

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099936.D
 Acq On : 29 Oct 2017 1:25
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:03:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88594	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	331582	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	125001	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	169147	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	156194	20.00	ng	-0.02
86) Perylene-d12	15.43	264	159214	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	432694	76.68	ng	-0.01
7) Phenol-d6	6.43	99	492727	73.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	393884	76.48	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	68455	60.09	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	735435	90.77	ng	-0.01
78) Terphenyl-d14	12.90	244	484441	67.78	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	92468	37.107	ng	# 90
3) Pyridine	3.25	79	213622	35.648	ng	# 88
4) n-Nitrosodimethylamine	3.21	42	78127	36.493	ng	# 78
6) Aniline	6.46	93	314736	36.278	ng	# 93
8) 2-Chlorophenol	6.58	128	227095	37.759	ng	# 91
9) Benzaldehyde	6.35	77	146542	36.651	ng	# 89
10) Phenol	6.45	94	269550	36.691	ng	# 76
11) bis(2-Chloroethyl)ether	6.53	93	215304	37.952	ng	# 94
12) 1,3-Dichlorobenzene	6.80	146	263507	39.021	ng	# 97
13) 1,4-Dichlorobenzene	6.80	146	263507	38.447	ng	# 97
14) 1,2-Dichlorobenzene	6.96	146	240267	38.465	ng	# 97
15) Benzyl Alcohol	6.94	79	152611	35.864	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	234869	37.270	ng	# 49
17) 2-Methylphenol	7.05	107	182179	36.213	ng	# 97
18) Hexachloroethane	7.29	117	77083	33.711	ng	# 94
19) n-Nitroso-di-n-propylamine	7.20	70	145036	36.988	ng	# 89
20) 3+4-Methylphenols	7.21	107	219540	37.478	ng	# 72
22) Acetophenone	7.20	105	300661	39.824	ng	# 95
24) Nitrobenzene	7.38	77	202746	39.069	ng	# 91
25) Isophorone	7.62	82	351674	37.630	ng	# 96
26) 2-Nitrophenol	7.69	139	104290	35.088	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	172137	39.306	ng	# 96
28) bis(2-Chloroethoxy)methane	7.82	93	261456	39.946	ng	# 99
29) 2,4-Dichlorophenol	7.94	162	172450	37.906	ng	# 97
30) 1,2,4-Trichlorobenzene	8.01	180	190883	39.269	ng	# 98
31) Naphthalene	8.09	128	605642	37.839	ng	# 100
32) Benzoic acid	7.86	122	63101	16.370	ng	# 97
33) 4-Chloroaniline	8.15	127	246364	37.275	ng	# 94
34) Hexachlorobutadiene	8.20	225	101259	40.499	ng	# 97
35) Caprolactam	8.53	113	36882	25.779	ng	# 73
36) 4-Chloro-3-methylphenol	8.64	107	152147	32.766	ng	# 87
37) 2-Methylnaphthalene	8.78	142	390968	36.450	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	180628	44.741	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	1167	11.742	ng	# 78

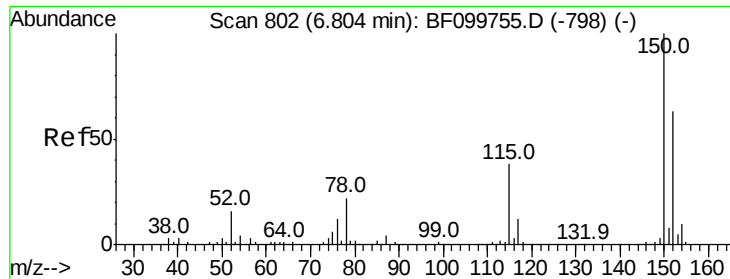
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	93826	38.421	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	92991	35.884	ng	# 93
45) 1,1'-Biphenyl	9.25	154	484308	42.828	ng	98
46) 2-Chloronaphthalene	9.27	162	337552	41.103	ng	96
47) 2-Nitroaniline	9.38	65	79412	36.843	ng	85
48) Acenaphthylene	9.69	152	488302	38.605	ng	100
49) Dimethylphthalate	9.55	163	397507	40.156	ng	100
50) 2,6-Dinitrotoluene	9.62	165	76497	36.760	ng	# 80
51) Acenaphthene	9.86	154	293998	38.040	ng	99
52) 3-Nitroaniline	9.80	138	86536	35.292	ng	# 87
53) 2,4-Dinitrophenol	9.99	184	115	5.891	ng	# 1
54) Dibenzofuran	10.03	168	411821	37.749	ng	96
55) 4-Nitrophenol	9.99	139	25033	19.539	ng	79
56) 2,4-Dinitrotoluene	10.03	165	83826	33.448	ng	98
57) Fluorene	10.37	166	318561	35.267	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	53607	29.504	ng	96
59) Diethylphthalate	10.24	149	373783	38.666	ng	99
60) 4-Chlorophenyl-phenylether	10.36	204	158950	37.390	ng	92
61) 4-Nitroaniline	10.41	138	69449	29.687	ng	86
62) Azobenzene	10.52	77	273443	33.744	ng	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	2232	2.099	ng	96
65) n-Nitrosodiphenylamine	10.48	169	291834	46.739	ng	98
66) 4-Bromophenyl-phenylether	10.85	248	80496	45.205	ng	92
67) Hexachlorobenzene	10.93	284	74028	40.635	ng	# 87
68) Atrazine	11.01	200	75114	40.048	ng	97
69) Pentachlorophenol	11.13	266	26026	33.434	ng	99
70) Phenanthrene	11.34	178	371589	38.927	ng	98
71) Anthracene	11.39	178	377775	38.988	ng	98
72) Carbazole	11.55	167	339269	37.234	ng	98
73) Di-n-butylphthalate	11.86	149	487748	41.968	ng	99
74) Fluoranthene	12.53	202	371638	37.463	ng	97
76) Benzidine	12.66	184	196249	28.714	ng	98
77) Pyrene	12.76	202	388024	32.671	ng	99
79) Butylbenzylphthalate	13.36	149	190747	32.614	ng	95
80) Benzo(a)anthracene	13.96	228	374049	37.776	ng	98
81) 3,3'-Dichlorobenzidine	13.91	252	142186	39.559	ng	98
82) Chrysene	13.99	228	353973	38.025	ng	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	281510	34.275	ng	99
84) Di-n-octyl phthalate	14.53	149	536049	38.026	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.90	276	313530	36.689	ng	96
87) Benzo(b)fluoranthene	15.00	252	372532	37.055	ng	97
88) Benzo(k)fluoranthene	15.03	252	384032	40.509	ng	98
89) Benzo(a)pyrene	15.37	252	348470	38.586	ng	99
90) Dibenzo(a,h)anthracene	16.90	278	275892	34.381	ng	96
91) Benzo(g,h,i)perylene	17.34	276	249616	31.795	ng	99

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

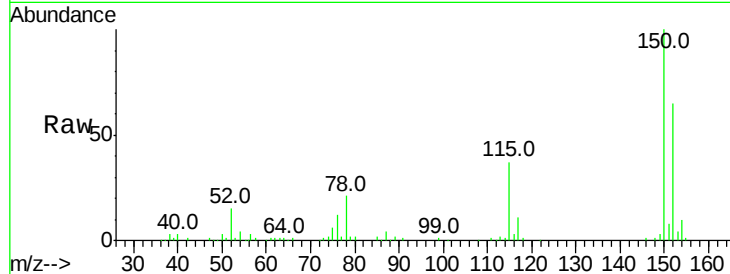


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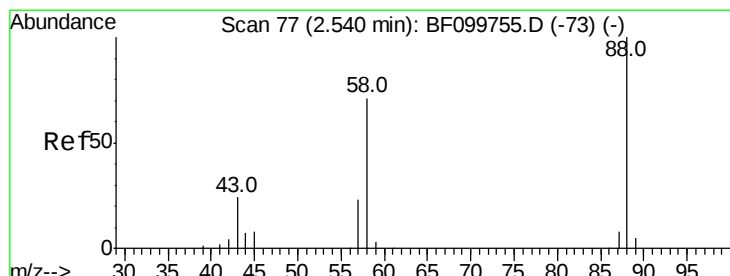
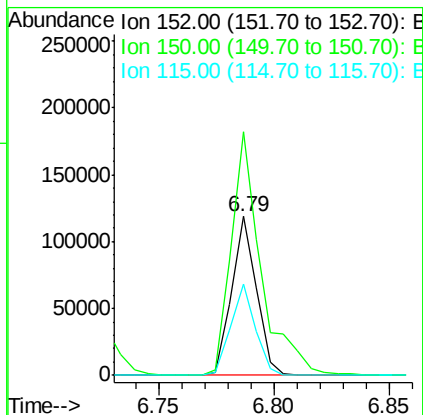
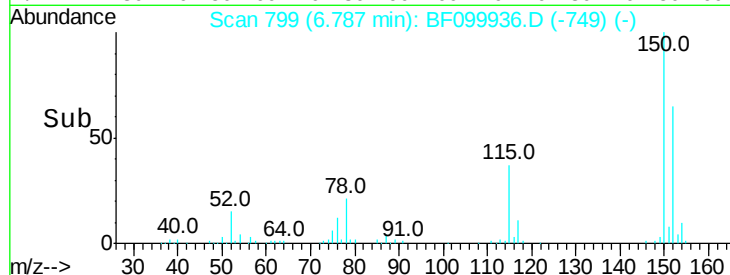
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 88594
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.6 186.8
 115 57.2 50.1 75.1



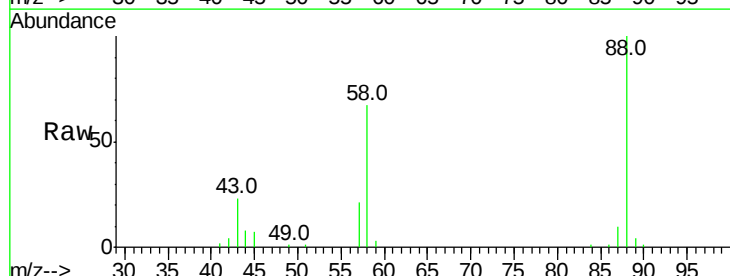
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



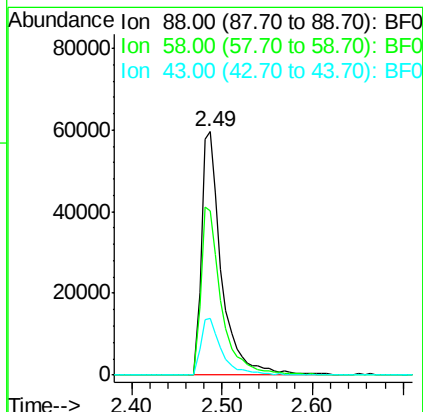
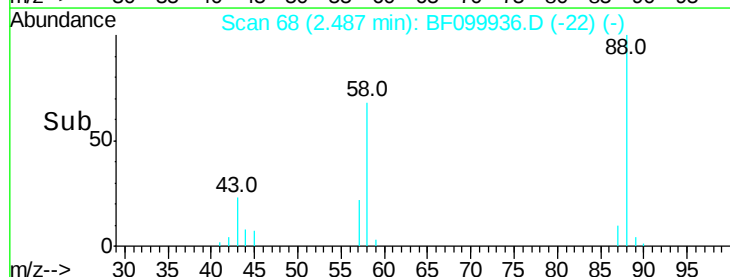
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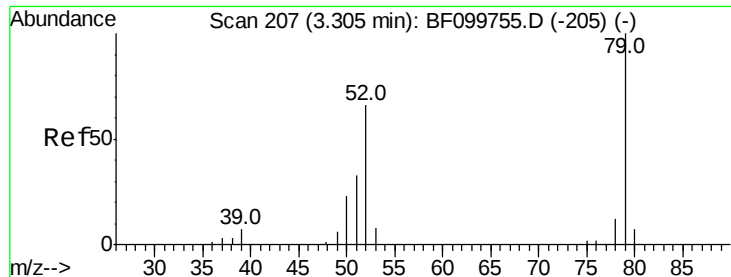
1,4-Dioxane
 Concen: 37.107 ng
 RT: 2.49 min Scan# 68
 Delta R.T. -0.03 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion: 88 Resp: 92468
 Ion Ratio Lower Upper
 88 100
 58 69.9 62.6 93.8
 43 23.9 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.648 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.03 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :
BNA_F
ClientSampled :

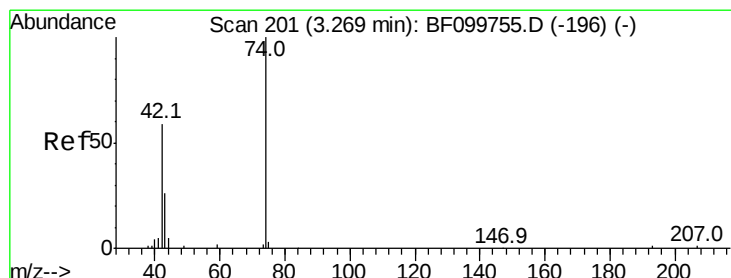
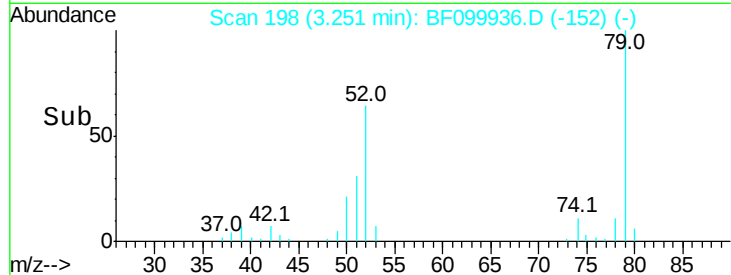
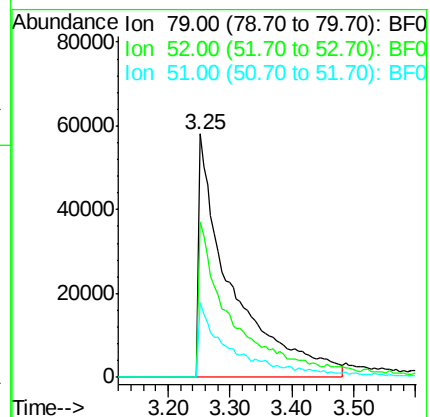
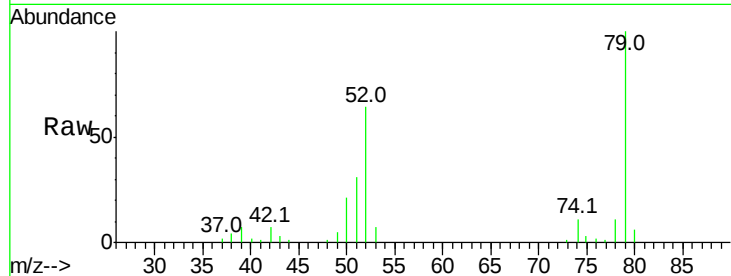
Tot Ion: 79 Resp: 213622

Ion Ratio Lower Upper

79 100

52 63.8 59.8 89.6

51 30.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 36.493 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.04 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

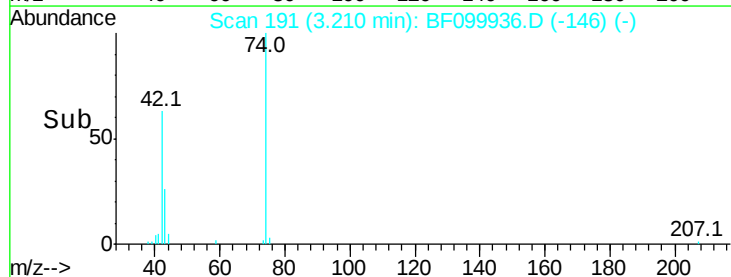
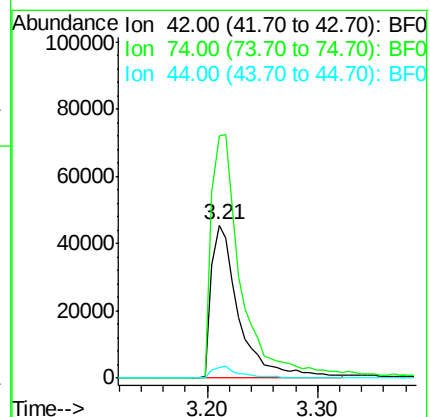
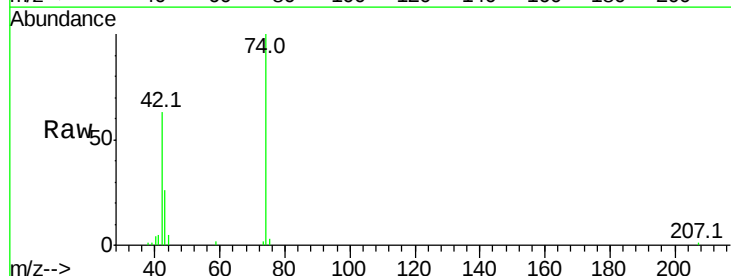
Tgt Ion: 42 Resp: 78127

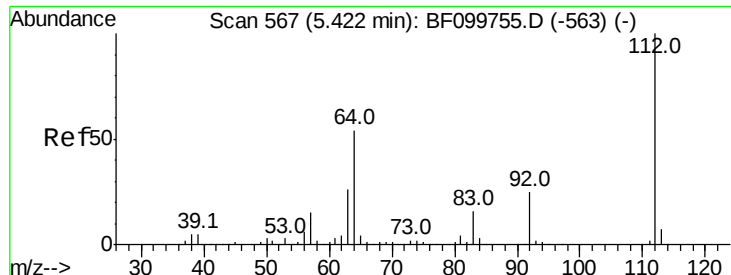
Ion Ratio Lower Upper

42 100

74 158.6 104.9 157.3#

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 76.677 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampled :

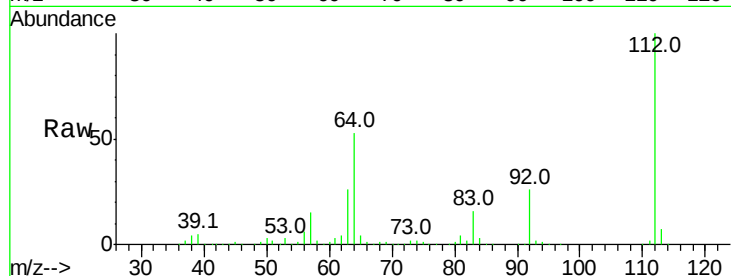
Tot Ion:112 Resp: 432694

Ion Ratio Lower Upper

112 100

64 53.2 47.9 71.9

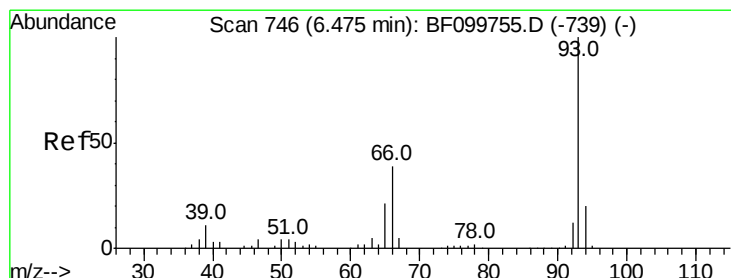
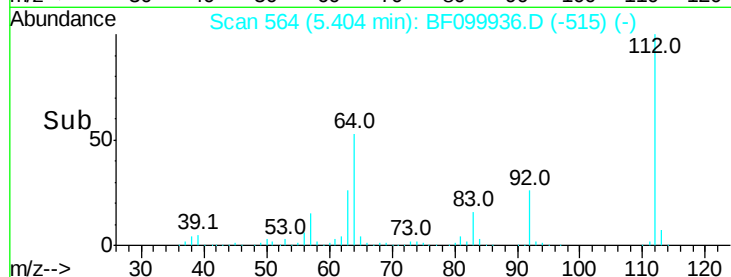
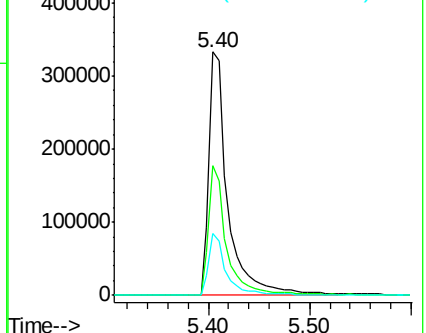
63 25.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.278 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

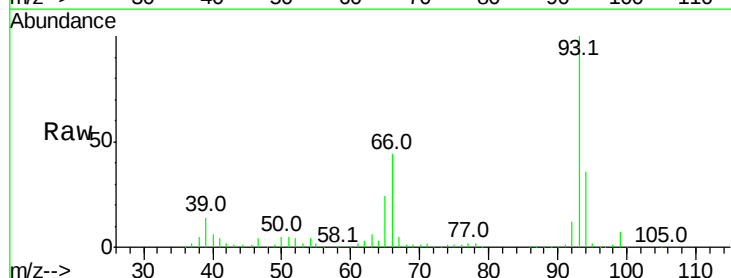
Tgt Ion: 93 Resp: 314736

Ion Ratio Lower Upper

93 100

66 44.4 32.2 48.2

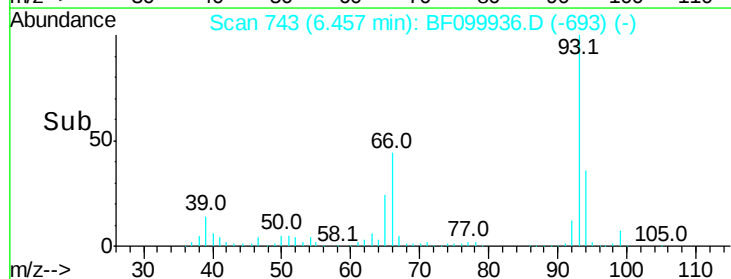
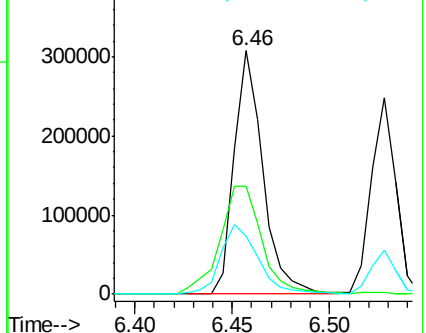
65 23.8 16.4 24.6

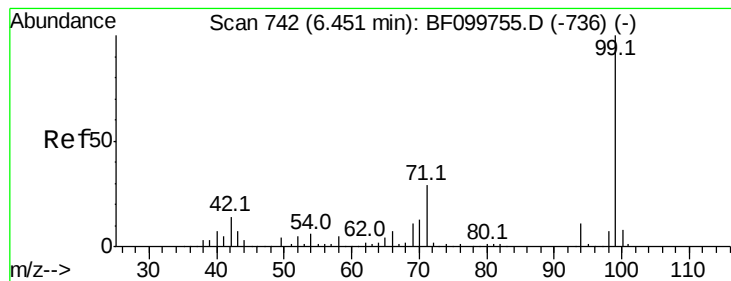


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.639 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

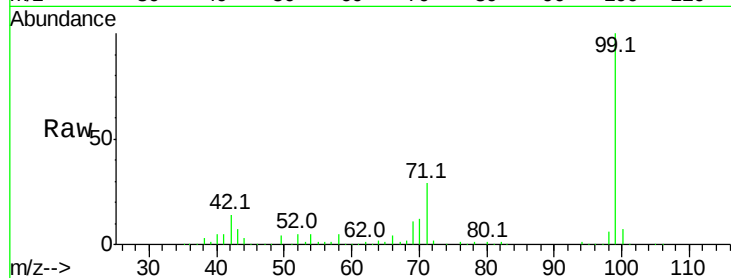
Tot Ion: 99 Resp: 492727

Ion Ratio Lower Upper

99 100

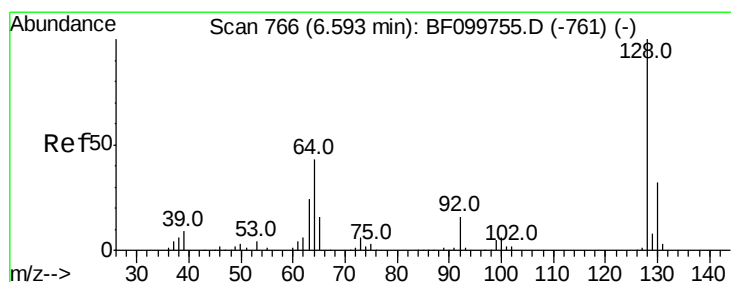
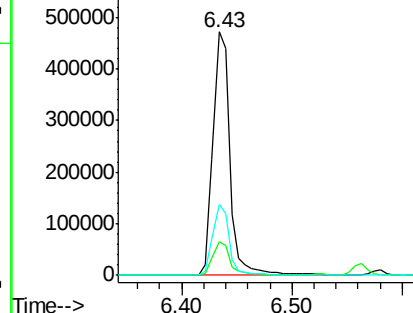
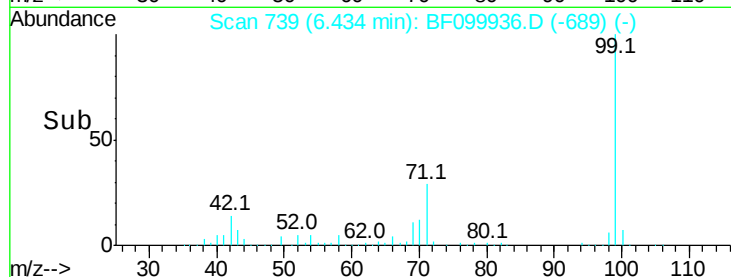
42 14.0 14.5 21.7#

71 28.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.43



#8

2-Chlorophenol

Concen: 37.759 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

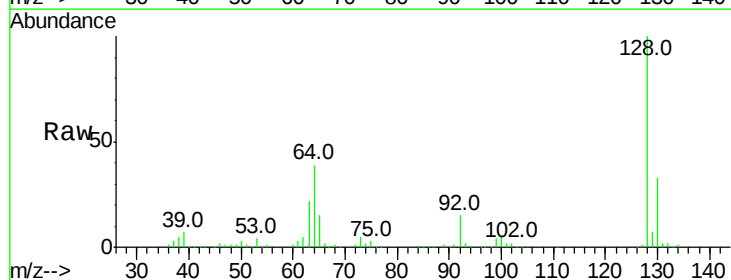
Tgt Ion: 128 Resp: 227095

Ion Ratio Lower Upper

128 100

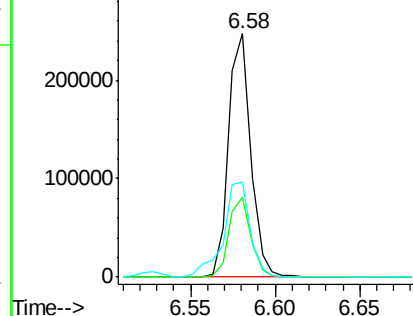
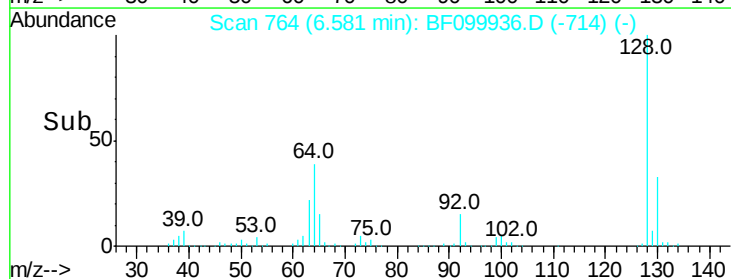
130 32.8 13.0 53.0

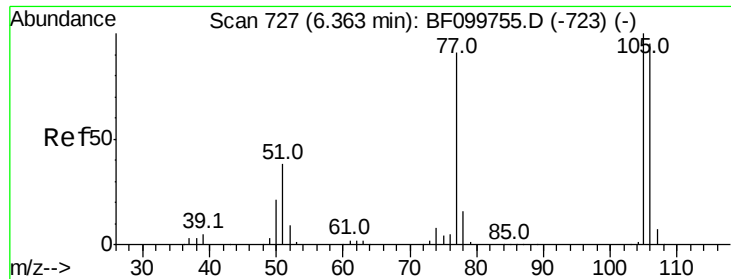
64 39.0 29.4 69.4



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): BF0

6.58

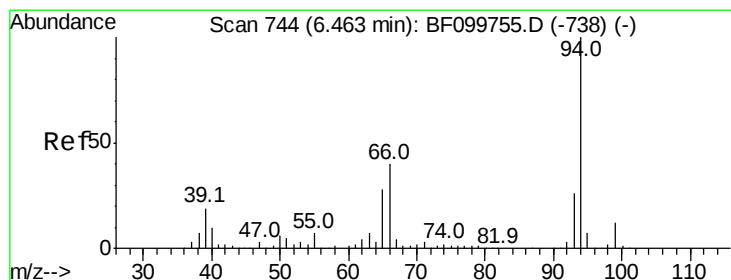
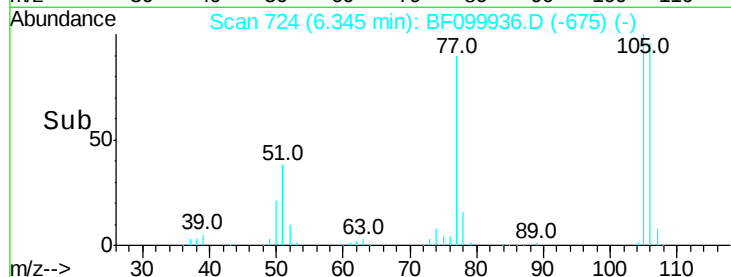
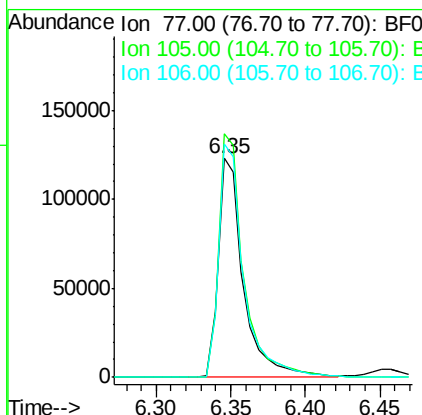
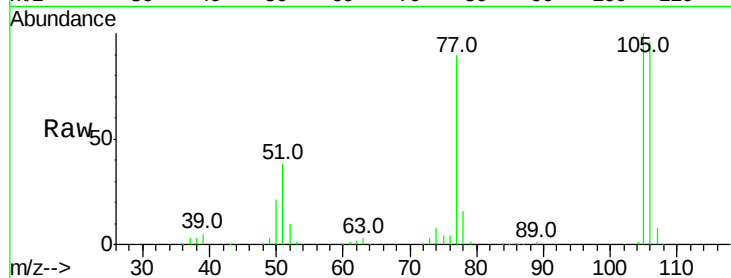




