

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099952.D
 Acq On : 30 Oct 2017 12:08
 Operator : SJ/JU
 Sample : PB103742BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 16:10:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89661	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	375907	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	181975	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	328139	20.00	ng	0.00
75) Chrysene-d12	13.99	240	234496	20.00	ng	0.01
86) Perylene-d12	15.50	264	172280	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	487763	85.41	ng	0.02
7) Phenol-d6	6.44	99	562740	83.10	ng	0.00
23) Nitrobenzene-d5	7.36	82	322239	55.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	143724	86.67	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	716001	60.70	ng	0.00
78) Terphenyl-d14	12.91	244	653627	60.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	61411	24.350	ng	# 91
3) Pyridine	3.38	79	140444	23.157	ng	91
4) n-Nitrosodimethylamine	3.32	42	55422	25.580	ng	# 72
6) Aniline	6.46	93	112533	12.817	ng	# 61
8) 2-Chlorophenol	6.58	128	174012	28.589	ng	89
9) Benzaldehyde	6.35	77	79683	19.692	ng	93
10) Phenol	6.45	94	206453	27.768	ng	97
11) bis(2-Chloroethyl)ether	6.52	93	161614	28.149	ng	94
12) 1,3-Dichlorobenzene	6.80	146	191582	28.032	ng	96
13) 1,4-Dichlorobenzene	6.80	146	191582	27.620	ng	98
14) 1,2-Dichlorobenzene	6.96	146	176273	27.884	ng	96
15) Benzyl Alcohol	6.94	79	123054	28.574	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	198539	31.130	ng	# 16
17) 2-Methylphenol	7.06	107	139104	27.322	ng	# 92
18) Hexachloroethane	7.29	117	62913	27.187	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	111056	27.985	ng	90
20) 3+4-Methylphenols	7.21	107	187036	31.550	ng	# 87
22) Acetophenone	7.20	105	231855	27.089	ng	# 93
24) Nitrobenzene	7.37	77	160998	27.366	ng	95
25) Isophorone	7.61	82	303558	28.651	ng	98
26) 2-Nitrophenol	7.69	139	97251	28.861	ng	# 86
27) 2,4-Dimethylphenol	7.73	122	156411	31.504	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	203746	27.459	ng	97
29) 2,4-Dichlorophenol	7.95	162	154450	29.946	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	152257	27.629	ng	99
31) Naphthalene	8.09	128	499824	27.546	ng	100
32) Benzoic acid	7.88	122	91530	20.945	ng	96
33) 4-Chloroaniline	8.16	127	84146	11.230	ng	# 92
34) Hexachlorobutadiene	8.20	225	76037	26.826	ng	99
35) Caprolactam	8.53	113	46978	28.964	ng	# 71
36) 4-Chloro-3-methylphenol	8.65	107	152565	28.982	ng	91
37) 2-Methylnaphthalene	8.78	142	355365	29.224	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	146836	24.983	ng	97
40) Hexachlorocyclopentadiene	8.93	237	41209	43.661	ng	95

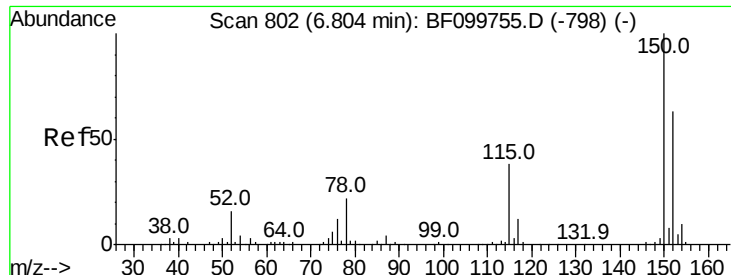
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099952.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	101584	28.574	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	104512	27.703	nq	92
45) 1,1'-Biphenyl	9.25	154	420399	25.537	nq	98
46) 2-Chloronaphthalene	9.27	162	329778	27.584	nq	95
47) 2-Nitroaniline	9.39	65	83595	26.641	nq	# 82
48) Acenaphthylene	9.69	152	493345	26.792	nq	99
49) Dimethylphthalate	9.55	163	380394	26.396	nq	99
50) 2,6-Dinitrotoluene	9.62	165	83256	27.482	nq	96
51) Acenaphthene	9.86	154	299710	26.638	nq	99
52) 3-Nitroaniline	9.80	138	55597	15.575	nq	# 88
53) 2,4-Dinitrophenol	9.93	184	39923	36.735	nq	# 83
54) Dibenzofuran	10.03	168	447808	28.196	nq	99
55) 4-Nitrophenol	9.99	139	78871	42.287	nq	82
56) 2,4-Dinitrotoluene	10.04	165	108744	29.806	nq	88
57) Fluorene	10.38	166	364257	27.700	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	79677	30.122	nq	92
59) Diethylphthalate	10.25	149	382520	27.181	nq	96
60) 4-Chlorophenyl-phenylether	10.37	204	170381	27.531	nq	# 88
61) 4-Nitroaniline	10.42	138	74472	21.867	nq	83
62) Azobenzene	10.53	77	321960	27.292	nq	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	37258	18.063	nq	# 72
65) n-Nitrosodiphenylamine	10.49	169	326588	26.962	nq	97
66) 4-Bromophenyl-phenylether	10.86	248	98093	28.396	nq	89
67) Hexachlorobenzene	10.93	284	99372	28.118	nq	97
68) Atrazine	11.02	200	100277	27.559	nq	99
69) Pentachlorophenol	11.14	266	70797	46.881	nq	99
70) Phenanthrene	11.35	178	511902	27.643	nq	99
71) Anthracene	11.40	178	542002	28.834	nq	98
72) Carbazole	11.56	167	470112	26.595	nq	99
73) Di-n-butylphthalate	11.87	149	621810	27.579	nq	98
74) Fluoranthene	12.55	202	522877	27.170	nq	96
76) Benzidine	12.67	184	23666	2.306	nq	99
77) Pyrene	12.77	202	532998	29.892	nq	98
79) Butylbenzylphthalate	13.38	149	249484	28.413	nq	90
80) Benzo(a)anthracene	13.98	228	397102	26.713	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	98153	18.190	nq	99
82) Chrysene	14.02	228	382422	27.364	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	356562	28.917	nq	99
84) Di-n-octyl phthalate	14.59	149	574059	27.125	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.00	276	276130	21.523	nq	97
87) Benzo(b)fluoranthene	15.07	252	301056	27.674	nq	98
88) Benzo(k)fluoranthene	15.10	252	304859	29.719	nq	100
89) Benzo(a)pyrene	15.44	252	277504	28.398	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	233315	26.870	nq	97
91) Benzo(g,h,i)perylene	17.45	276	238869	28.118	nq	97

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

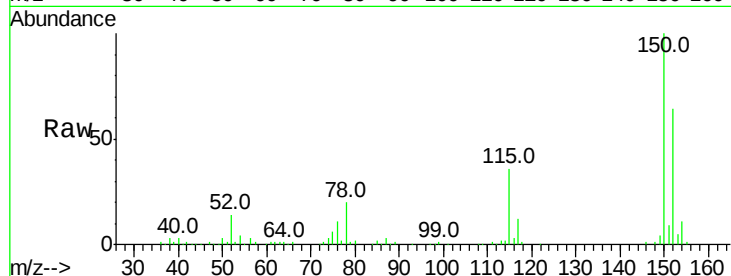


#1

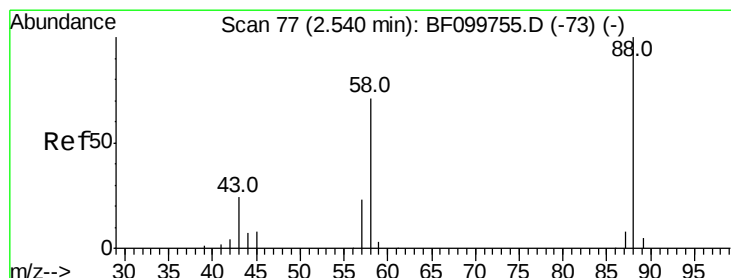
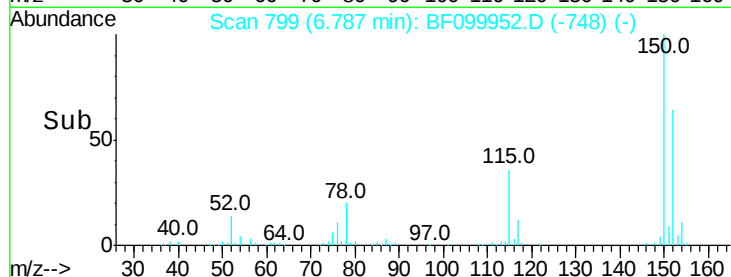
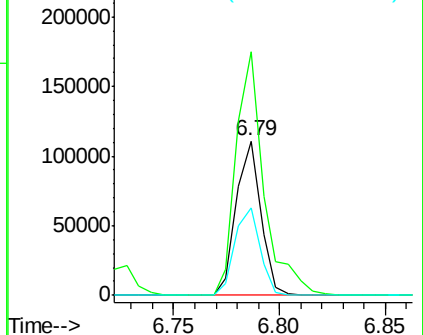
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89661
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 56.8 50.1 75.1



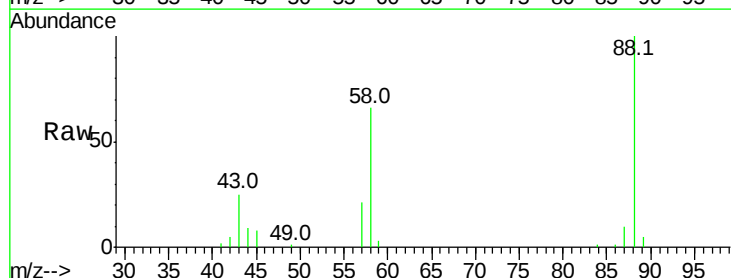
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



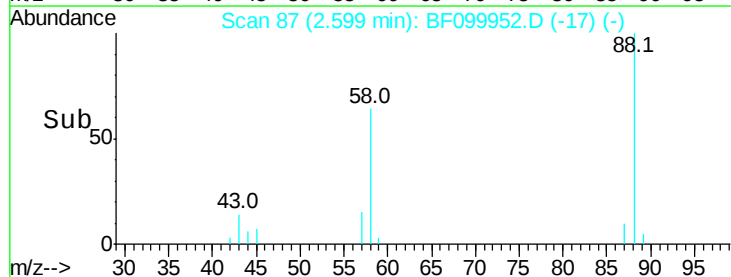
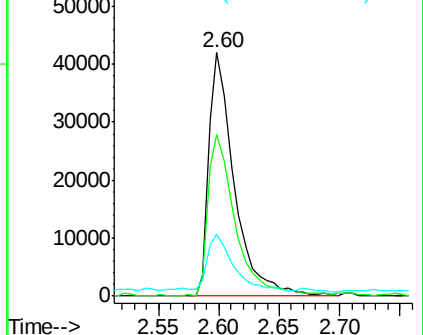
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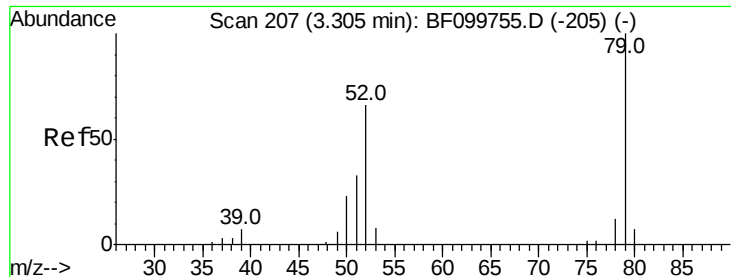
1,4-Dioxane
Concen: 24.350 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.11 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion: 88 Resp: 61411
Ion Ratio Lower Upper
88 100
58 71.7 62.6 93.8
43 22.9 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

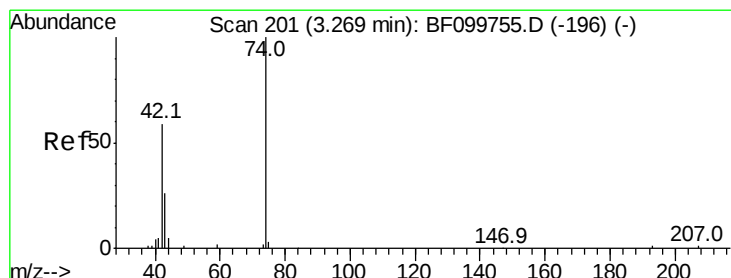
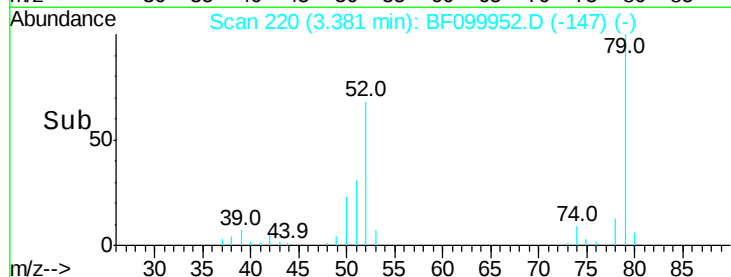
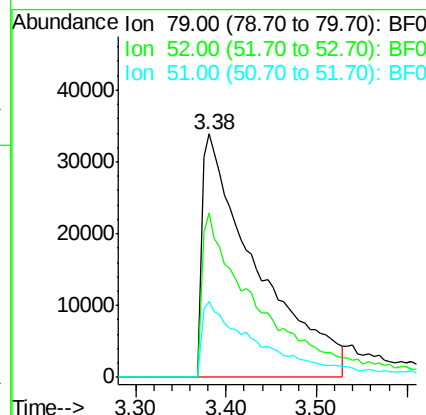
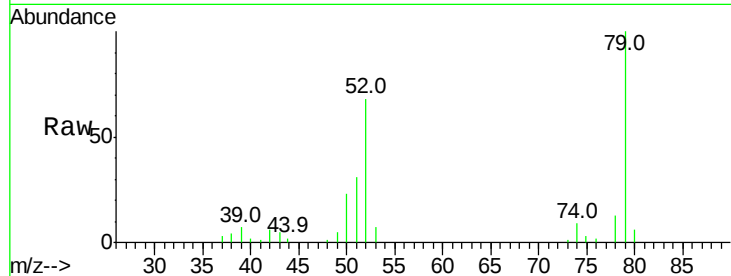




#3
 Pvridine
 Concen: 23.157 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.13 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

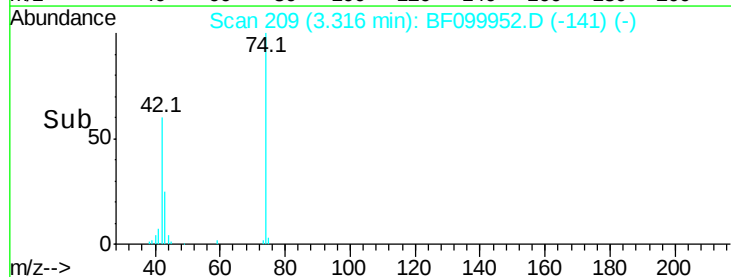
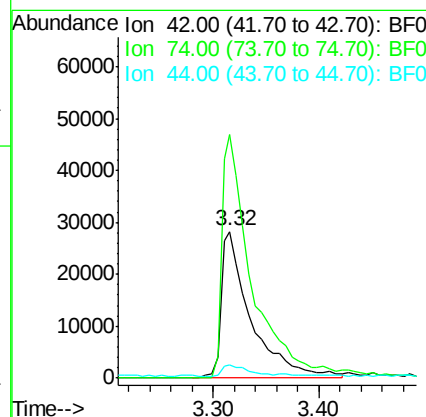
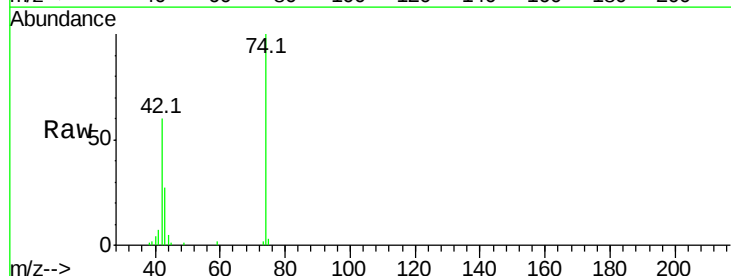
Instrument :
 BNA_F
 ClientSampleId :

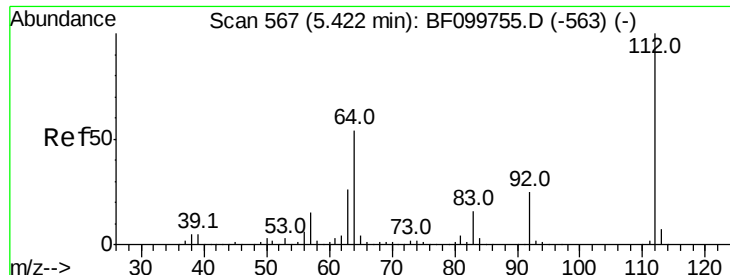
Tot Ion: 79 Resp: 140444
 Ion Ratio Lower Upper
 79 100
 52 67.7 59.8 89.6
 51 31.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 25.580 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.10 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion: 42 Resp: 55422
 Ion Ratio Lower Upper
 42 100
 74 166.1 104.9 157.3#
 44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 85.407 ng

