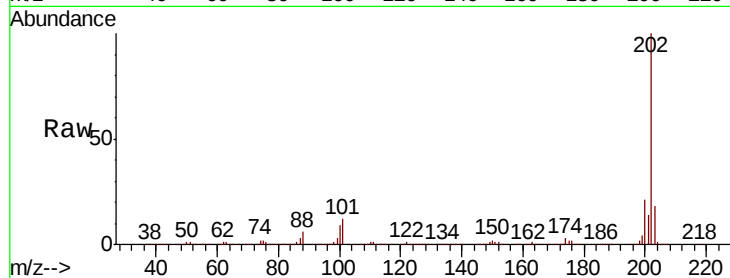
Tgt Ion:202 Resp: 1326673

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.4

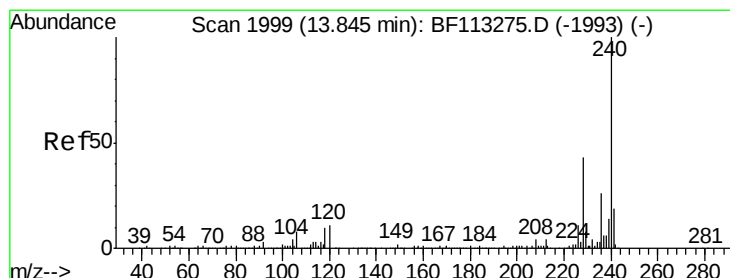
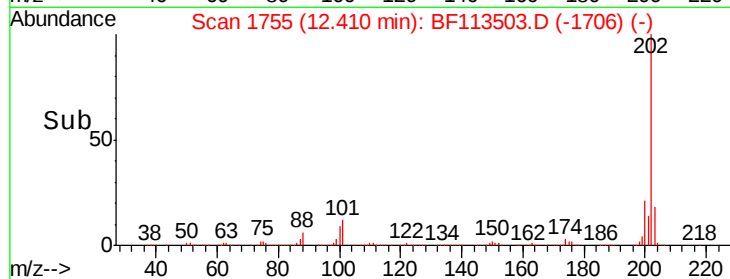
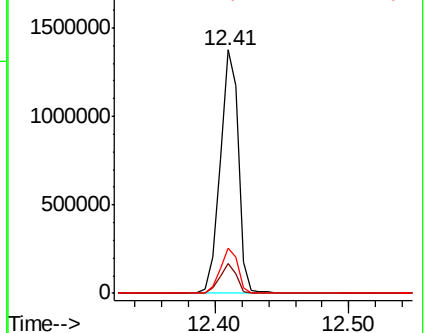
203 18.4 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

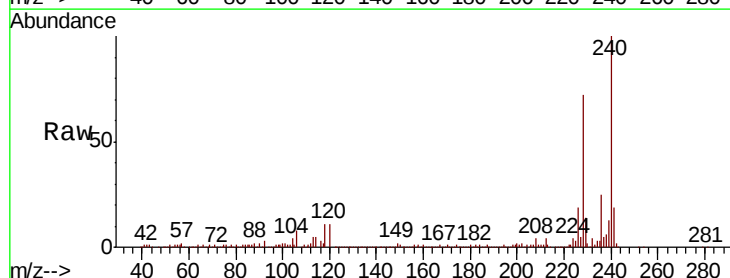
Tgt Ion:240 Resp: 388364

Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

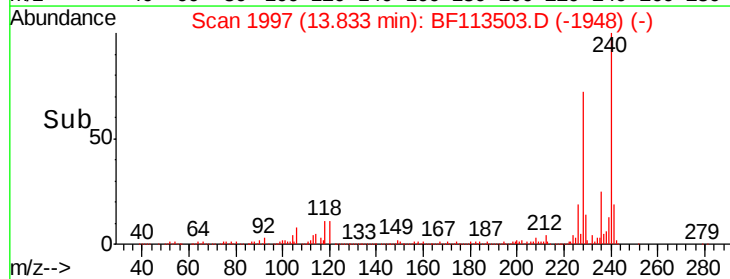
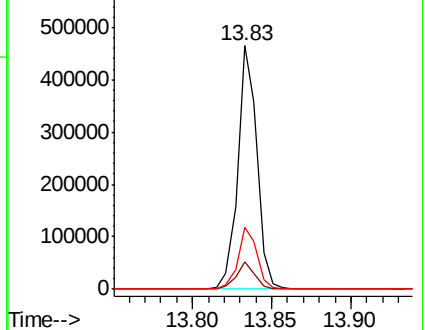
236 25.3 20.9 31.3

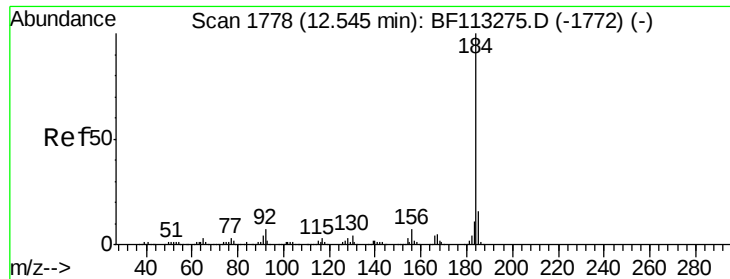


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.990 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