#9
Benzaldehyde
Concen: 36.651 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

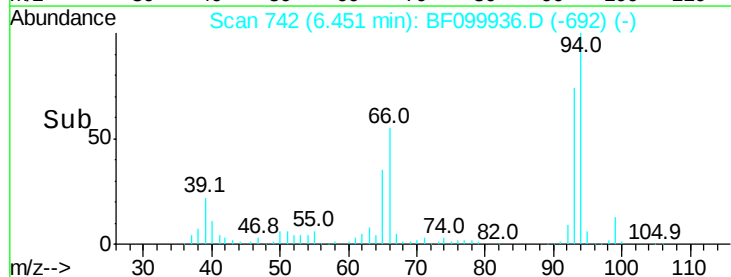
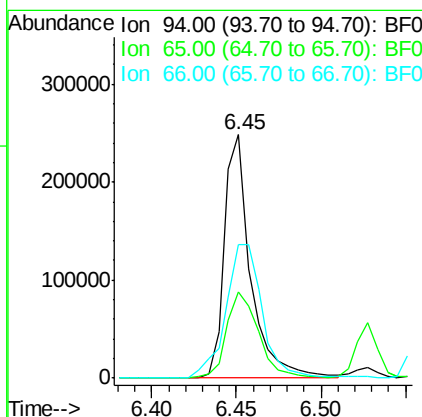
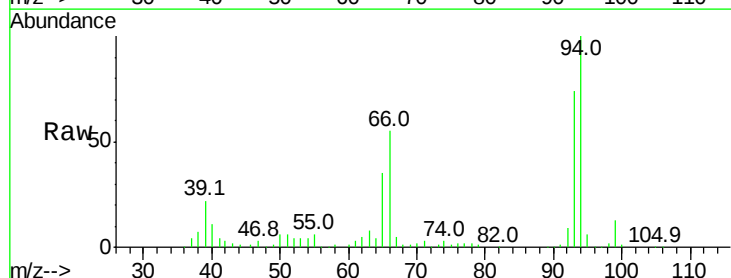
Instrument :
BNA_F
ClientSampled :

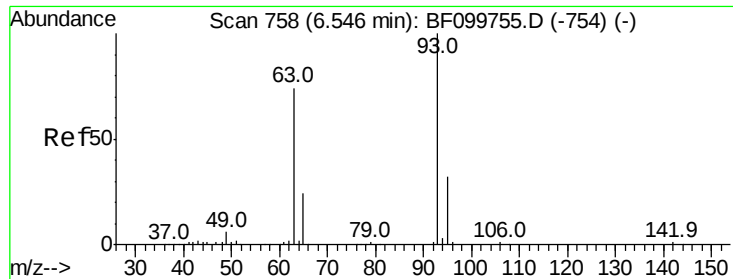
Tot Ion: 77 Resp: 146542
Ion Ratio Lower Upper
77 100
105 111.2 81.1 121.1
106 106.3 74.5 114.5



#10
Phenol
Concen: 36.691 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion: 94 Resp: 269550
Ion Ratio Lower Upper
94 100
65 35.3 7.9 47.9
66 54.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.952 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

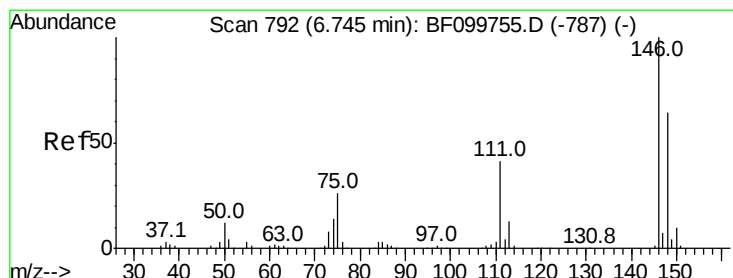
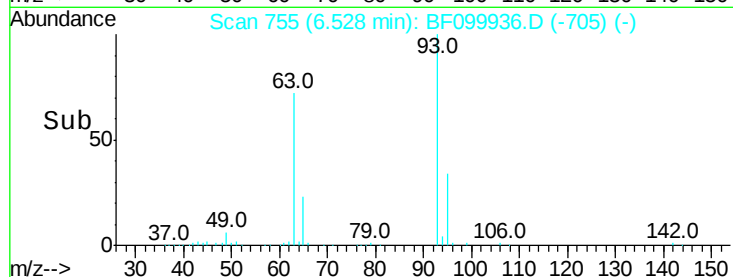
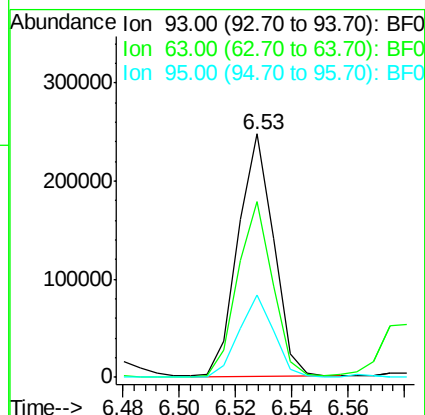
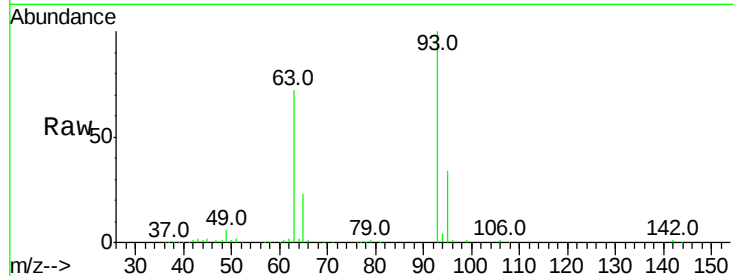
Tot Ion: 93 Resp: 215304

Ion Ratio Lower Upper

93 100

63 72.1 58.6 98.6

95 33.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.021 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.07 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

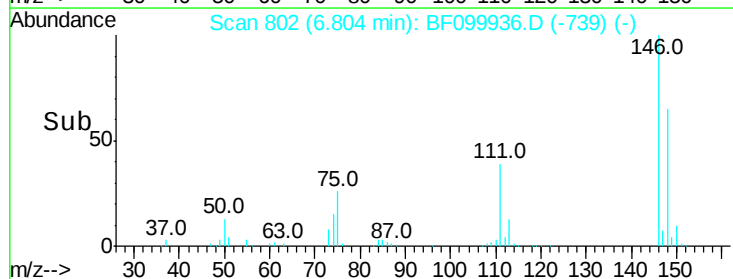
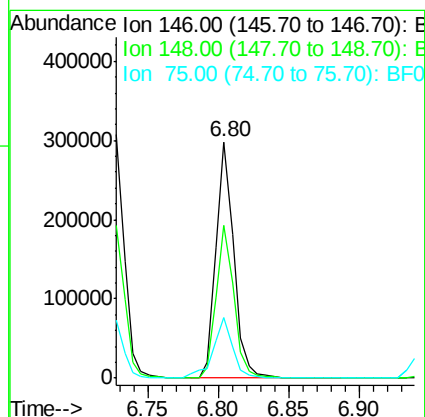
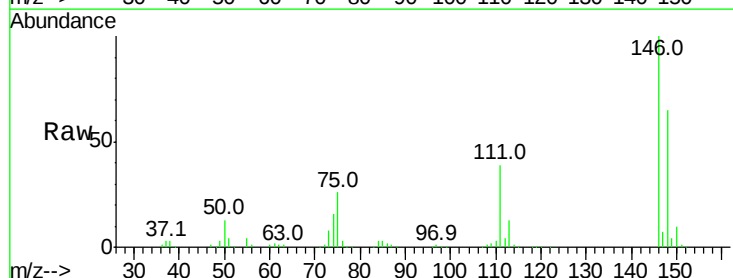
Tgt Ion: 146 Resp: 263507

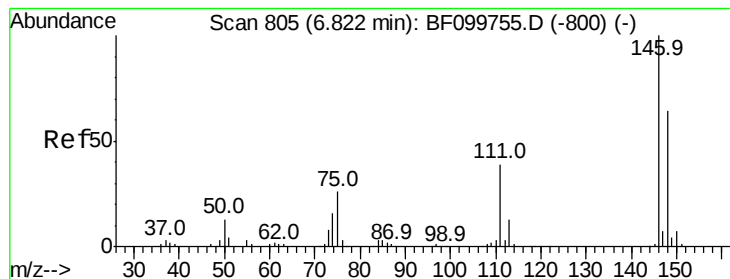
Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

75 25.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.447 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

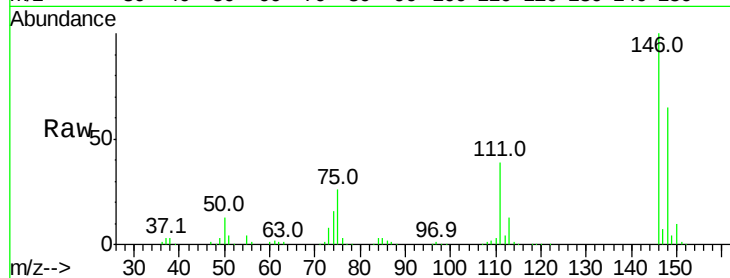
Tot Ion:146 Resp: 263507

Ion Ratio Lower Upper

146 100

148 64.7 50.8 76.2

111 39.1 34.2 51.2



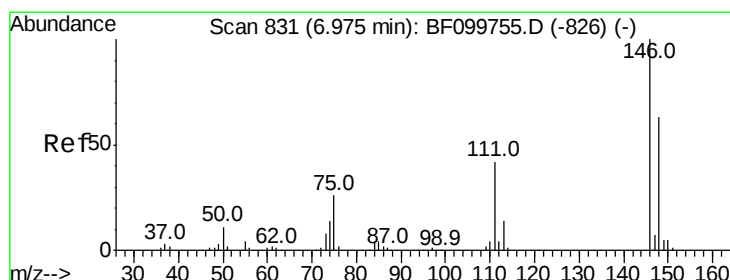
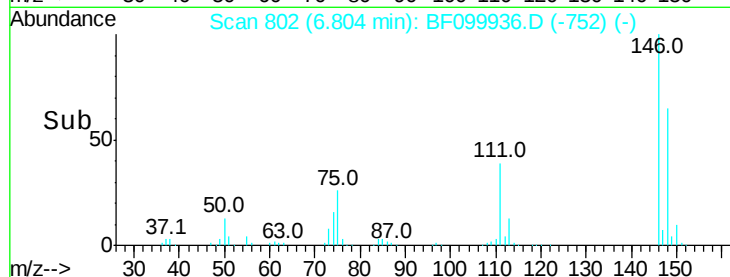
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.80

Time-->



#14

1,2-Dichlorobenzene

Concen: 38.465 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

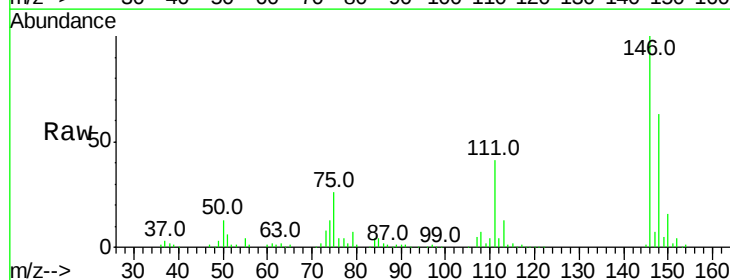
Tgt Ion:146 Resp: 240267

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

111 40.9 36.0 54.0



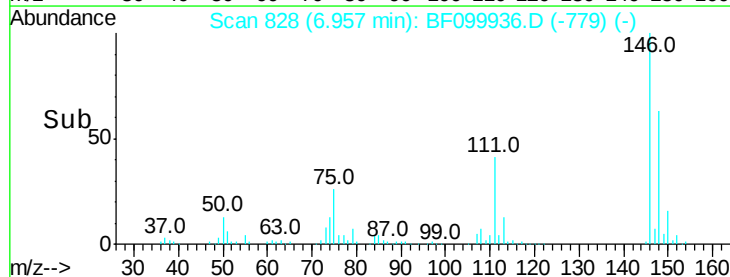
Abundance Ion 146.00 (145.70 to 146.70): E

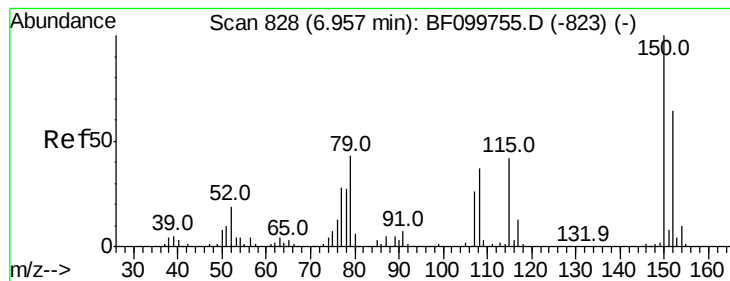
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.96

Time-->





#15

Benzyl Alcohol

Concen: 35.864 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampled :

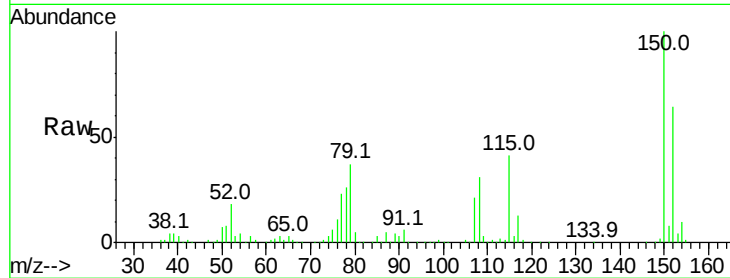
Tot Ion: 79 Resp: 152611

Ion Ratio Lower Upper

79 100

108 84.0 65.1 97.7

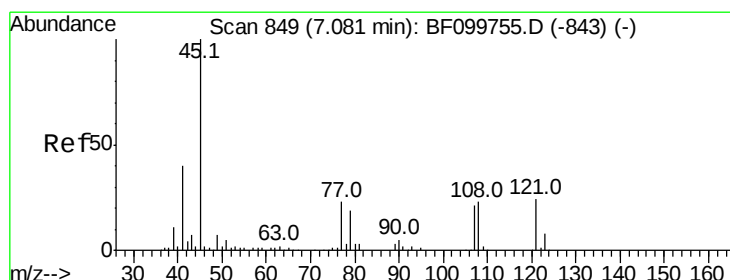
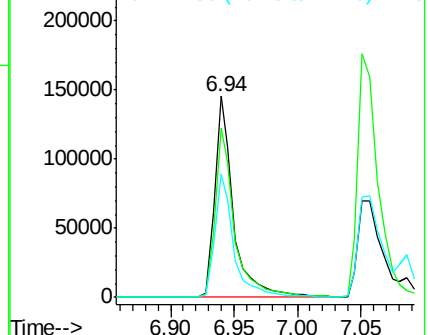
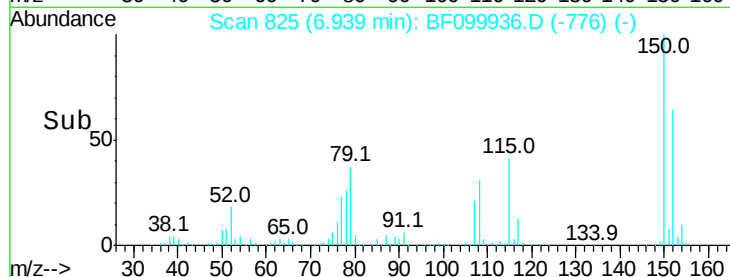
77 61.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.270 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

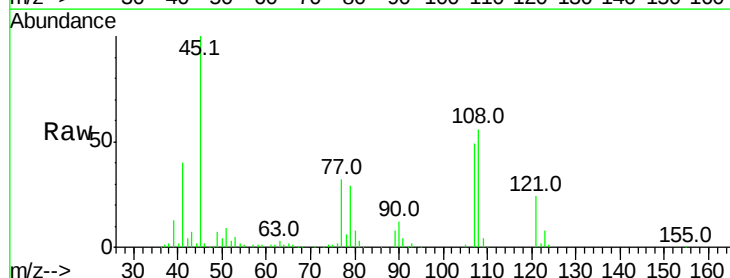
Tgt Ion: 45 Resp: 234869

Ion Ratio Lower Upper

45 100

77 32.2 0.0 32.9

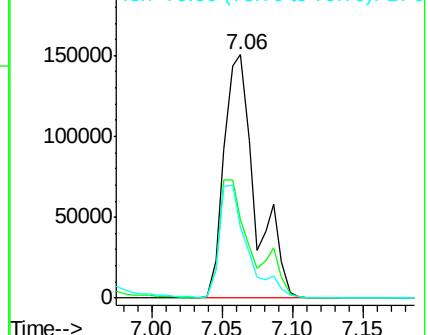
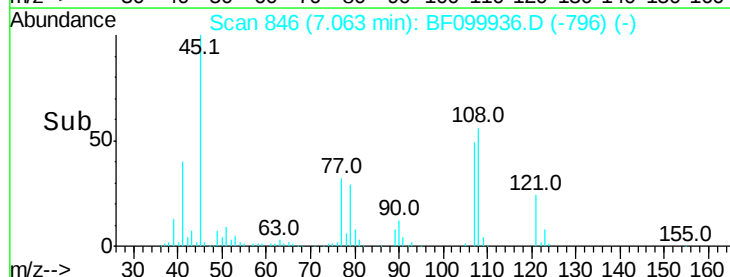
79 29.3 0.0 29.6

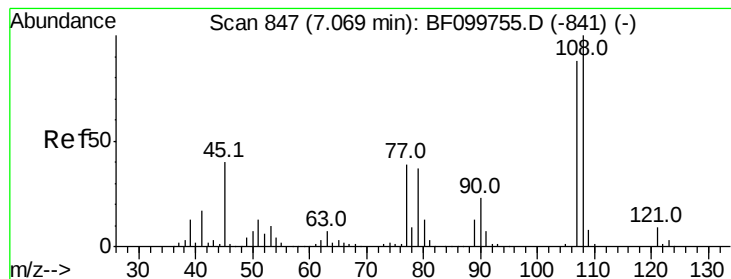


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.213 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 182179

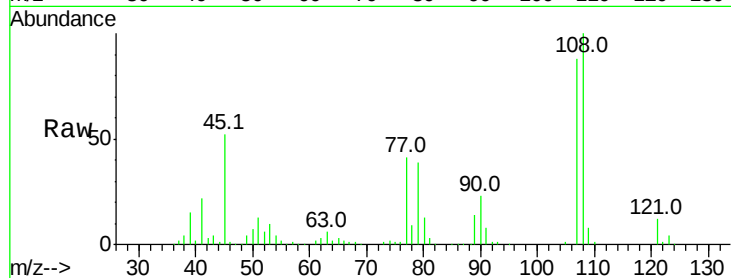
Ion Ratio Lower Upper

107 100

108 114.2 91.7 137.5

77 47.3 33.8 50.8

79 45.0 33.8 50.8

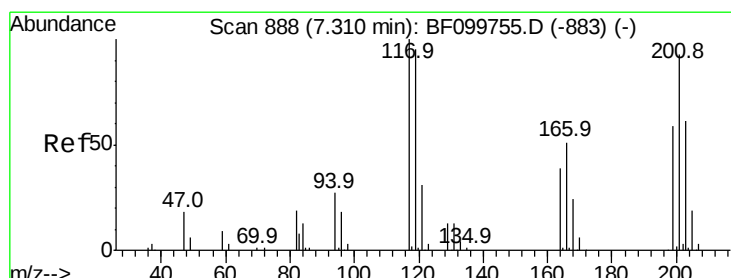
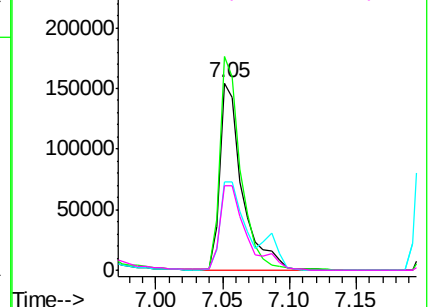
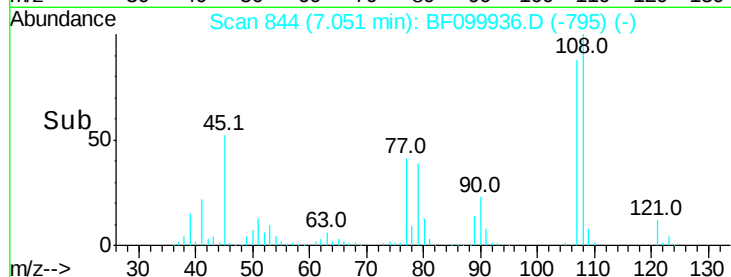


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.711 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

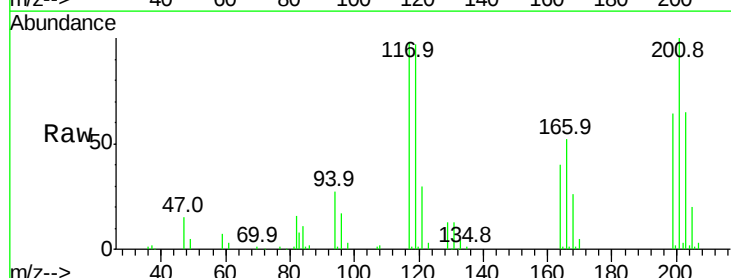
Tgt Ion:117 Resp: 77083

Ion Ratio Lower Upper

117 100

119 99.3 75.8 113.8

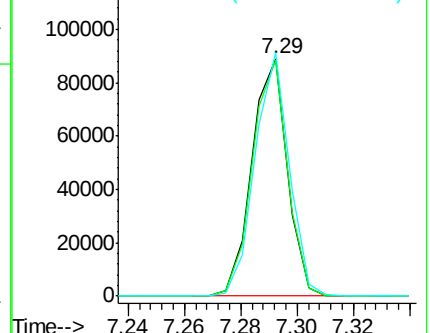
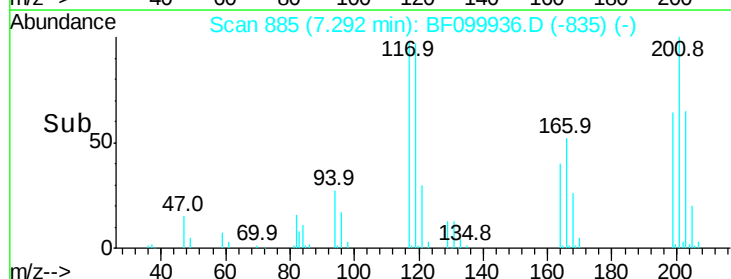
201 102.4 75.7 113.5

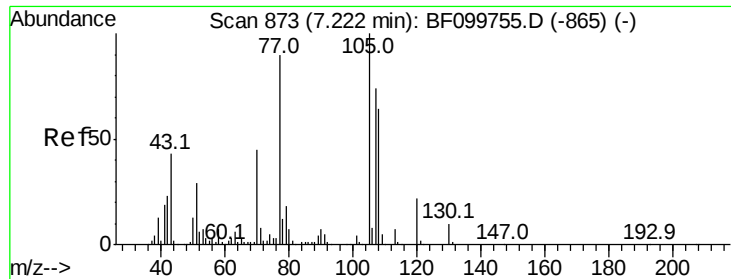


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

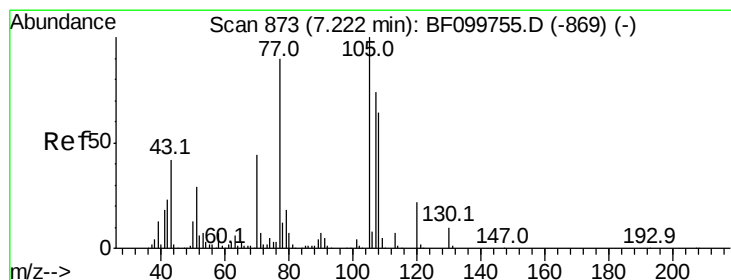
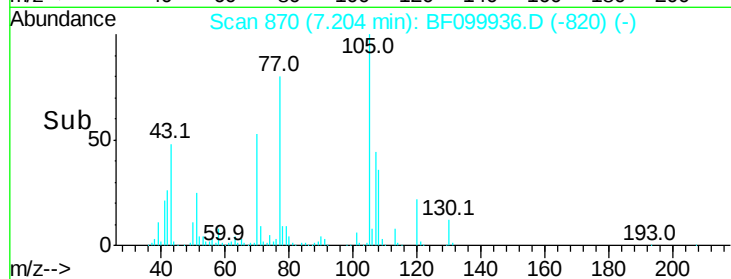
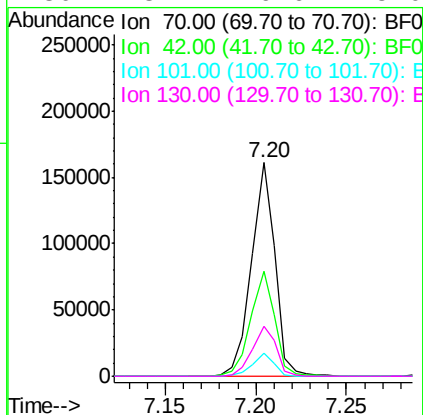
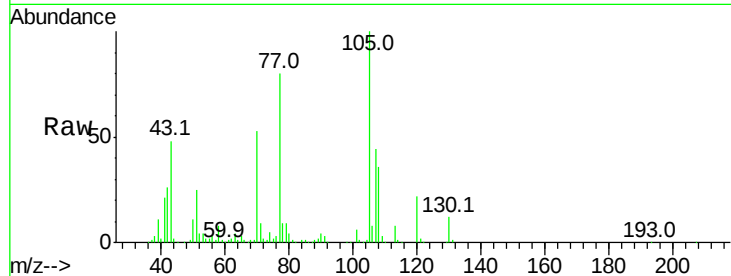




#19
n-Nitroso-di-n-propylamine
Concen: 36.988 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

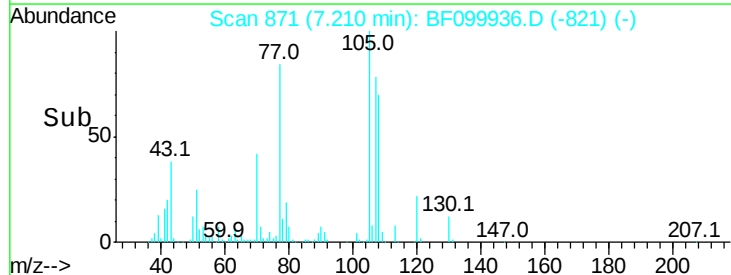
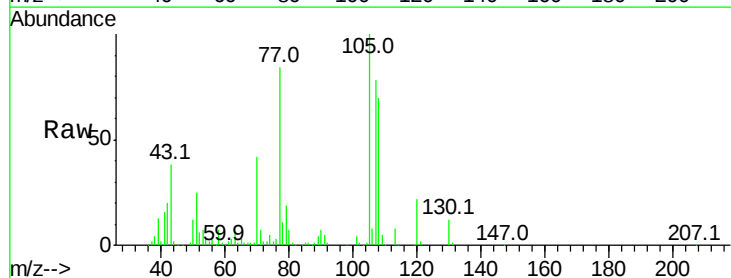
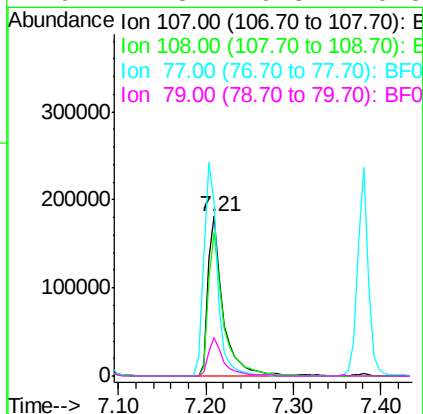
Instrument :
BNA_F
ClientSampled :

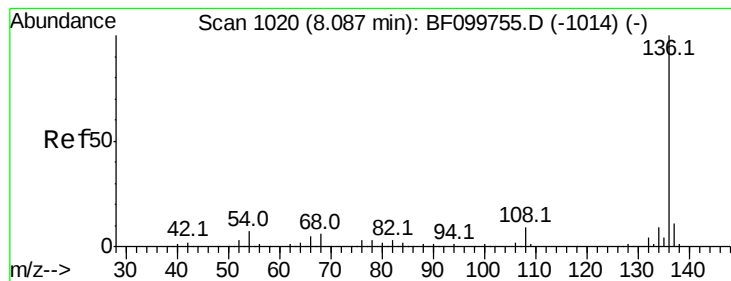
Tot Ion	70	Resp	145036
Ion Ratio	Lower	Upper	
70	100		
42	48.9	47.5	71.3
101	10.7	7.4	11.2
130	23.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.478 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion	107	Resp	219540
Ion Ratio	Lower	Upper	
107	100		
108	89.7	68.2	108.2
77	108.2	26.7	66.7#
79	24.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 331582

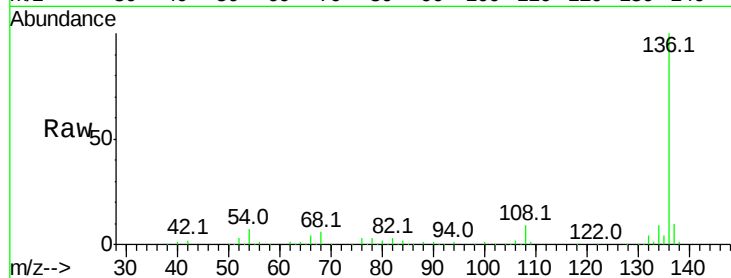
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.9 6.6 9.8