RT: 5.42 min Scan# 567

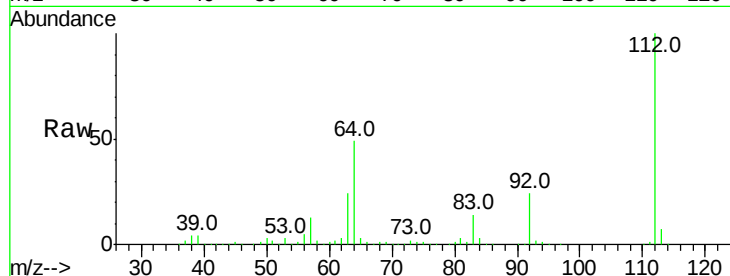
Delta R.T. 0.02 min

Lab File: BF099952.D

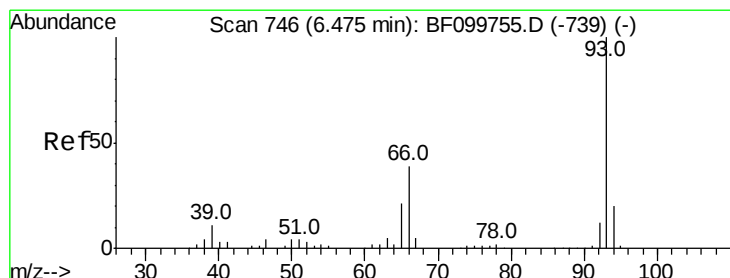
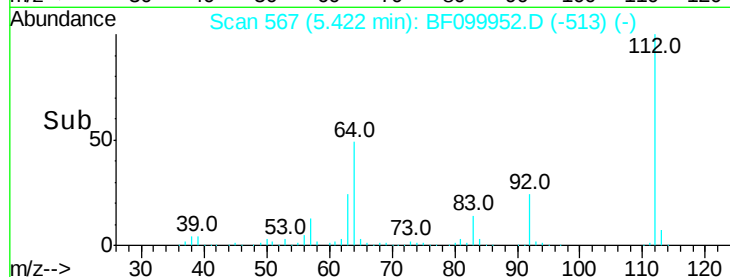
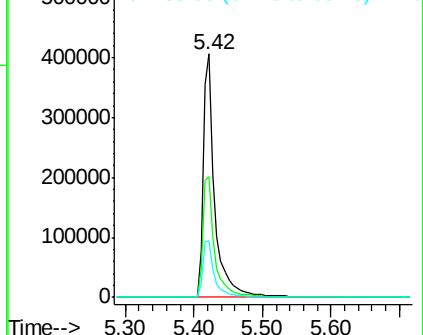
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	487763
Ion	Ratio	Lower	Upper
112	100		
64	49.4	47.9	71.9
63	23.6	23.7	35.5#



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 12.817 ng

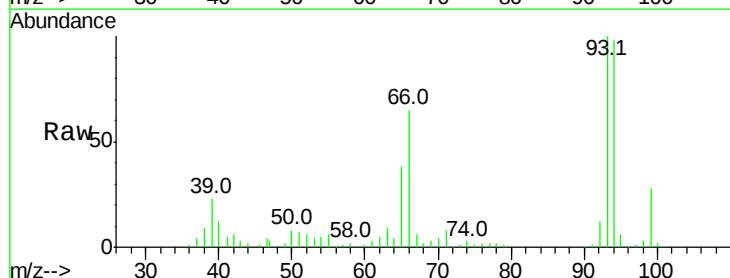
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

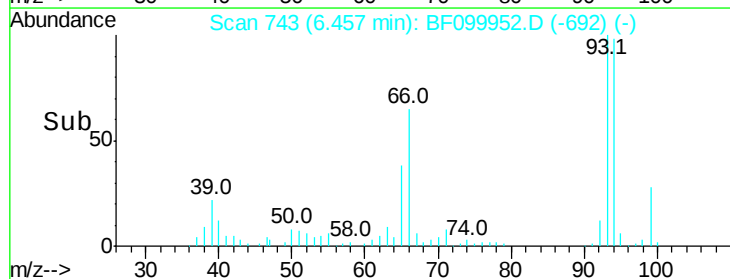
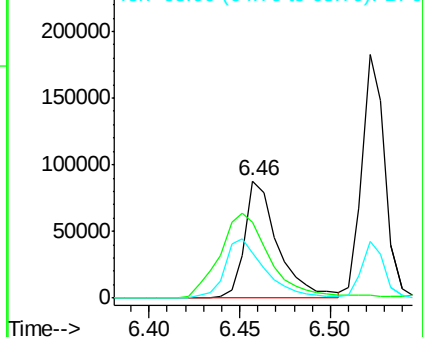
Lab File: BF099952.D

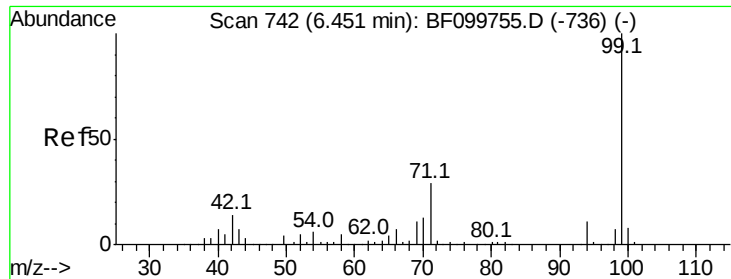
Acq: 30 Oct 2017 12:08

Tgt Ion:	93	Resp:	112533
Ion	Ratio	Lower	Upper
93	100		
66	64.6	32.2	48.2#
65	38.3	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 83.102 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

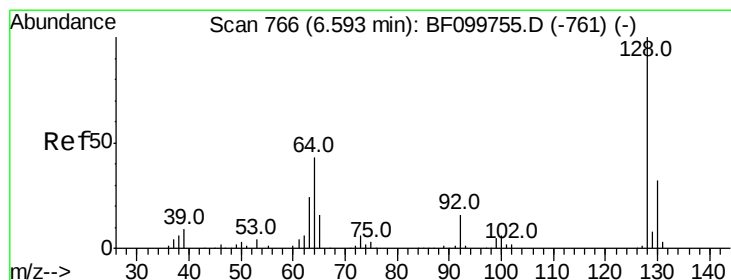
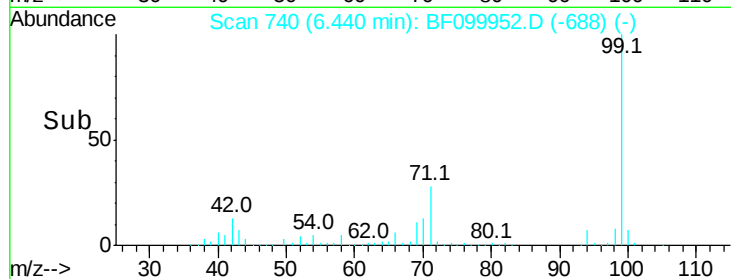
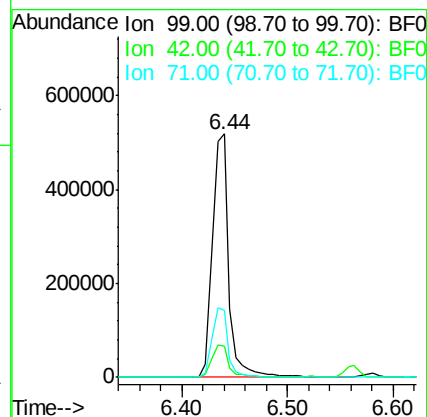
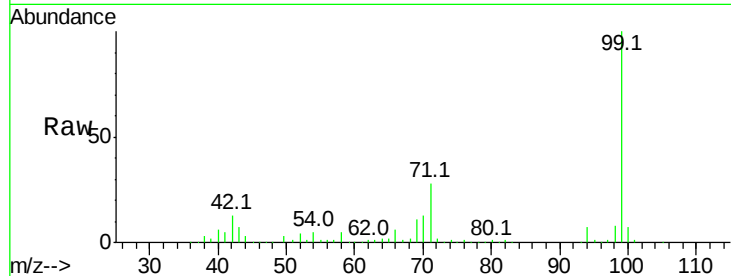
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 562740

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.5	21.7#
71	27.7	25.4	38.0



#8

2-Chlorophenol

Concen: 28.589 ng

RT: 6.58 min Scan# 764

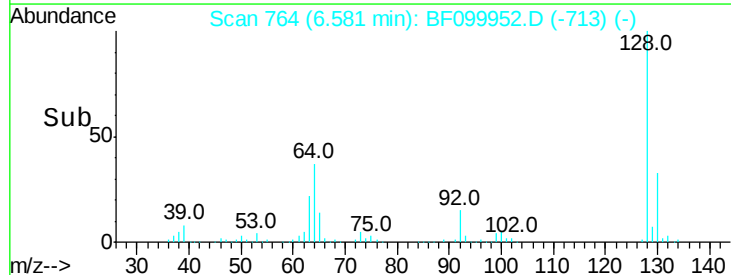
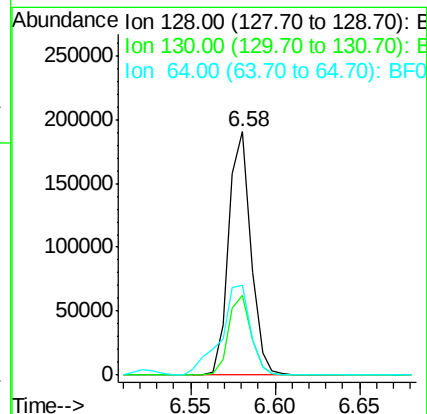
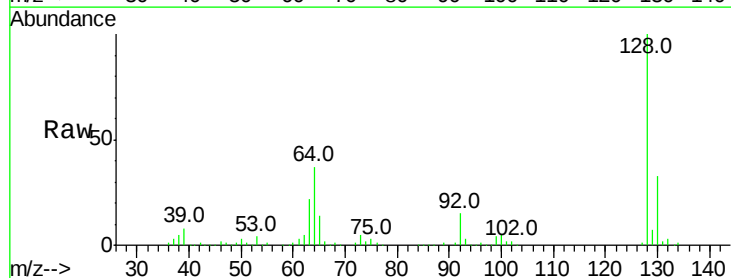
Delta R.T. 0.00 min

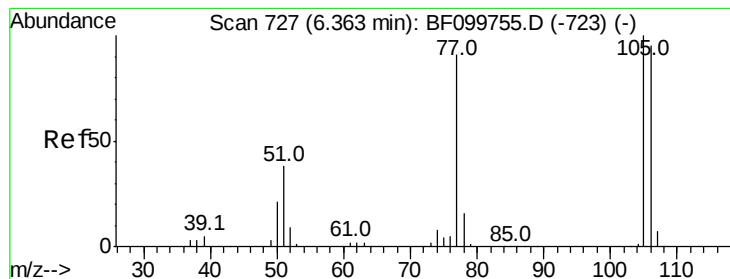
Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Tgt Ion: 128 Resp: 174012

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	37.2	29.4	69.4





#9

Benzaldehyde

Concen: 19.692 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampled :

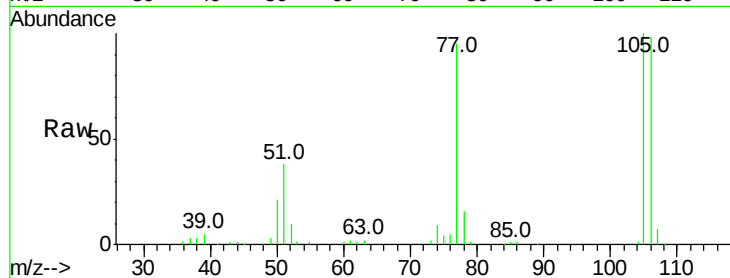
Tot Ion: 77 Resp: 79683

Ion Ratio Lower Upper

77 100

105 105.8 81.1 121.1

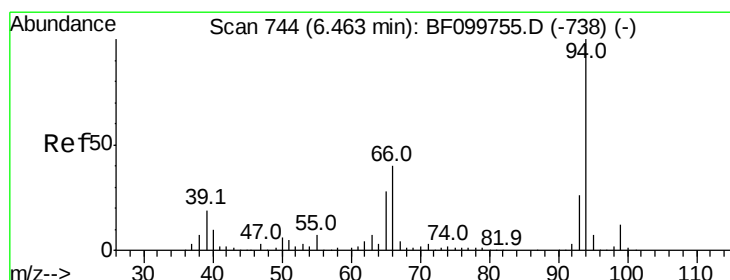
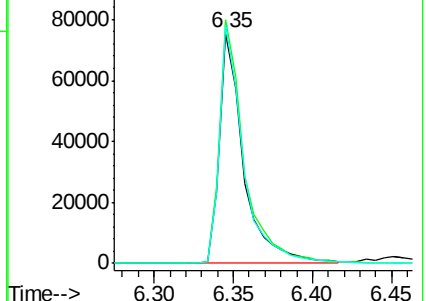
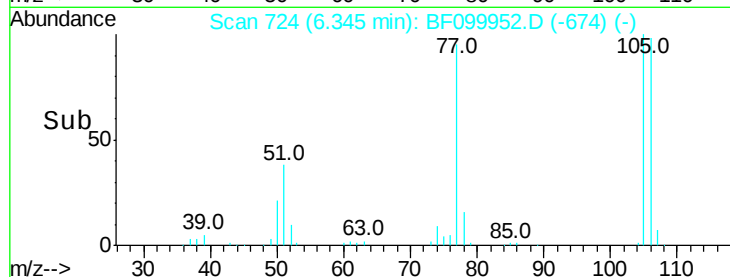
106 103.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 27.768 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

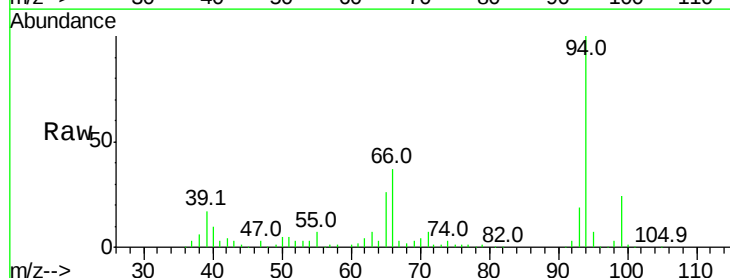
Tgt Ion: 94 Resp: 206453

Ion Ratio Lower Upper

94 100

65 25.6 7.9 47.9

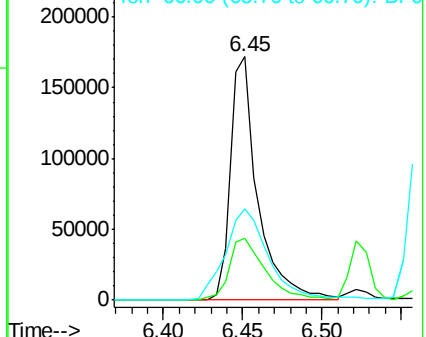
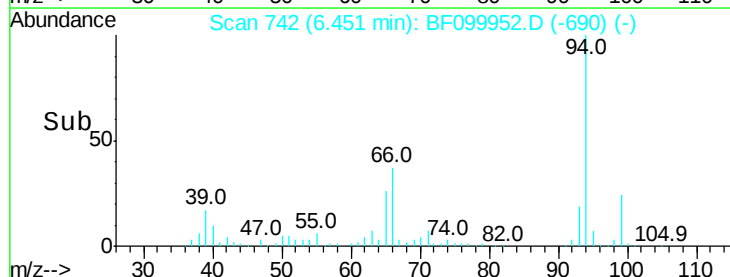
66 37.3 16.2 56.2

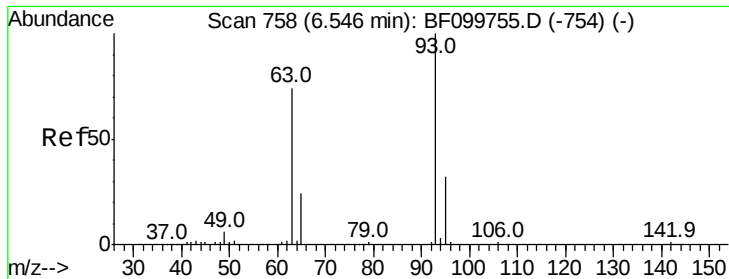


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 28.149 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampled :

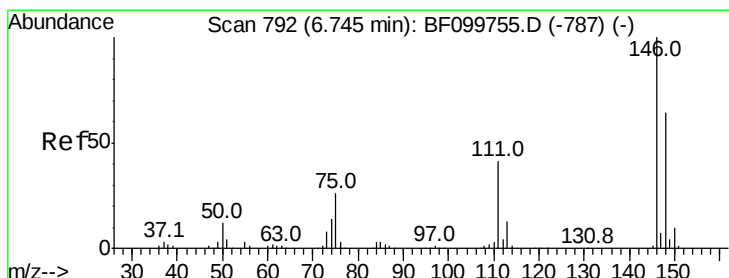
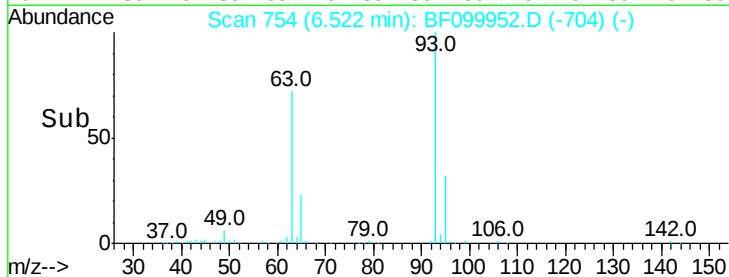
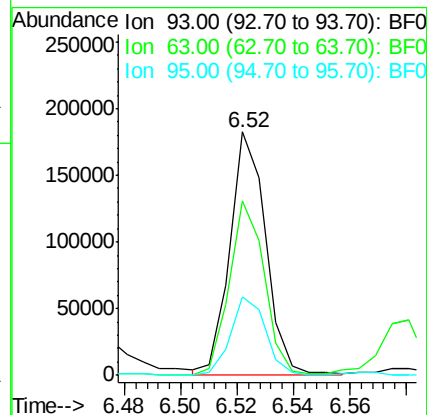
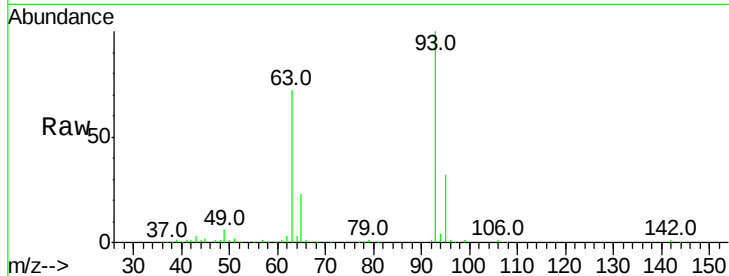
Tot Ion: 93 Resp: 161614

Ion Ratio Lower Upper

93 100

63 71.8 58.6 98.6

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 28.032 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.08 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