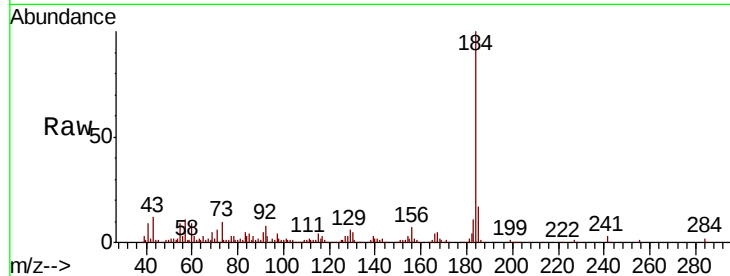
Tgt Ion:184 Resp: 208059

Ion Ratio Lower Upper

184 100

185 16.9 13.0 19.6

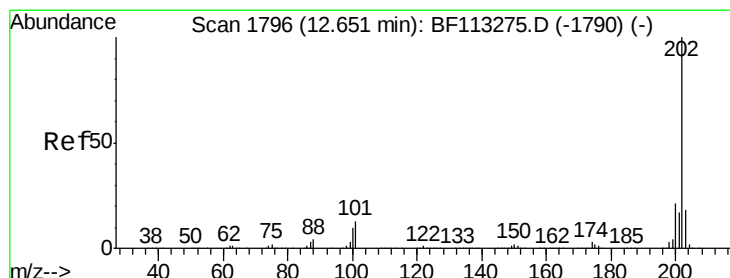
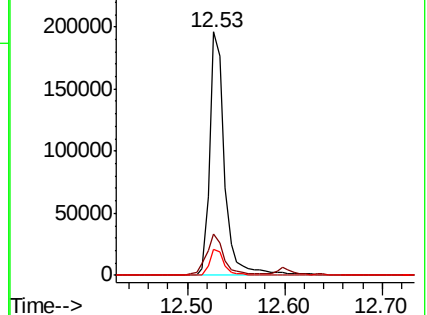
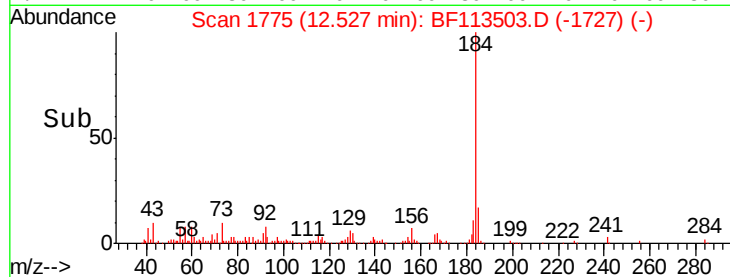
183 10.6 9.0 13.4



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: 48.871 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

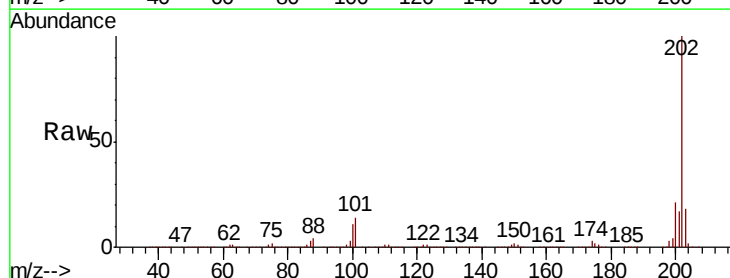
Tgt Ion:202 Resp: 1315236

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

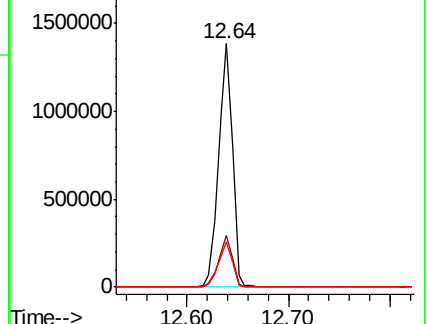
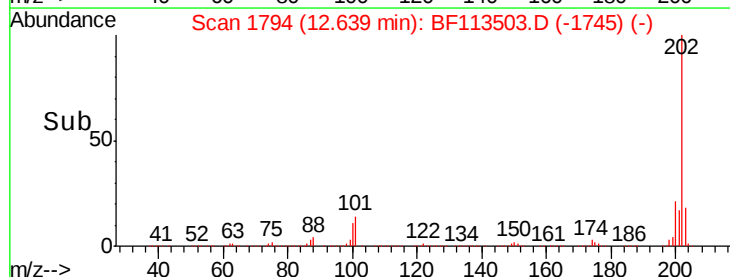
203 18.4 14.4 21.6