68 6.1 5.0 7.4

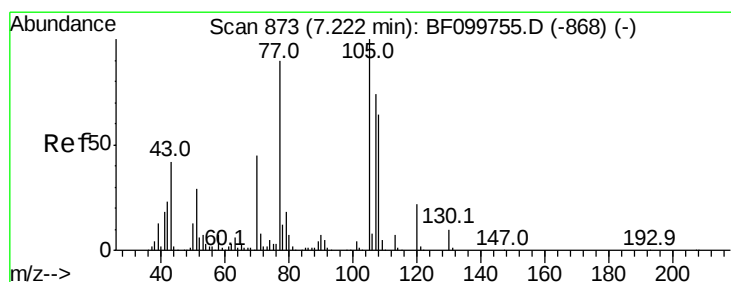
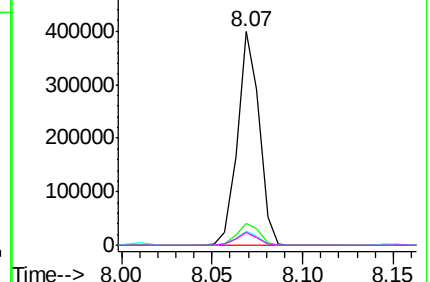
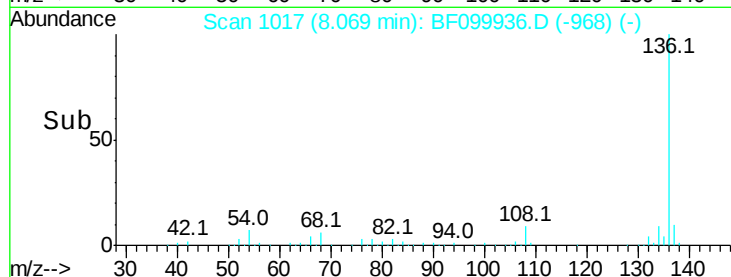


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.824 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Tgt Ion:105 Resp: 300661

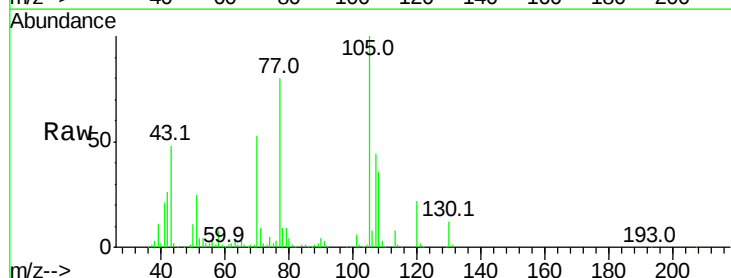
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 24.7 22.3 33.5

120 21.6 16.9 25.3

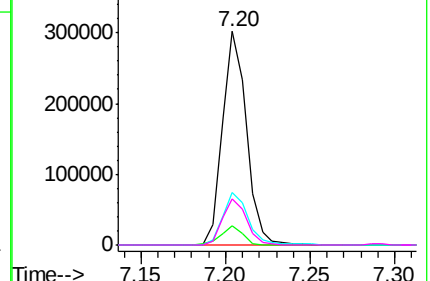
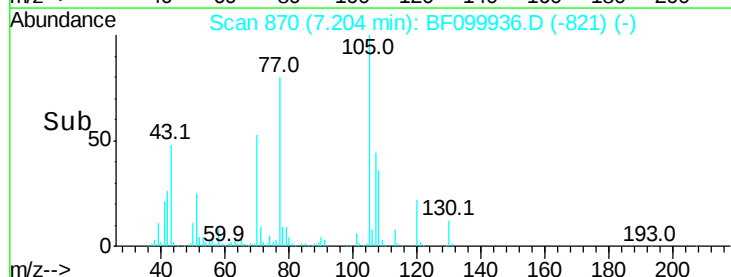


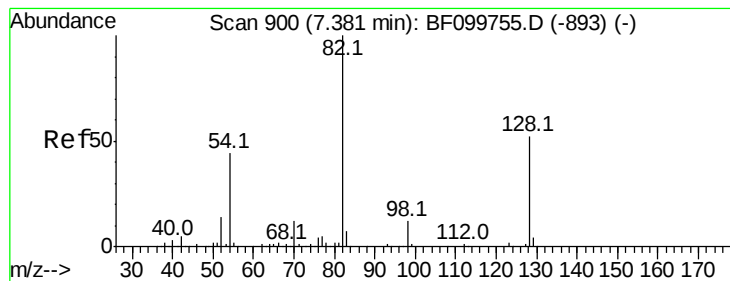
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

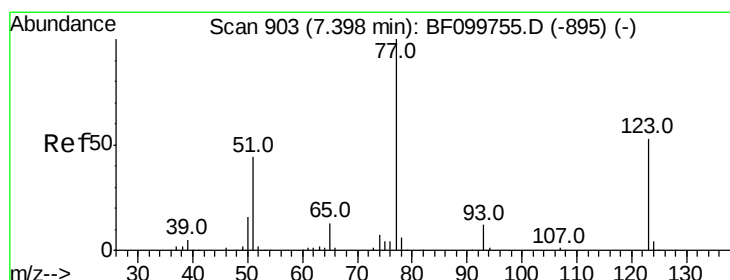
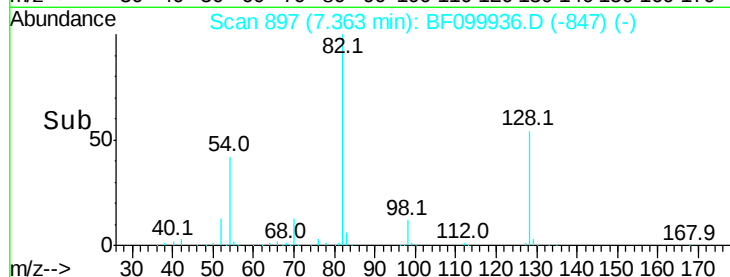
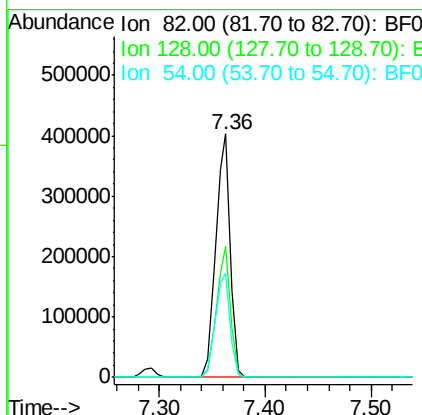
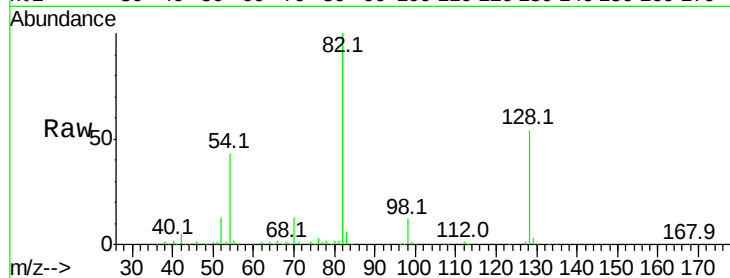




#23
 Nitrobenzene-d5
 Concen: 76.477 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

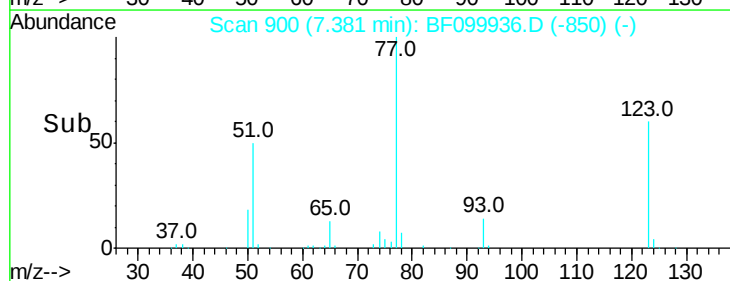
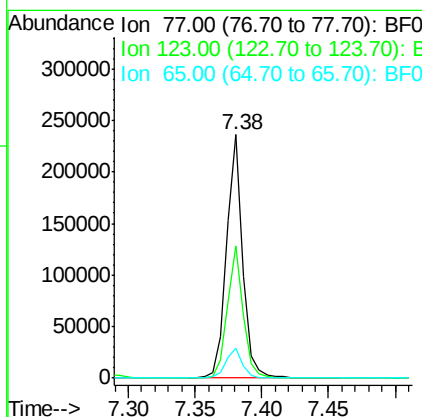
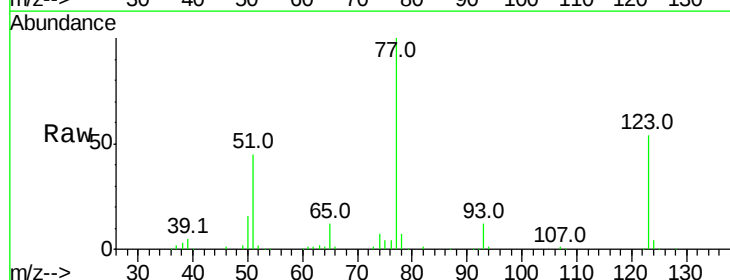
Instrument :
 BNA_F
 ClientSampled :

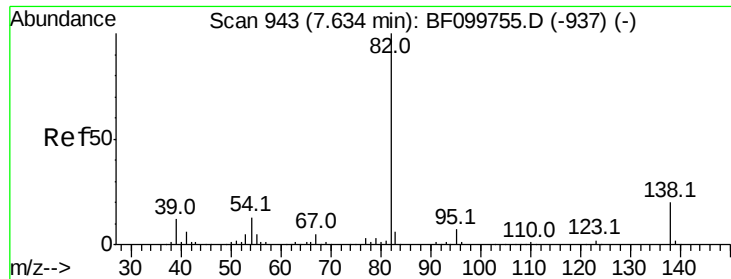
Tot Ion: 82 Resp: 393884
 Ion Ratio Lower Upper
 82 100
 128 53.6 36.1 54.1
 54 42.7 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.069 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion: 77 Resp: 202746
 Ion Ratio Lower Upper
 77 100
 123 54.3 37.9 56.9
 65 12.0 11.0 16.4





#25

Isophorone

Concen: 37.630 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

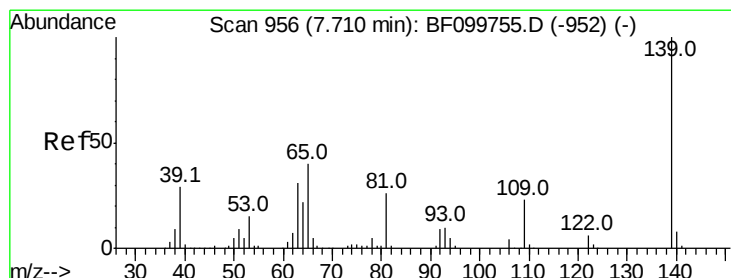
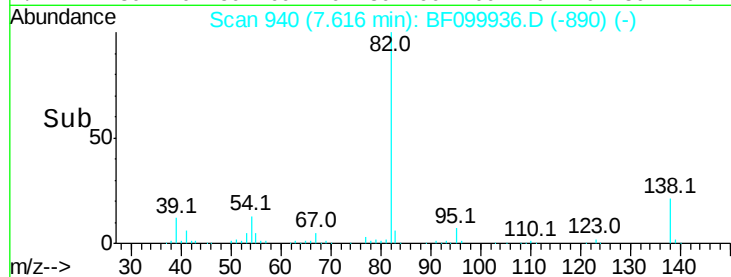
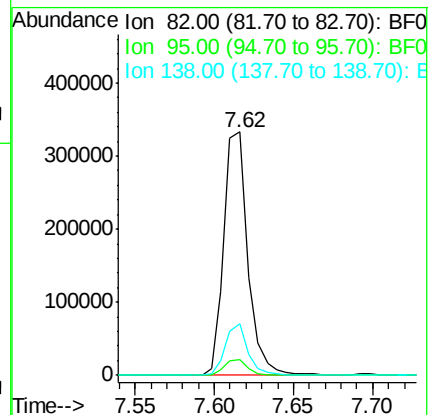
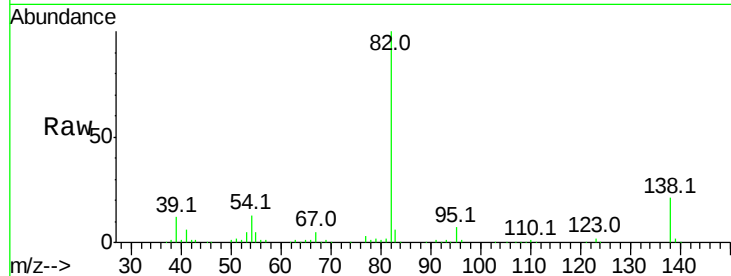
Tot Ion: 82 Resp: 351674

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 21.2 14.9 22.3



#26

2-Nitrophenol

Concen: 35.088 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

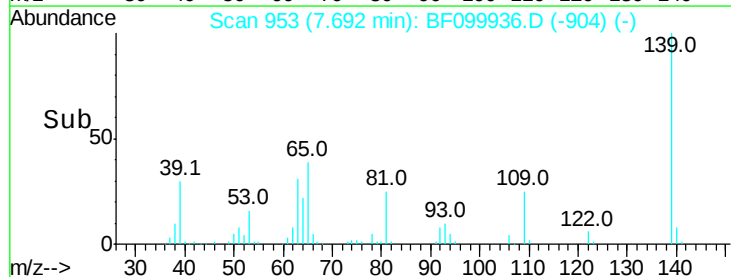
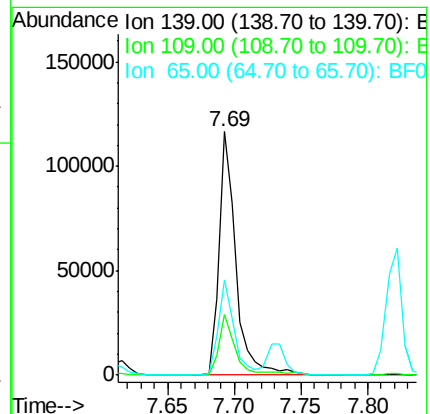
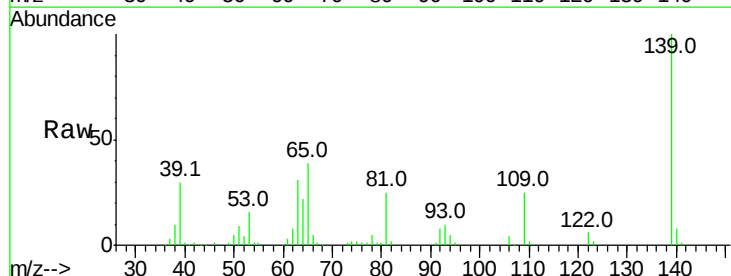
Tgt Ion: 139 Resp: 104290

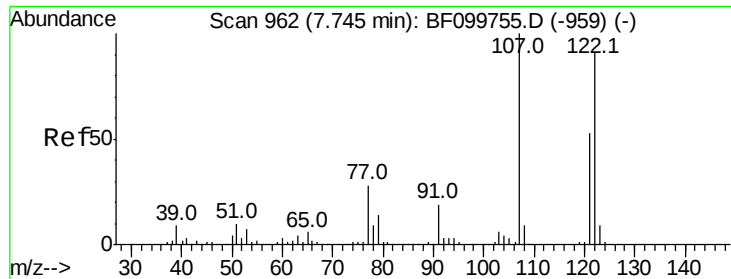
Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 39.1 40.5 60.7#

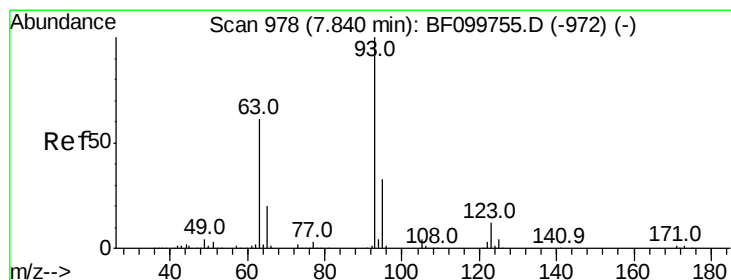
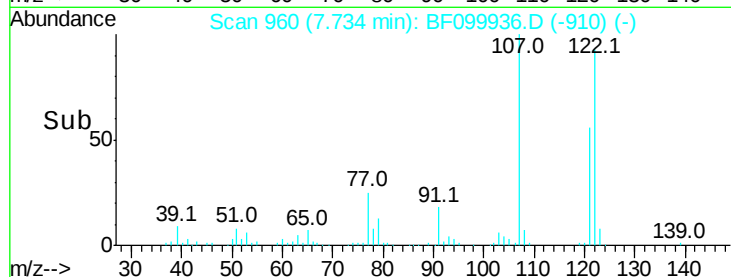
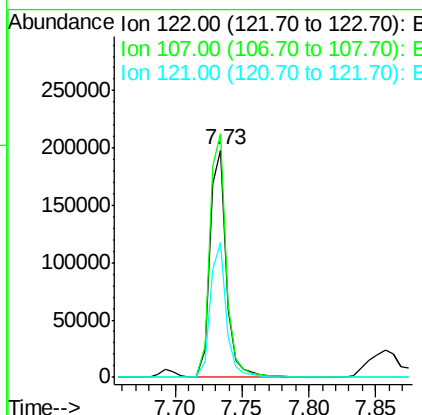
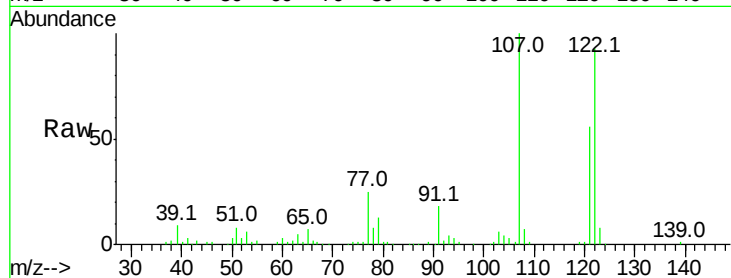




#27
2,4-Dimethylphenol
Concen: 39.306 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

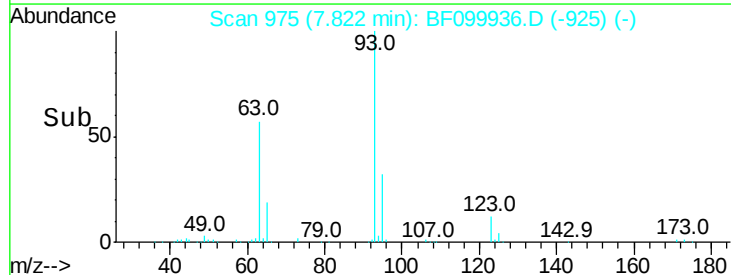
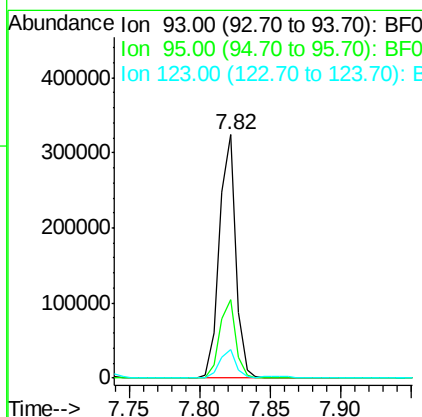
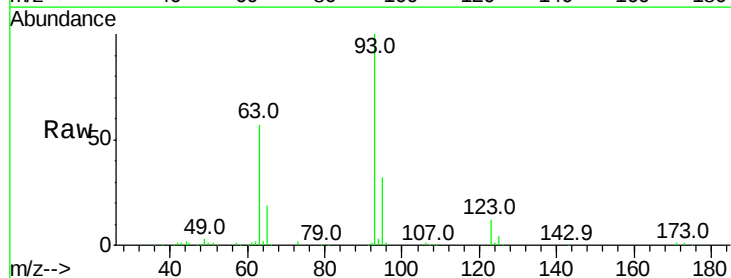
Instrument :
BNA_F
ClientSampled :

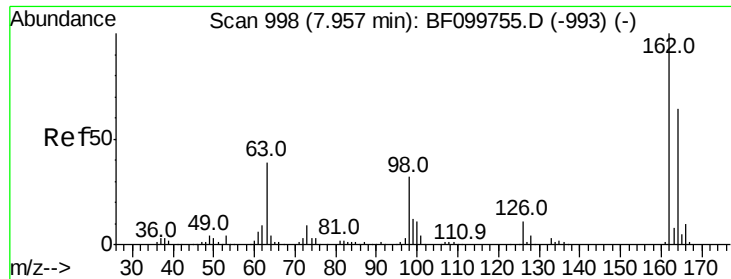
Tot Ion:122 Resp: 172137
Ion Ratio Lower Upper
122 100
107 107.3 91.2 136.8
121 59.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.946 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion: 93 Resp: 261456
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 11.6 9.8 14.6

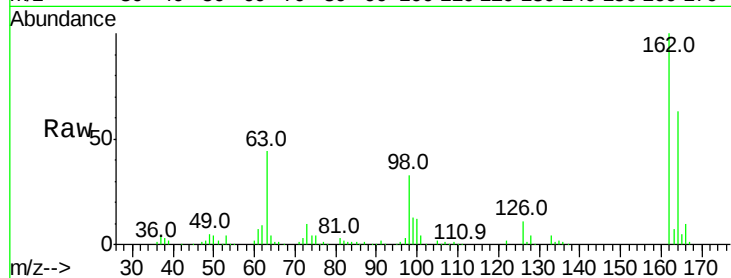




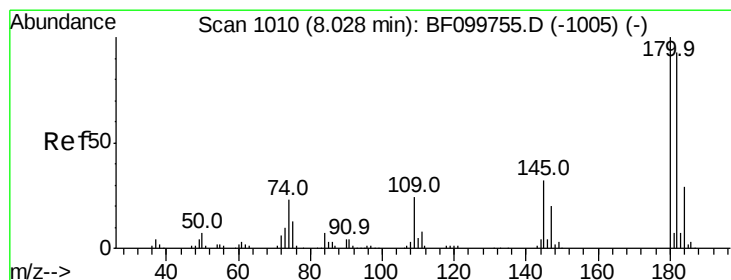
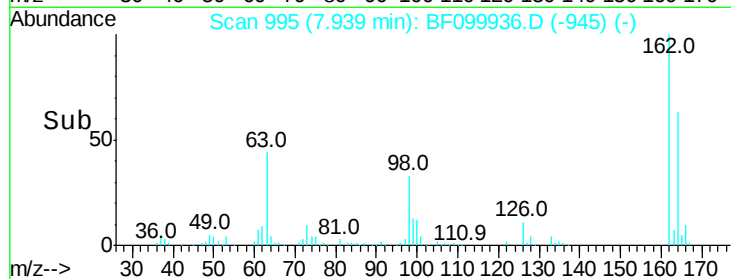
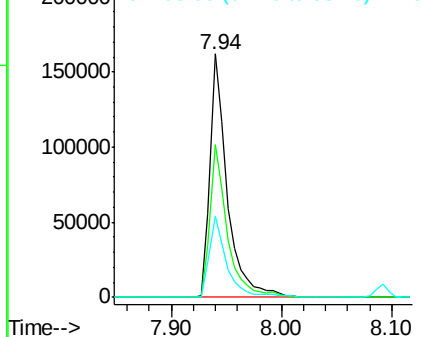
#29
 2,4-Dichlorophenol
 Concen: 37.906 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 172450
 Ion Ratio Lower Upper
 162 100
 164 62.6 42.7 82.7
 98 33.2 18.1 58.1

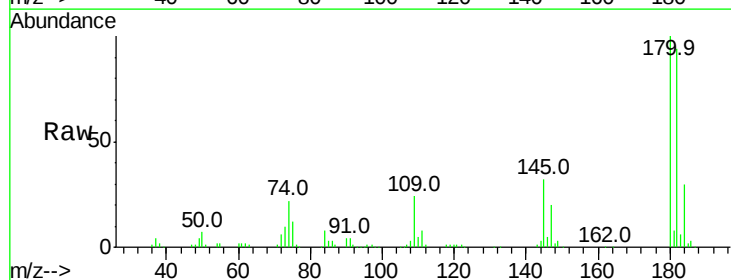


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

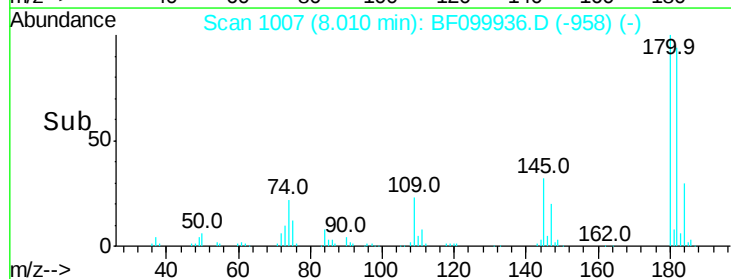
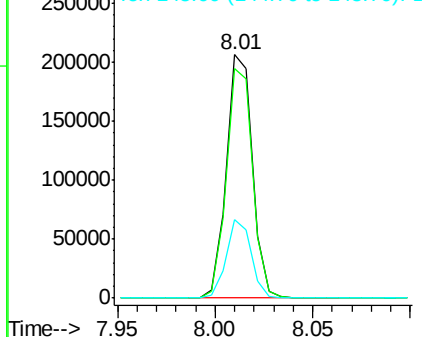


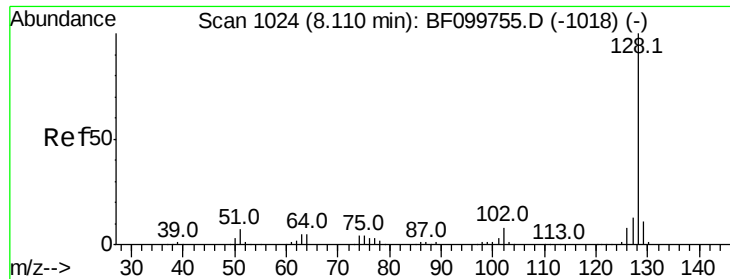
#30
 1,2,4-Trichlorobenzene
 Concen: 39.269 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion:180 Resp: 190883
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.8 115.2
 145 32.3 26.5 39.7



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

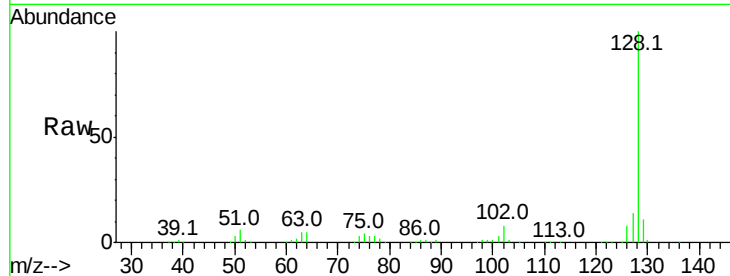




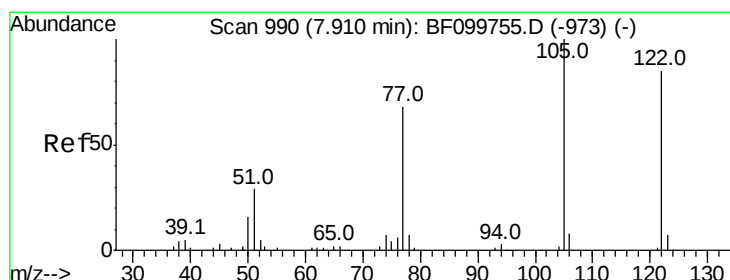
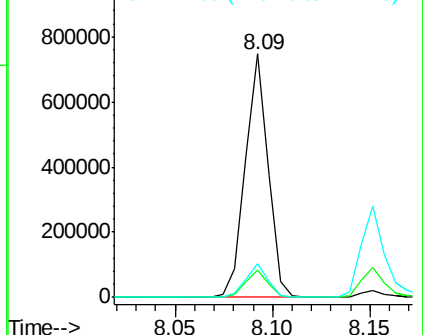
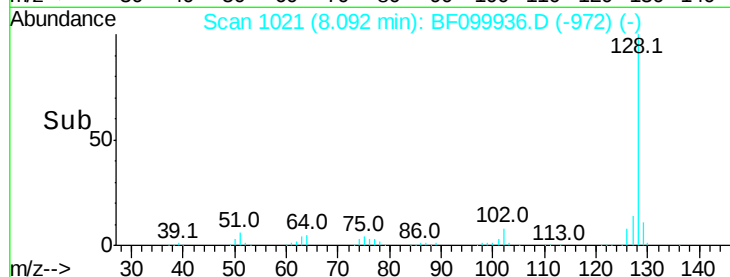
#31
Naphthalene
Concen: 37.839 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 605642
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.7 10.9 16.3

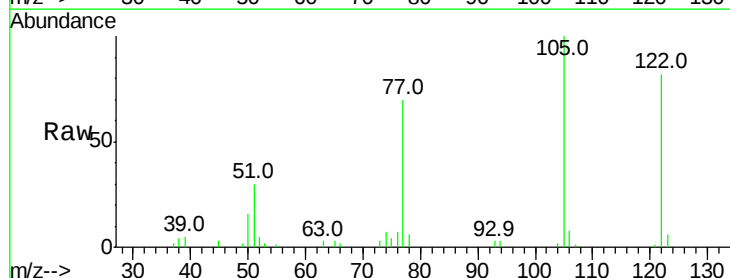


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

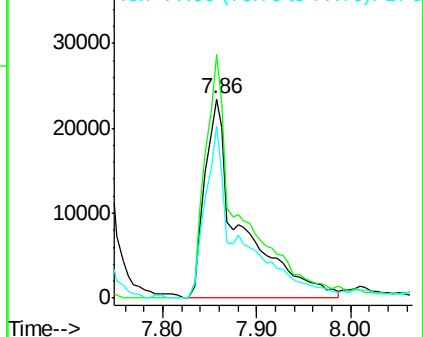
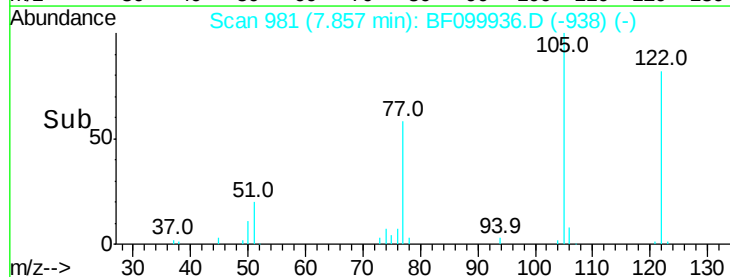


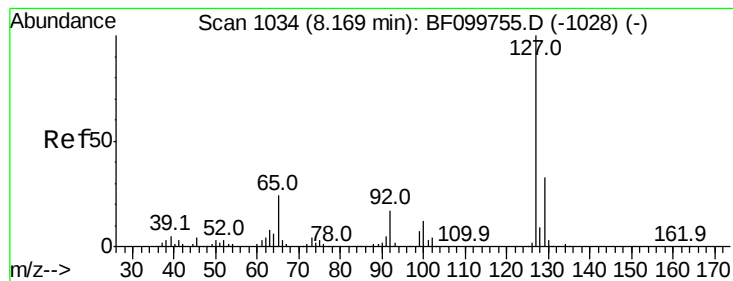
#32
Benzoic acid
Concen: 16.370 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.05 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion:122 Resp: 63101
Ion Ratio Lower Upper
122 100
105 122.3 101.1 141.1
77 86.1 70.7 110.7