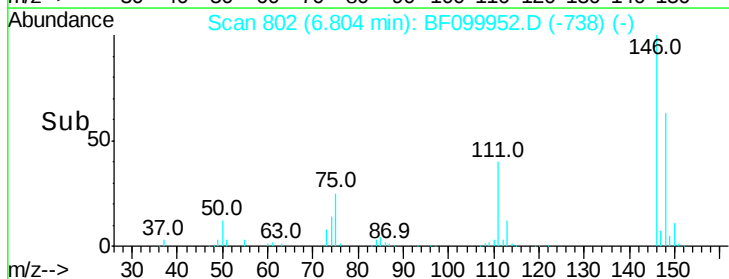
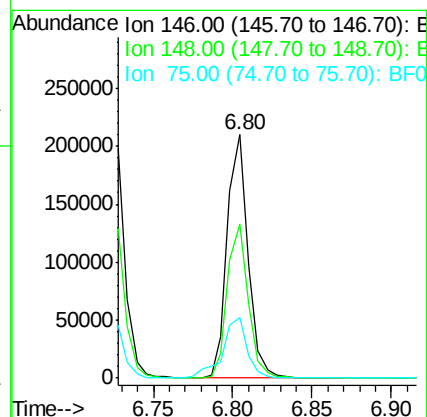
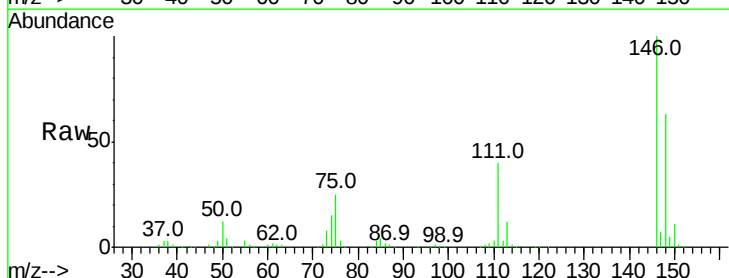
Tgt Ion: 146 Resp: 191582

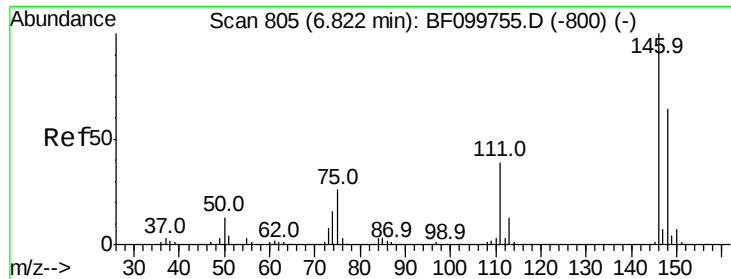
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

75 24.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 27.620 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampled :

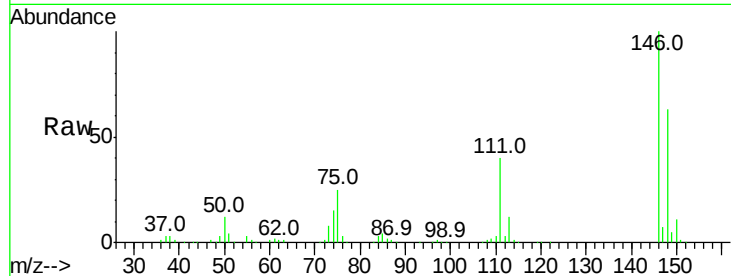
Tot Ion:146 Resp: 191582

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

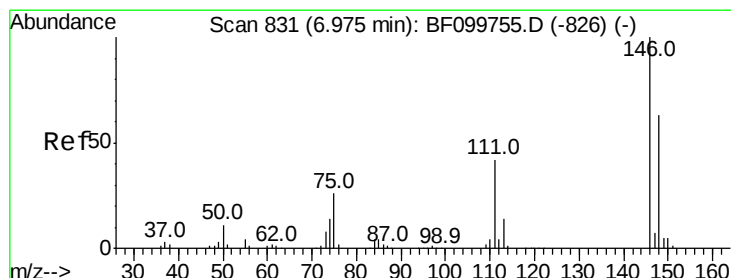
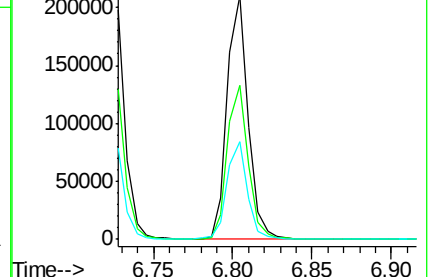
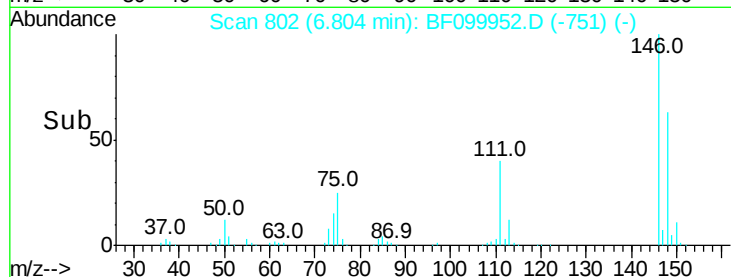
111 39.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 27.884 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

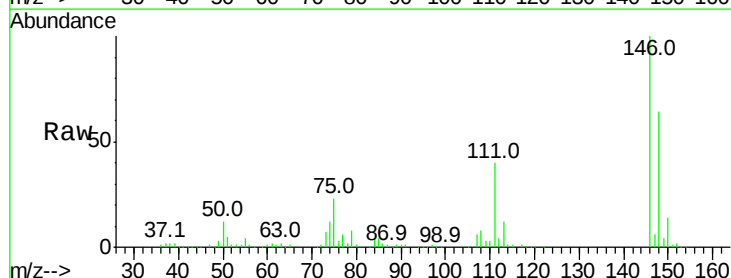
Tgt Ion:146 Resp: 176273

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

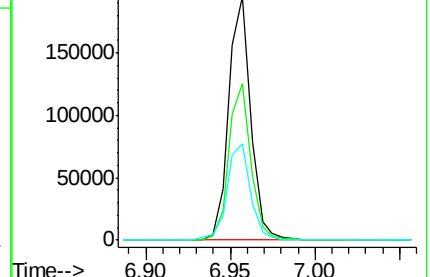
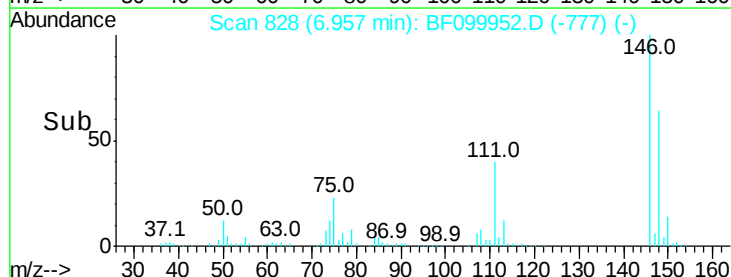
111 39.5 36.0 54.0

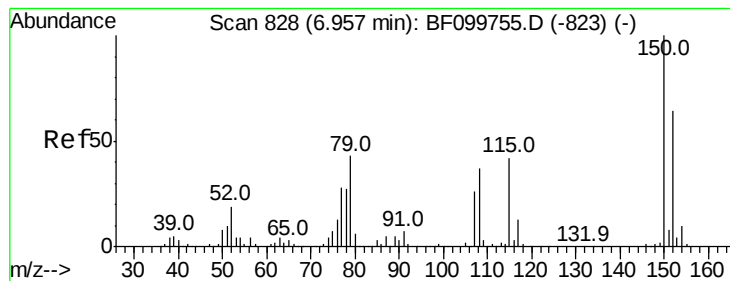


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.574 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampled :

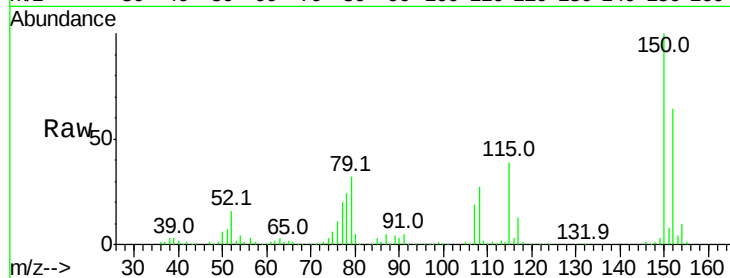
Tot Ion: 79 Resp: 123054

Ion Ratio Lower Upper

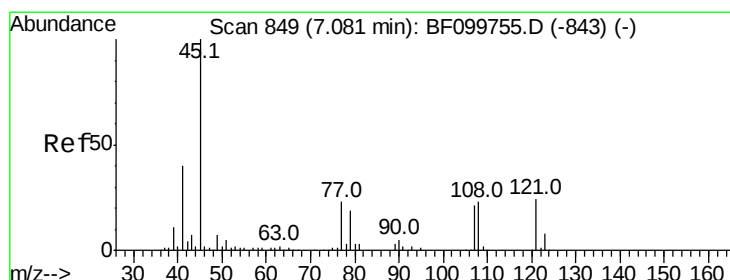
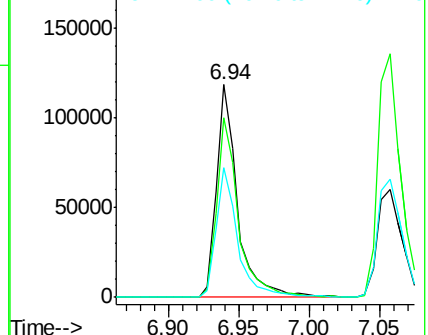
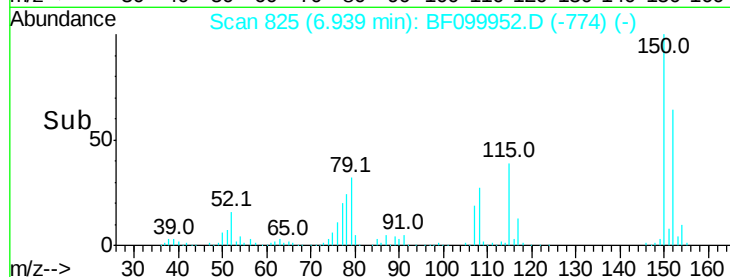
79 100

108 84.7 65.1 97.7

77 61.2 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: 31.130 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

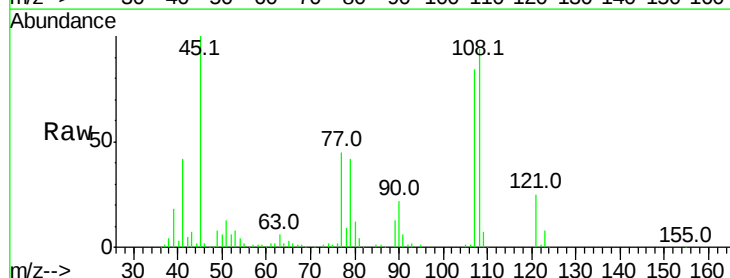
Tgt Ion: 45 Resp: 198539

Ion Ratio Lower Upper

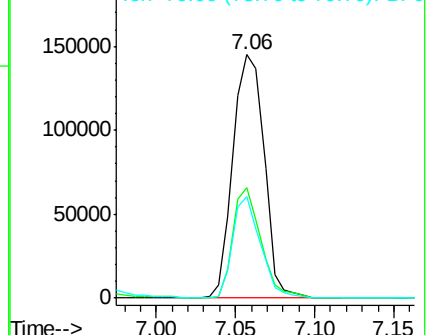
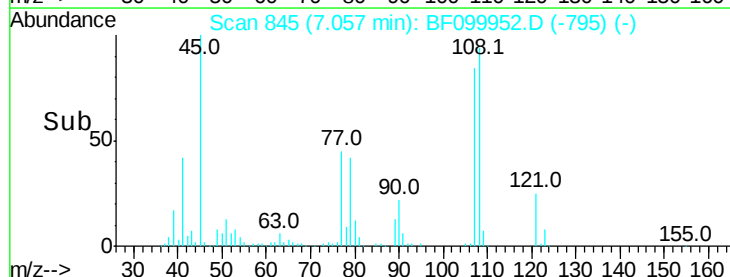
45 100

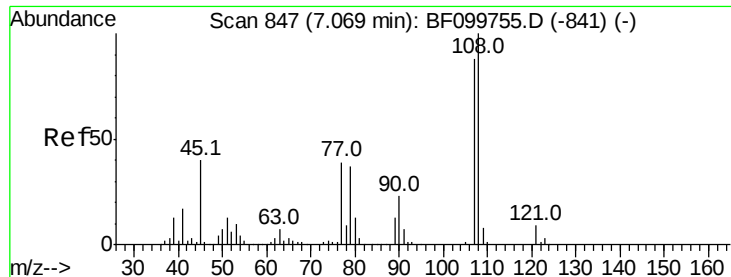
77 45.3 0.0 32.9#

79 41.6 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

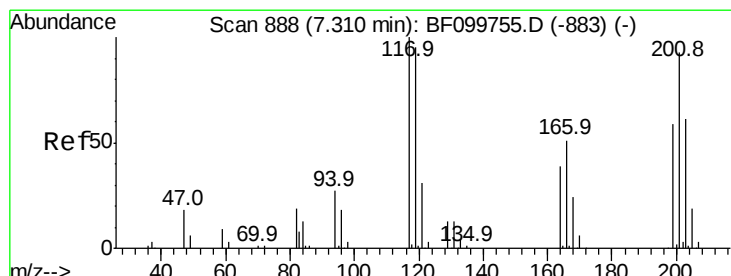
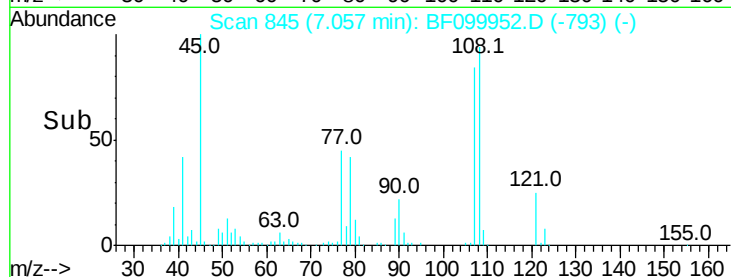
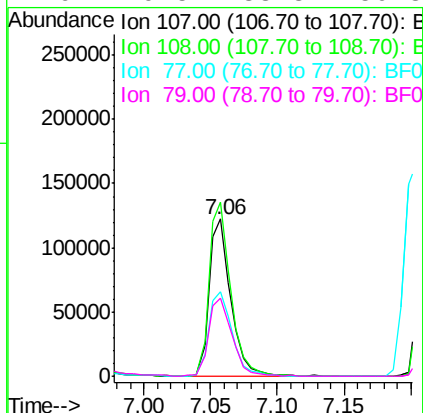
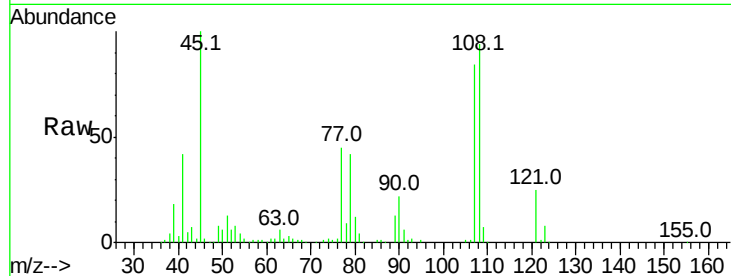




#17
2-Methylphenol
Concen: 27.322 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

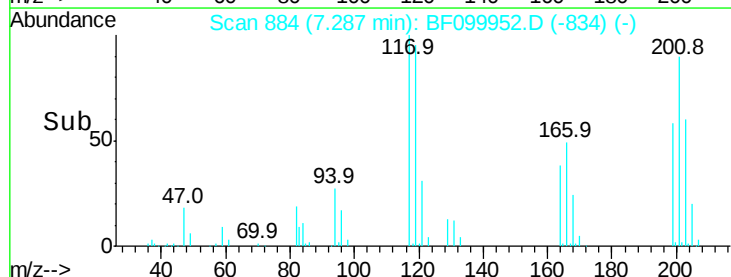
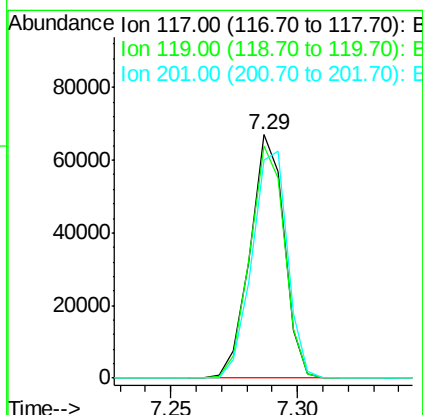
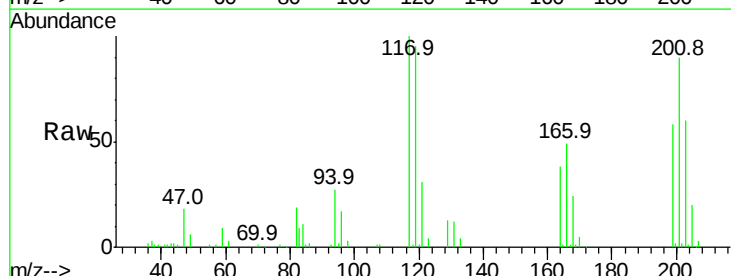
Instrument :
BNA_F
ClientSampleId :

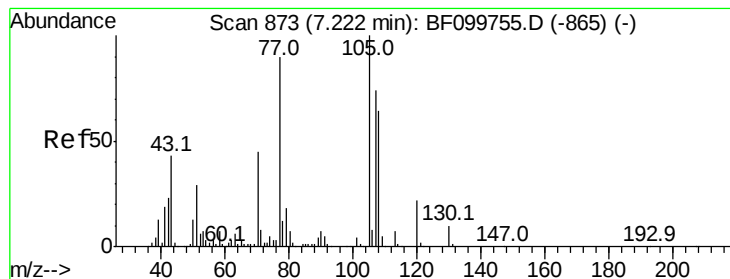
Tot Ion:107 Resp: 139104
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 53.8 33.8 50.8#
79 49.5 33.8 50.8



#18
Hexachloroethane
Concen: 27.187 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:117 Resp: 62913
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 89.7 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 27.985 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111056