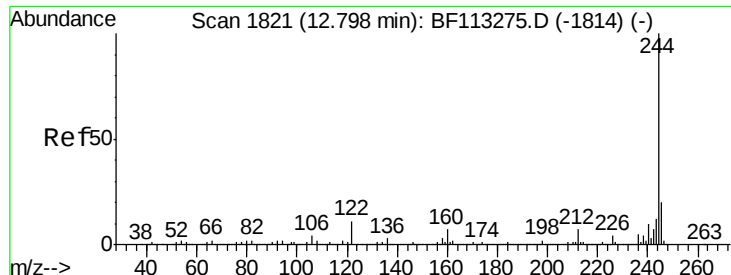


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

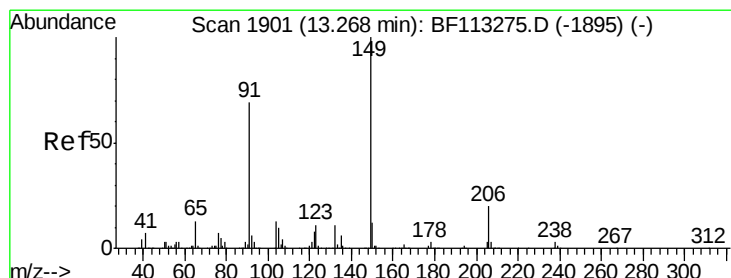
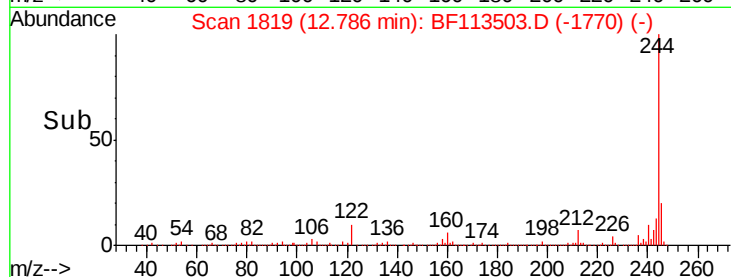
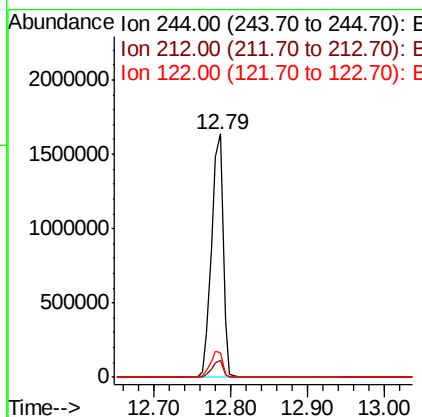
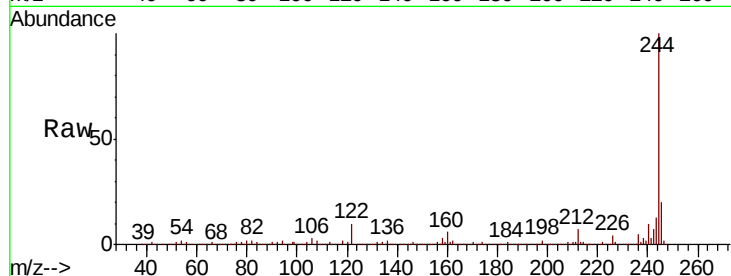




#79
 Terphenyl-d14
 Concen: 95.493 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

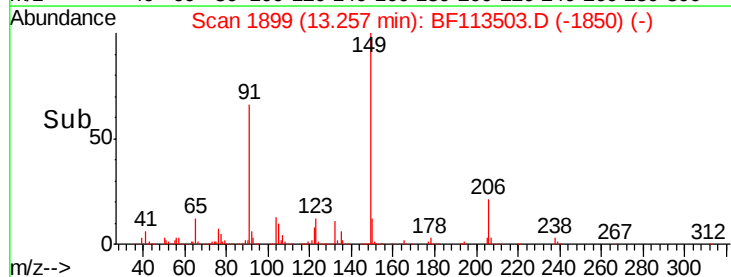
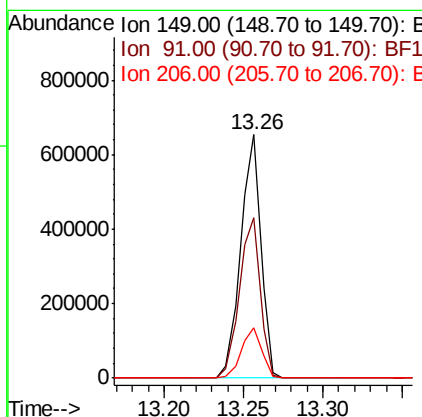
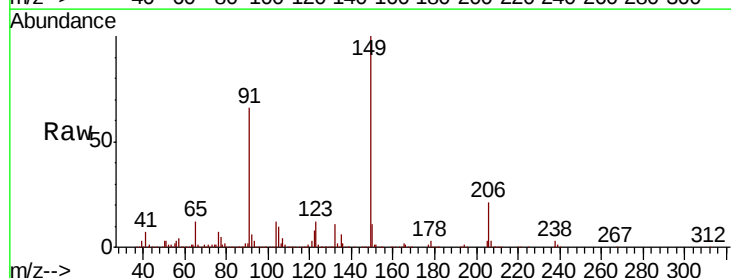
Instrument :
 BNA_F
 ClientSampleId :
 S4B(2-10)MS

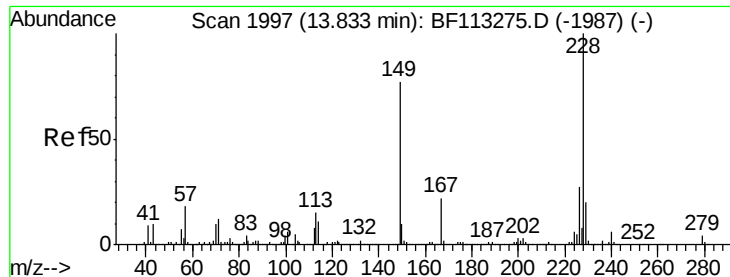
Tgt Ion:244 Resp: 1682539
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.1 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 48.587 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF113503.D
 Acq: 2 Apr 2019 14:02

Tgt Ion:149 Resp: 576263
 Ion Ratio Lower Upper
 149 100
 91 65.9 55.2 82.8
 206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 42.061 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