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): BF0





#33

4-Chloroaniline

Concen: 37.275 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF099936.D

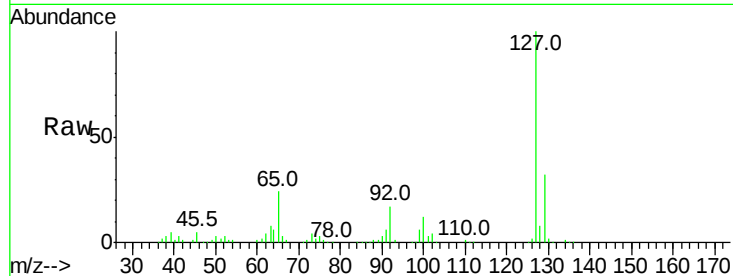
Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	246364
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	24.4	25.0	37.4#
92	17.2	15.2	22.8

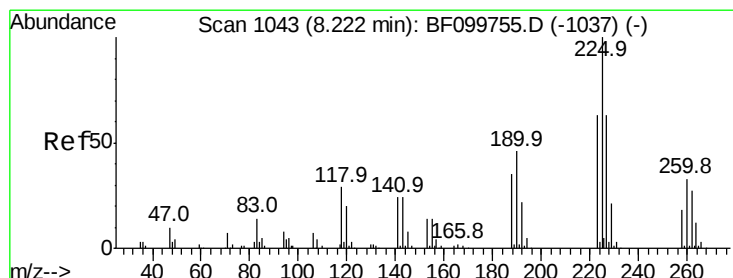
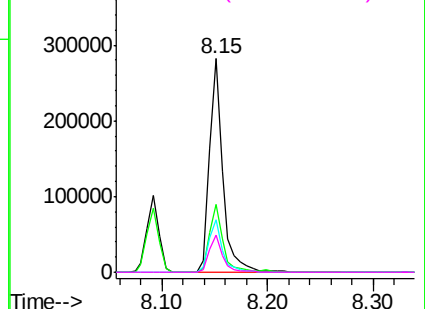
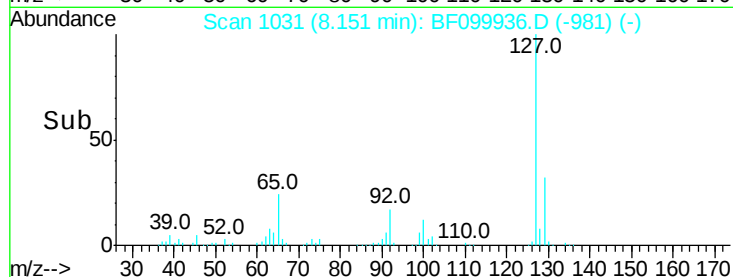


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.499 ng

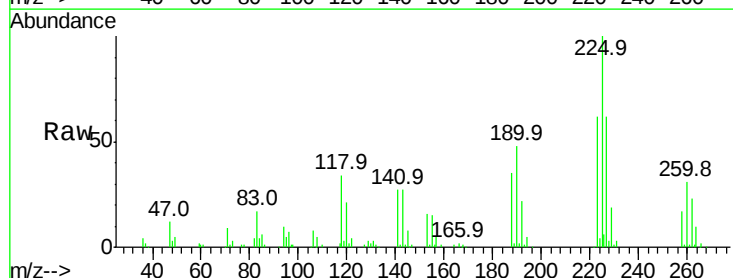
RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

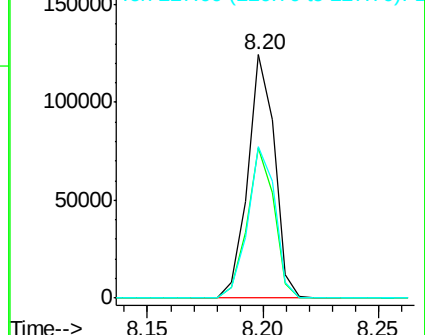
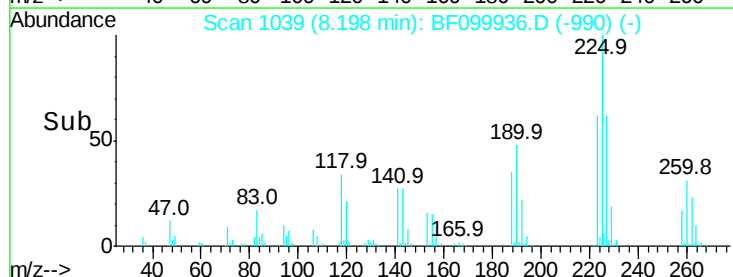
Tgt Ion:	225	Resp:	101259
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	62.2	51.9	77.9

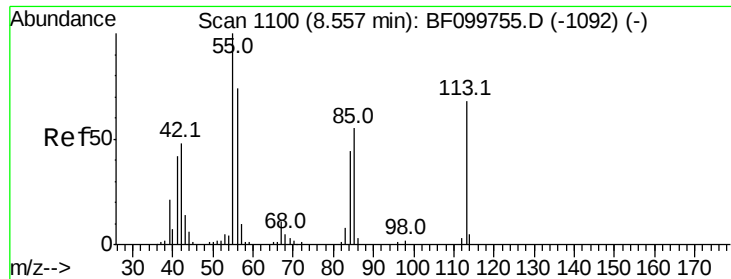


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.779 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampled :

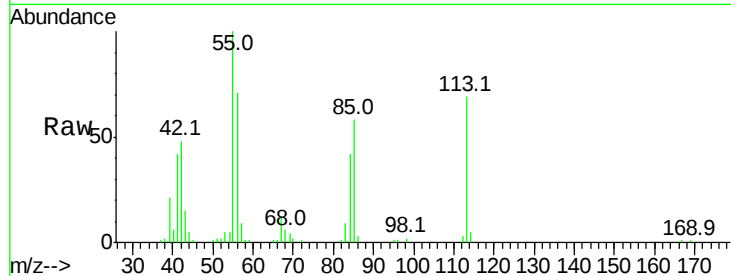
Tot Ion:113 Resp: 36882

Ion Ratio Lower Upper

113 100

55 144.7 163.3 203.3#

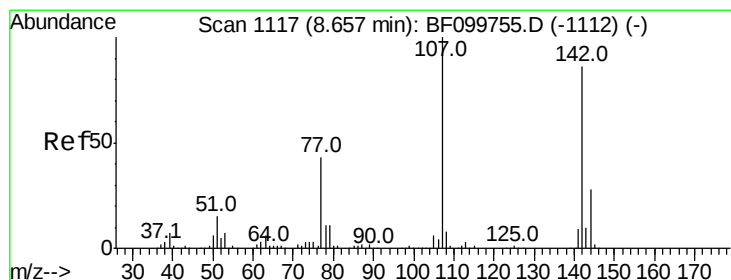
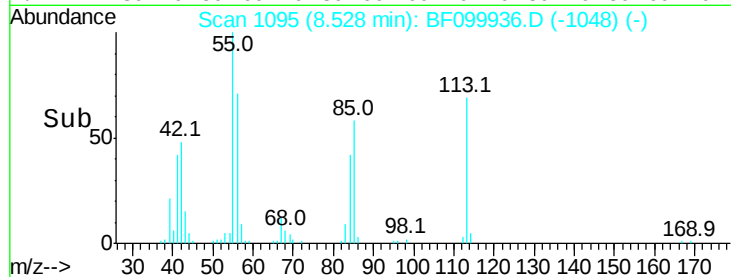
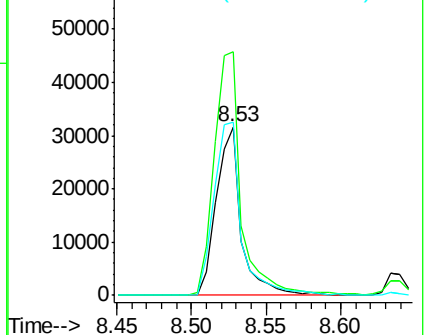
56 103.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.766 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

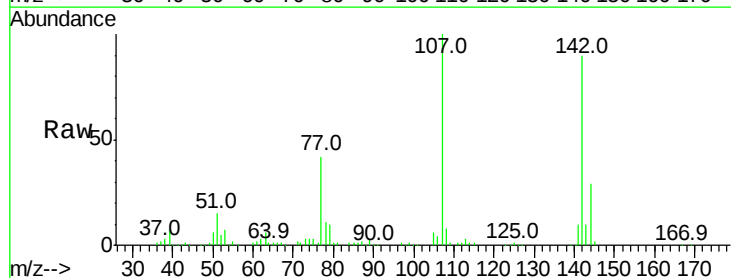
Tgt Ion:107 Resp: 152147

Ion Ratio Lower Upper

107 100

144 29.2 20.5 30.7

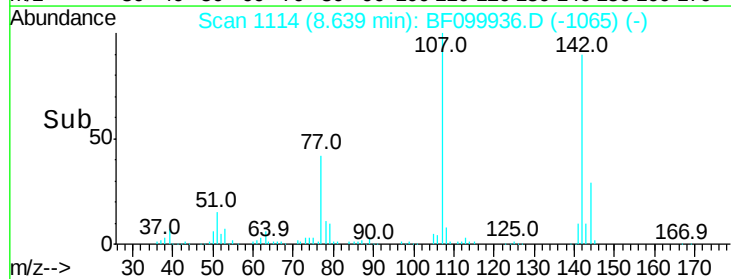
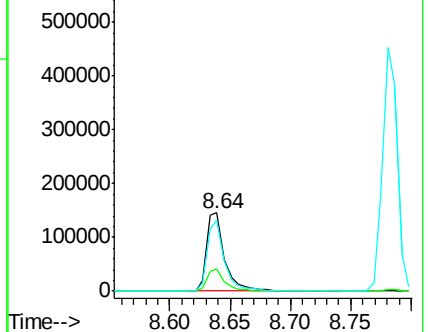
142 90.0 62.0 93.0

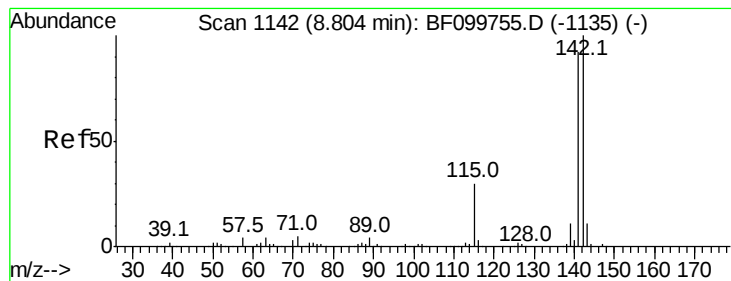


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.450 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampled :

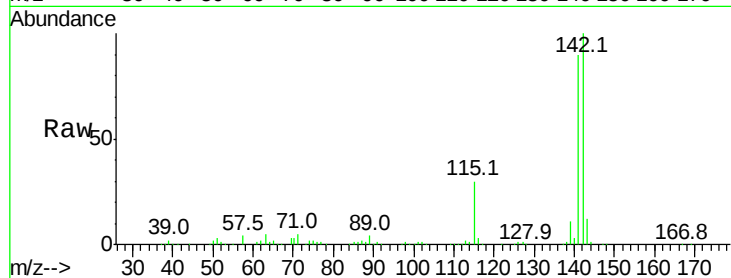
Tot Ion:142 Resp: 390968

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

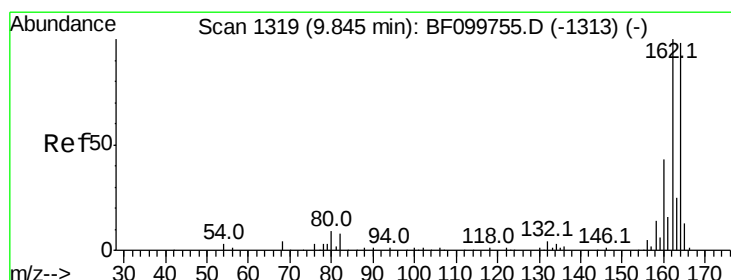
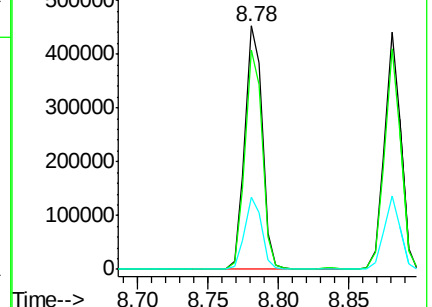
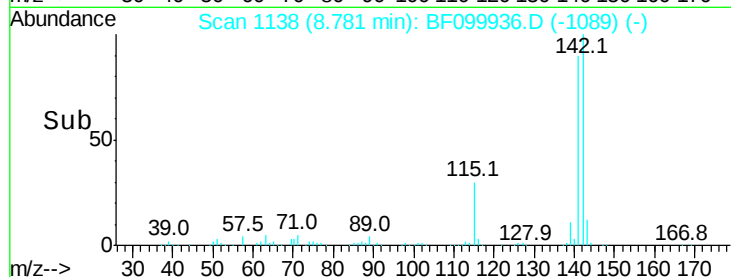
115 29.8 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

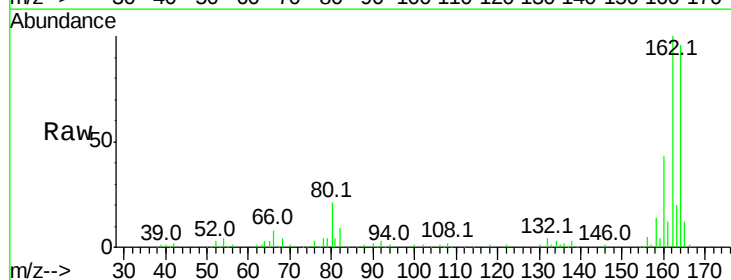
Tgt Ion:164 Resp: 125001

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

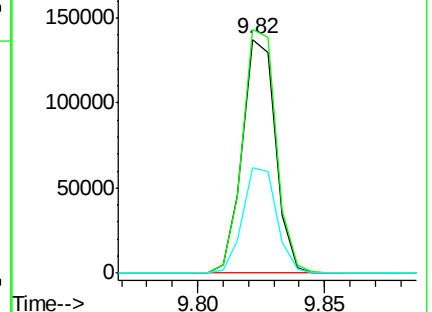
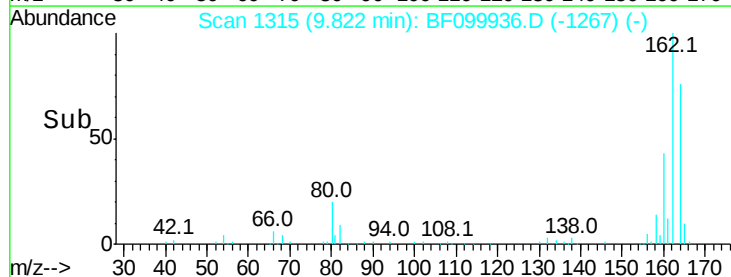
160 44.9 38.3 57.5

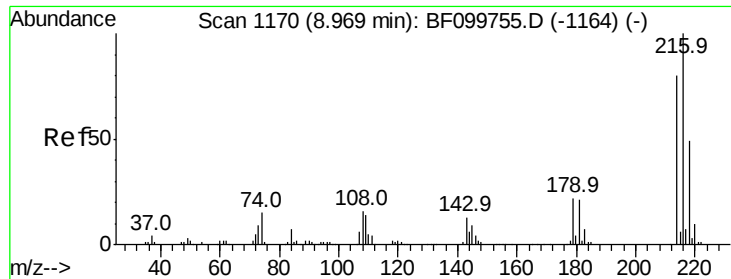


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

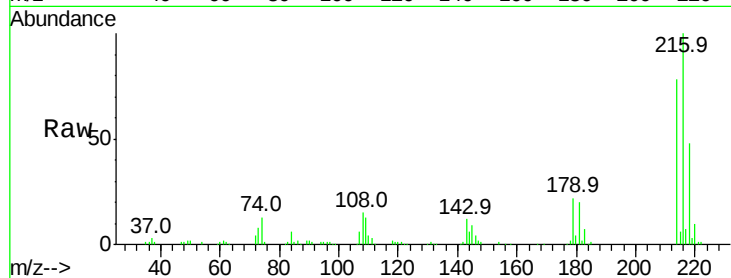




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.741 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
216	100	180628		
214	78.4		63.0	94.4
179	21.8		18.1	27.1
108	16.0		17.2	25.8#

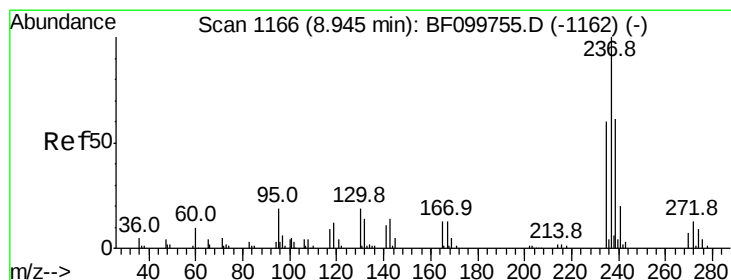
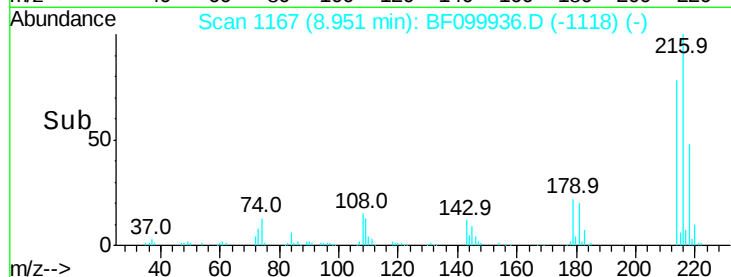
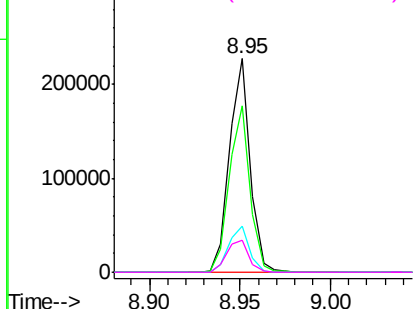


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

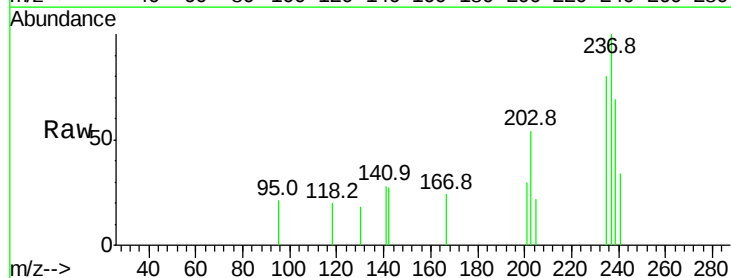
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 11.742 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

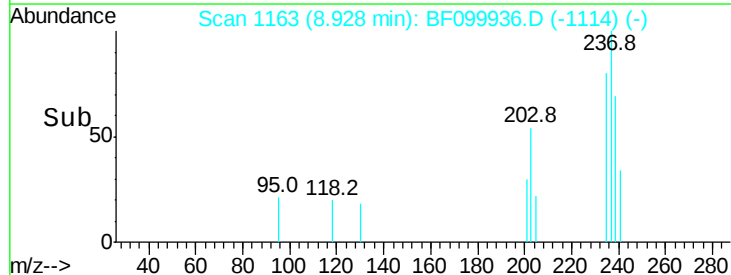
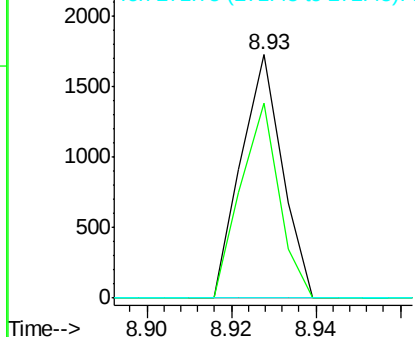
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1167		
235	80.1		44.8	84.8
272	0.0		0.0	33.3

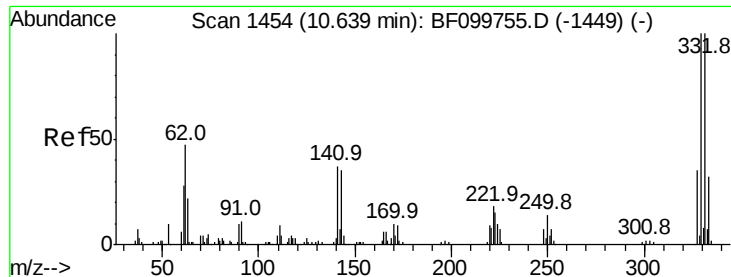


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

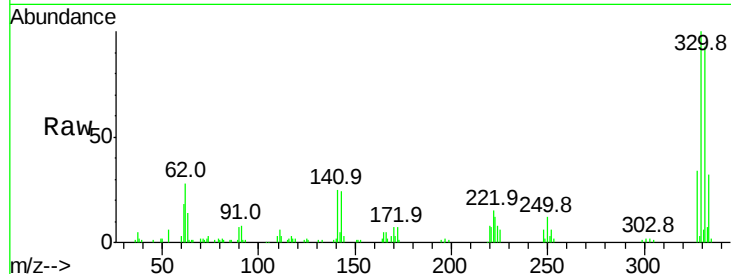




#41
 2,4,6-Tribromophenol
 Concen: 60.093 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	95.8			77.0	115.6	
141	35.3			29.9	44.9	

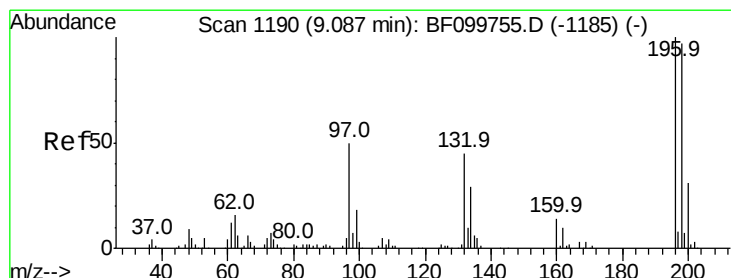
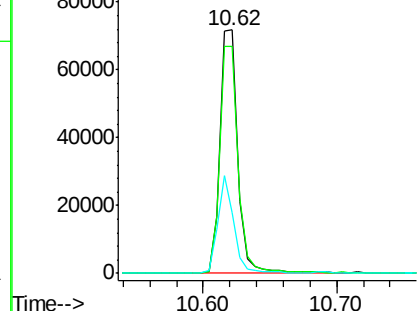
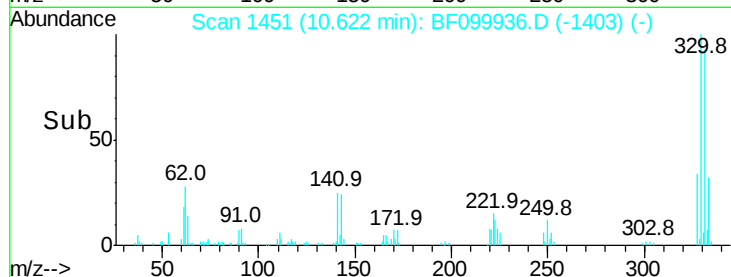


Abundance

Ion 329.80 (329.50 to 330.50): E

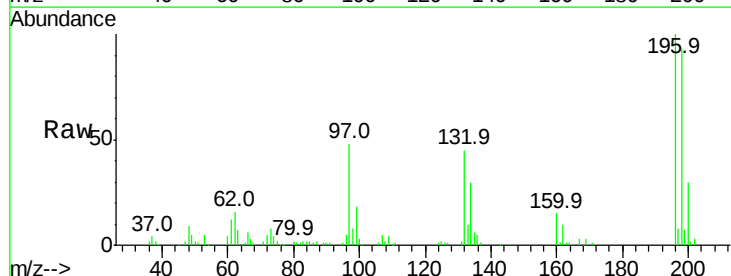
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.421 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion	196	198	200	Ratio	Lower	Upper
196	100					
198	92.9			75.7	113.5	
200	30.0			24.5	36.7	

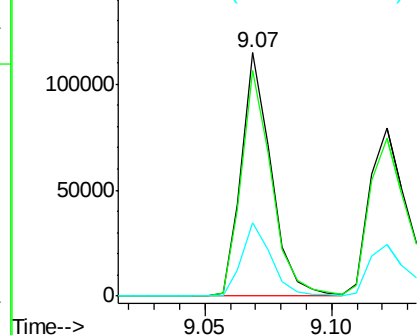
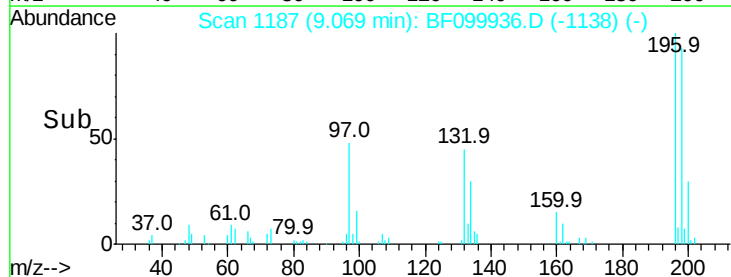


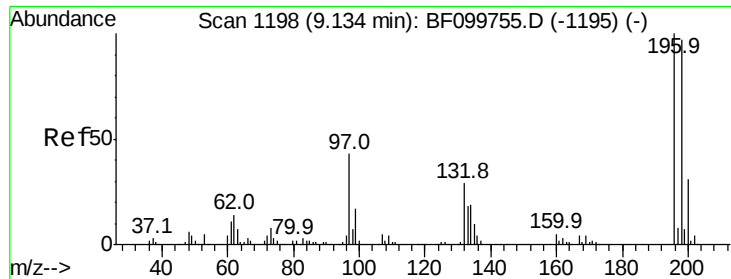
Abundance

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

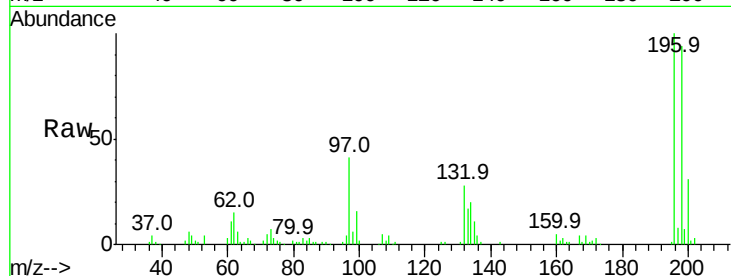




#43
 2,4,5-Trichlorophenol
 Concen: 35.884 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	74.6	112.0
97	40.6	42.9	64.3#
132	28.2	26.3	39.5



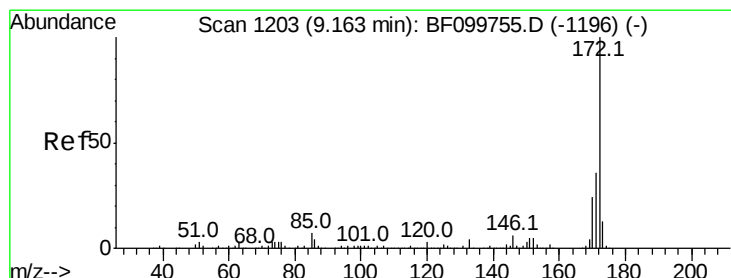
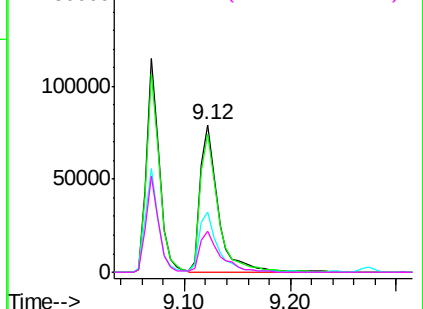
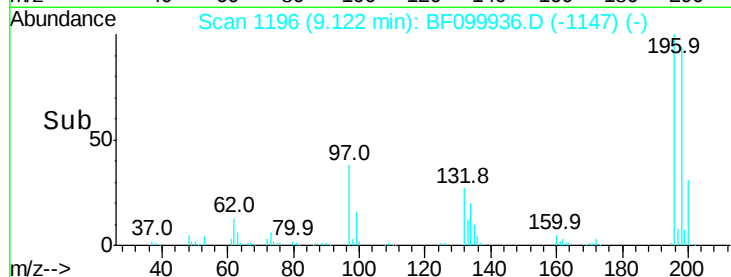
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

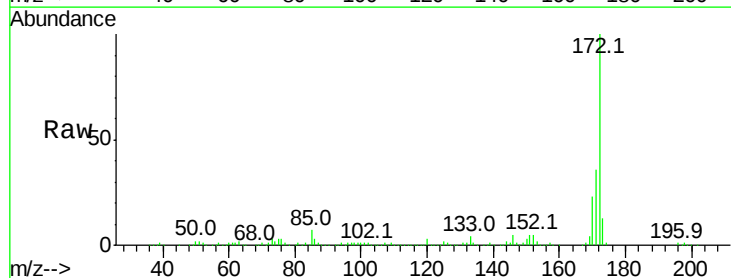
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.772 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.2	19.6	29.4

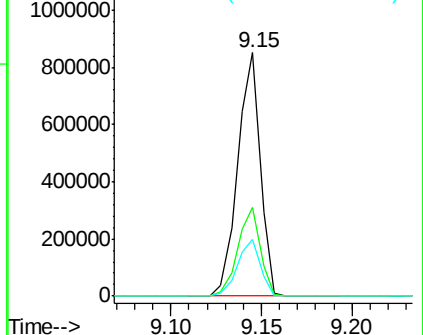
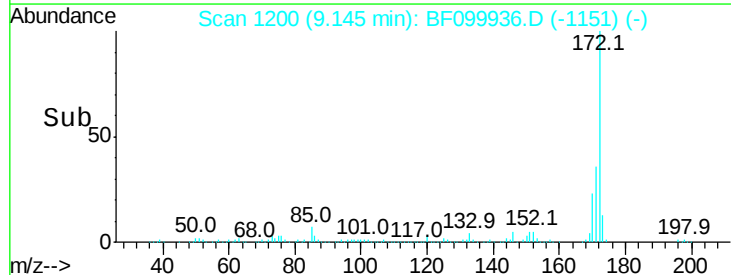