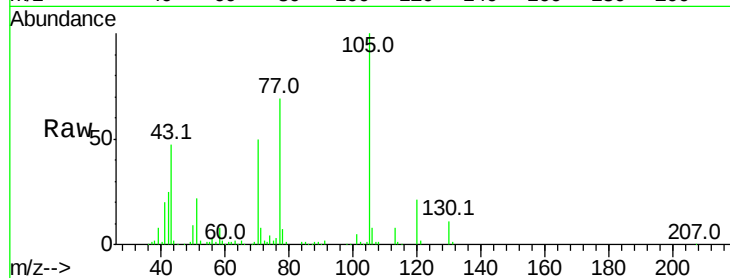
Ion Ratio Lower Upper

70 100

42 50.0 47.5 71.3

101 10.3 7.4 11.2

130 22.7 16.6 25.0

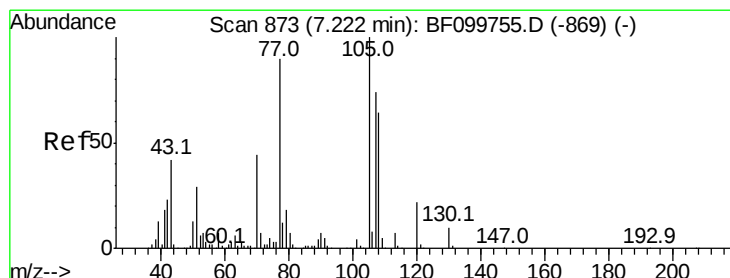
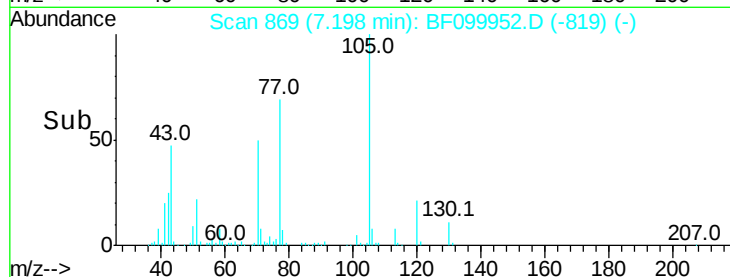
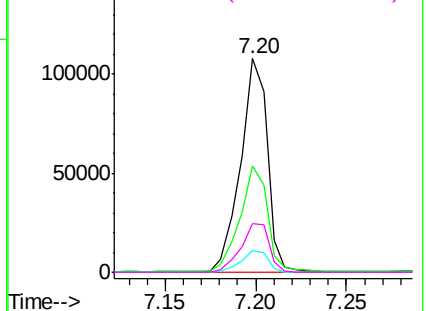


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 31.550 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Tgt Ion: 107 Resp: 187036

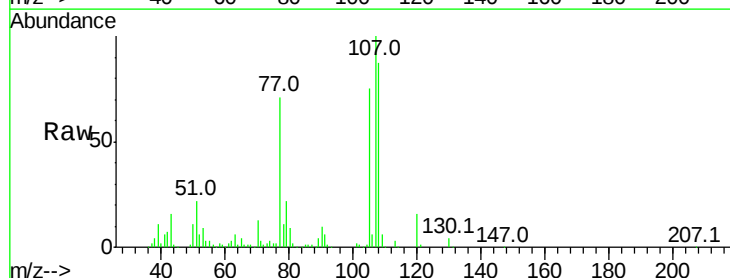
Ion Ratio Lower Upper

107 100

108 86.8 68.2 108.2

77 71.3 26.7 66.7#

79 21.5 6.3 46.3

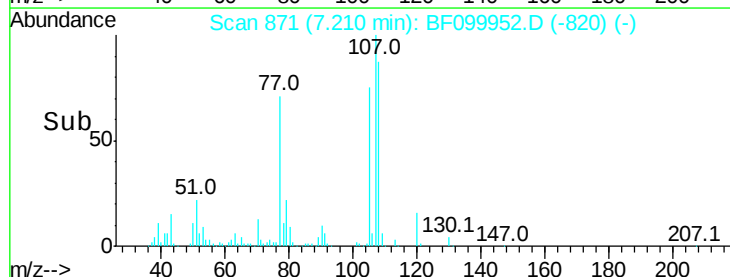
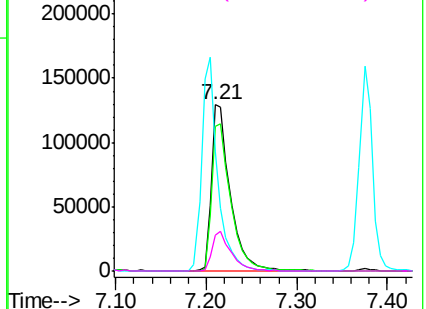


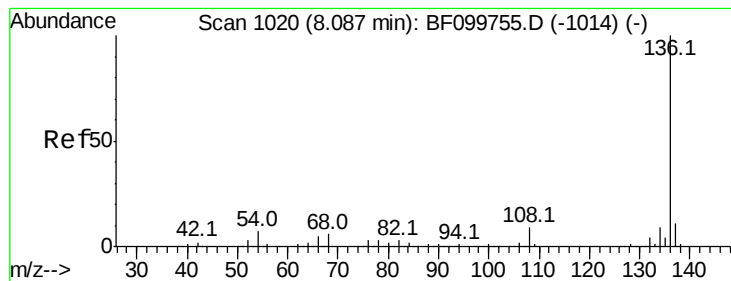
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 375907

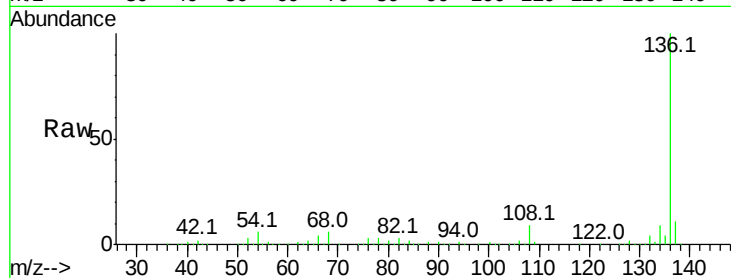
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.2 6.6 9.8#

68 5.6 5.0 7.4

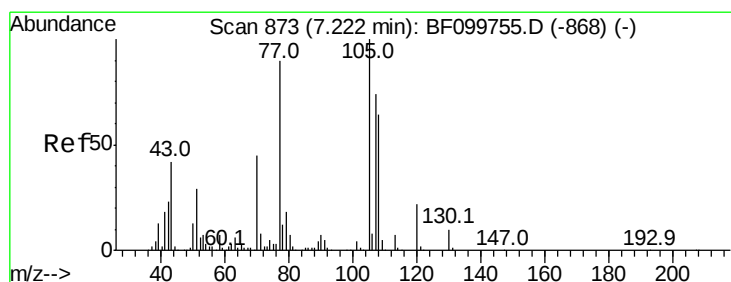
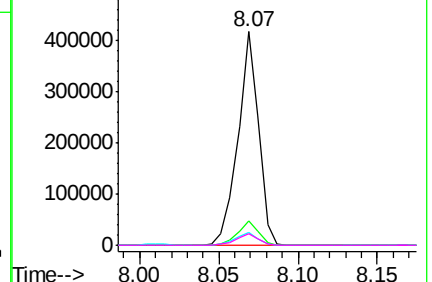
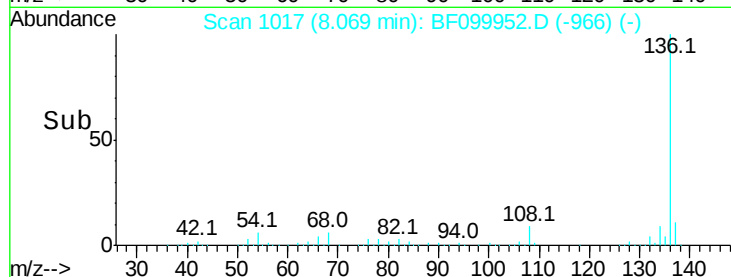


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.089 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Tgt Ion:105 Resp: 231855

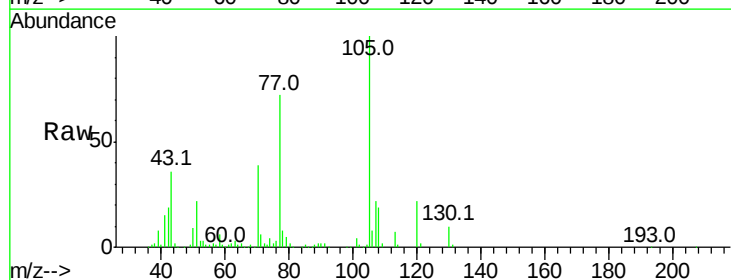
Ion Ratio Lower Upper

105 100

71 6.4 4.4 6.6

51 21.8 22.3 33.5#

120 21.6 16.9 25.3

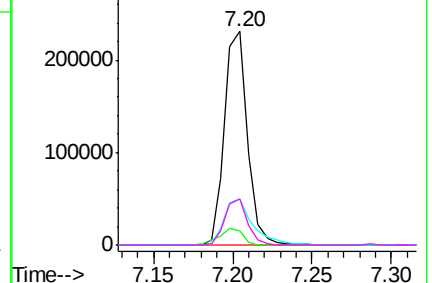
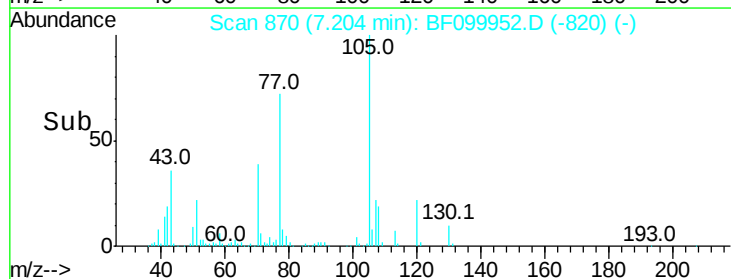


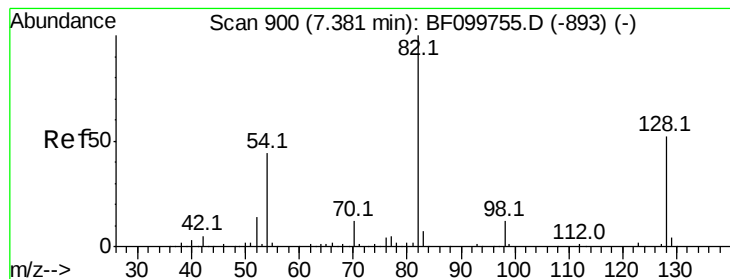
Abundance Ion 105.00 (104.70 to 105.70): E

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: 55.189 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampled :

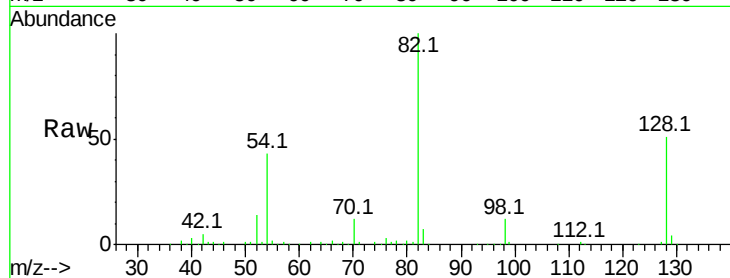
Tot Ion: 82 Resp: 322239

Ion Ratio Lower Upper

82 100

128 50.6 36.1 54.1

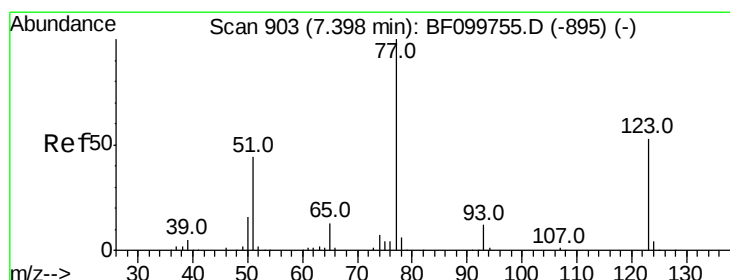
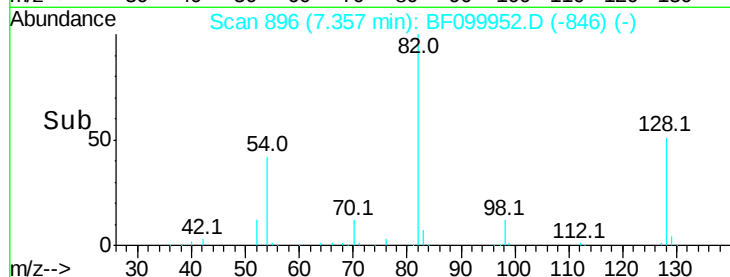
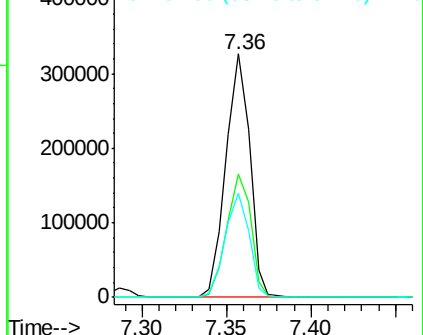
54 43.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 27.366 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

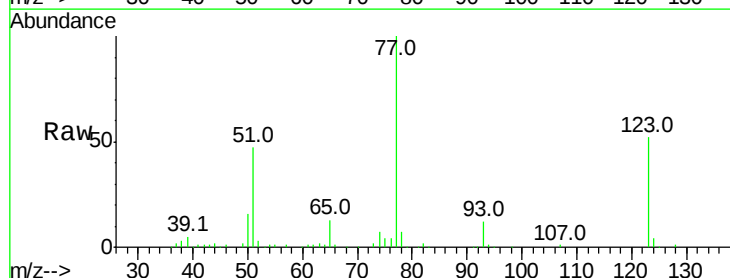
Tgt Ion: 77 Resp: 160998

Ion Ratio Lower Upper

77 100

123 51.6 37.9 56.9

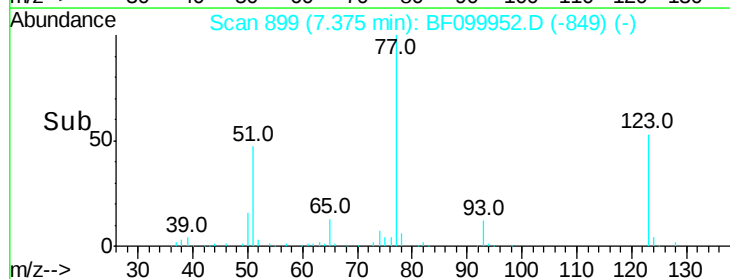
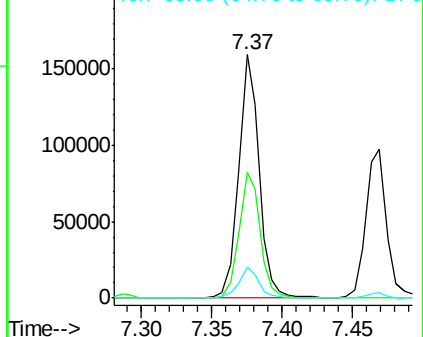
65 12.6 11.0 16.4

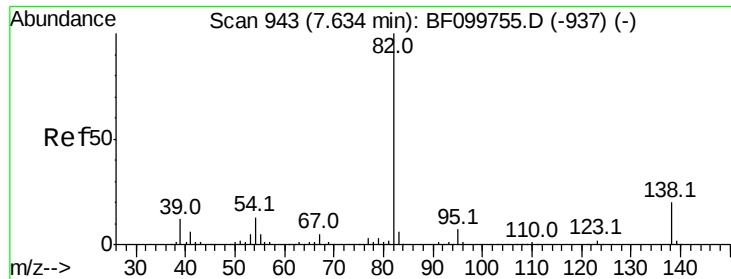


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 28.651 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

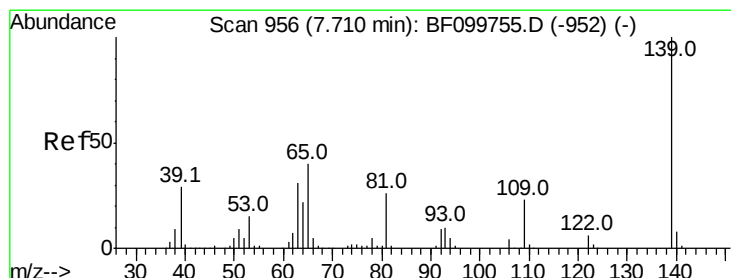
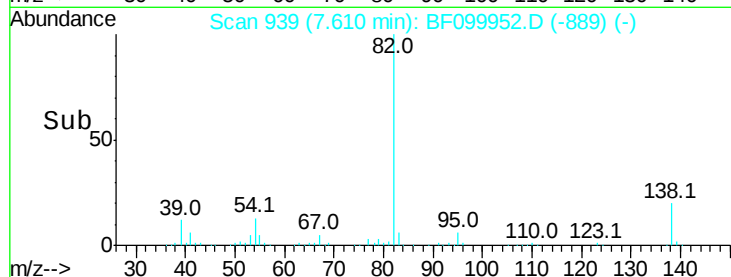
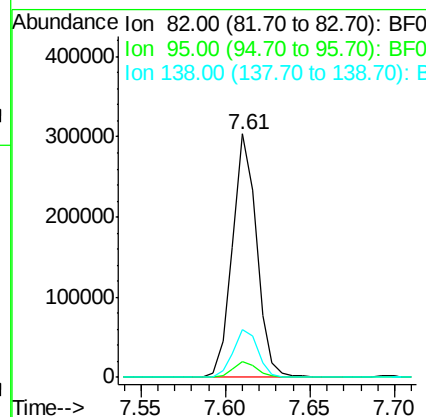
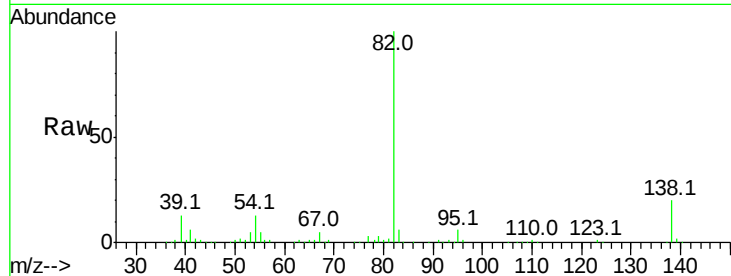
Tot Ion: 82 Resp: 303558

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 19.8 14.9 22.3



#26

2-Nitrophenol

Concen: 28.861 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

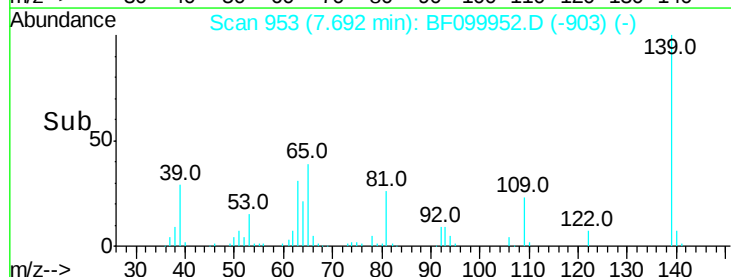
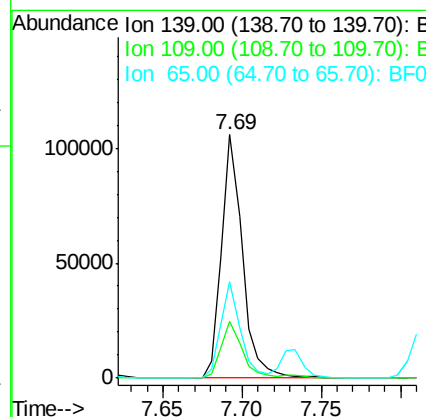
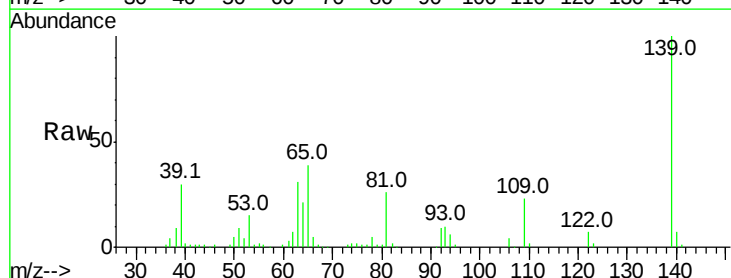
Tgt Ion: 139 Resp: 97251