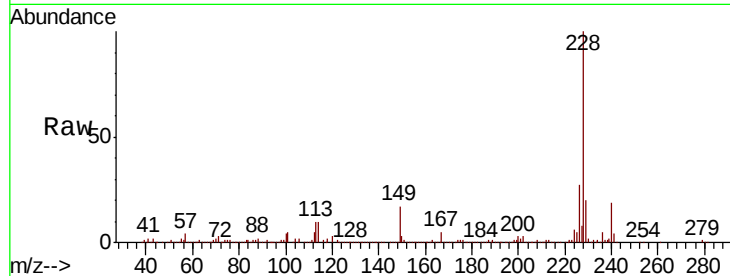
Tgt Ion: 228 Resp: 935037

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.9 16.2 24.4

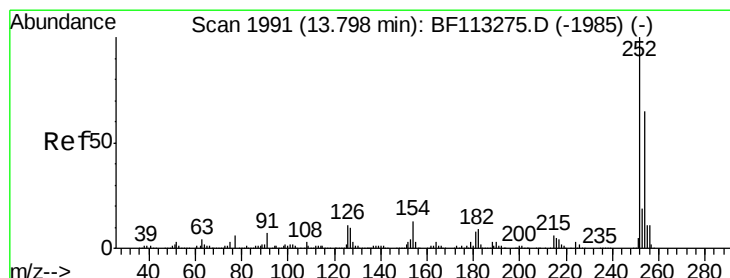
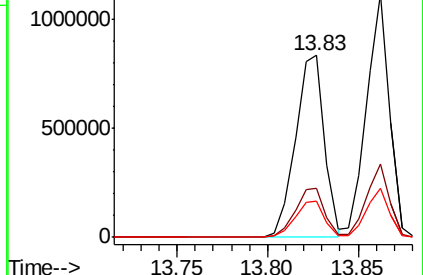
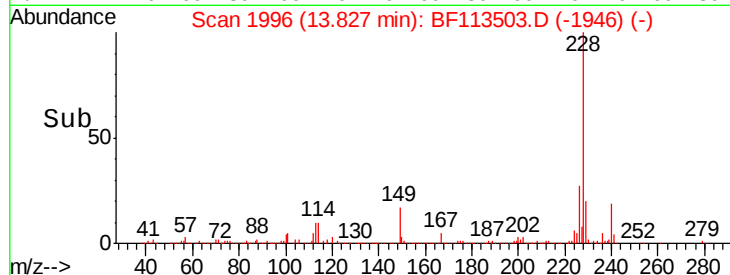


Abundance

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: 14.902 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

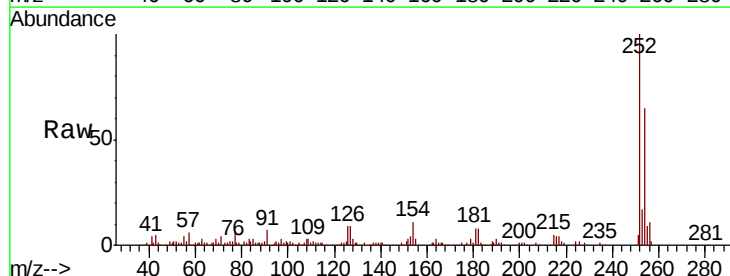
Tgt Ion: 252 Resp: 132896

Ion Ratio Lower Upper

252 100

254 65.5 52.2 78.2

126 9.4 8.5 12.7

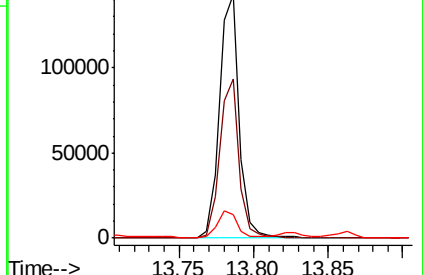
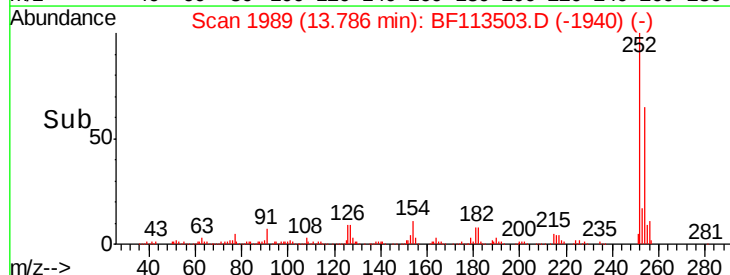


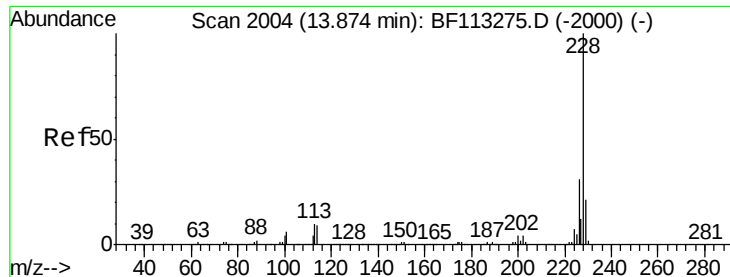
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.585 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

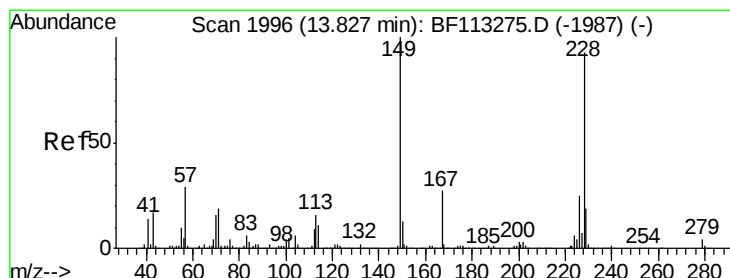
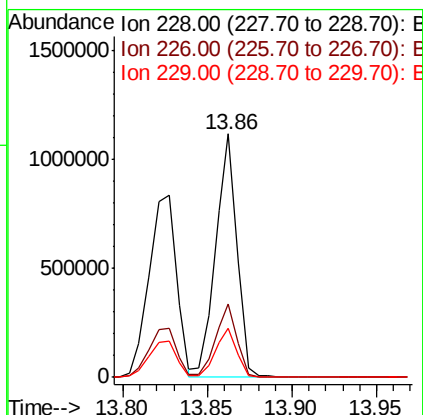
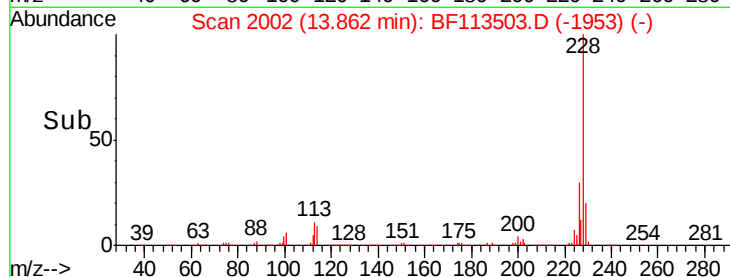
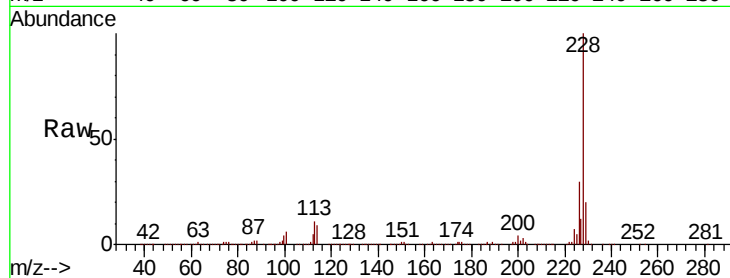
Tgt Ion:228 Resp: 984157