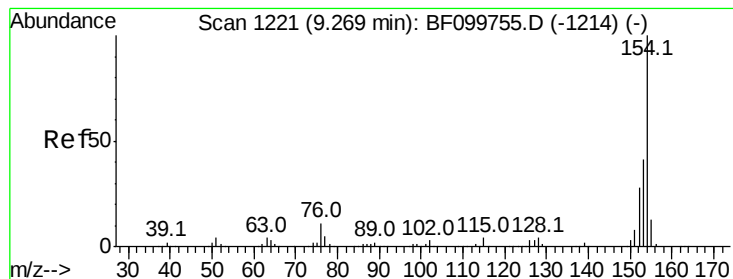
Abundance

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





#45

1,1'-Biphenyl

Concen: 42.828 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

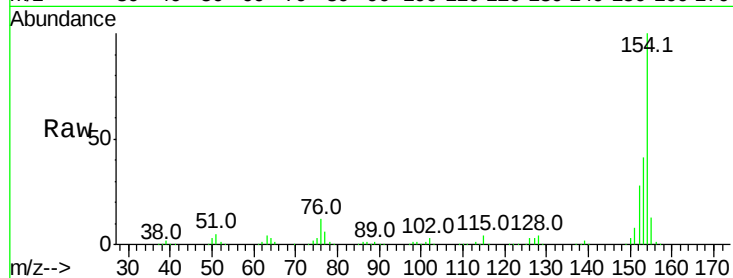
Tot Ion:154 Resp: 484308

Ion Ratio Lower Upper

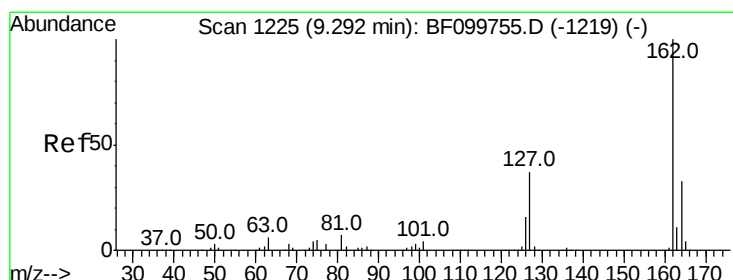
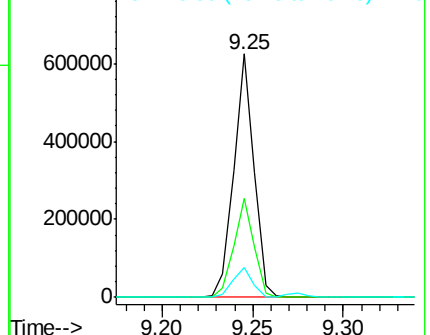
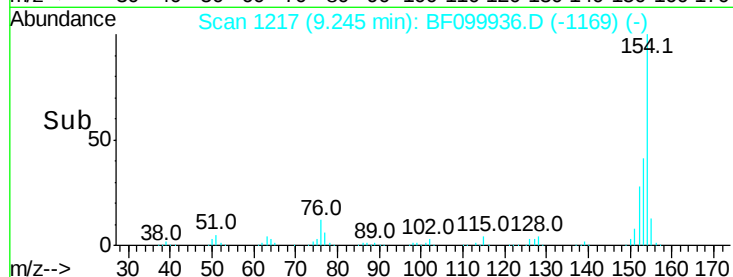
154 100

153 40.6 21.3 61.3

76 12.4 0.0 34.0



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): BF0



#46

2-Chloronaphthalene

Concen: 41.103 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

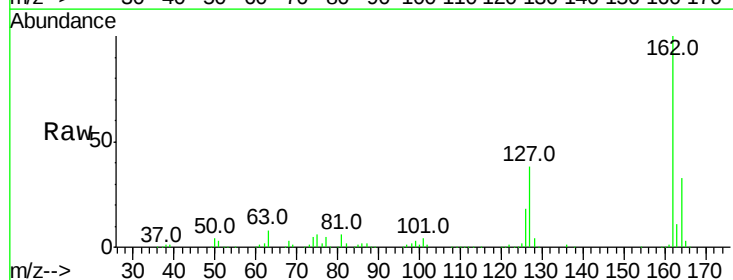
Tgt Ion:162 Resp: 337552

Ion Ratio Lower Upper

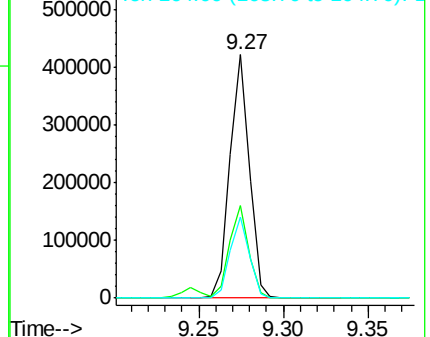
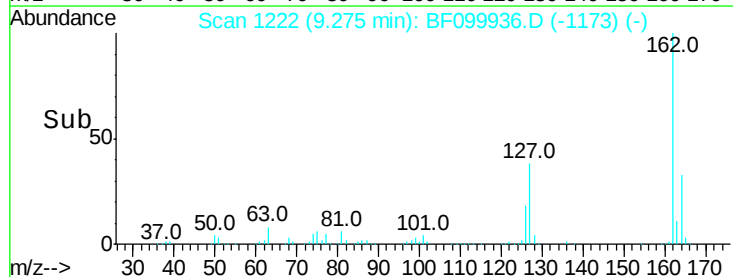
162 100

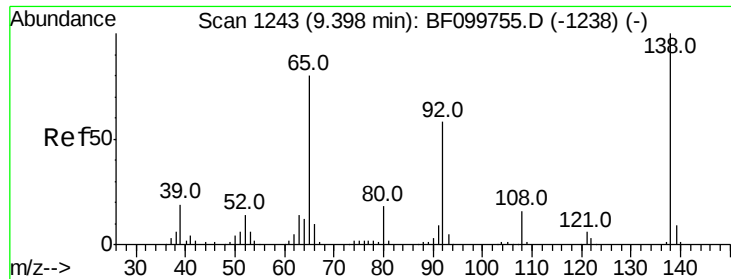
127 38.1 33.9 50.9

164 33.3 26.5 39.7



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

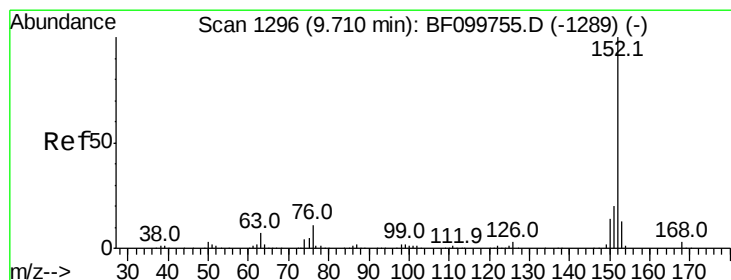
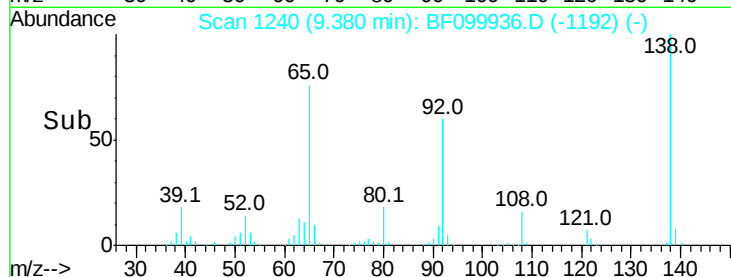
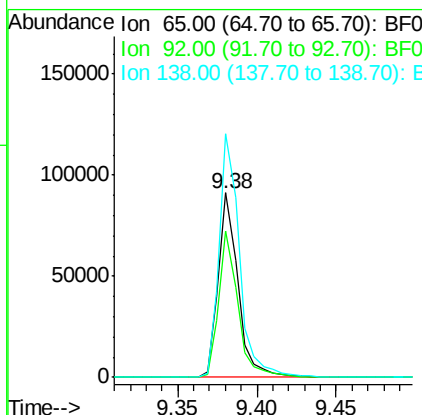
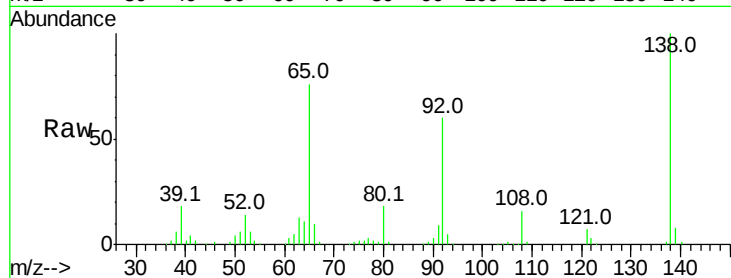




#47
 2-Nitroaniline
 Concen: 36.843 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

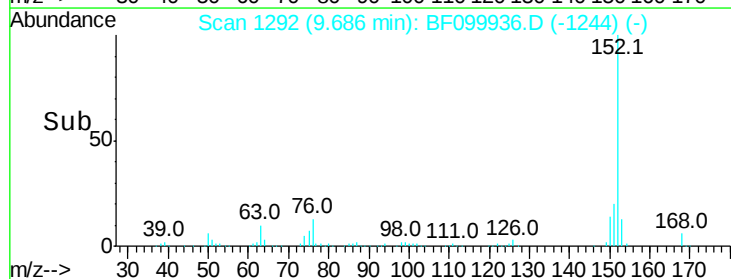
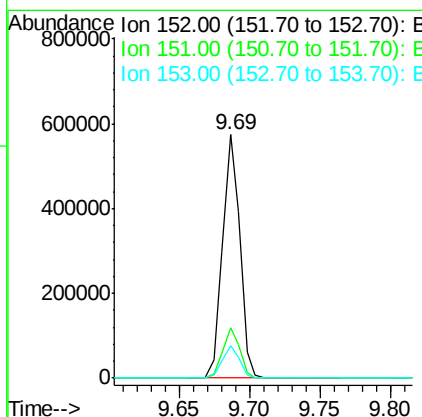
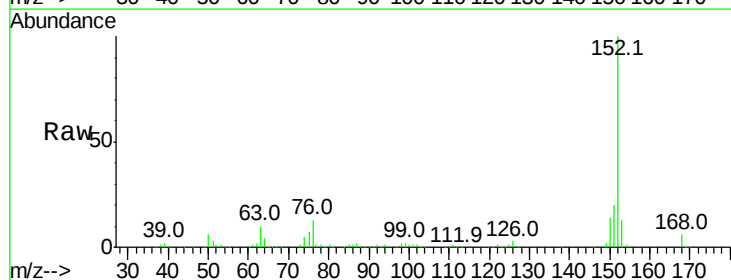
Instrument :
 BNA_F
 ClientSampleId :

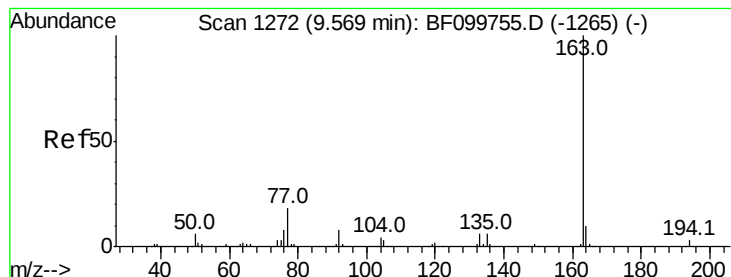
Tot Ion: 65 Resp: 79412
 Ion Ratio Lower Upper
 65 100
 92 79.5 55.8 83.6
 138 132.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.605 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion: 152 Resp: 488302
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 40.156 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

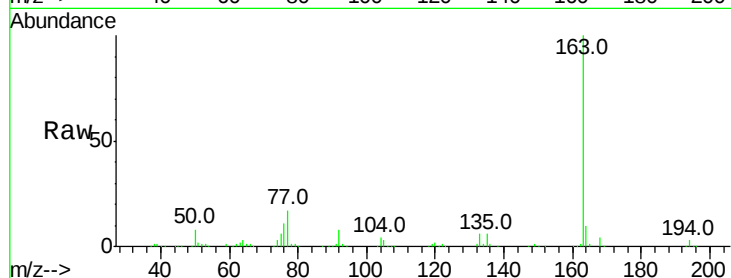
Tot Ion:163 Resp: 397507

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

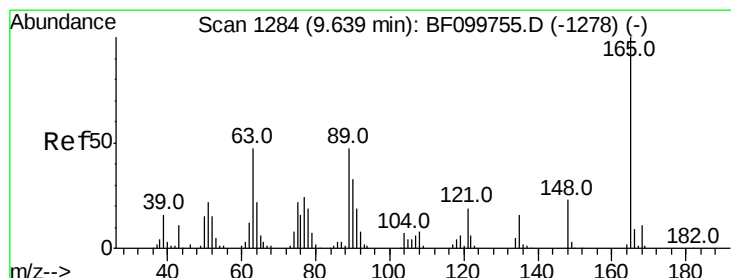
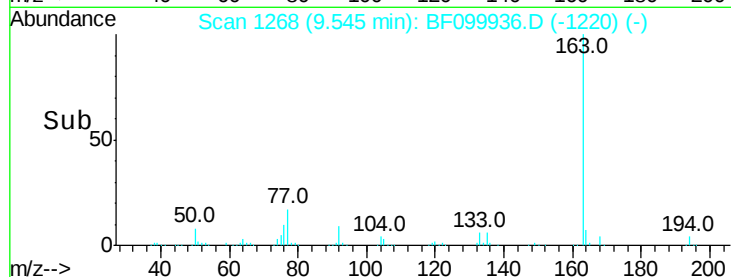
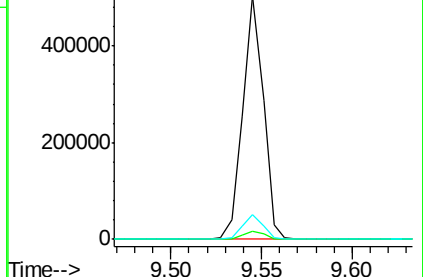
164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 36.760 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

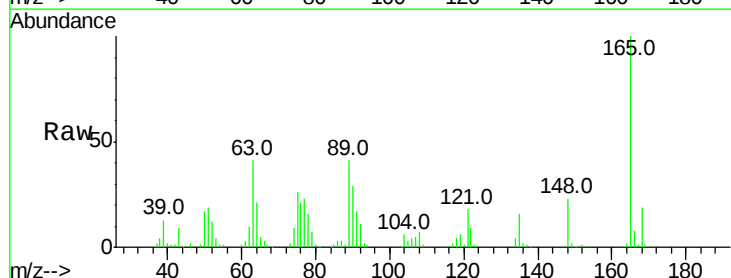
Tgt Ion:165 Resp: 76497

Ion Ratio Lower Upper

165 100

63 41.3 44.7 67.1#

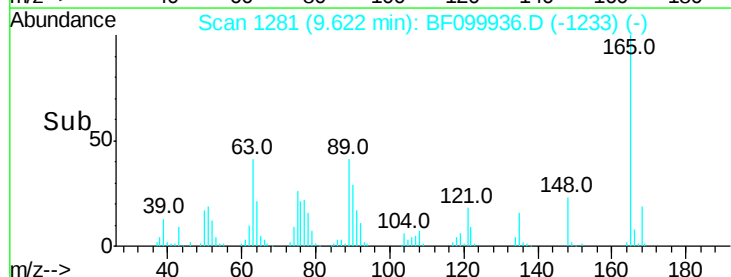
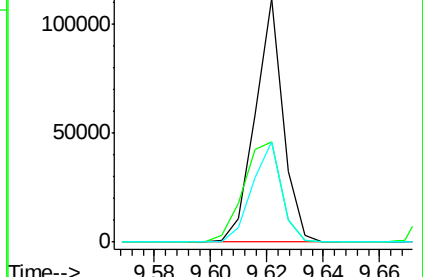
89 41.1 44.0 66.0#

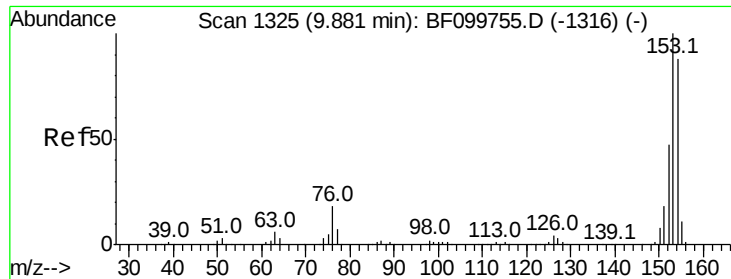


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

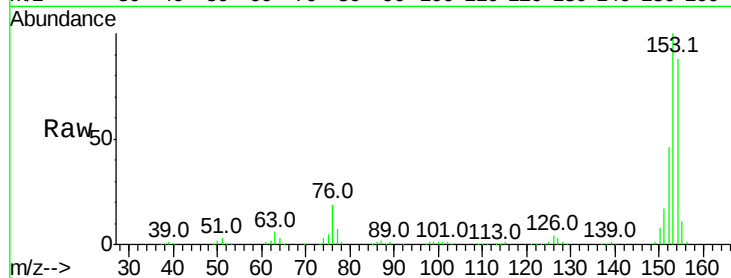




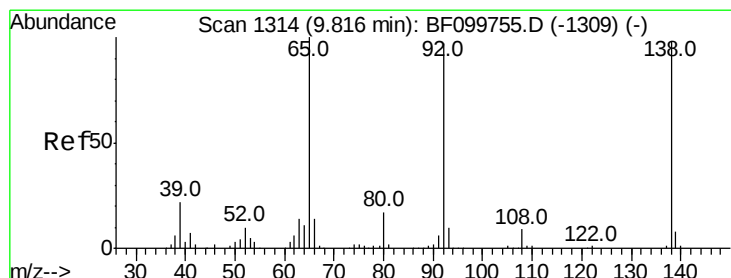
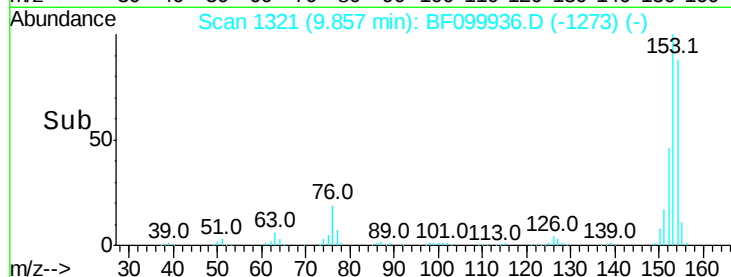
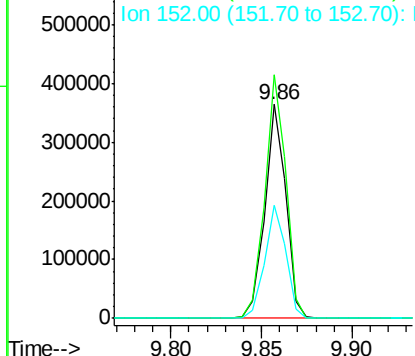
#51
Acenaphthene
Concen: 38.040 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 293998
Ion Ratio Lower Upper
154 100
153 113.7 91.2 136.8
152 52.7 43.8 65.8

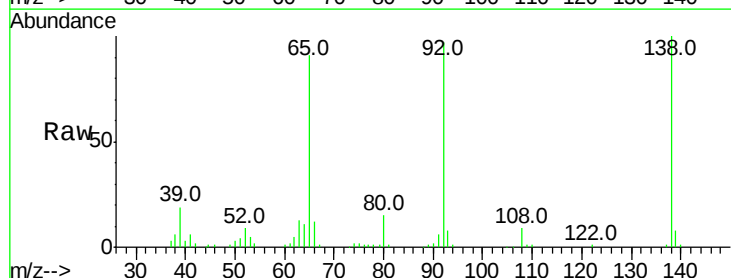


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

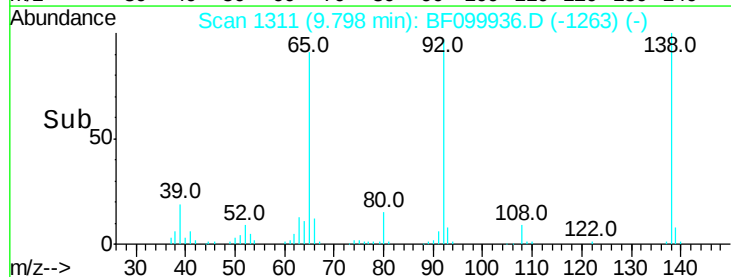
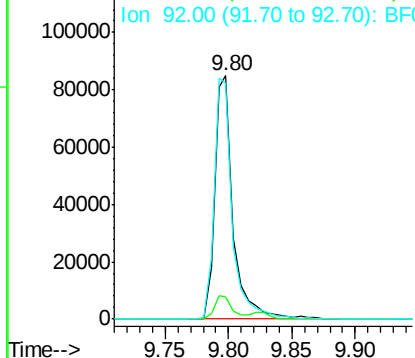


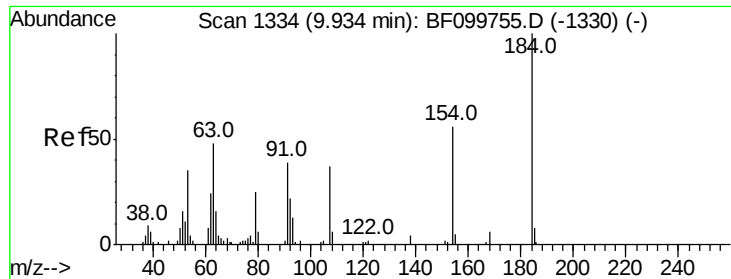
#52
3-Nitroaniline
Concen: 35.292 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion:138 Resp: 86536
Ion Ratio Lower Upper
138 100
108 9.0 9.4 14.0#
92 97.0 89.4 134.2



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): BF0

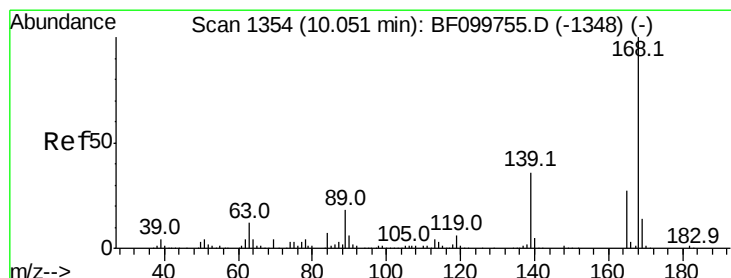
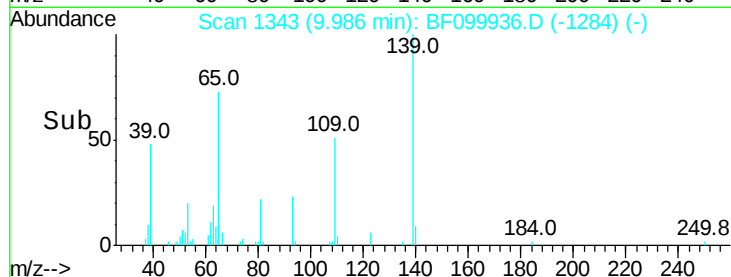
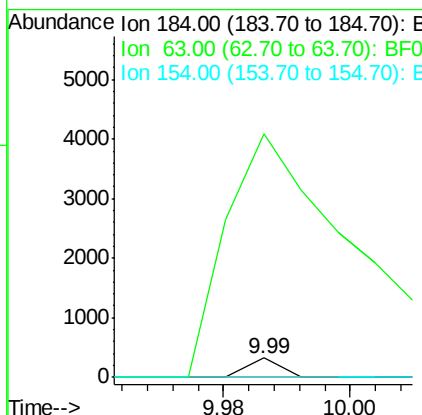
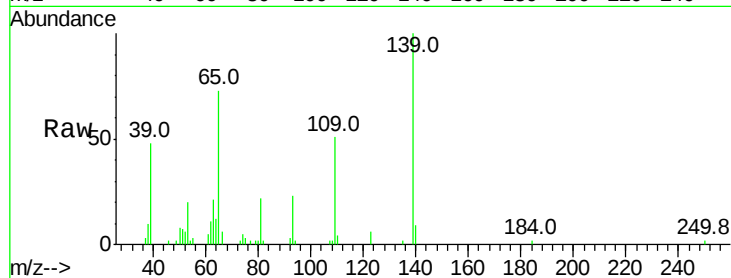




#53
 2,4-Dinitrophenol
 Concen: 5.891 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.05 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

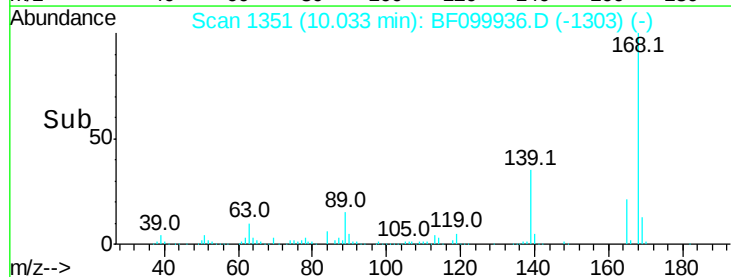
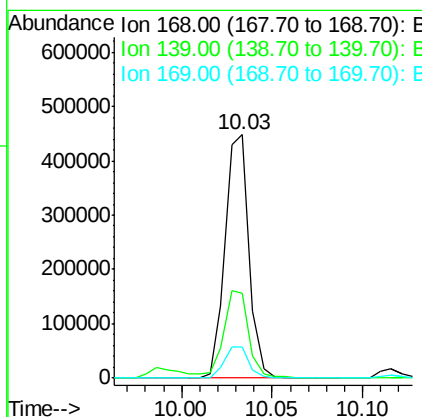
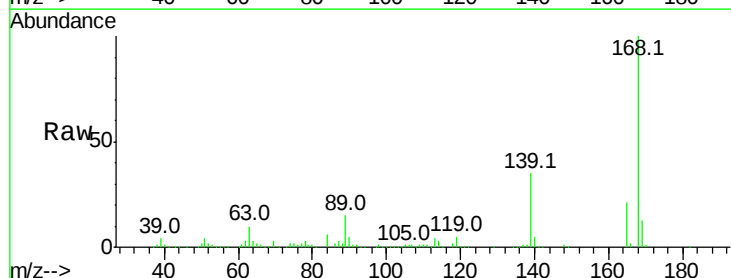
Instrument :
 BNA_F
 ClientSampled :

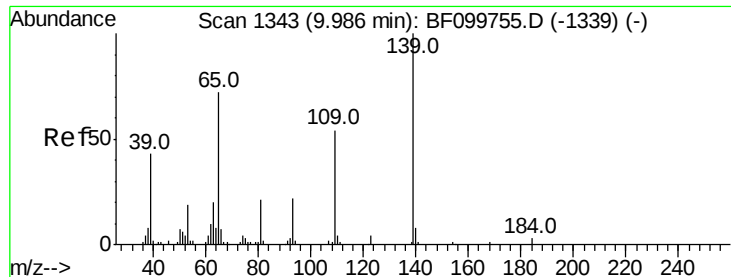
Tot Ion:184 Resp: 115
 Ion Ratio Lower Upper
 184 100
 63 1254.0 54.2 81.2#
 154 0.0 53.5 80.3#



#54
 Dibenzofuran
 Concen: 37.749 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion:168 Resp: 411821
 Ion Ratio Lower Upper
 168 100
 139 34.8 30.1 45.1
 169 12.8 10.9 16.3





#55

4-Nitrophenol

Concen: 19.539 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

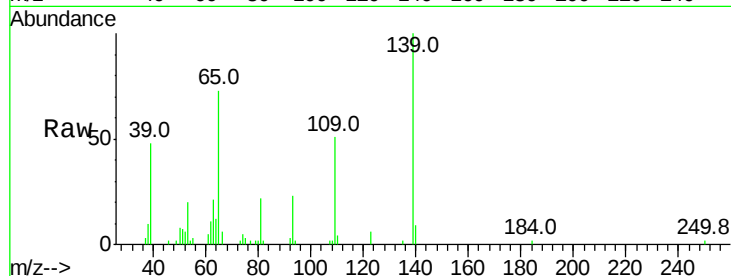
Tot Ion:139 Resp: 25033

Ion Ratio Lower Upper

139 100

109 51.1 48.4 88.4

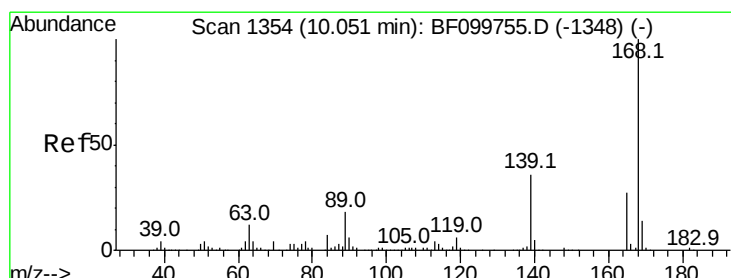
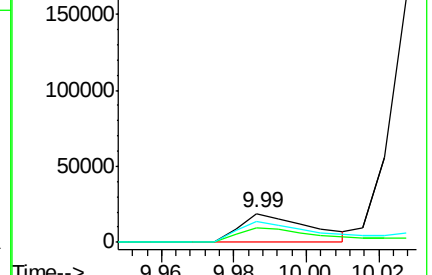
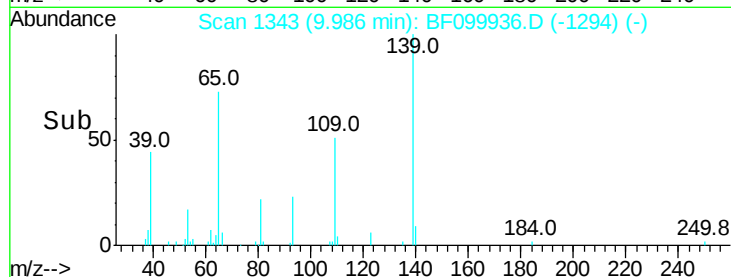
65 73.2 72.6 112.6



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): BF0



#56

2,4-Dinitrotoluene

Concen: 33.448 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Tgt Ion:165 Resp: 83826