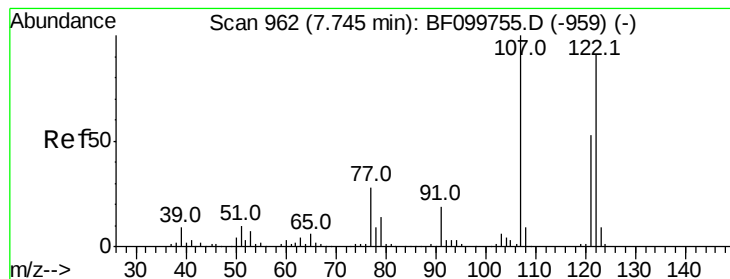
Ion Ratio Lower Upper

139 100

109 23.2 22.7 34.1

65 39.5 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 31.504 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampled :

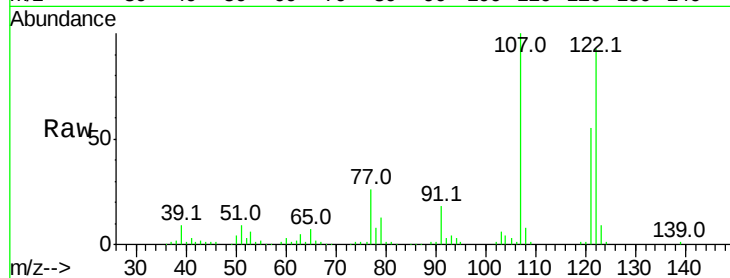
Tot Ion:122 Resp: 156411

Ion Ratio Lower Upper

122 100

107 107.4 91.2 136.8

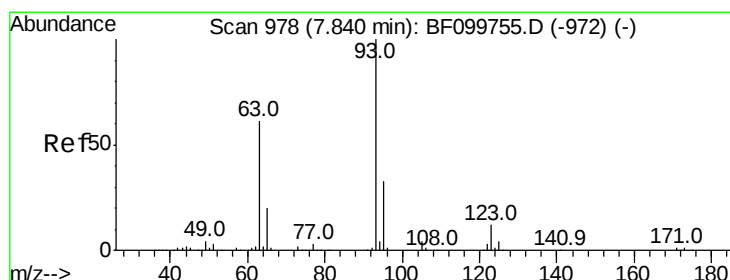
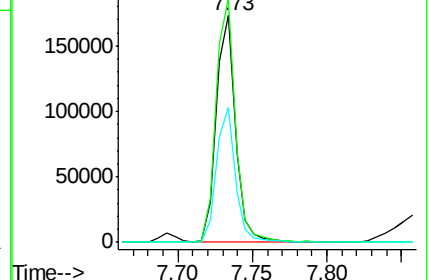
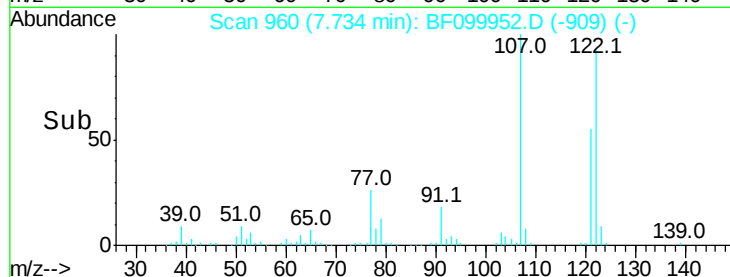
121 59.6 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 27.459 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

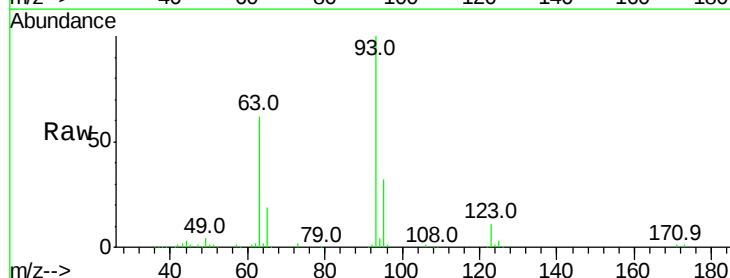
Tgt Ion: 93 Resp: 203746

Ion Ratio Lower Upper

93 100

95 31.5 26.3 39.5

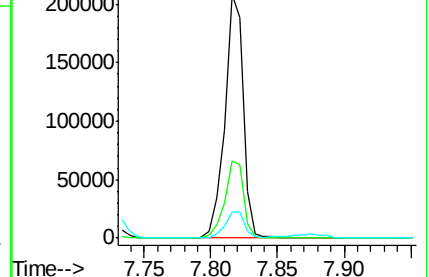
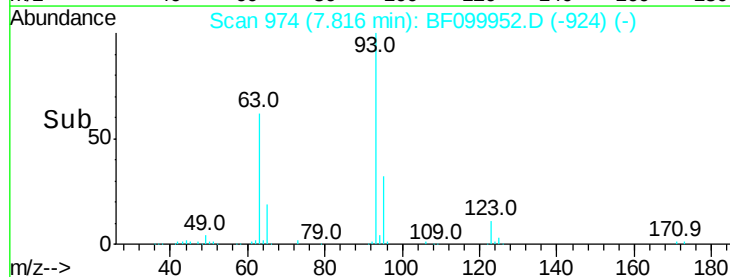
123 10.9 9.8 14.6

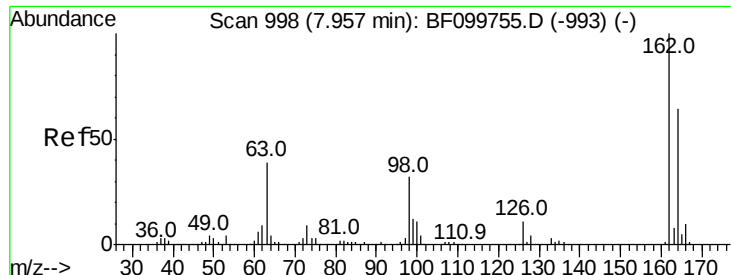


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

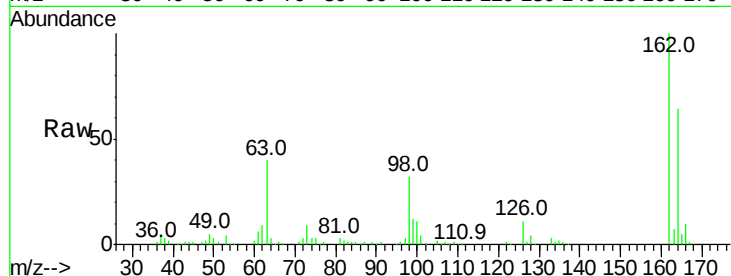




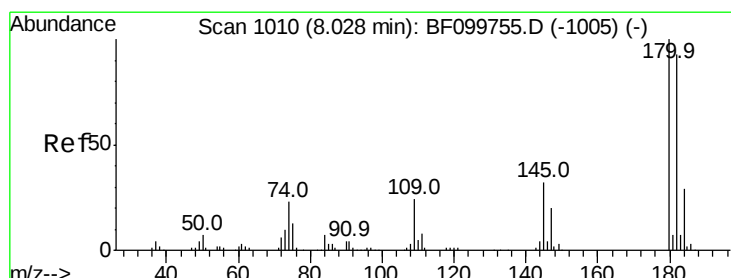
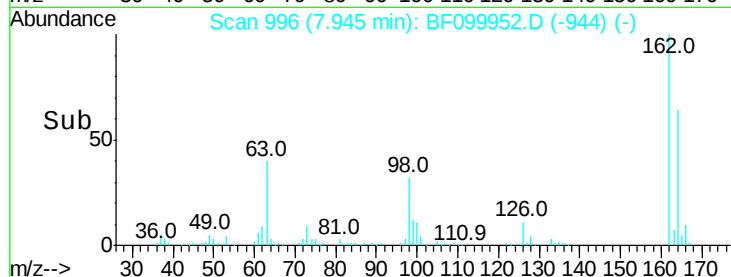
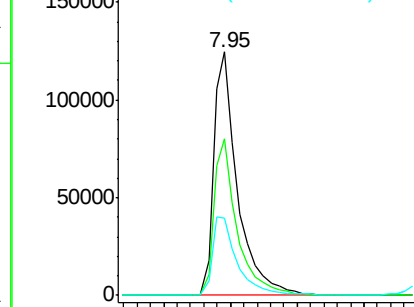
#29
 2,4-Dichlorophenol
 Concen: 29.946 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	31.8	18.1	58.1

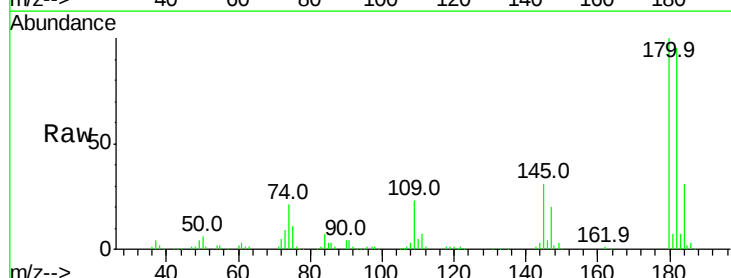


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

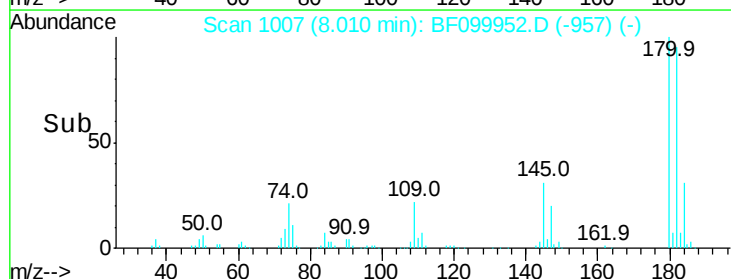
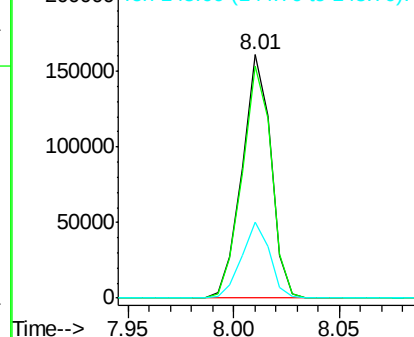


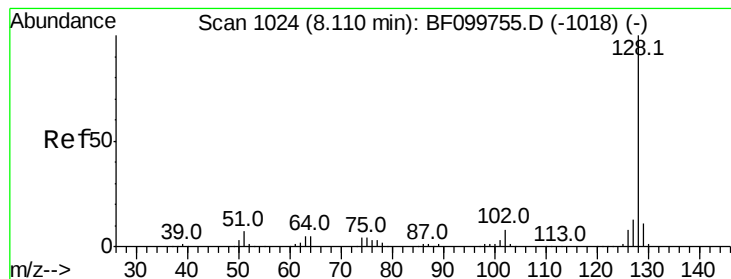
#30
 1,2,4-Trichlorobenzene
 Concen: 27.629 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	31.1	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: 27.546 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

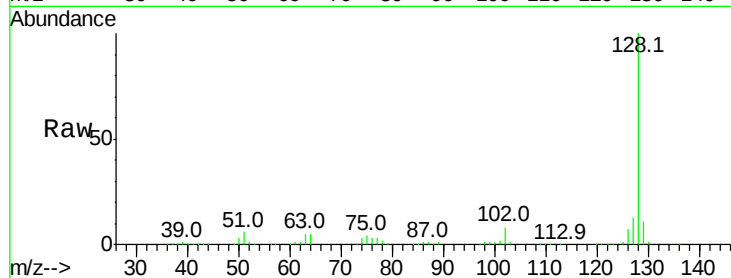
Tot Ion:128 Resp: 499824

Ion Ratio Lower Upper

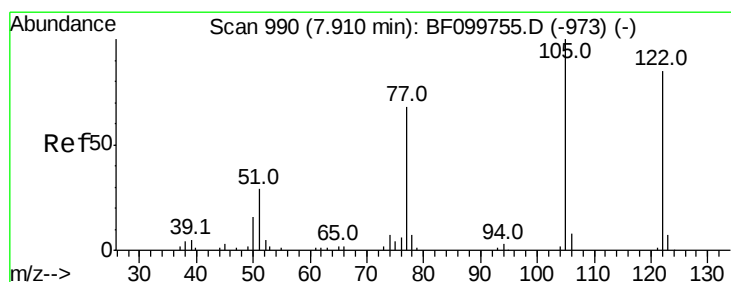
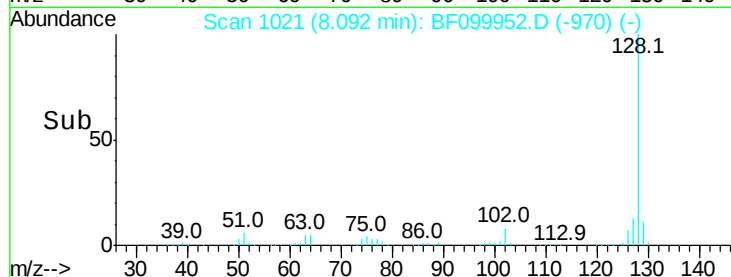
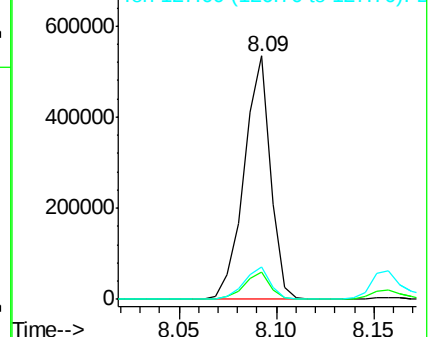
128 100

129 11.0 8.8 13.2

127 13.3 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: 20.945 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

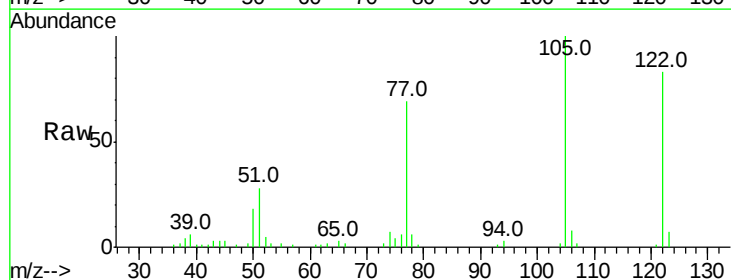
Tgt Ion:122 Resp: 91530

Ion Ratio Lower Upper

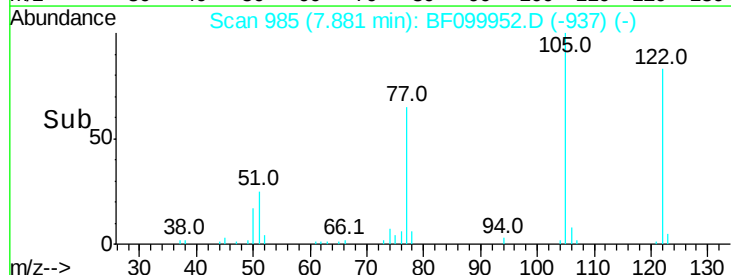
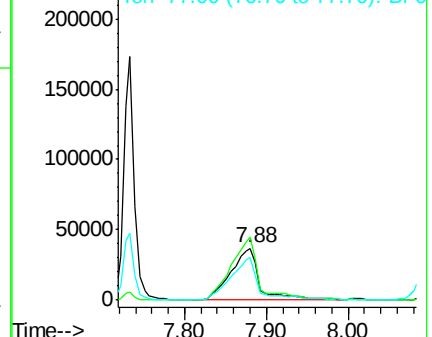
122 100

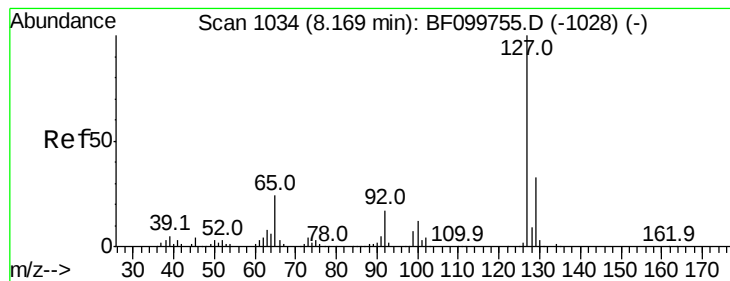
105 120.1 101.1 141.1

77 82.5 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: 11.230 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 84146

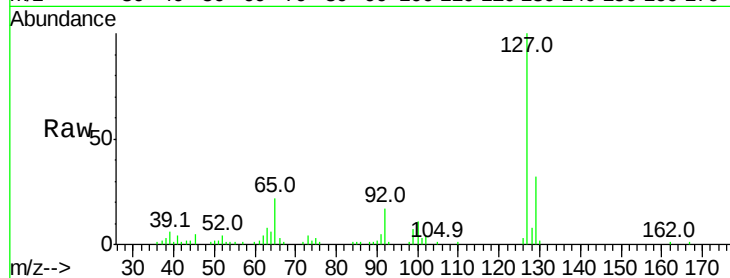
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 22.1 25.0 37.4#