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 20.2 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.992 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

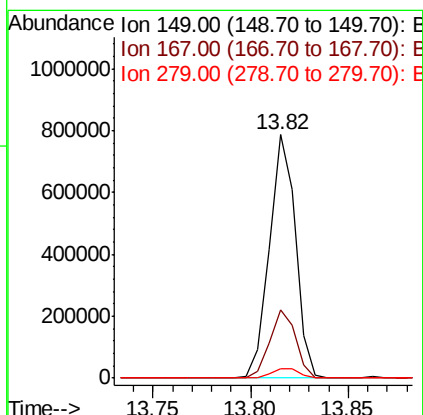
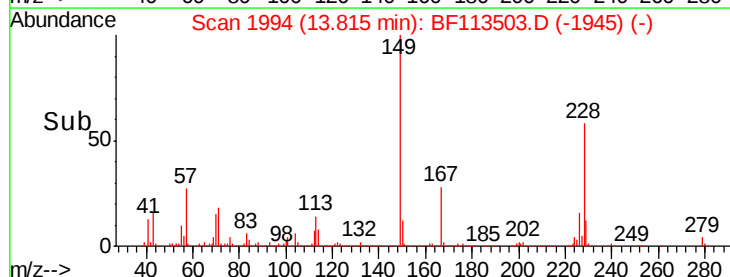
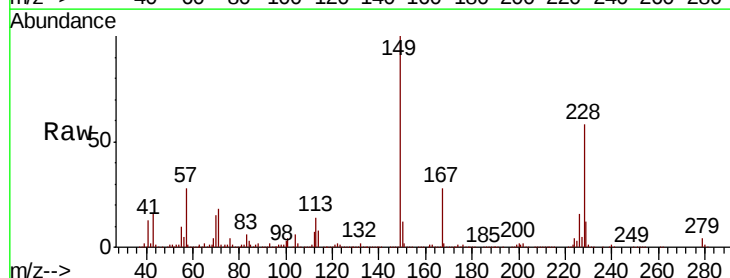
Tgt Ion:149 Resp: 726875

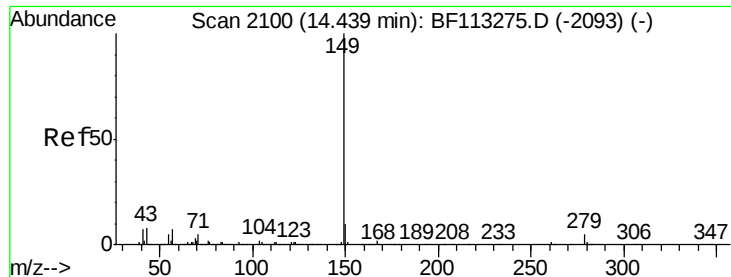
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 45.323 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

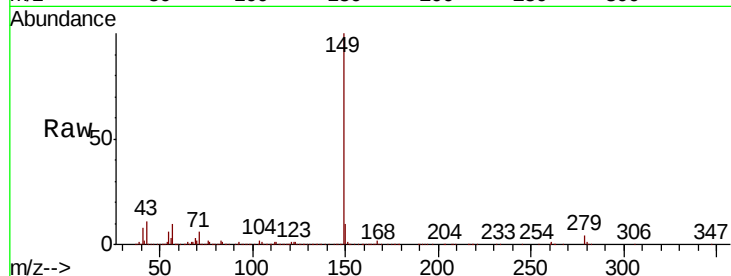
Tgt Ion:149 Resp: 1118575

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

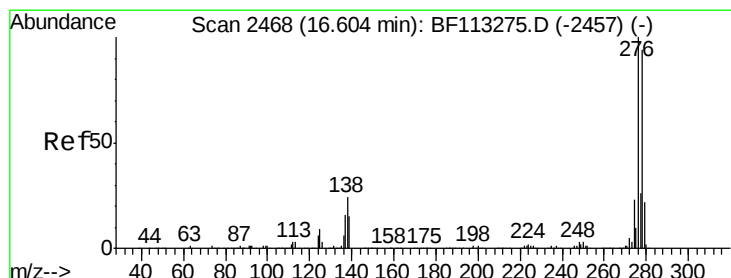
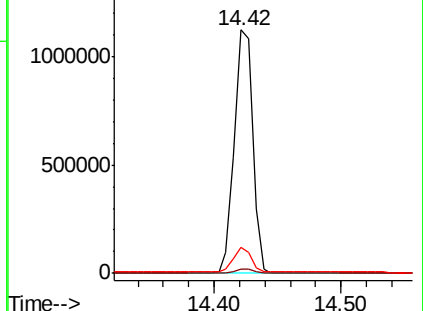
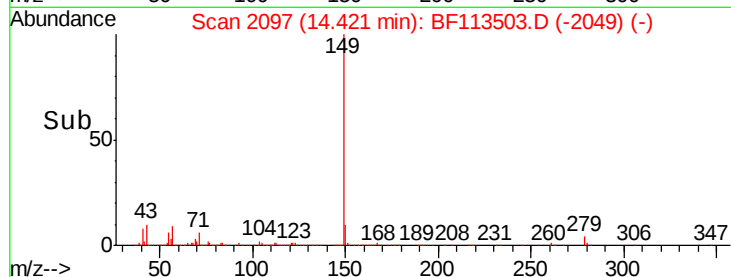
43 9.7 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.592 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