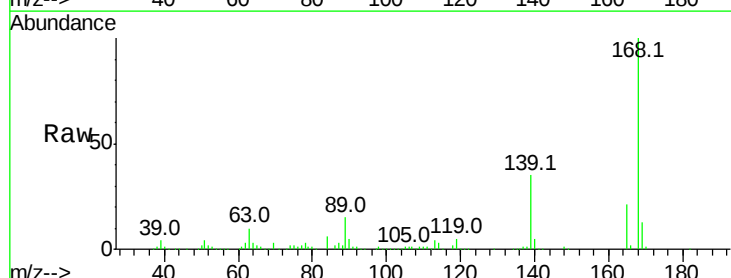
Ion Ratio Lower Upper

165 100

63 48.3 36.4 54.6

89 71.1 57.8 86.6

182 2.1 1.6 2.4

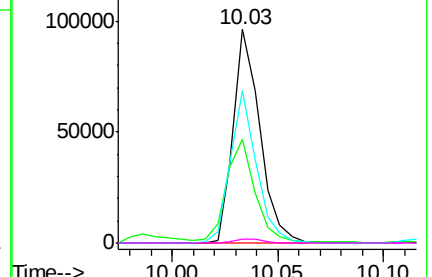
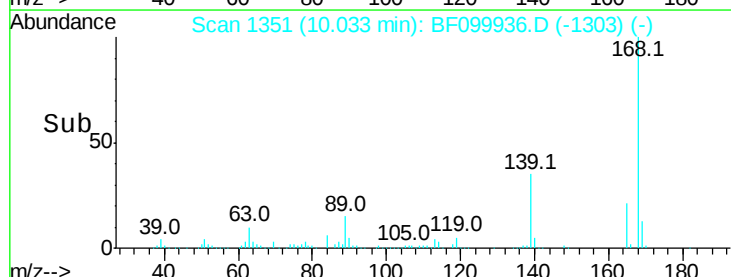


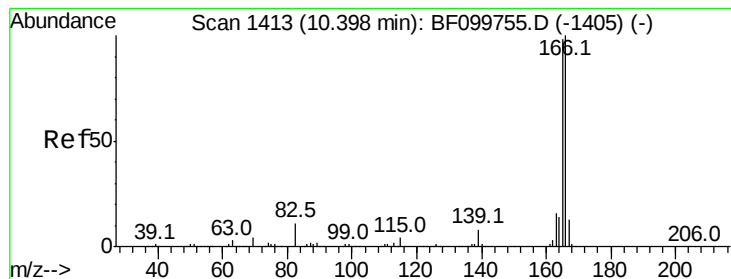
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.267 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampled :

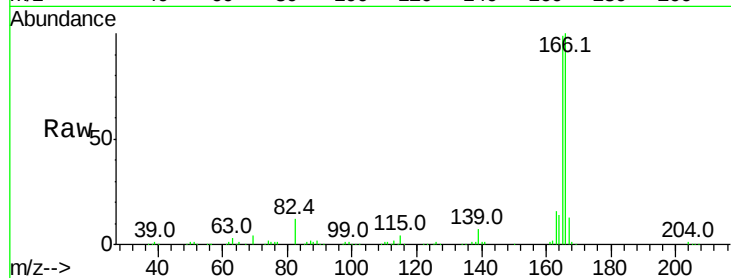
Tot Ion:166 Resp: 318561

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

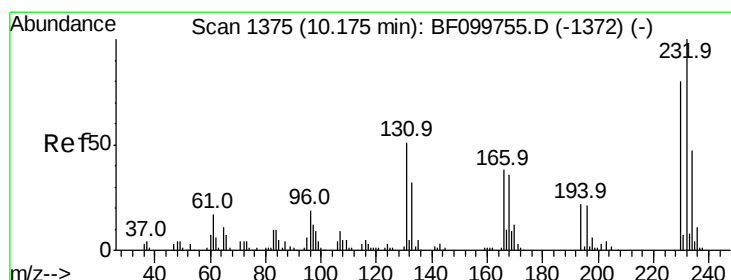
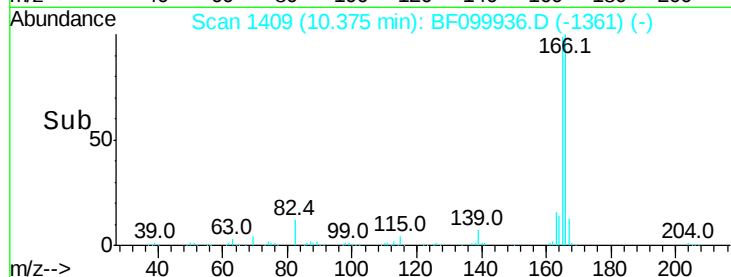
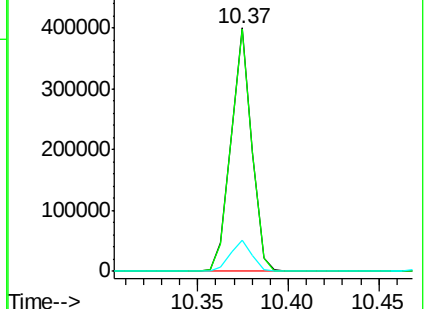
167 13.0 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.504 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Tgt Ion:232 Resp: 53607

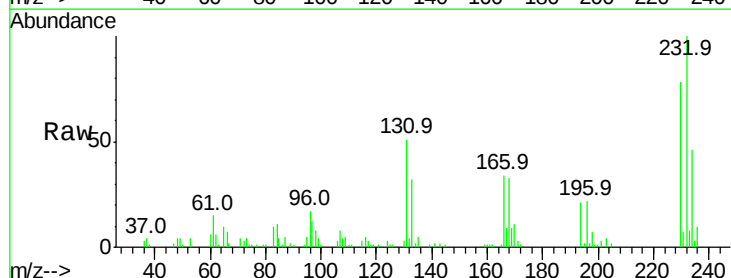
Ion Ratio Lower Upper

232 100

131 49.9 43.8 65.8

130 2.1 2.1 3.1

166 34.1 27.8 41.6

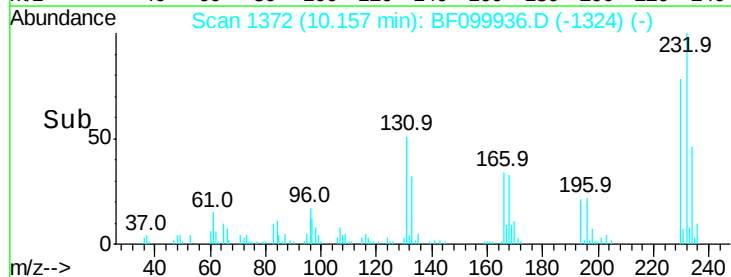
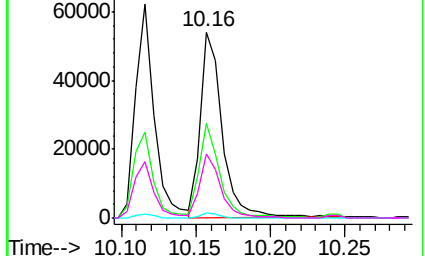


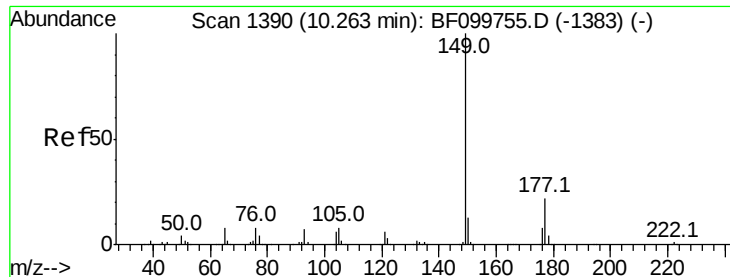
Abundance Ion 232.00 (231.70 to 232.70): E

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

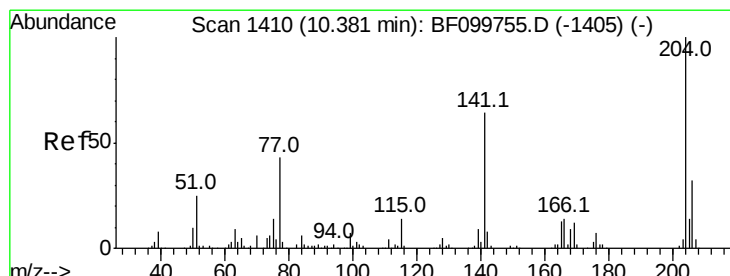
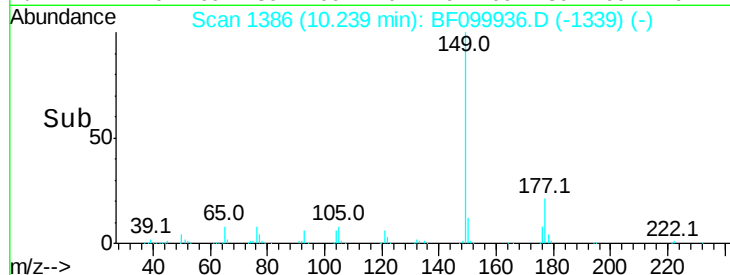
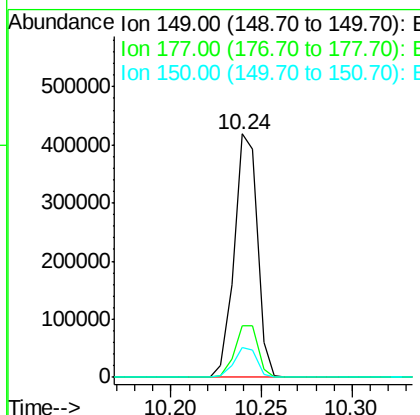
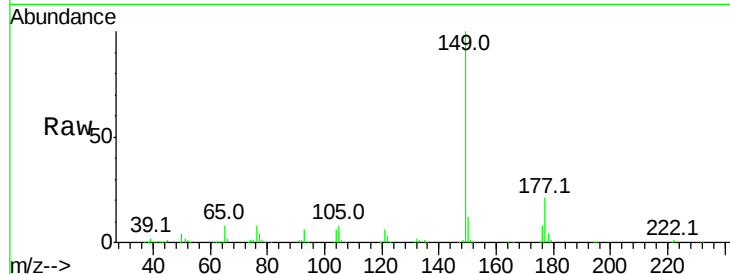




#59
Diethylphthalate
Concen: 38.666 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

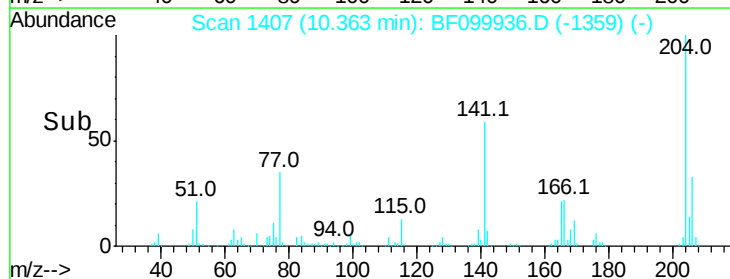
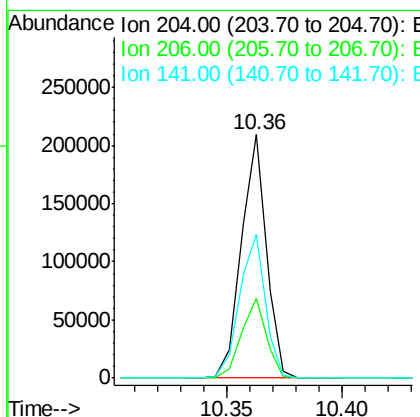
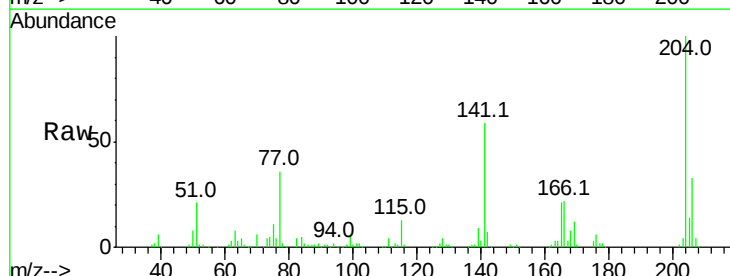
Instrument :
BNA_F
ClientSampled :

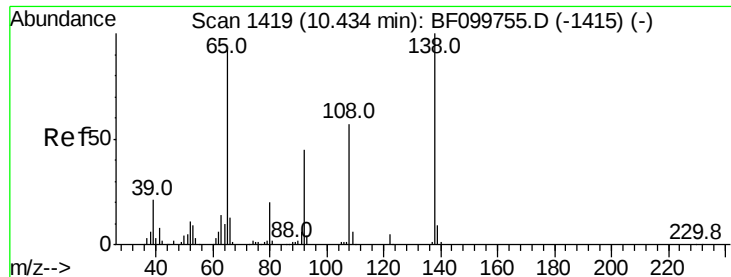
Tot Ion:149 Resp: 373783
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.390 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion:204 Resp: 158950
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 59.2 54.6 81.8

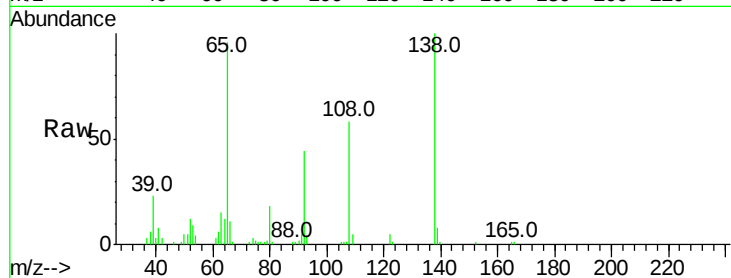




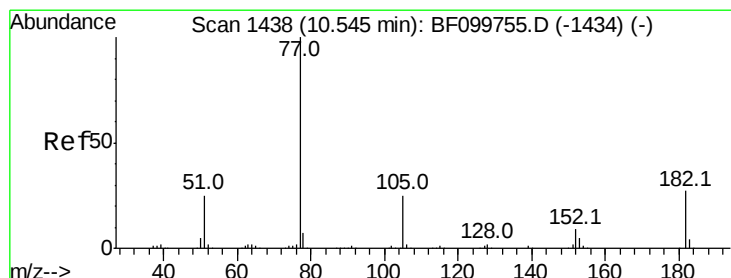
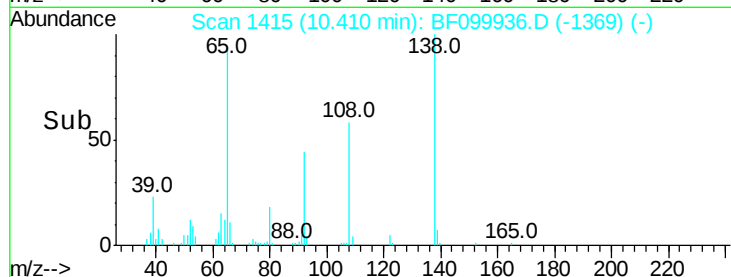
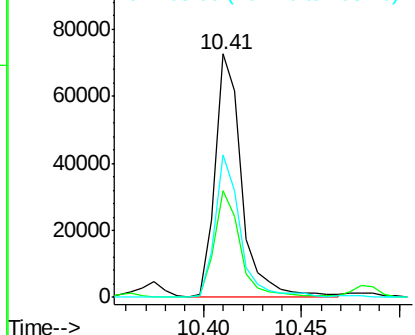
#61
4-Nitroaniline
Concen: 29.687 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.03 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 69449
Ion Ratio Lower Upper
138 100
92 44.0 30.2 70.2
108 58.4 52.5 92.5

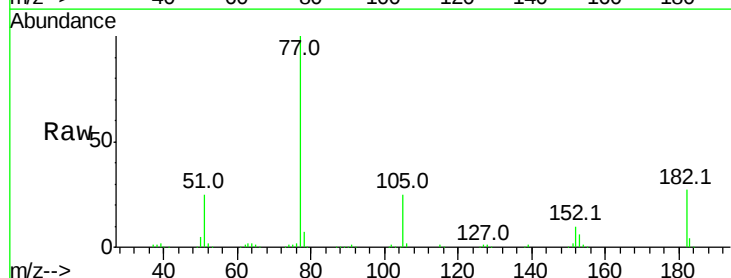


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

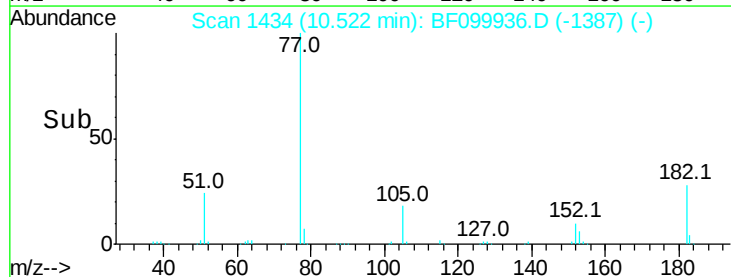
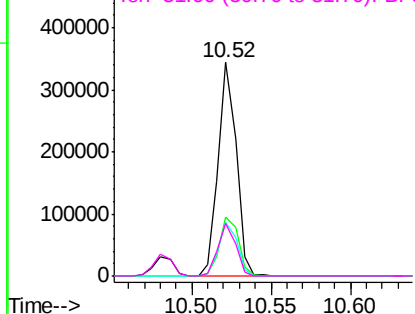


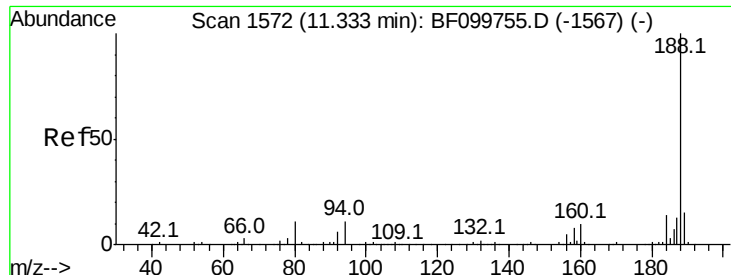
#62
Azobenzene
Concen: 33.744 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion: 77 Resp: 273443
Ion Ratio Lower Upper
77 100
182 27.3 1.7 41.7
105 25.4 3.0 43.0
51 24.7 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

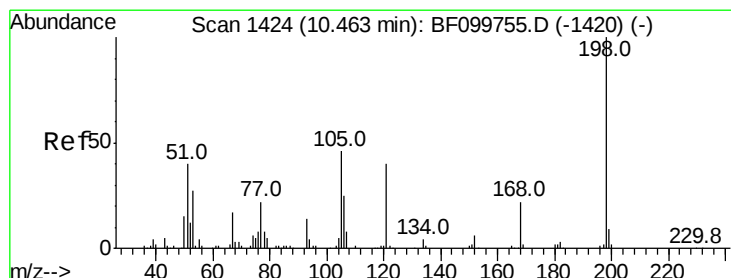
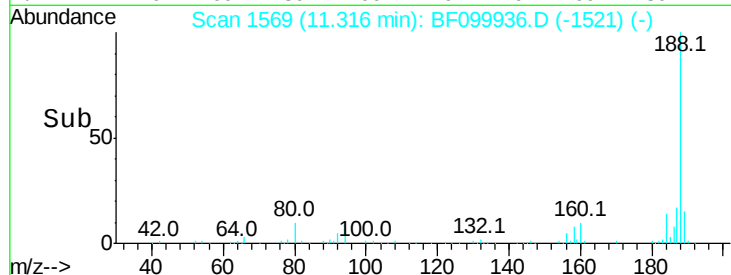
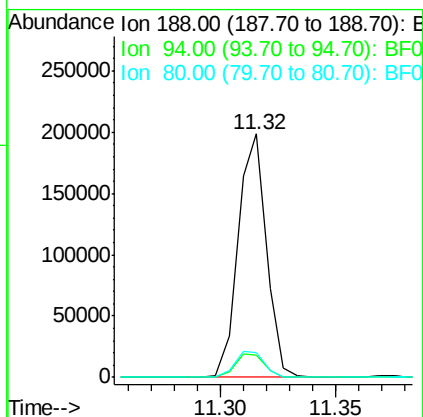
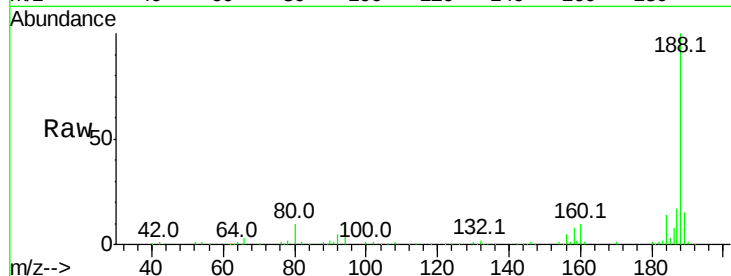




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

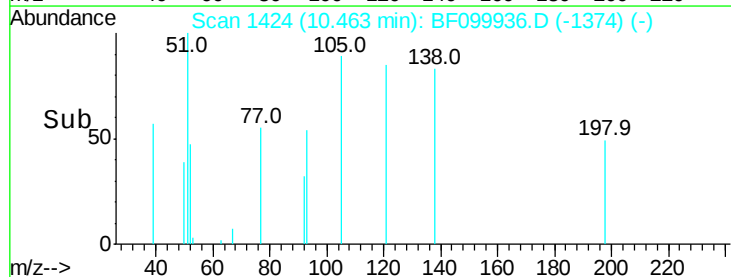
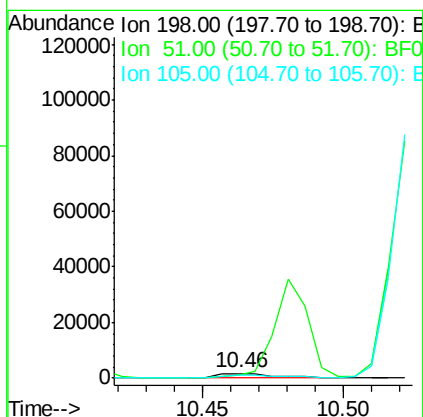
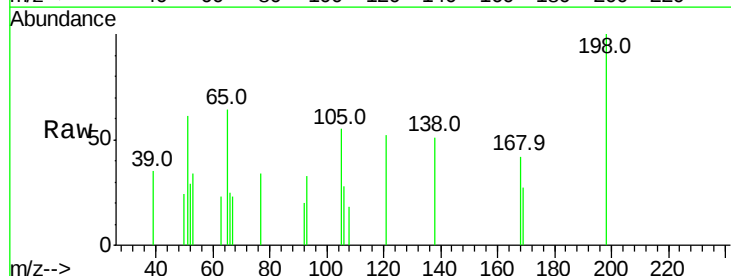
Instrument :
 BNA_F
 ClientSampled :

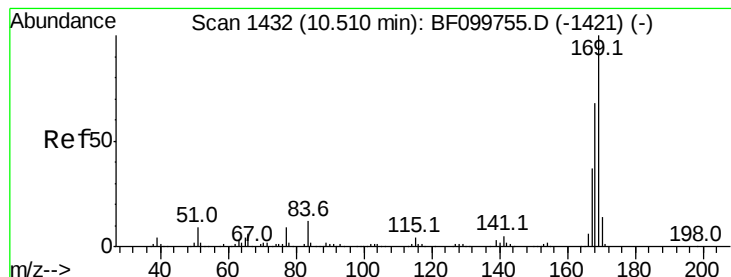
Tot Ion:188 Resp: 169147
 Ion Ratio Lower Upper
 188 100
 94 8.9 8.5 12.7
 80 10.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.099 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion:198 Resp: 2232
 Ion Ratio Lower Upper
 198 100
 51 61.4 37.7 77.7
 105 54.9 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 46.739 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

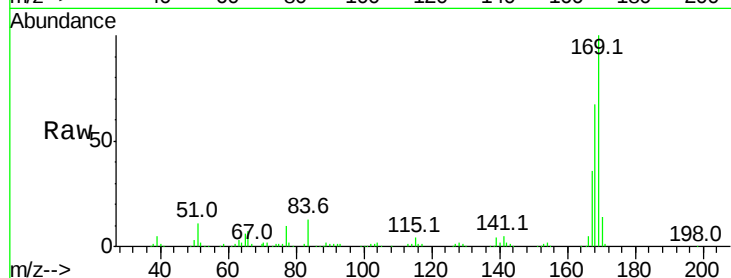
Tot Ion:169 Resp: 291834

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

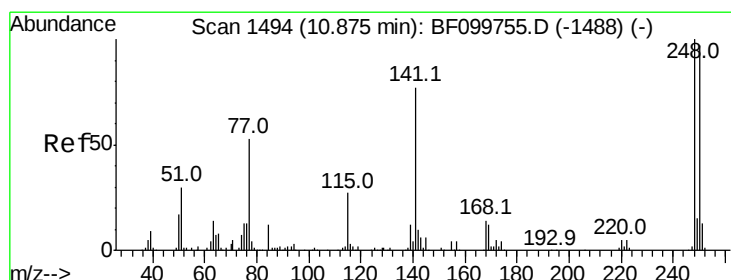
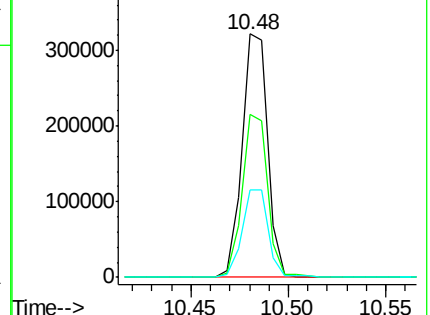
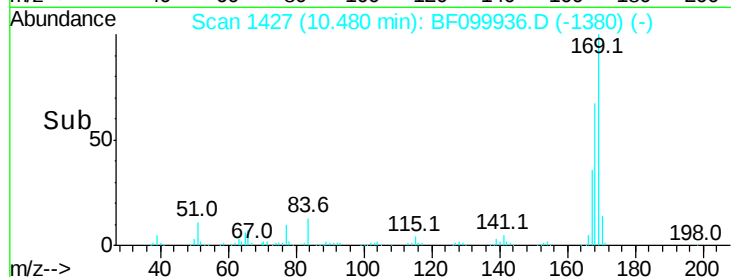
167 35.9 29.8 44.6



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



#66

4-Bromophenyl-phenylether

Concen: 45.205 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

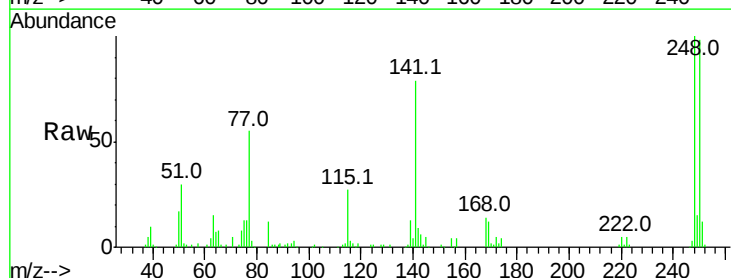
Tgt Ion:248 Resp: 80496

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

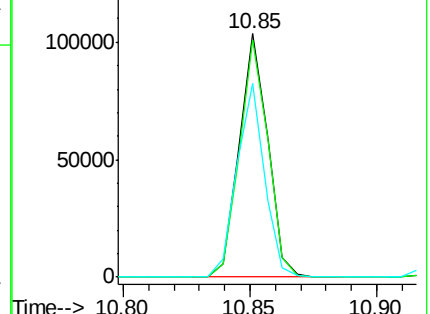
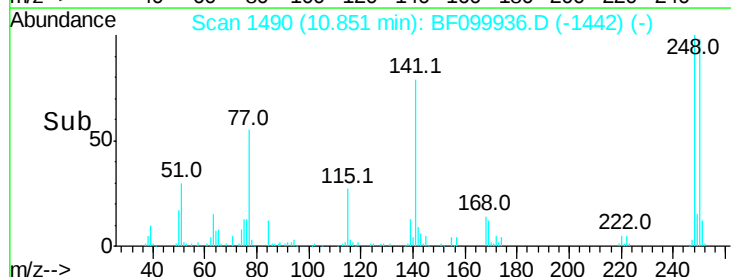
141 79.4 74.4 111.6

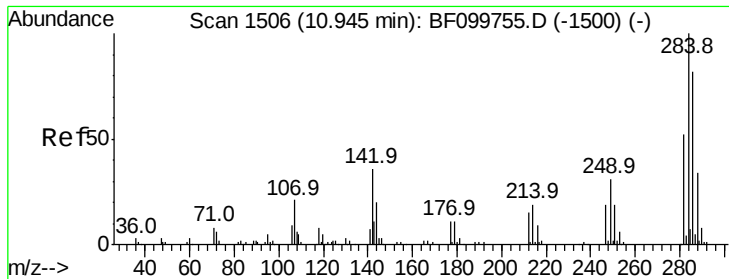


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

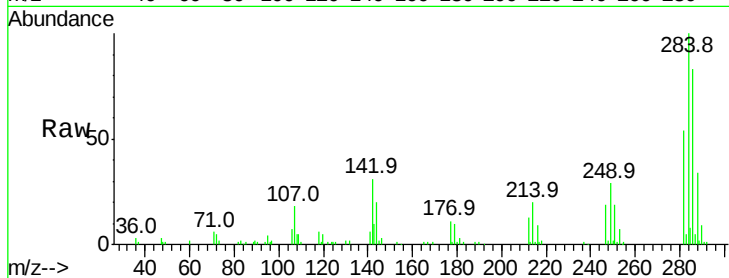




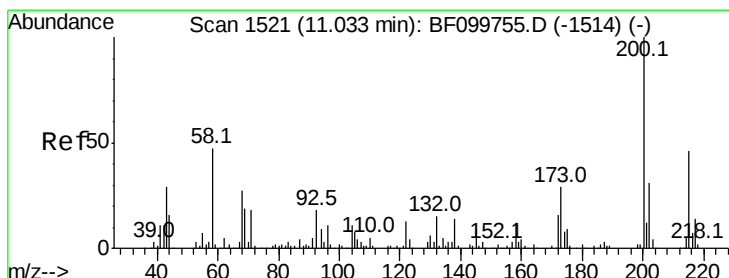
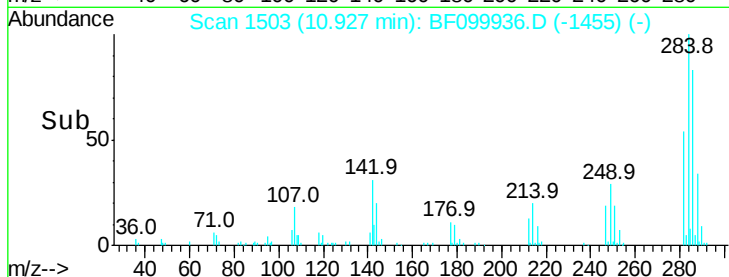
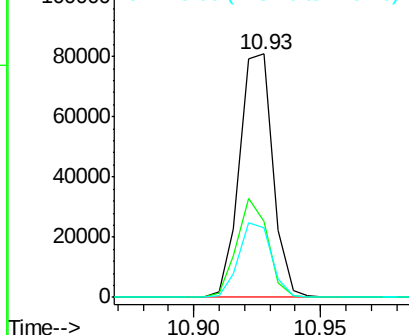
#67
Hexachlorobenzene
Concen: 40.635 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 74028
Ion Ratio Lower Upper
284 100
142 31.2 34.6 52.0#
249 28.8 24.8 37.2