92 17.2 15.2 22.8

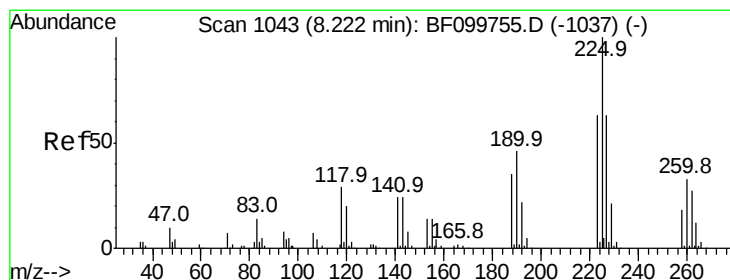
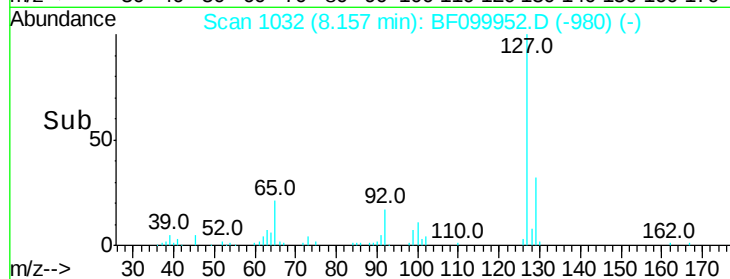
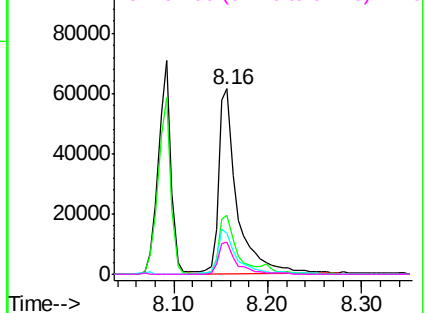


Abundance Ion 127.00 (126.70 to 127.70): E

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: 26.826 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

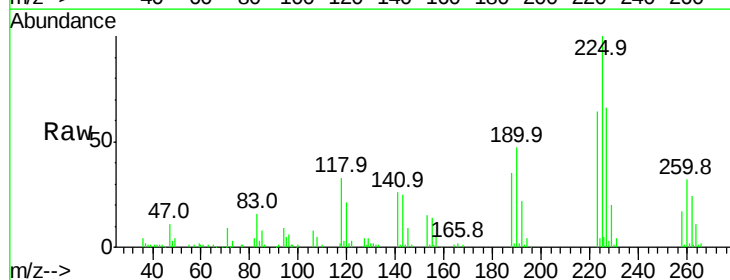
Tgt Ion:225 Resp: 76037

Ion Ratio Lower Upper

225 100

223 63.7 50.6 76.0

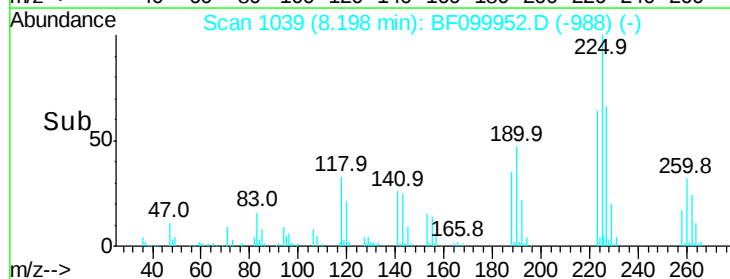
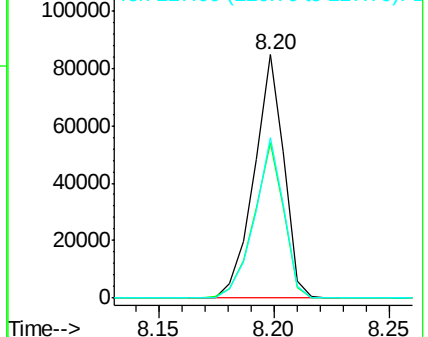
227 65.9 51.9 77.9

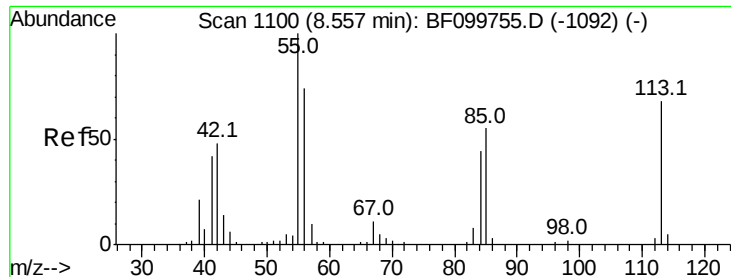


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

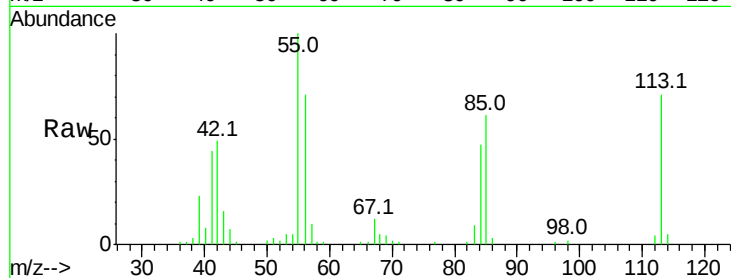




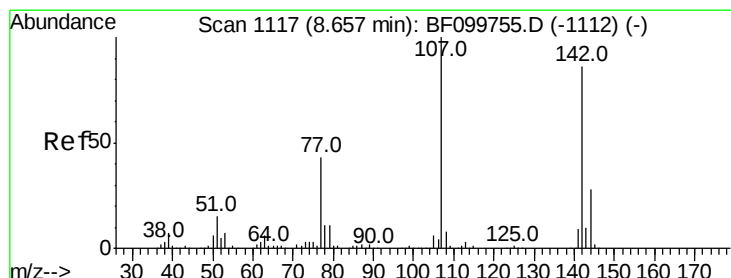
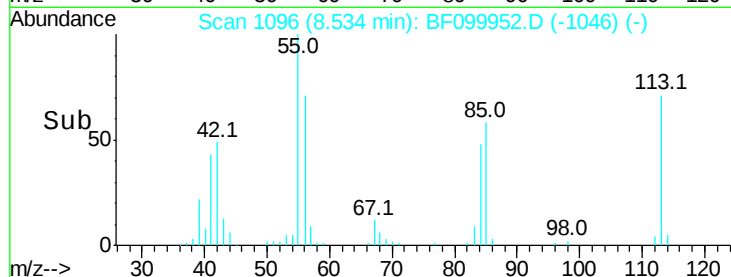
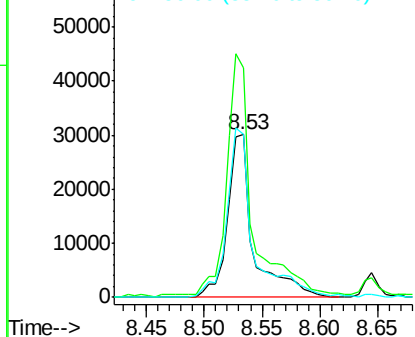
#35
 Caprolactam
 Concen: 28.964 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 46978
 Ion Ratio Lower Upper
 113 100
 55 141.5 163.3 203.3#
 56 100.1 115.7 155.7#

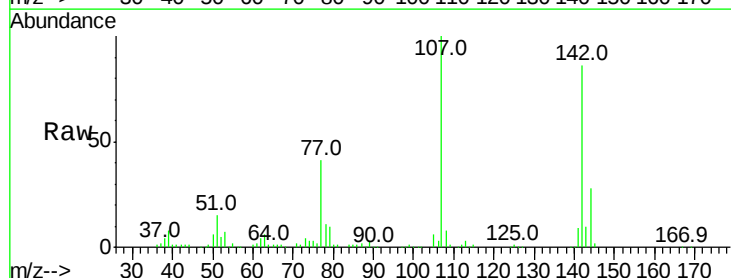


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

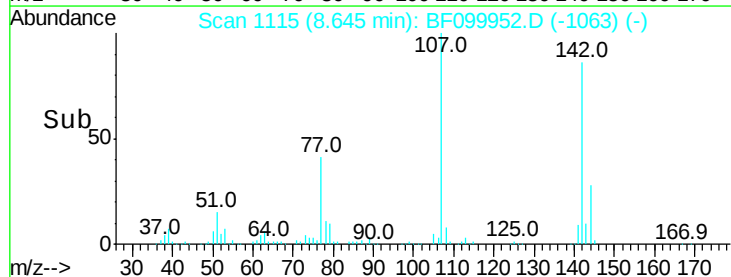
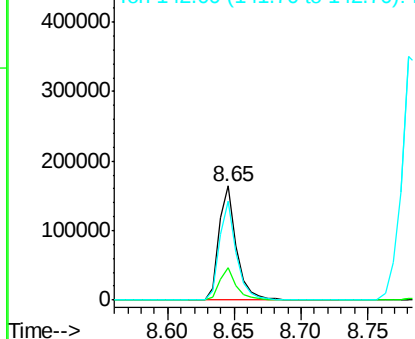


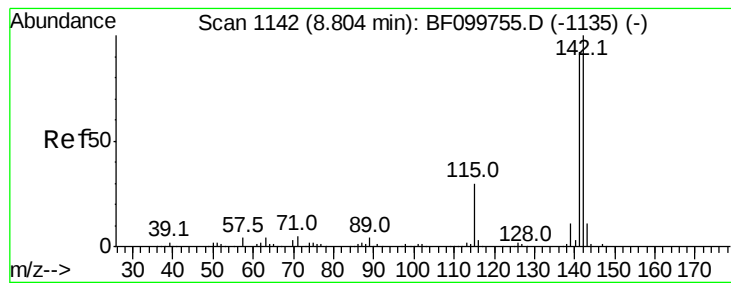
#36
 4-Chloro-3-methylphenol
 Concen: 28.982 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:107 Resp: 152565
 Ion Ratio Lower Upper
 107 100
 144 28.1 20.5 30.7
 142 86.2 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: 29.224 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampled :

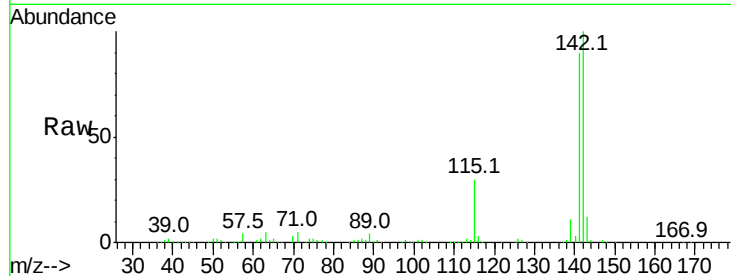
Tot Ion:142 Resp: 355365

Ion Ratio Lower Upper

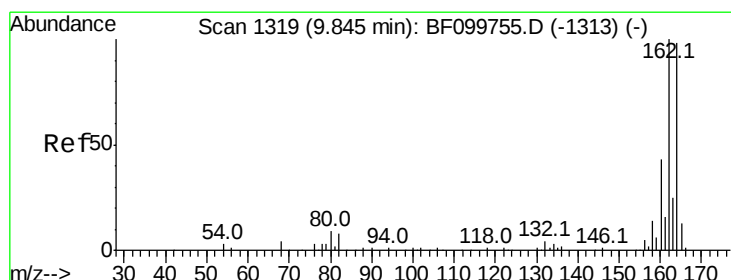
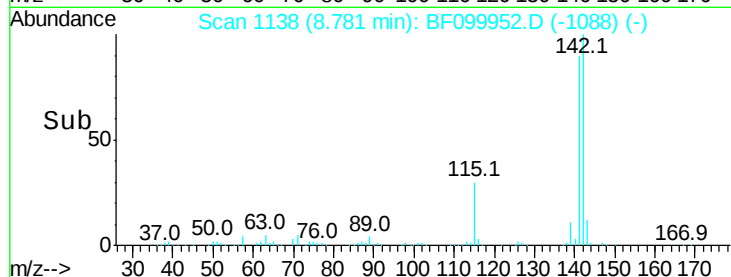
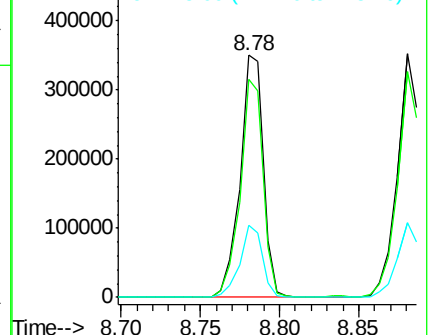
142 100

141 90.1 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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

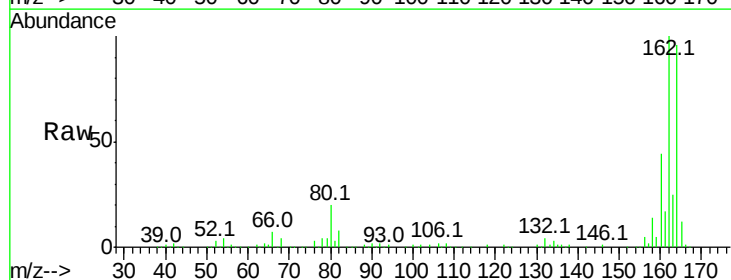
Tgt Ion:164 Resp: 181975

Ion Ratio Lower Upper

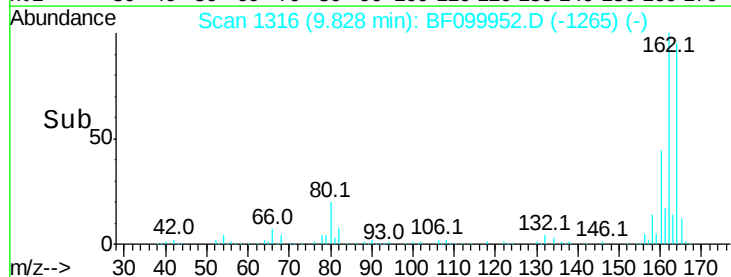
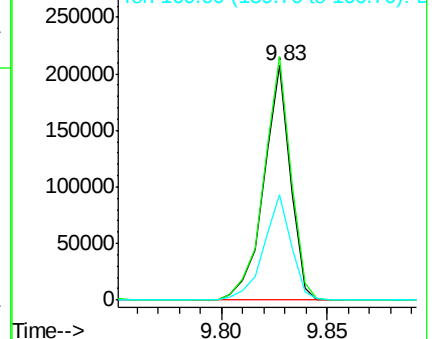
164 100

162 104.0 86.1 129.1

160 45.2 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

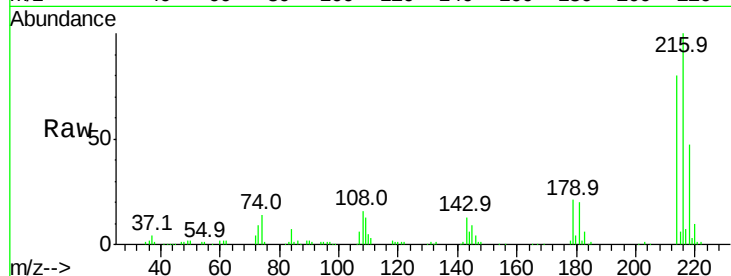




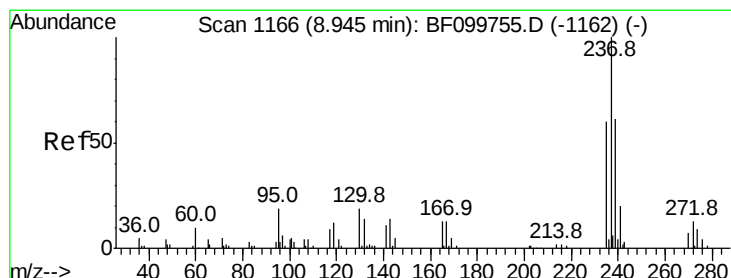
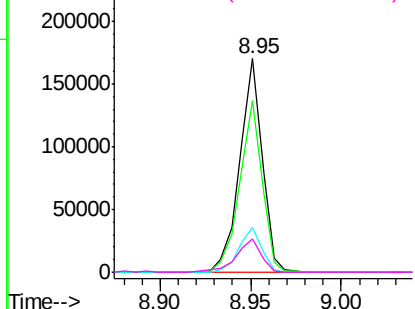
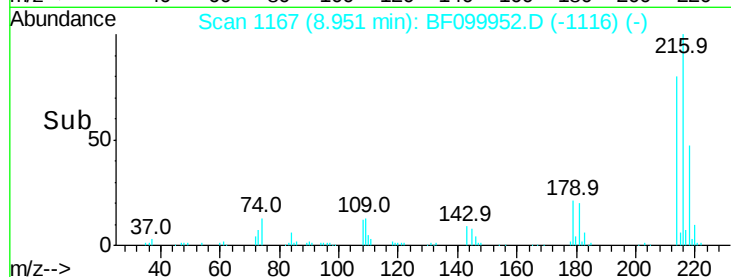
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.983 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	146836
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.4
179	21.4	18.1	27.1
108	17.3	17.2	25.8

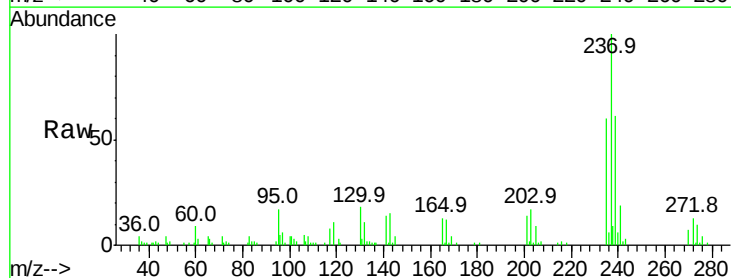


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

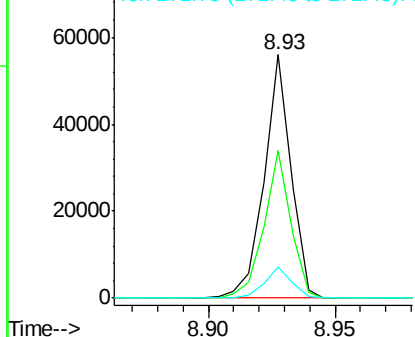
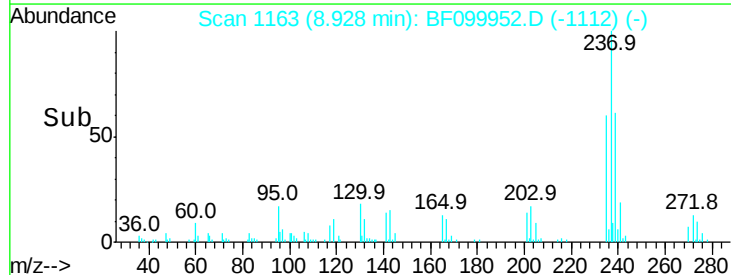


#40
 Hexachlorocyclopentadiene
 Concen: 43.661 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:	237	Resp:	41209
Ion	Ratio	Lower	Upper
237	100		
235	60.5	44.8	84.8
272	13.0	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