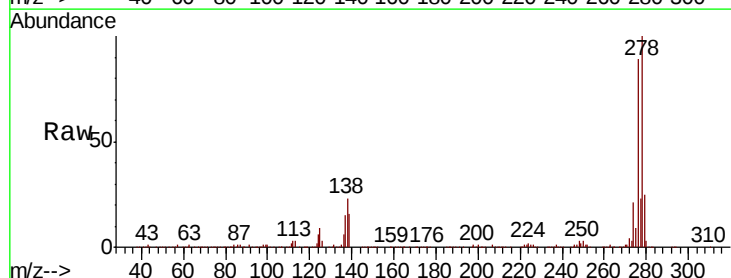
Tgt Ion:276 Resp: 1135451

Ion Ratio Lower Upper

276 100

138 24.0 18.1 27.1

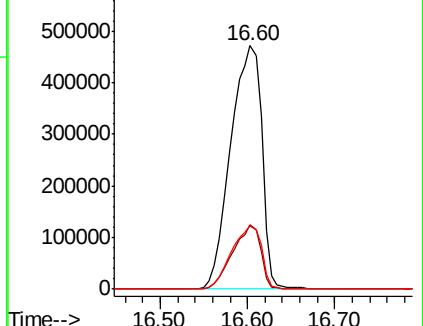
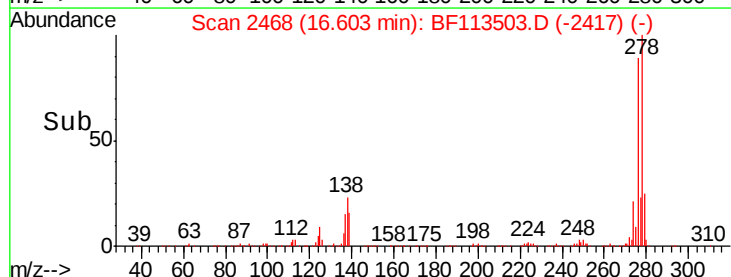
277 25.1 20.2 30.4

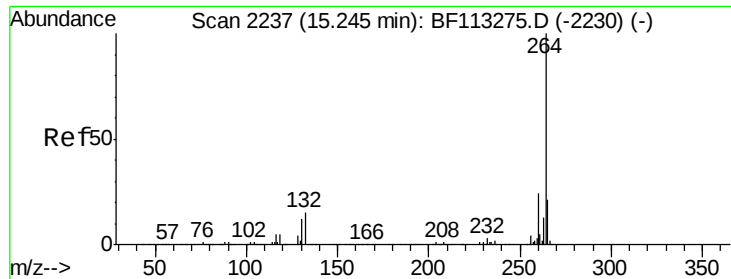


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



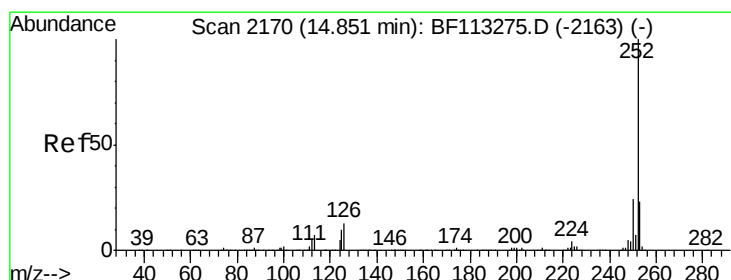
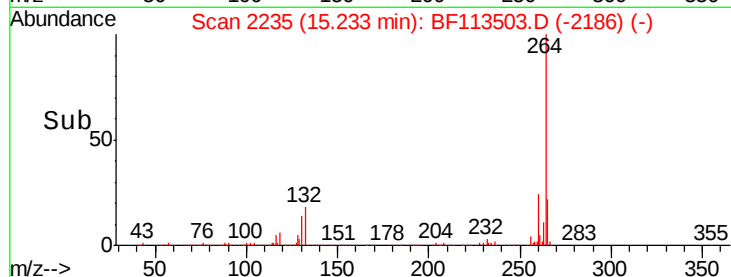
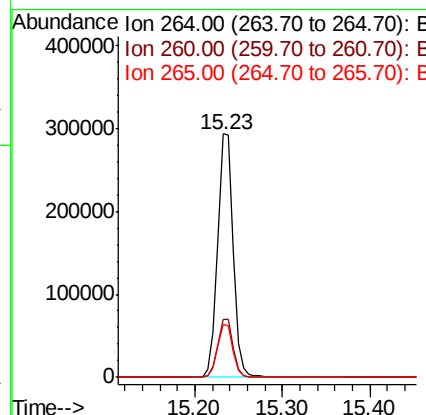
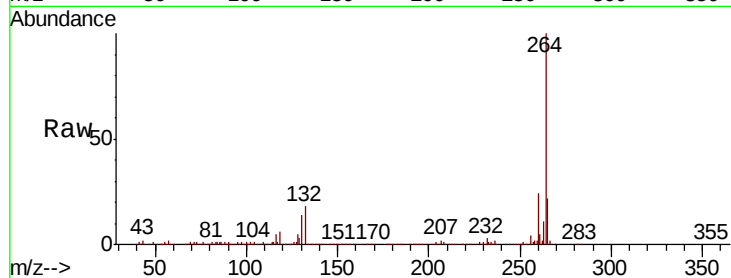