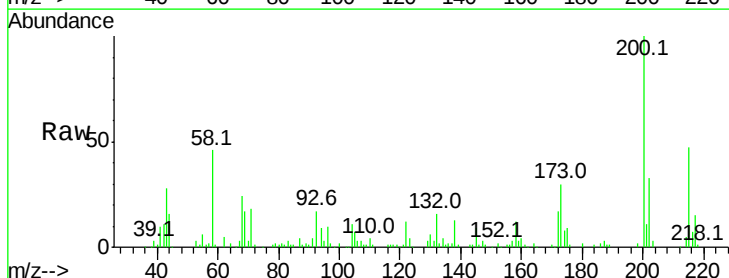


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

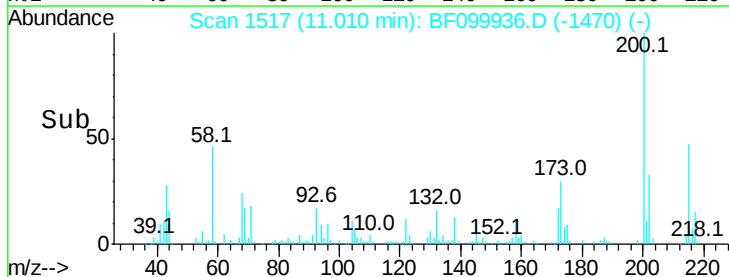
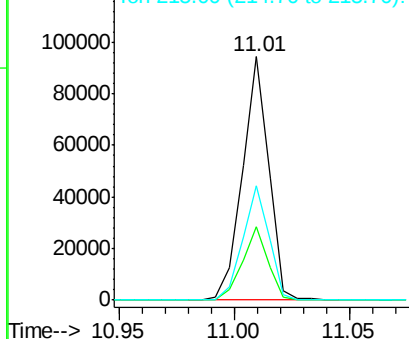


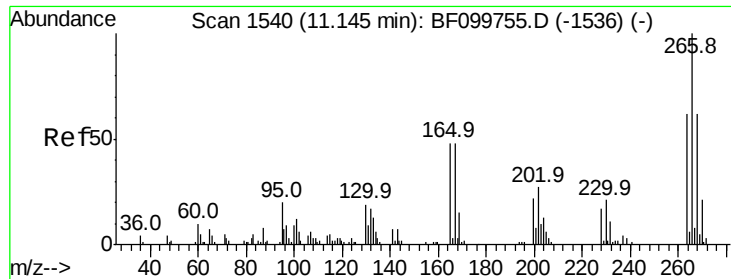
#68
Atrazine
Concen: 40.048 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion:200 Resp: 75114
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 47.2 25.1 65.1



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

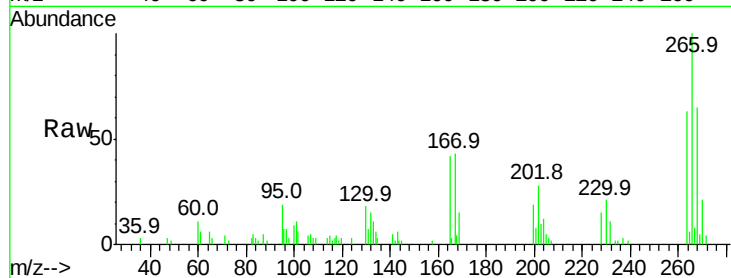




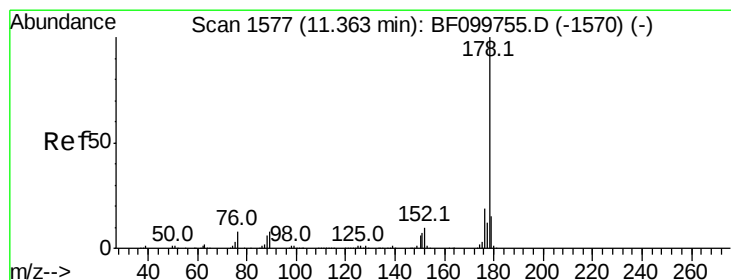
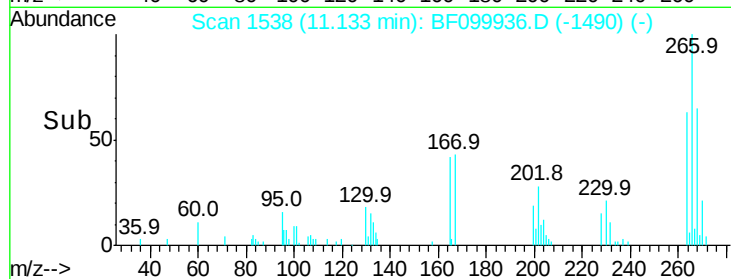
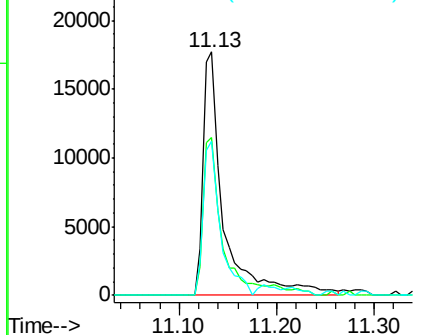
#69
 Pentachlorophenol
 Concen: 33.434 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 26026
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 63.0 49.5 74.3

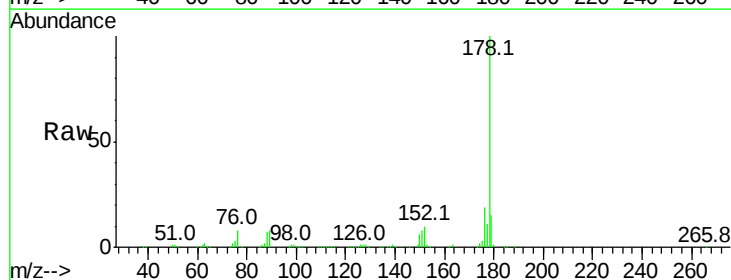


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

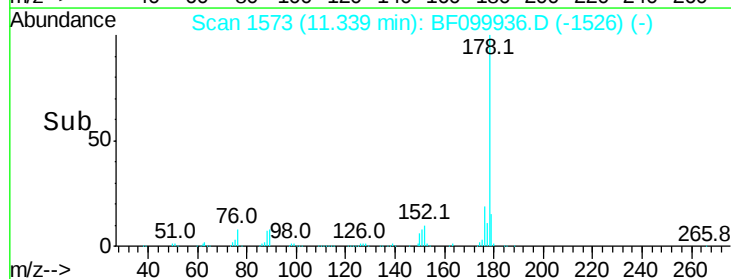
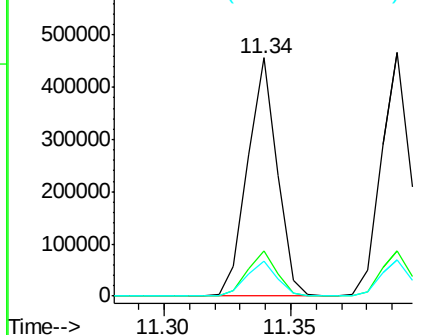


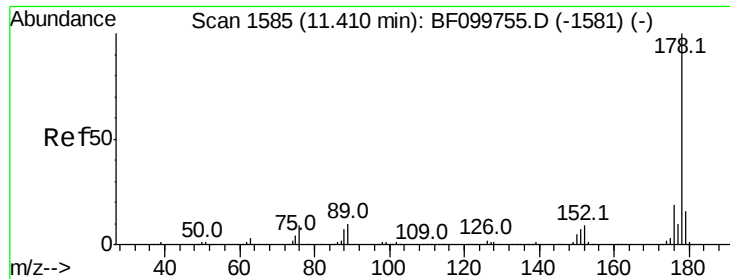
#70
 Phenanthrene
 Concen: 38.927 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion:178 Resp: 371589
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.0 13.0 19.6



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

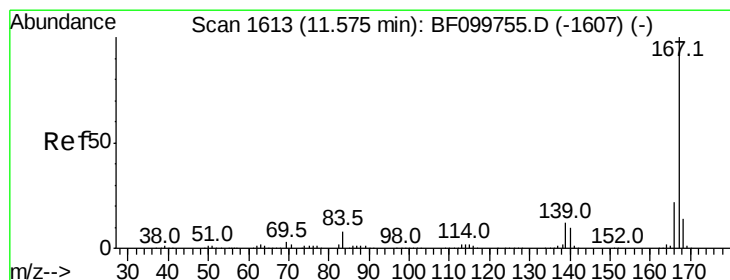
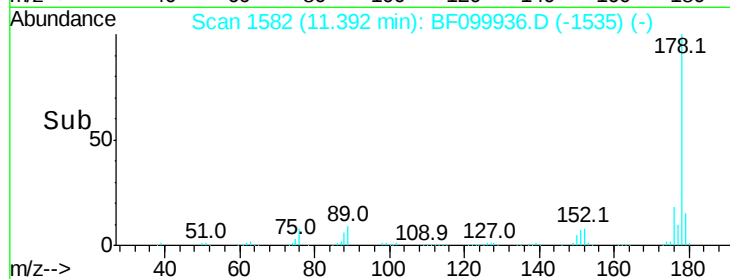
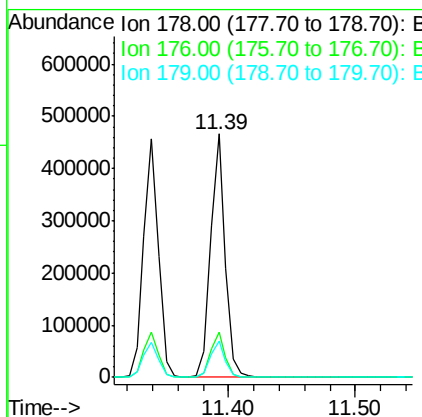
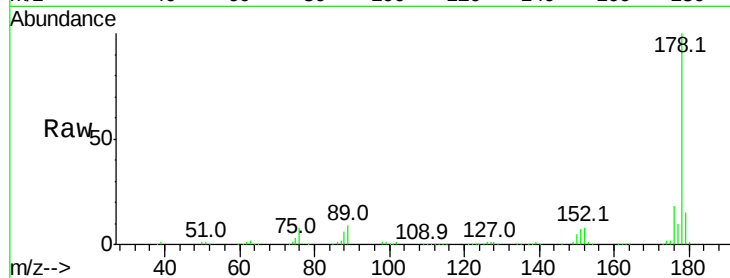




#71
 Anthracene
 Concen: 38.988 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

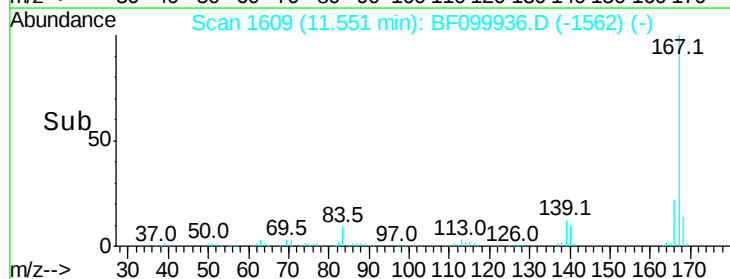
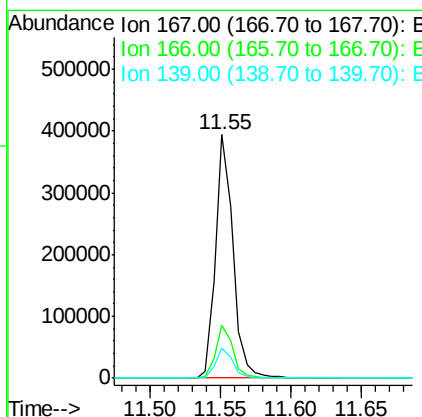
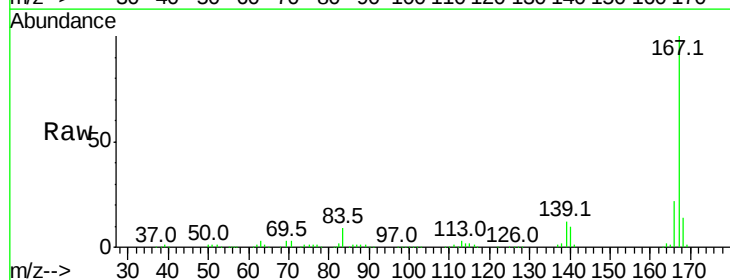
Instrument :
 BNA_F
 ClientSampleId :

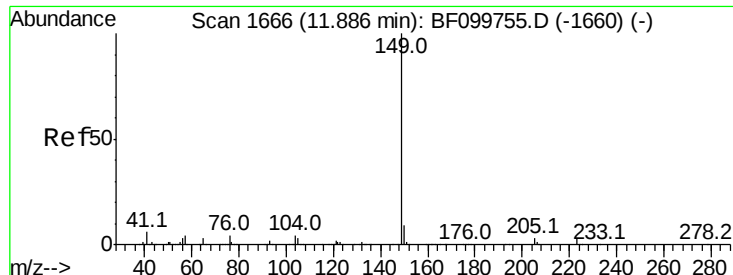
Tot Ion:178 Resp: 377775
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 37.234 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion:167 Resp: 339269
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.968 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

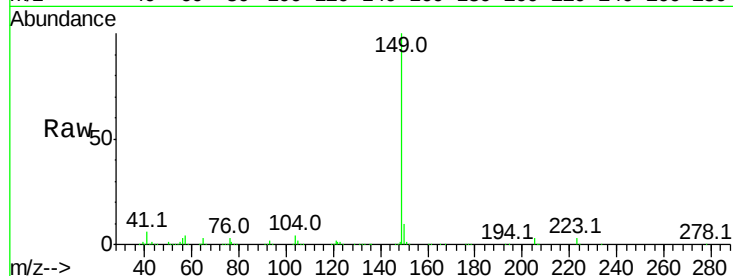
Tot Ion:149 Resp: 487748

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

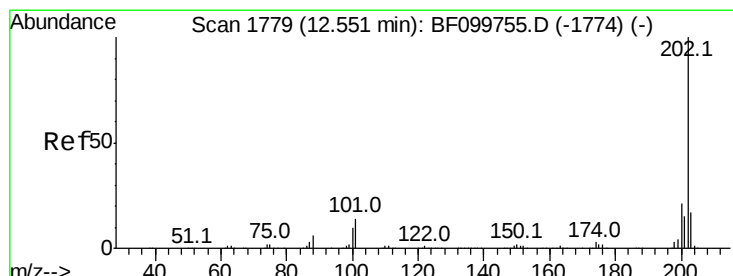
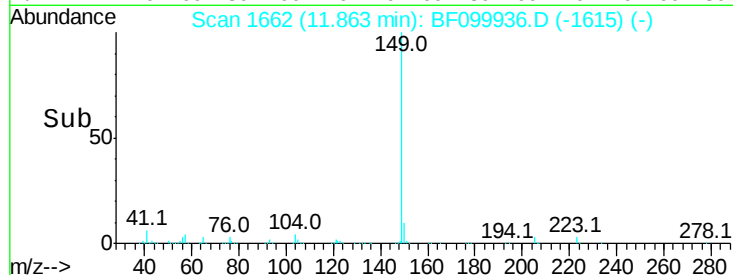
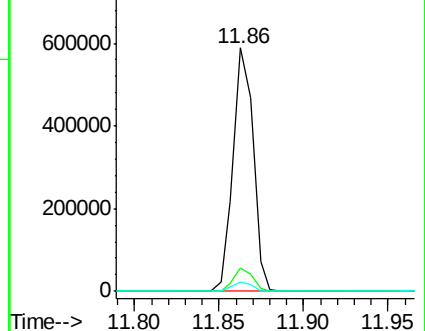
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.463 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

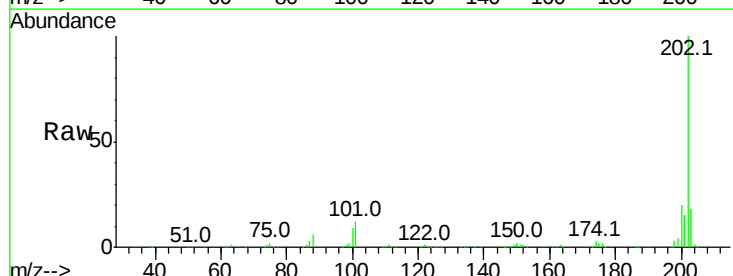
Tgt Ion:202 Resp: 371638

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

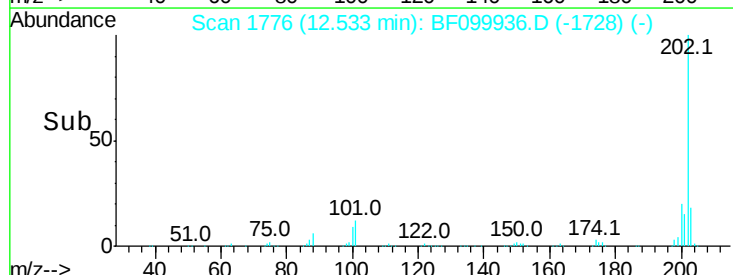
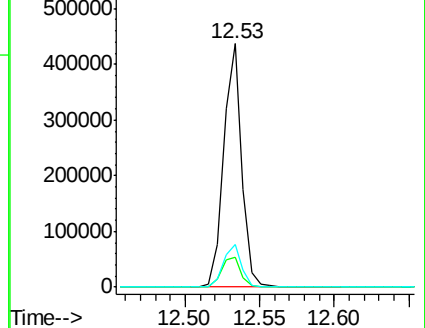
203 17.6 0.0 38.1

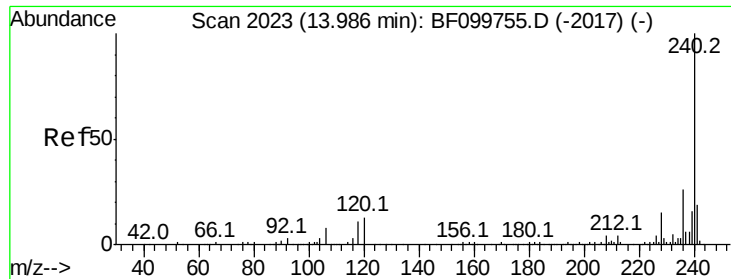


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

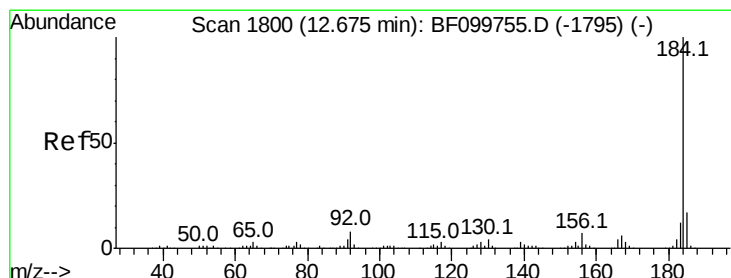
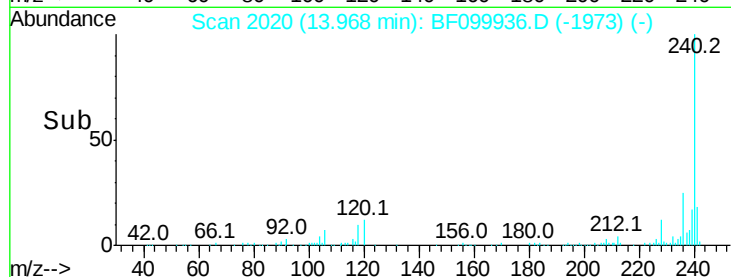
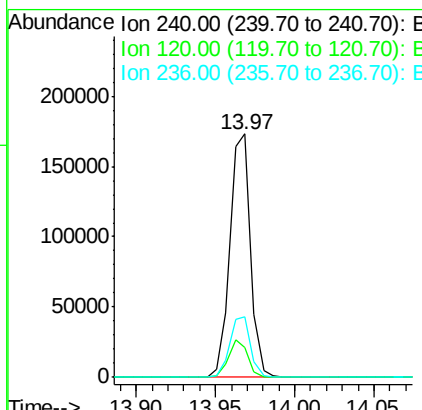
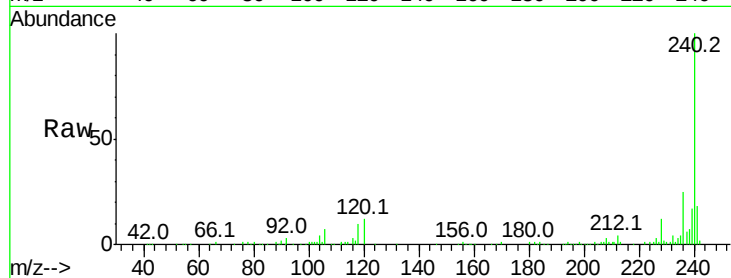




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

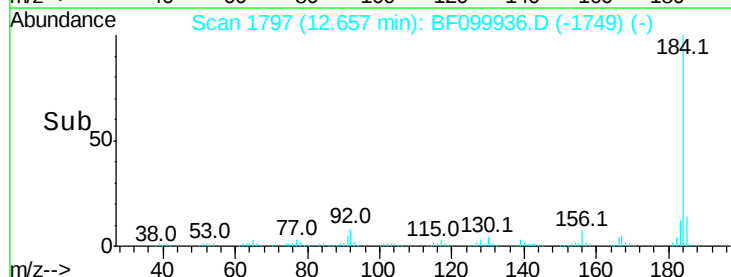
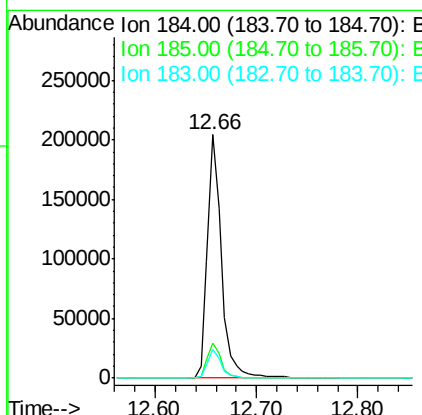
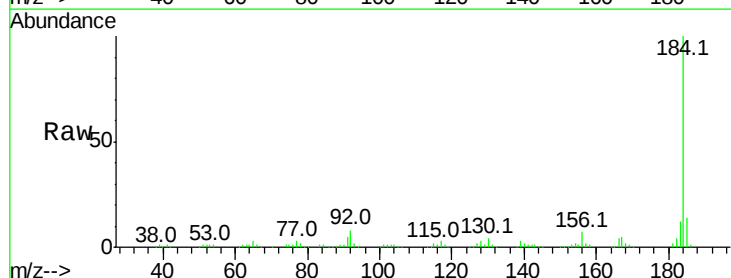
Instrument :
 BNA_F
 ClientSampleId :

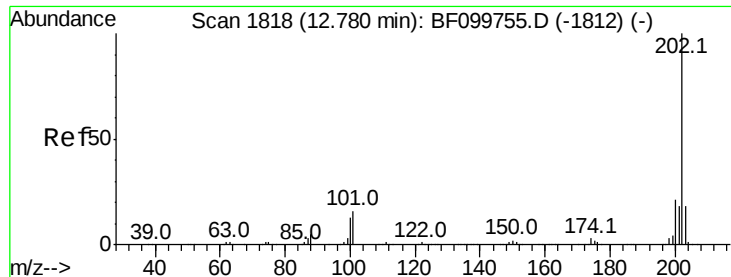
Tot Ion:240 Resp: 156194
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 24.7 20.7 31.1



#76
 Benzidine
 Concen: 28.714 ng
 RT: 12.66 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion:184 Resp: 196249
 Ion Ratio Lower Upper
 184 100
 185 14.5 12.6 18.8
 183 11.8 9.3 13.9

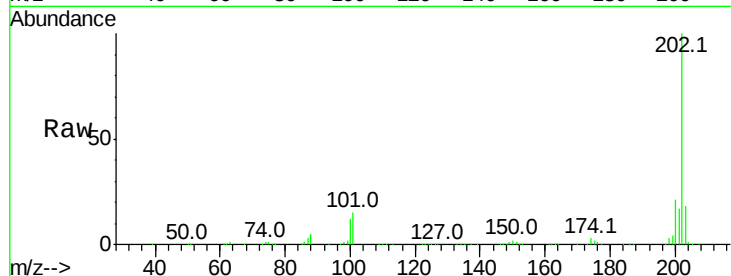




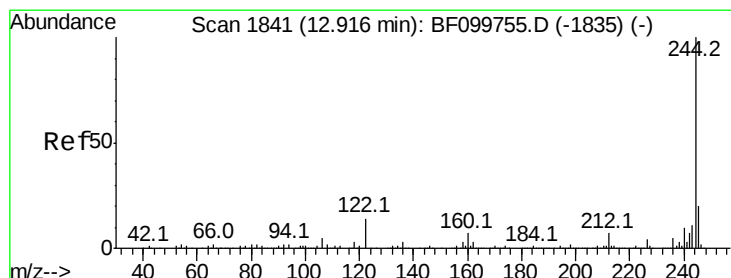
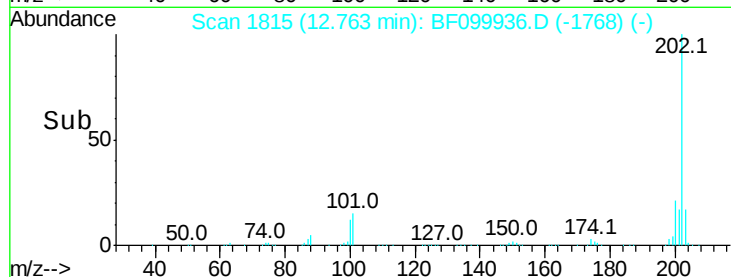
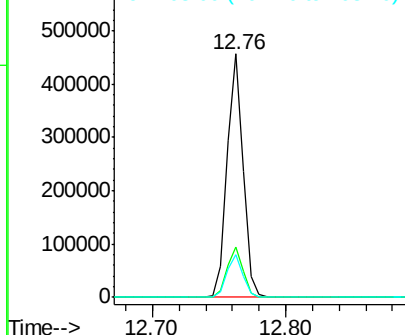
#77
Pvrene
Concen: 32.671 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 388024
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.5 14.3 21.5

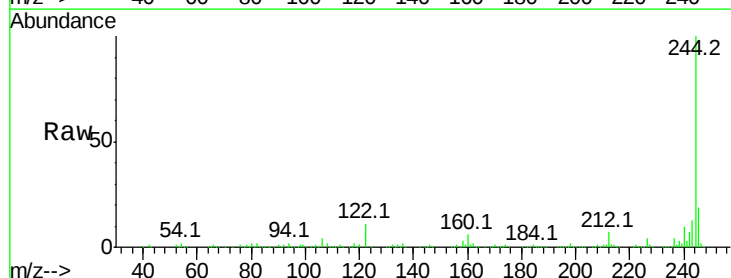


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

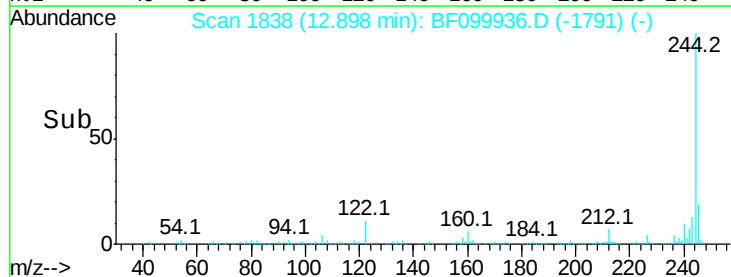
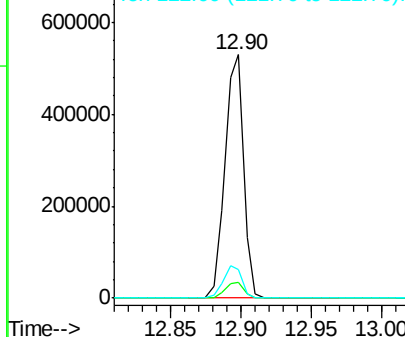


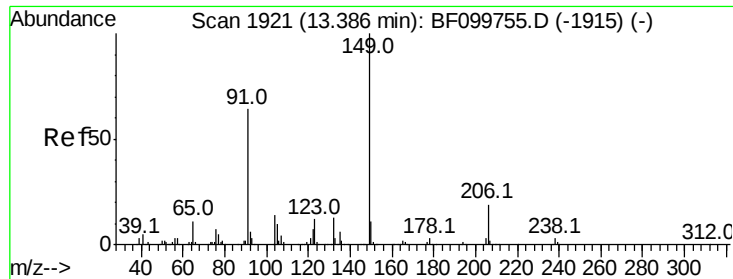
#78
Terphenyl-d14
Concen: 67.780 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion:244 Resp: 484441
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

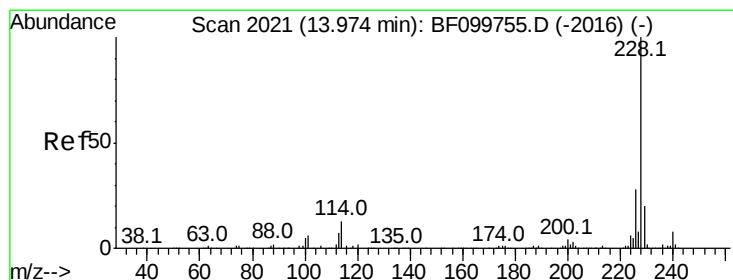
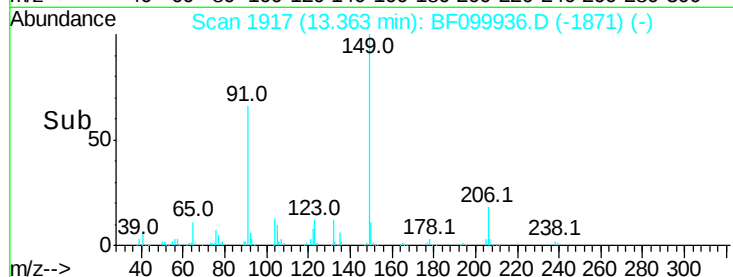
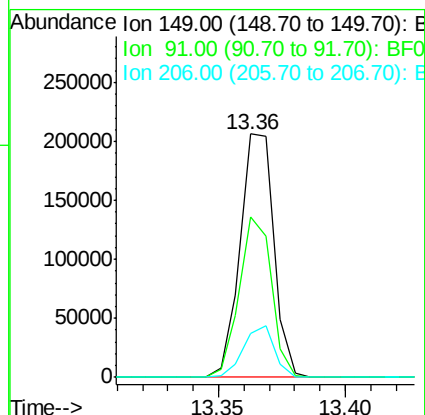
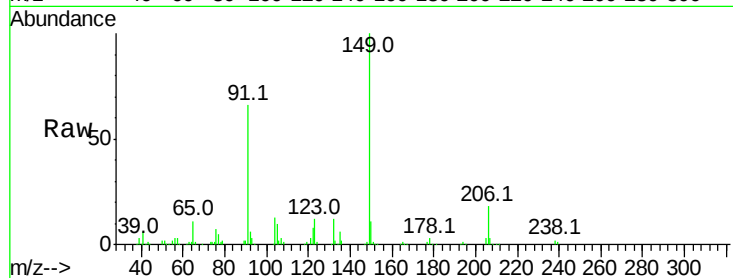