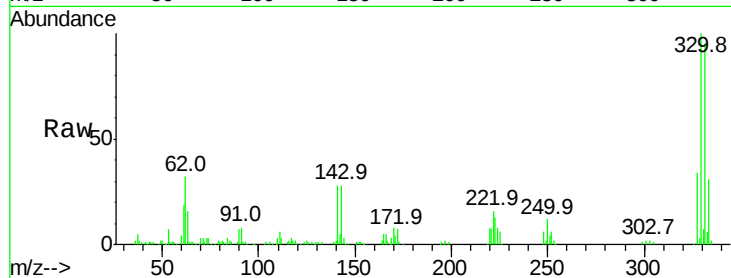




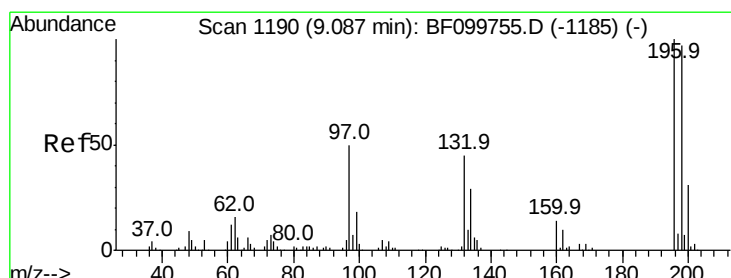
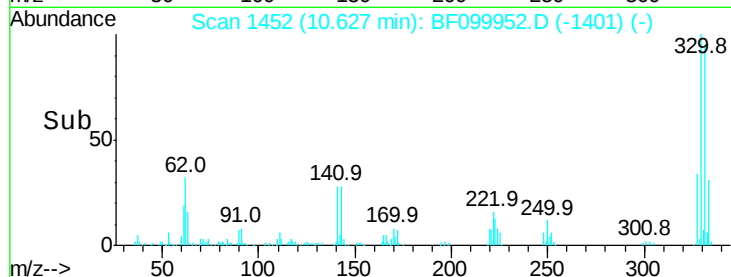
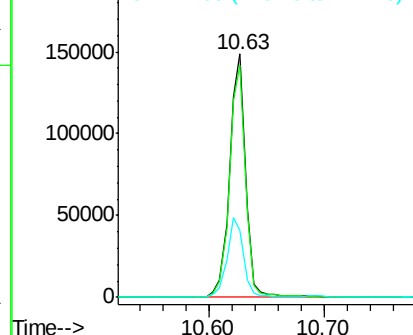
#41
 2,4,6-Tribromophenol
 Concen: 86.666 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 143724
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.9 29.9 44.9

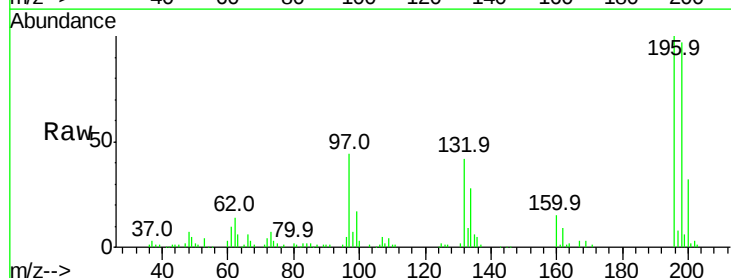


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

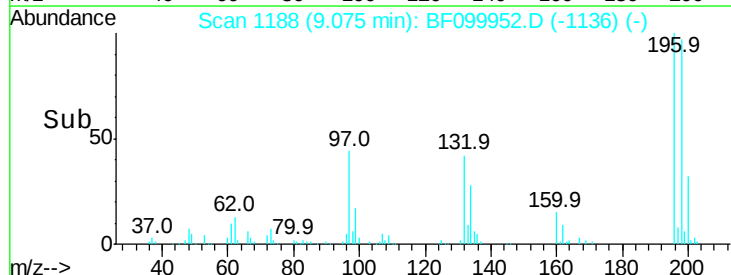
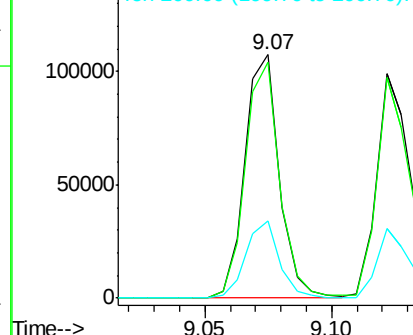


#42
 2,4,6-Trichlorophenol
 Concen: 28.574 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:196 Resp: 101584
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 200 31.6 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

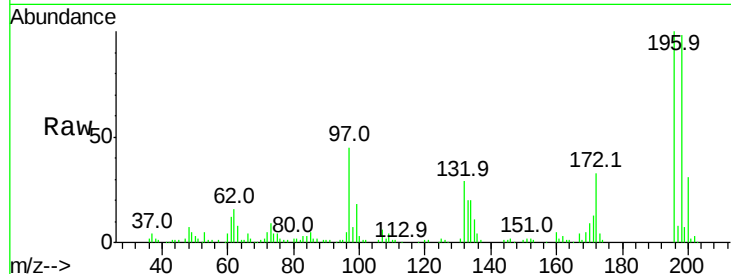




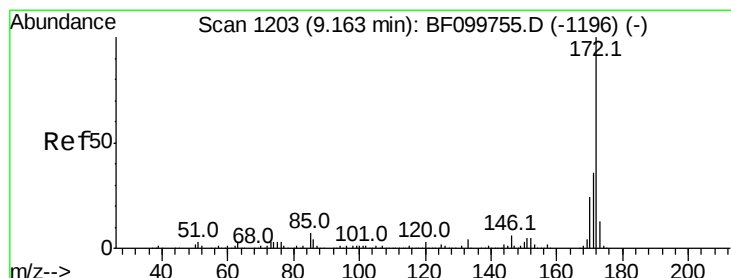
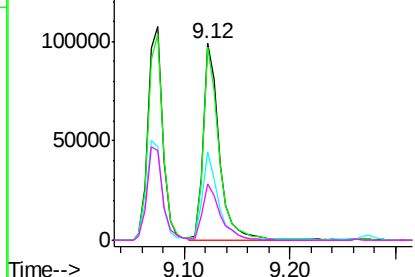
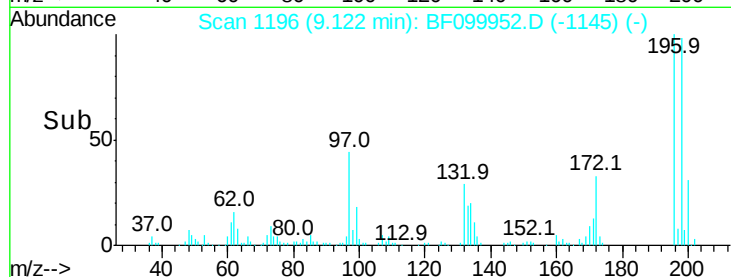
#43
 2,4,5-Trichlorophenol
 Concen: 27.703 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	104512
Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.6	112.0
97	44.8	42.9	64.3
132	28.7	26.3	39.5

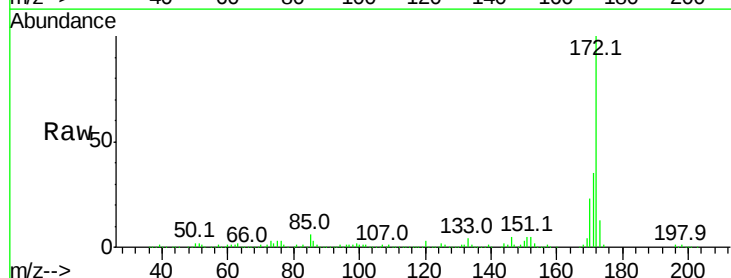


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

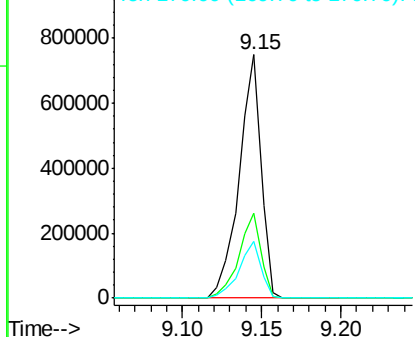
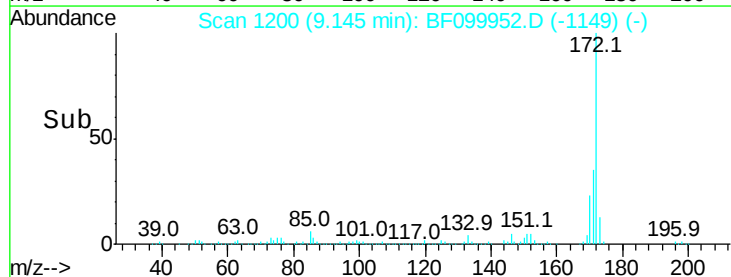


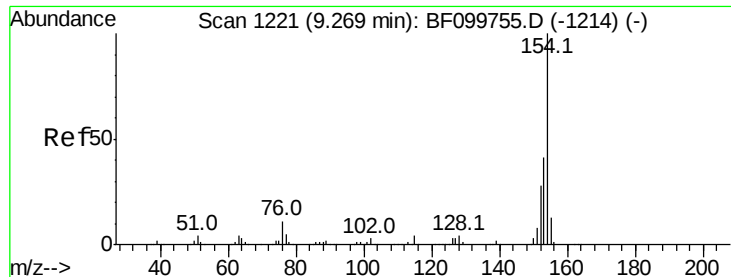
#44
 2-Fluorobiphenyl
 Concen: 60.705 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:	172	Resp:	716001
Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.1	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

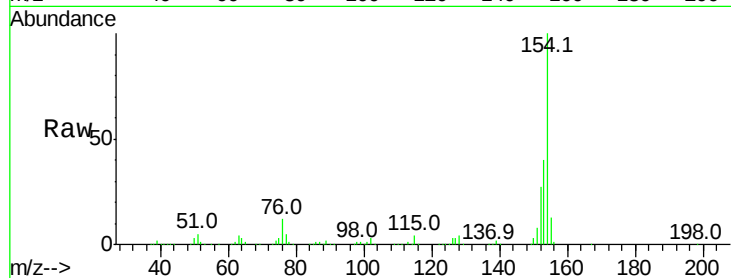




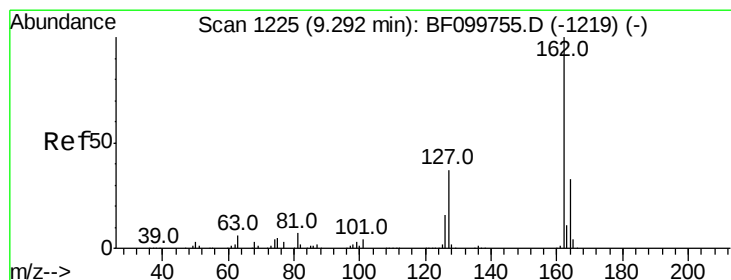
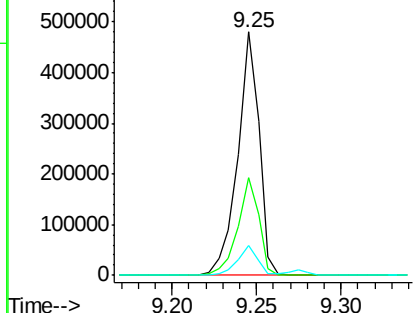
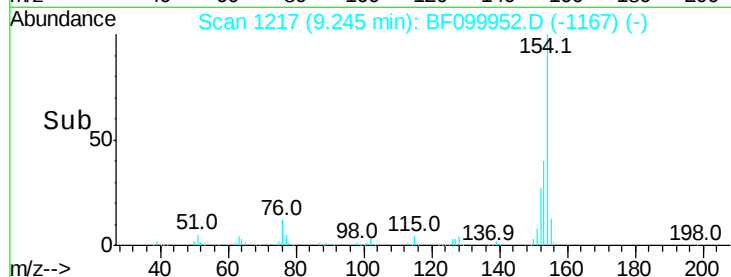
#45
 1,1'-Biphenyl
 Concen: 25.537 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 420399
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.3 61.3
 76 12.3 0.0 34.0

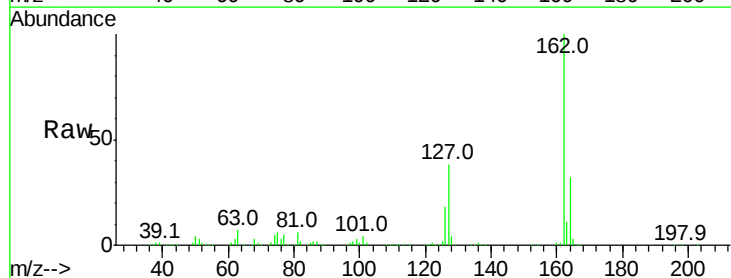


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

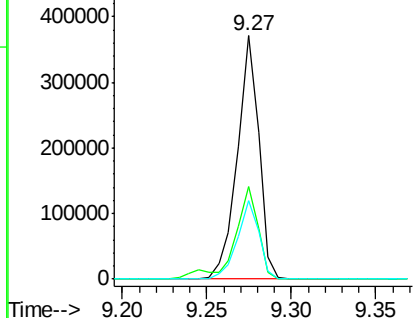
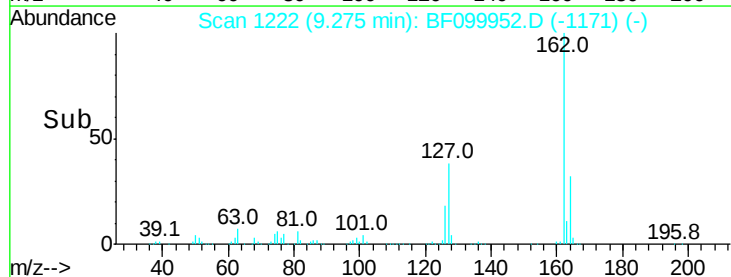


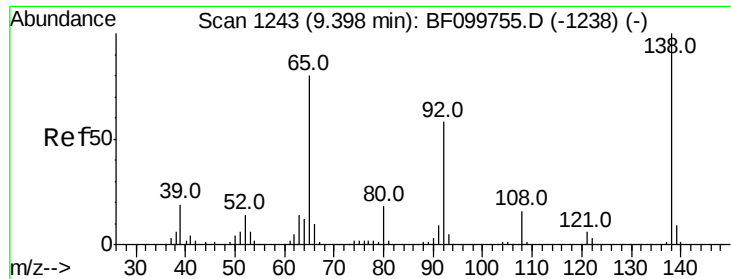
#46
 2-Chloronaphthalene
 Concen: 27.584 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:162 Resp: 329778
 Ion Ratio Lower Upper
 162 100
 127 38.1 33.9 50.9
 164 32.2 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

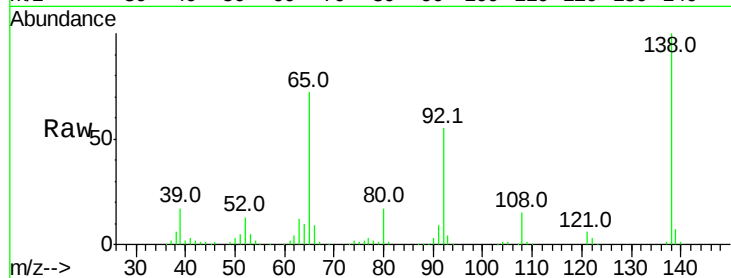




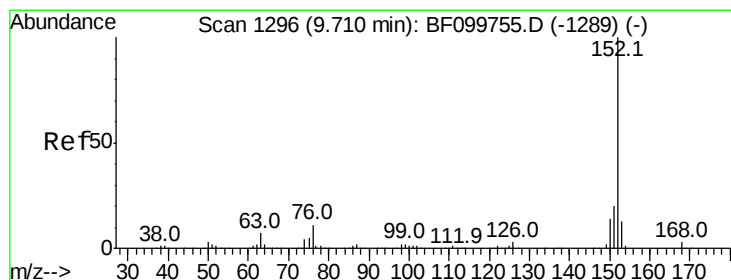
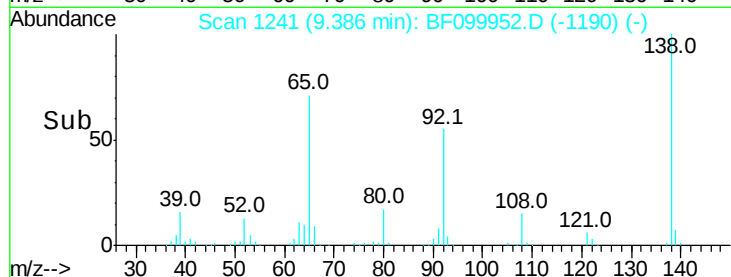
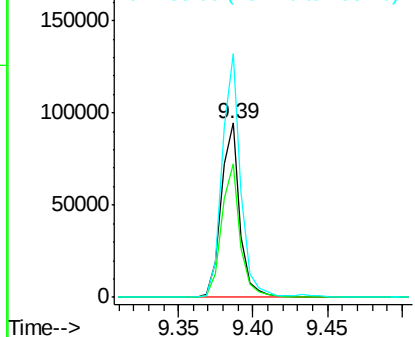
#47
2-Nitroaniline
Concen: 26.641 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 83595
Ion Ratio Lower Upper
65 100
92 76.6 55.8 83.6
138 139.7 91.2 136.8#

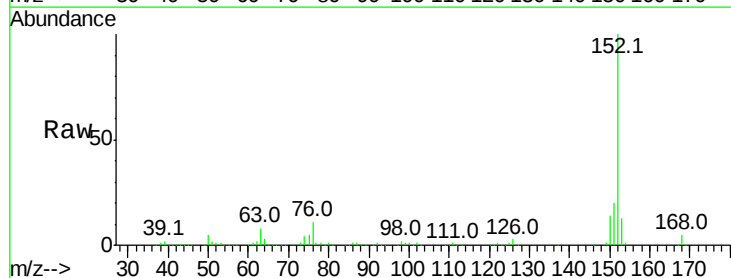


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

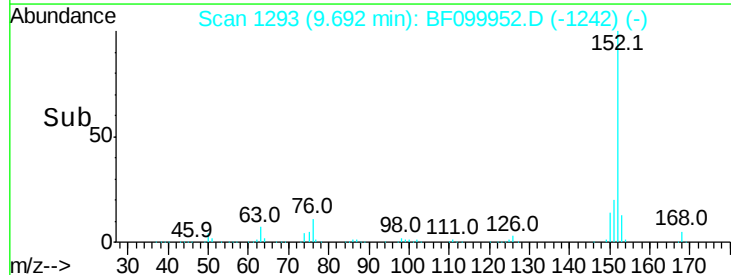
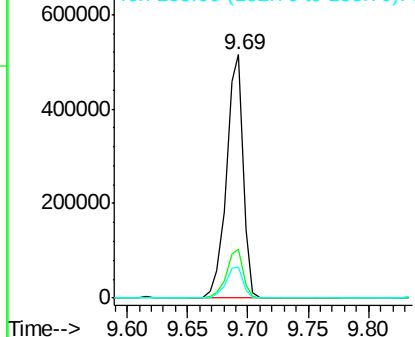