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Tgt Ion:264 Resp: 366416

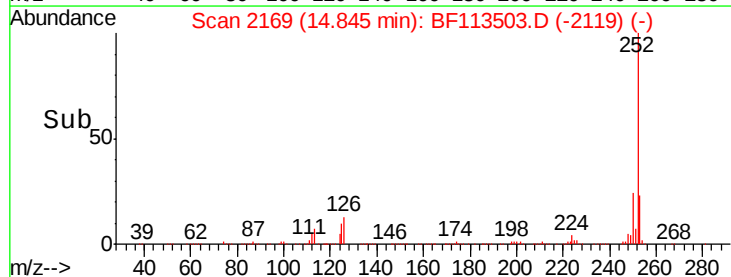
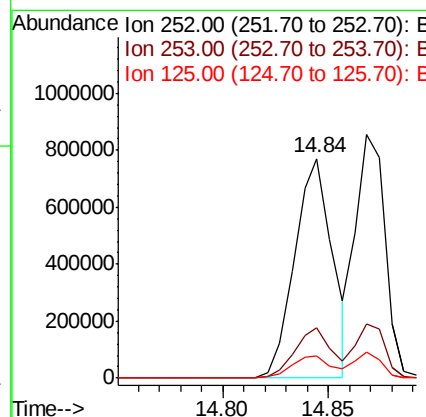
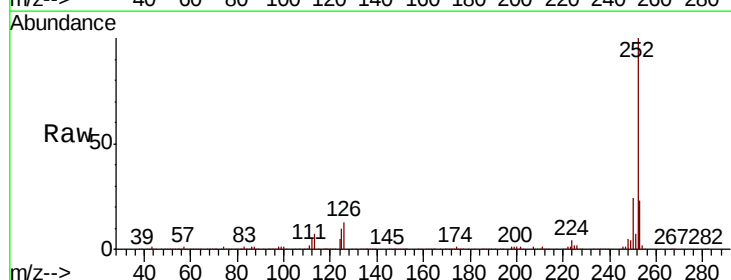
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.6	17.1	25.7

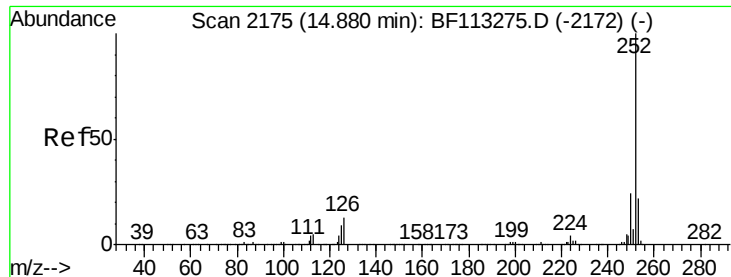


#88
Benzo(b)fluoranthene
Concen: 42.038 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion:252 Resp: 956851

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.9	7.6	11.4

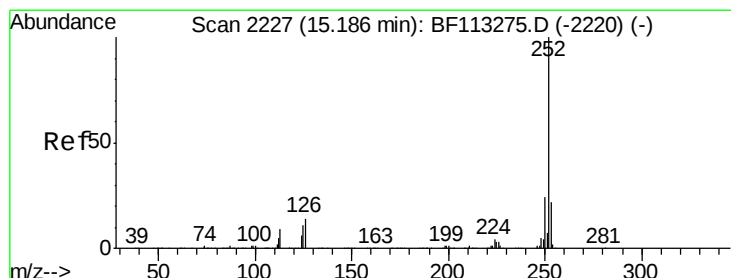
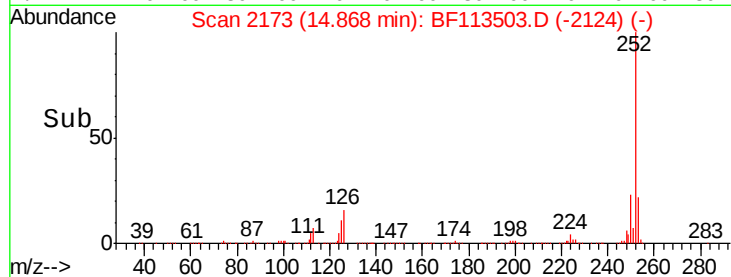
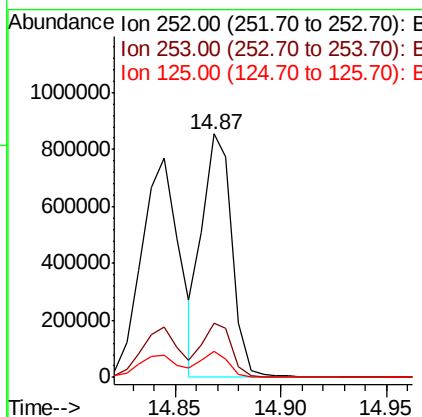
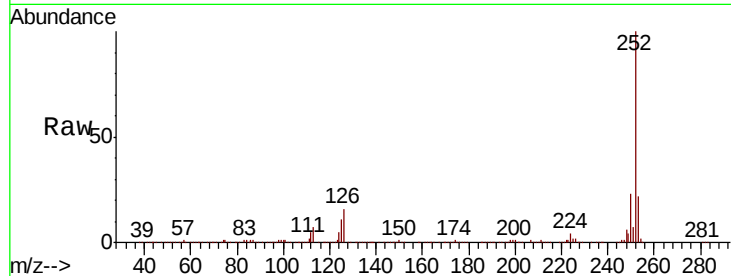




#89
Benzo(k)fluoranthene
Concen: 41.812 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