#79
Butylbenzylphthalate
Concen: 32.614 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.03 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

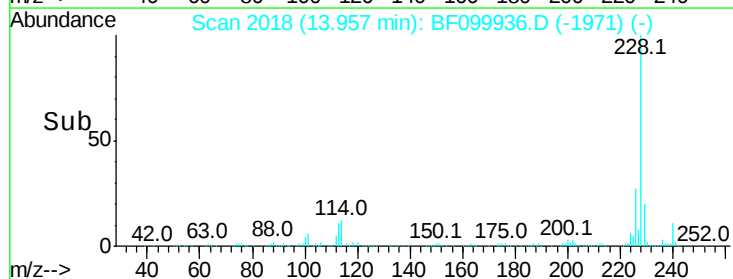
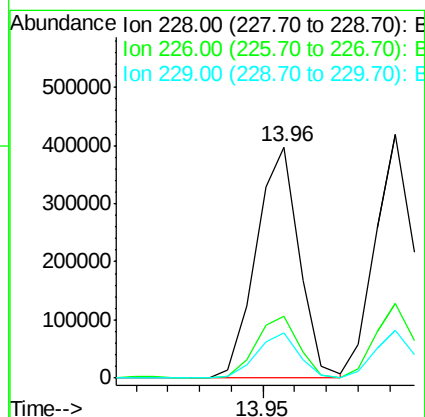
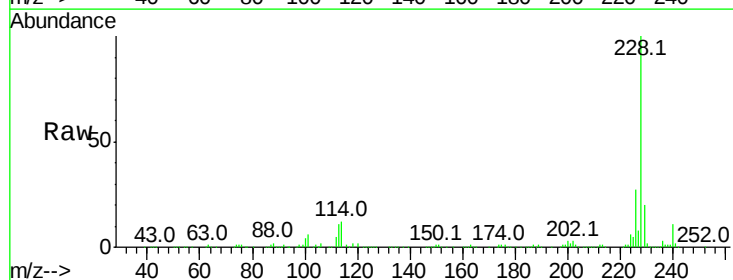
Instrument :
BNA_F
ClientSampleId :

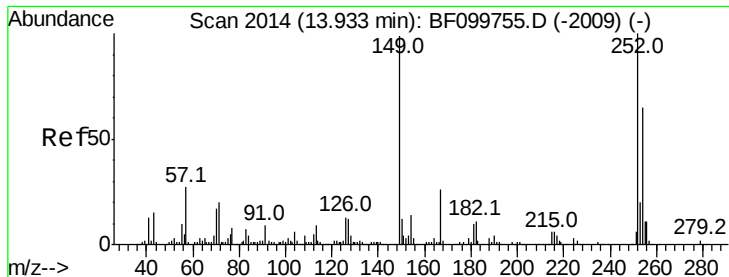
Tot Ion:149 Resp: 190747
Ion Ratio Lower Upper
149 100
91 66.0 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.776 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion:228 Resp: 374049
Ion Ratio Lower Upper
228 100
226 26.7 22.6 33.8
229 19.6 15.8 23.6

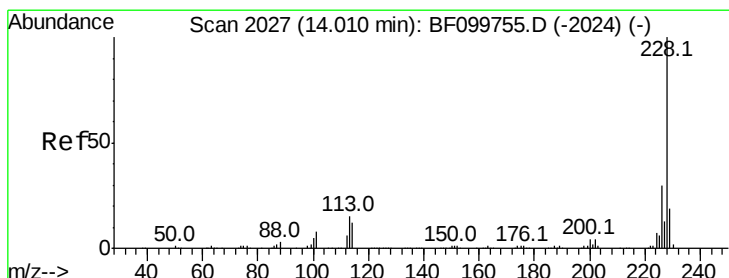
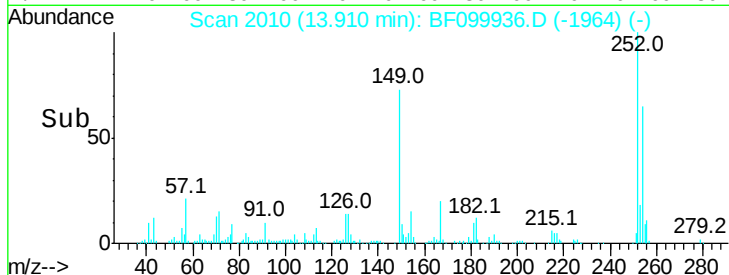
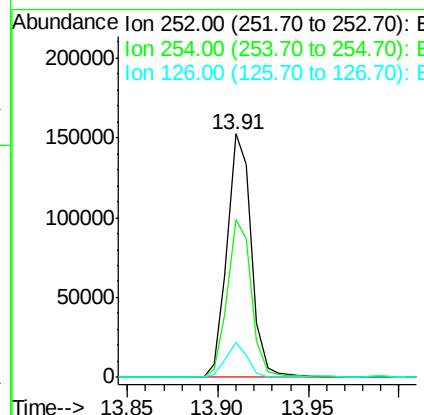
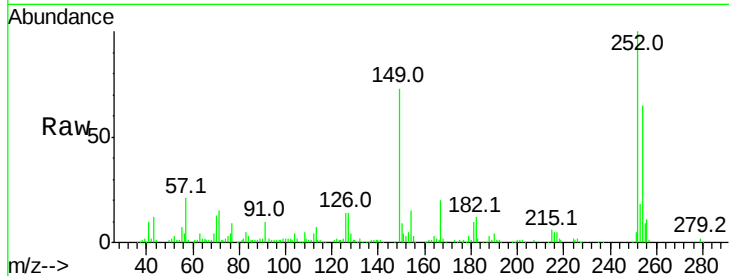




#81
 3,3'-Dichlorobenzidine
 Concen: 39.559 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.03 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

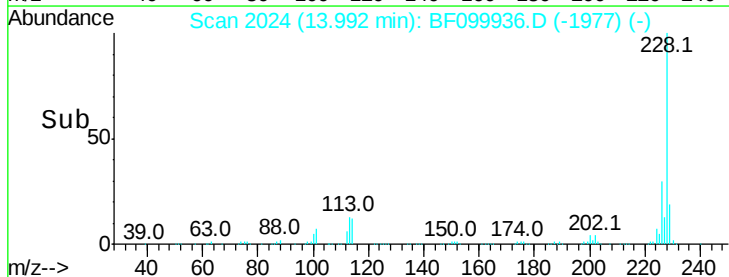
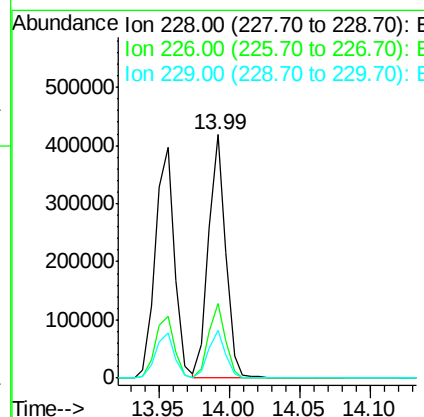
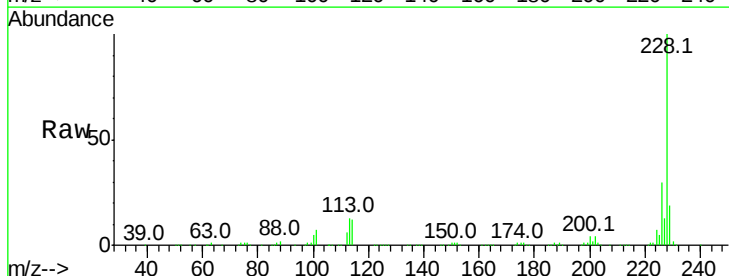
Instrument :
 BNA_F
 ClientSampleId :

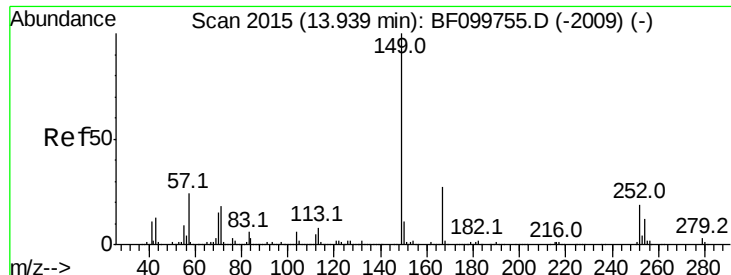
Tot Ion:252 Resp: 142186
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.4 75.6
 126 14.5 11.3 16.9



#82
 Chrysene
 Concen: 38.025 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF099936.D
 Acq: 29 Oct 2017 1:25

Tgt Ion:228 Resp: 353973
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.275 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

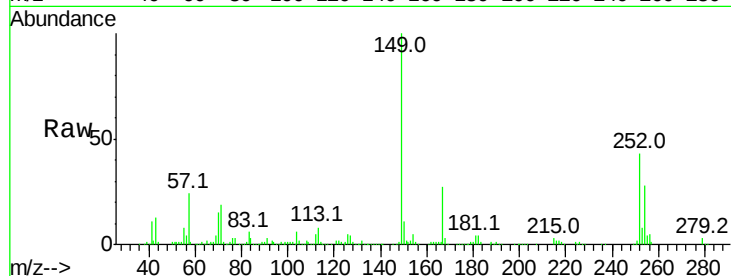
Tot Ion:149 Resp: 281510

Ion Ratio Lower Upper

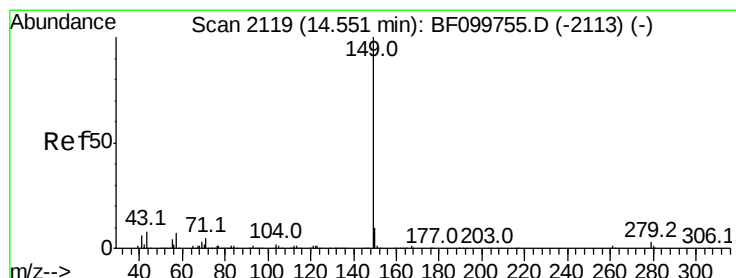
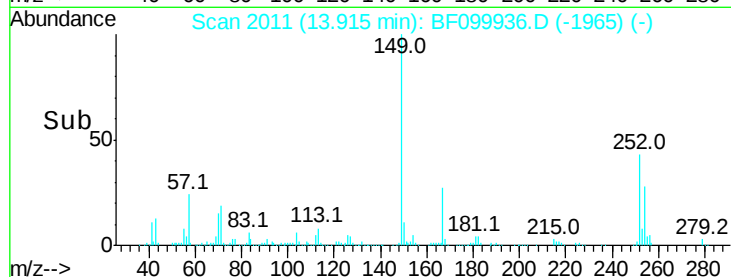
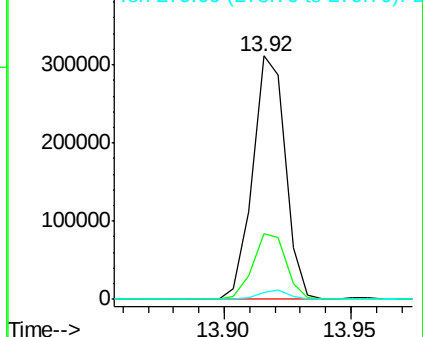
149 100

167 26.9 21.3 31.9

279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.026 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.03 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

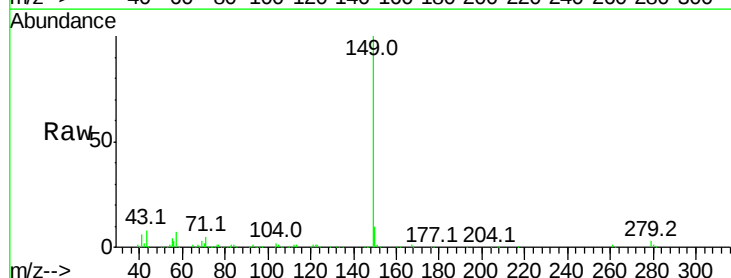
Tgt Ion:149 Resp: 536049

Ion Ratio Lower Upper

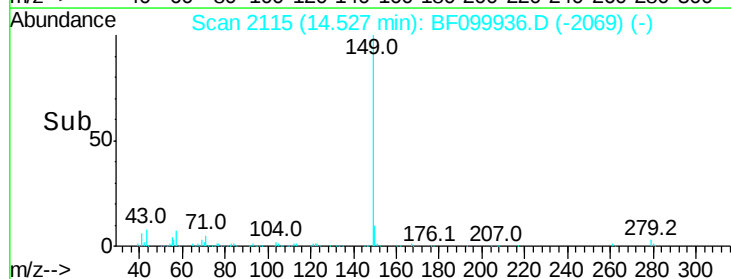
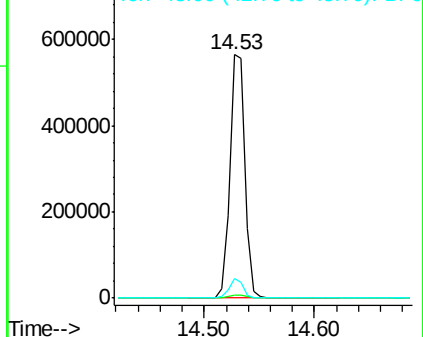
149 100

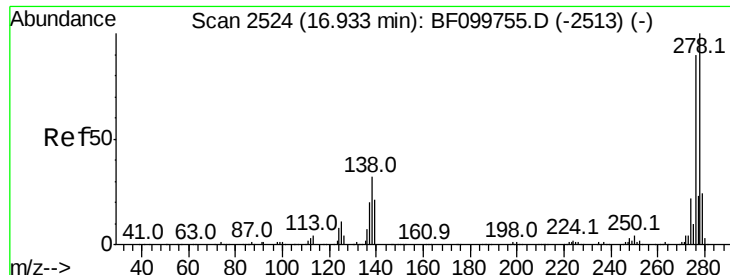
167 1.4 1.2 1.8

43 7.5 8.4 12.6#



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): BF0

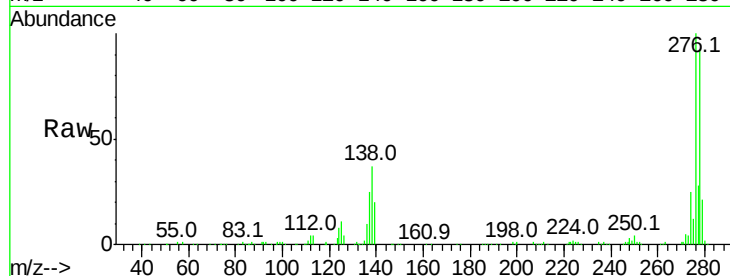




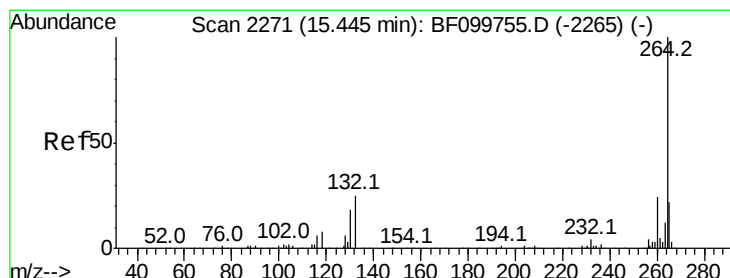
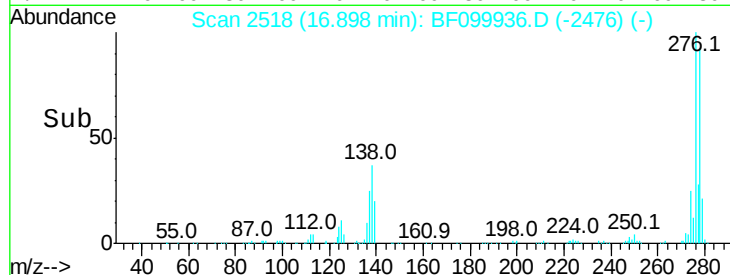
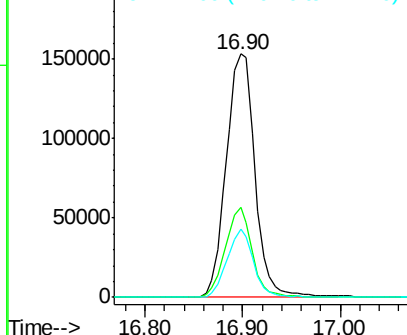
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.689 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.05 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	25.6	20.1	30.1

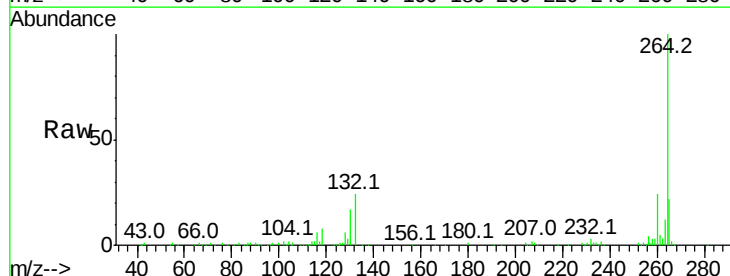


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

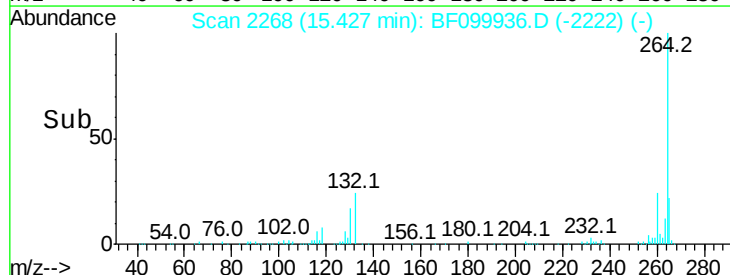
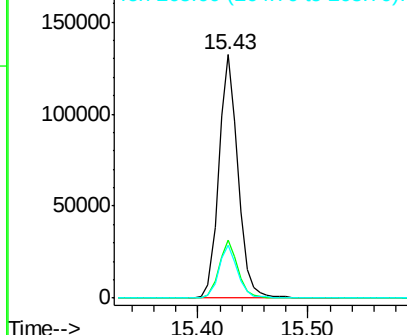


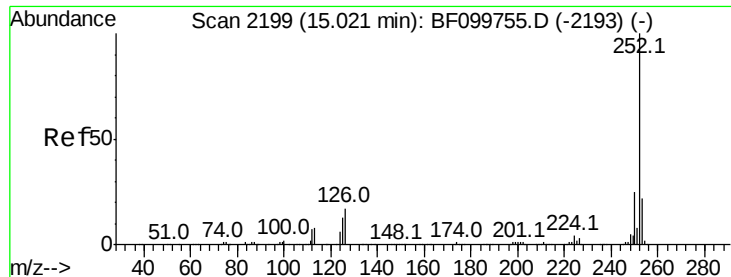
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.03 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

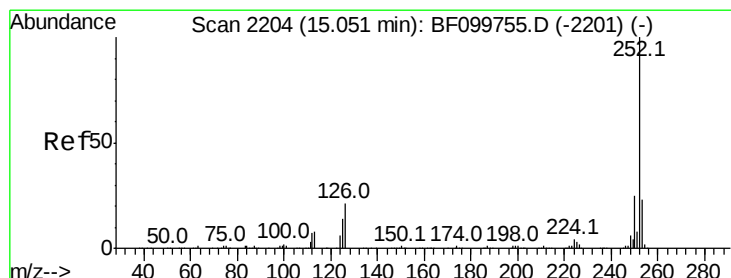
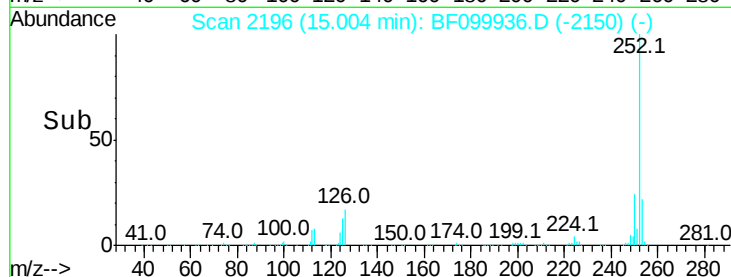
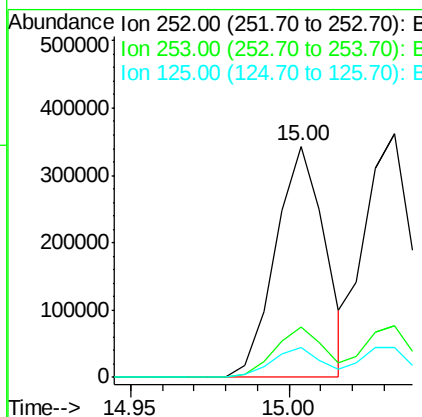
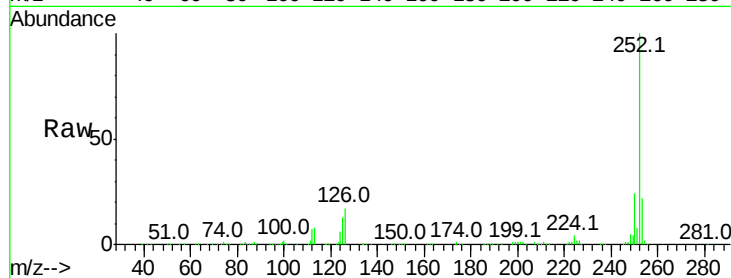




#87
Benzo(b)fluoranthene
Concen: 37.055 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

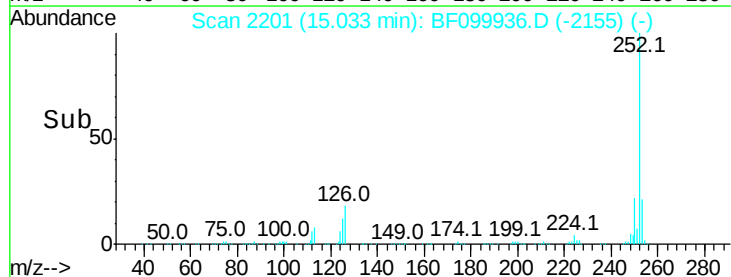
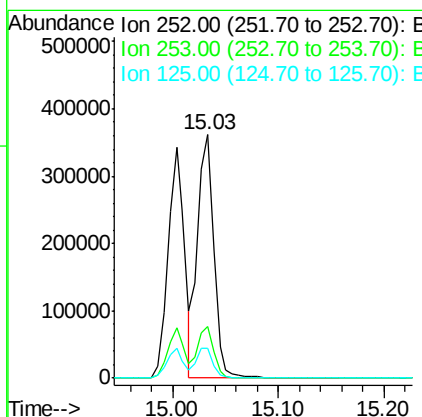
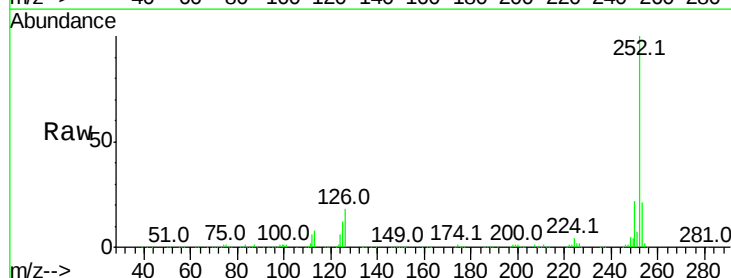
Instrument :
BNA_F
ClientSampled :

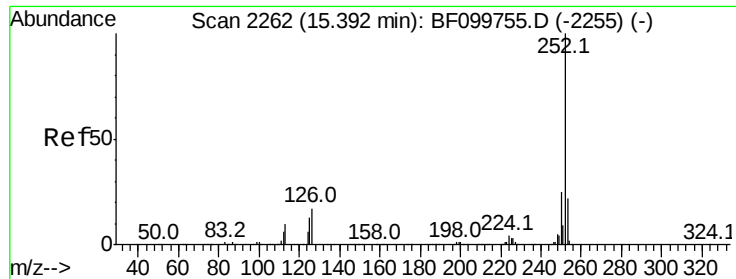
Tot Ion:252 Resp: 372532
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.509 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF099936.D
Acq: 29 Oct 2017 1:25

Tgt Ion:252 Resp: 384032
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 12.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.586 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :

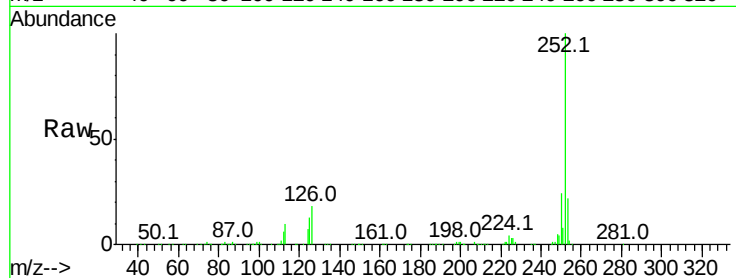
Tot Ion:252 Resp: 348470

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

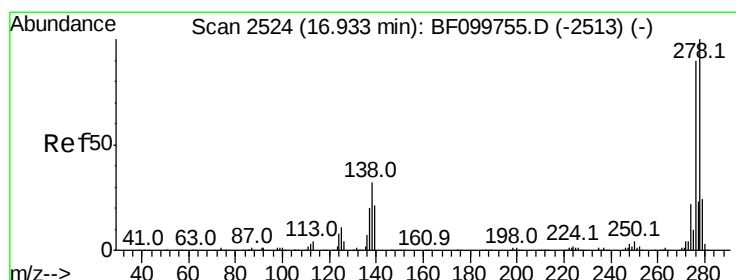
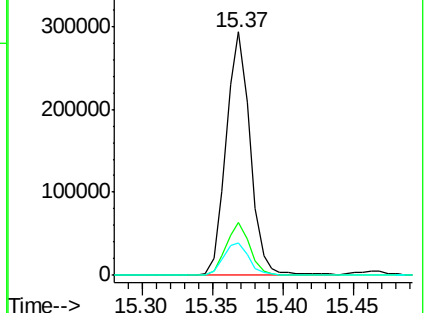
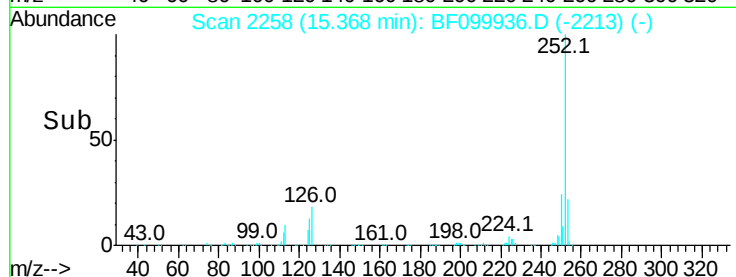
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.381 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.05 min

Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

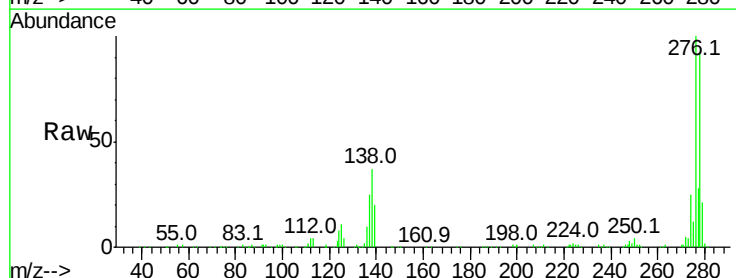
Tgt Ion:278 Resp: 275892

Ion Ratio Lower Upper

278 100

139 22.2 15.9 23.9

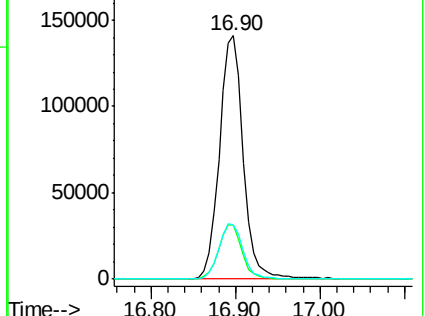
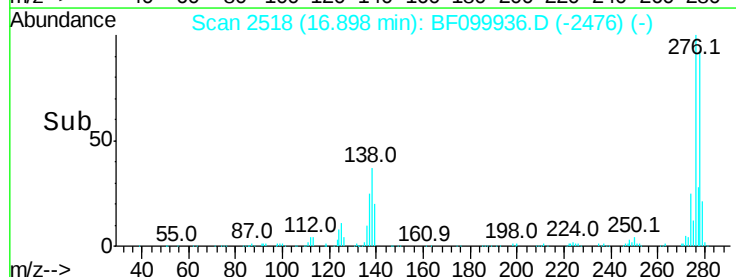
279 22.4 19.0 28.4

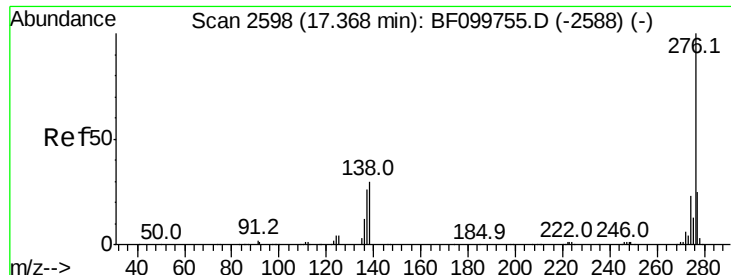


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.795 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.06 min

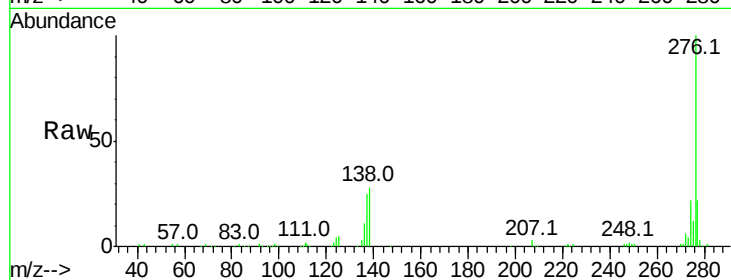
Lab File: BF099936.D

Acq: 29 Oct 2017 1:25

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 249616

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 28.1 21.8 32.8

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