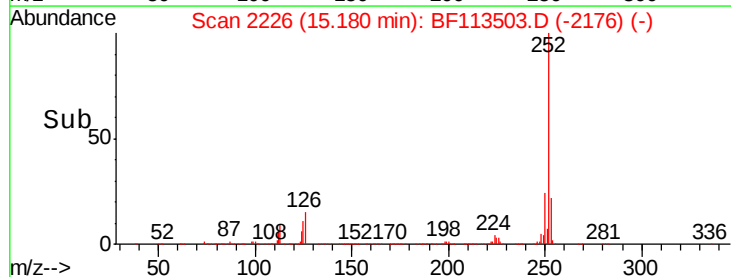
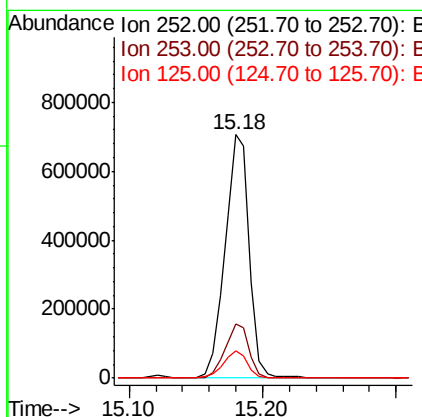
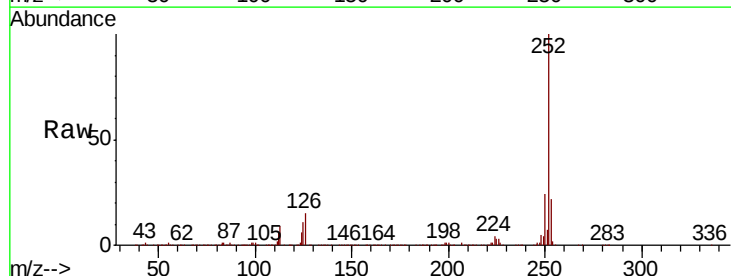
Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

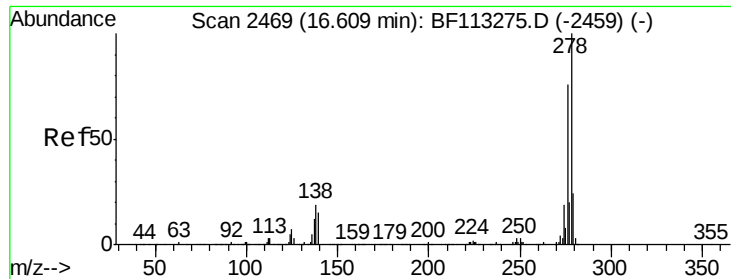
Tgt Ion:252 Resp: 835774
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.253 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113503.D
Acq: 2 Apr 2019 14:02

Tgt Ion:252 Resp: 892981
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.970 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

Instrument :

BNA_F

ClientSampleId :

S4B(2-10)MS

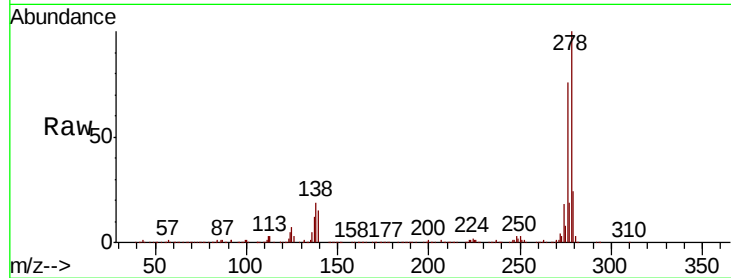
Tgt Ion:278 Resp: 941662

Ion Ratio Lower Upper

278 100

139 14.8 12.0 18.0

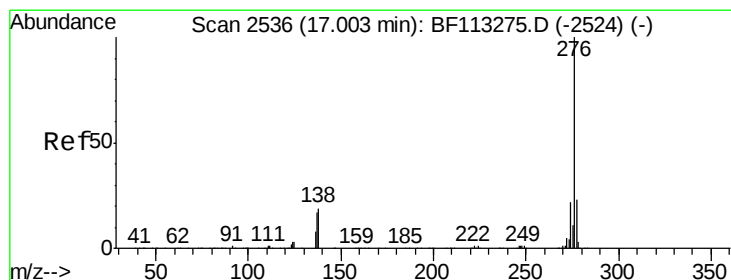
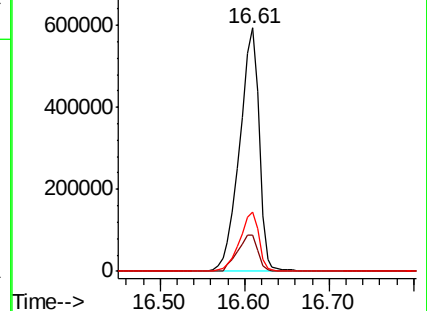
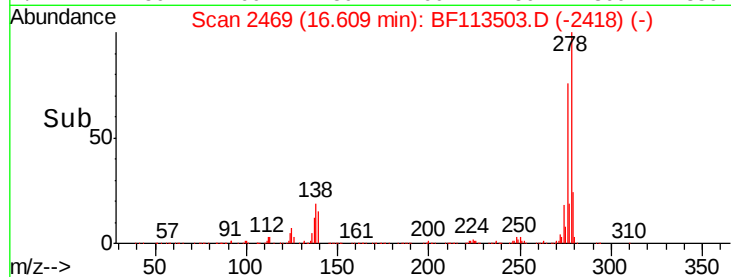
279 24.2 19.0 28.6



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: 56.231 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF113503.D

Acq: 2 Apr 2019 14:02

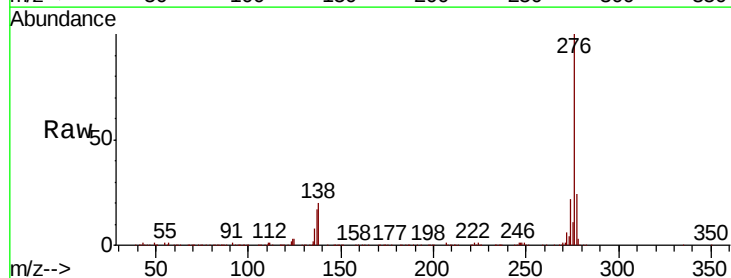
Tgt Ion:276 Resp: 989249

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.6 15.6 23.4



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