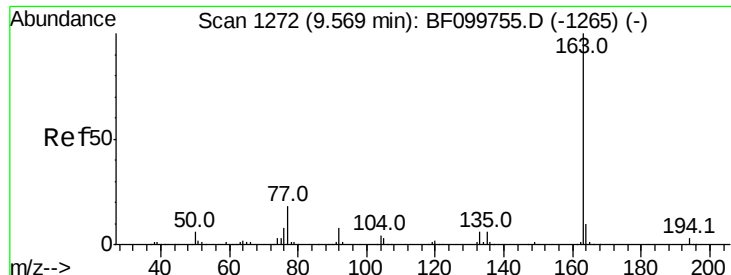
#48
Acenaphthylene
Concen: 26.792 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:152 Resp: 493345
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 12.8 10.7 16.1



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

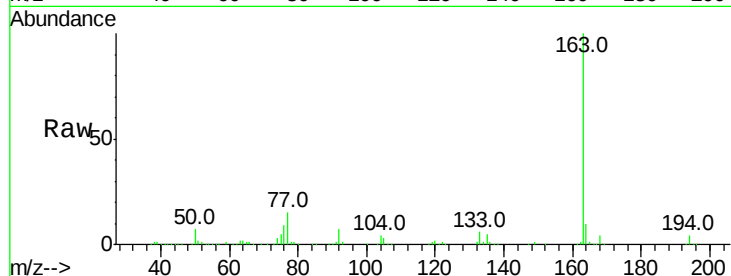




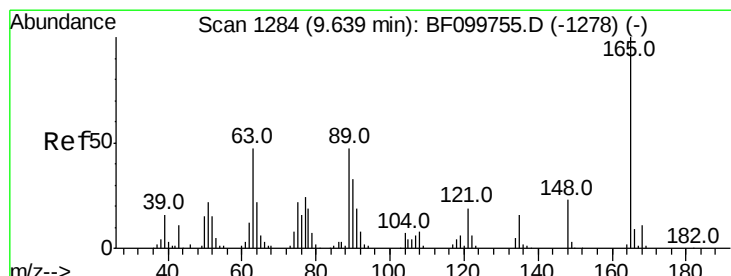
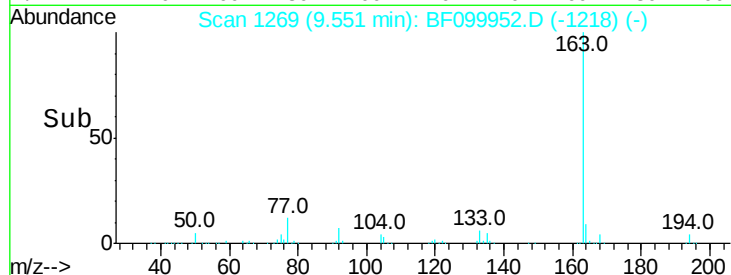
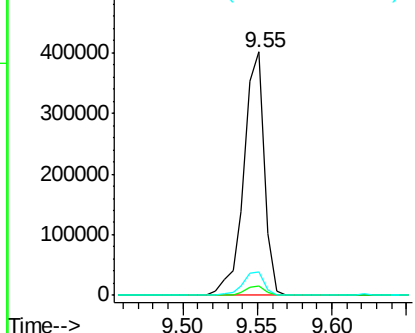
#49
Dimethylphthalate
Concen: 26.396 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 380394
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2

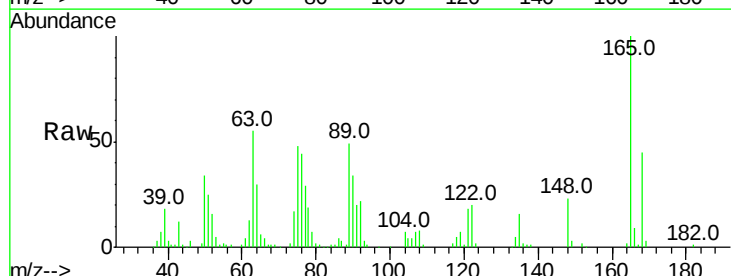


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

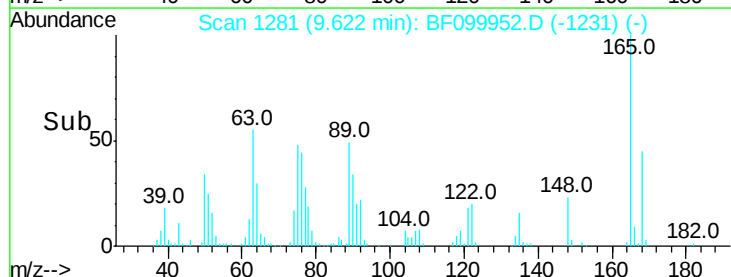
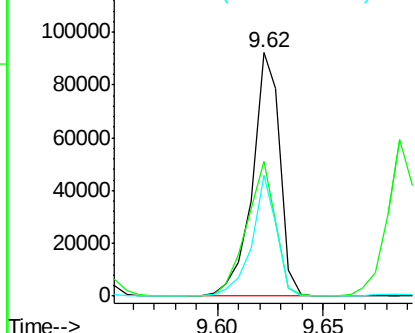


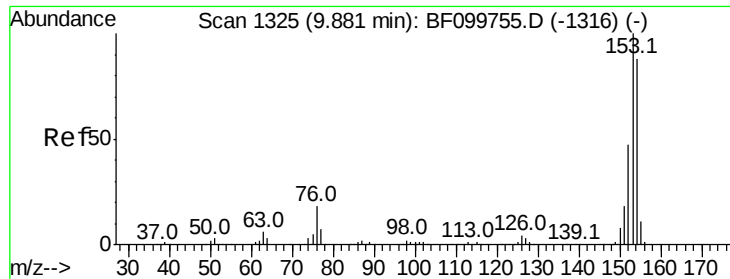
#50
2,6-Dinitrotoluene
Concen: 27.482 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:165 Resp: 83256
Ion Ratio Lower Upper
165 100
63 55.2 44.7 67.1
89 49.4 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: 26.638 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

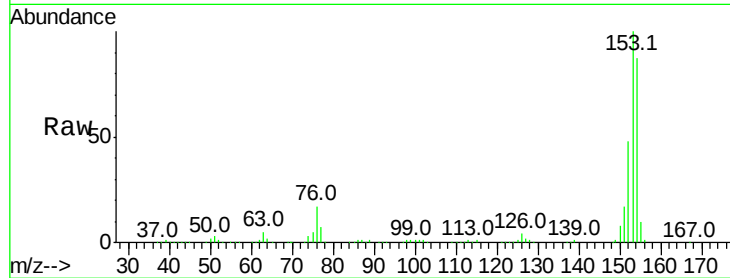
Tot Ion:154 Resp: 299710

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

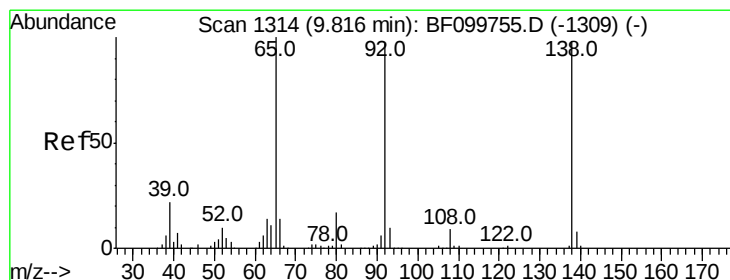
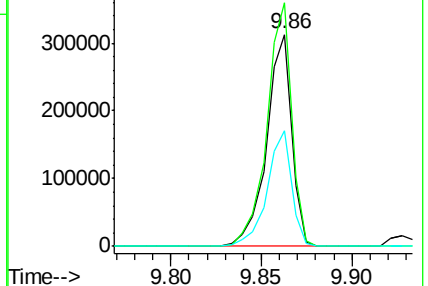
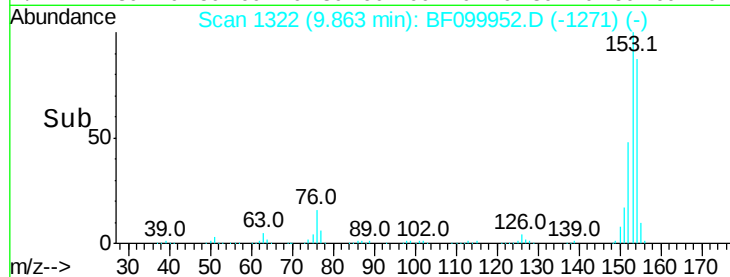
152 54.9 43.8 65.8



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: 15.575 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

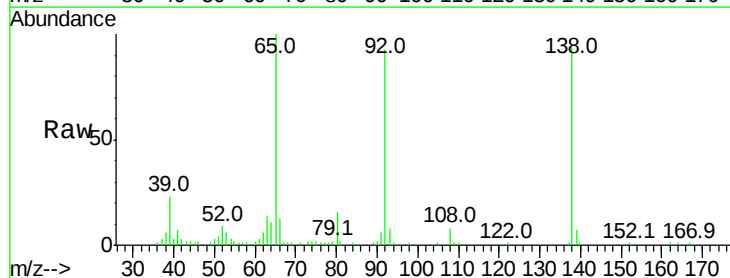
Tgt Ion:138 Resp: 55597

Ion Ratio Lower Upper

138 100

108 9.0 9.4 14.0#

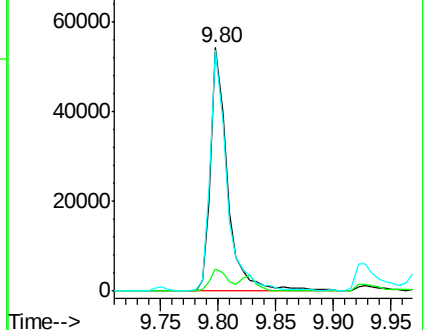
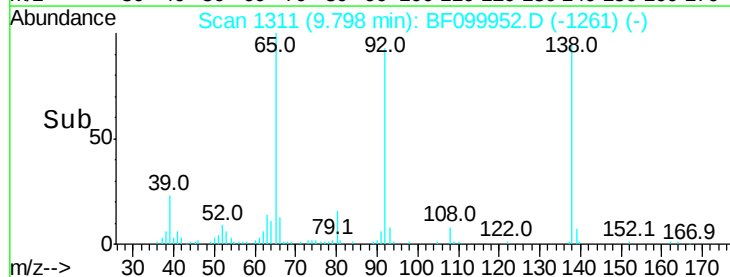
92 99.0 89.4 134.2

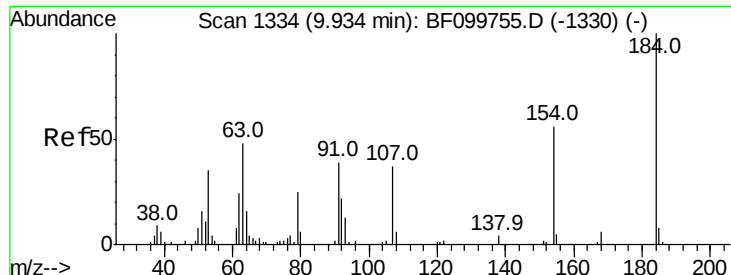


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

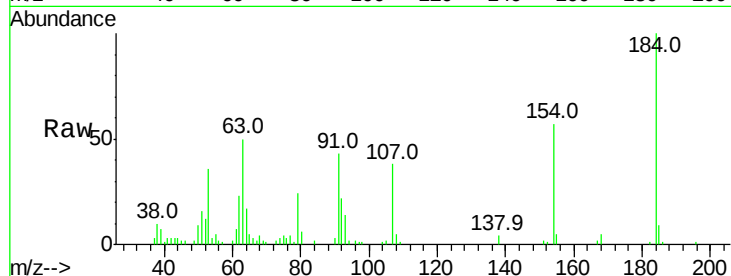




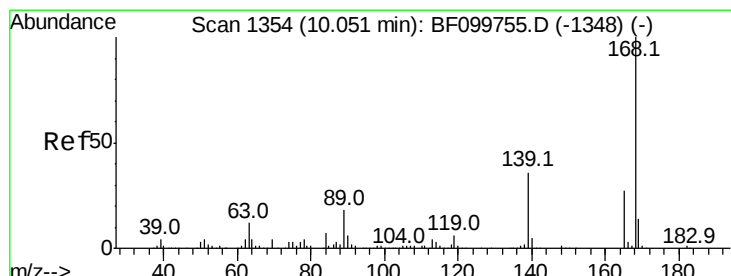
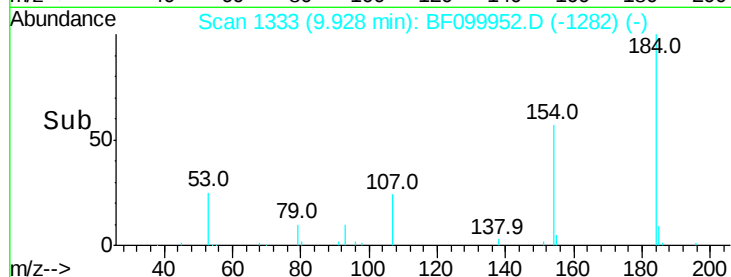
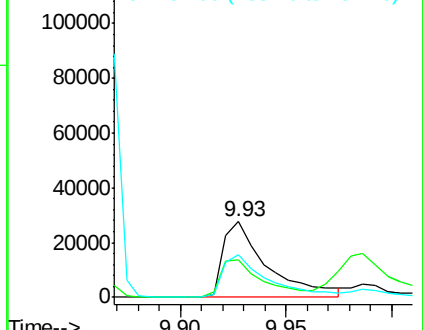
#53
2,4-Dinitrophenol
Concen: 36.735 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 39923
Ion Ratio Lower Upper
184 100
63 49.5 54.2 81.2#
154 57.2 53.5 80.3

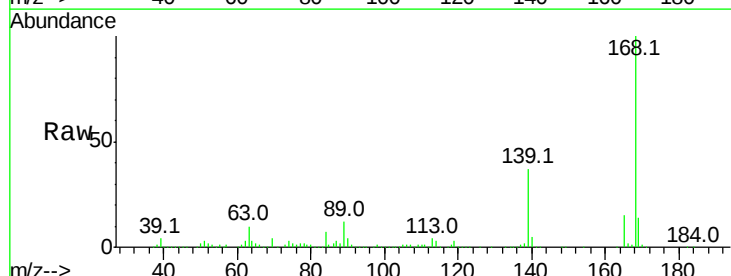


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

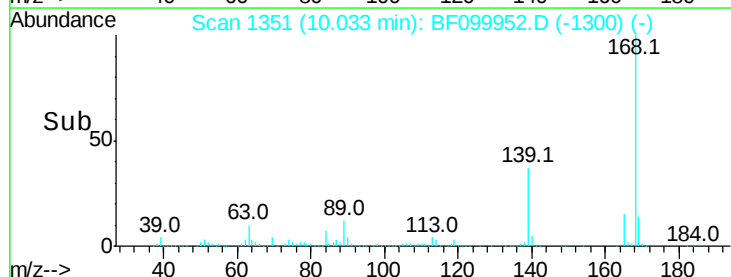
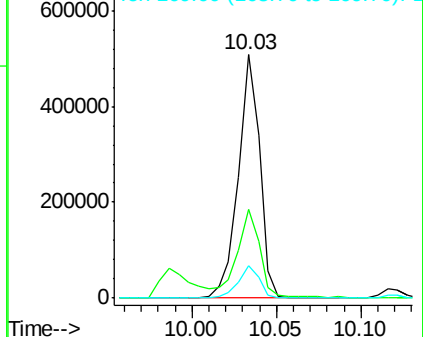


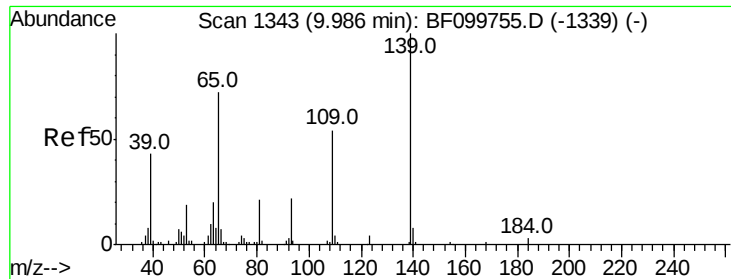
#54
Dibenzofuran
Concen: 28.196 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:168 Resp: 447808
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.6 10.9 16.3



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

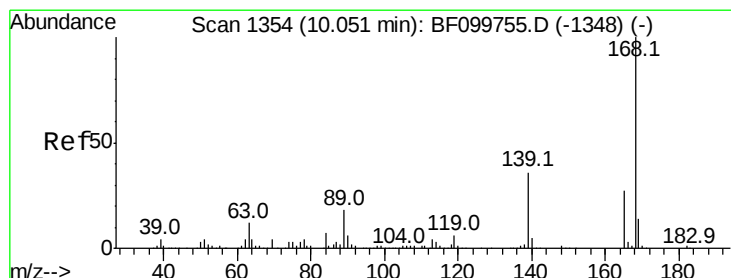
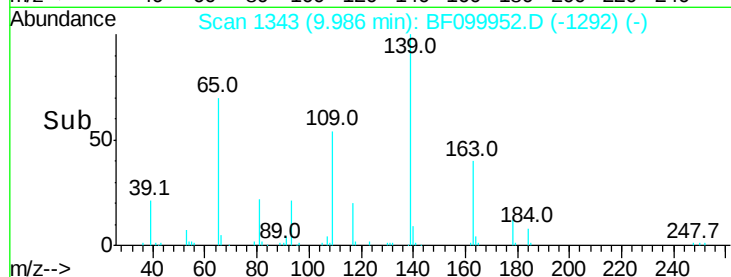
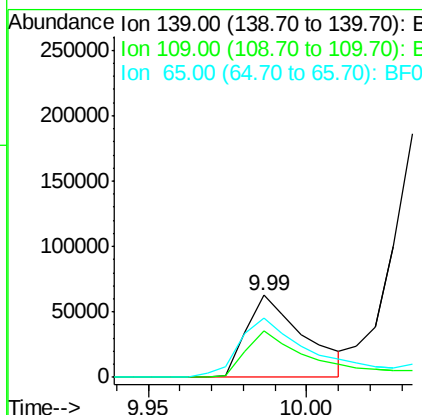
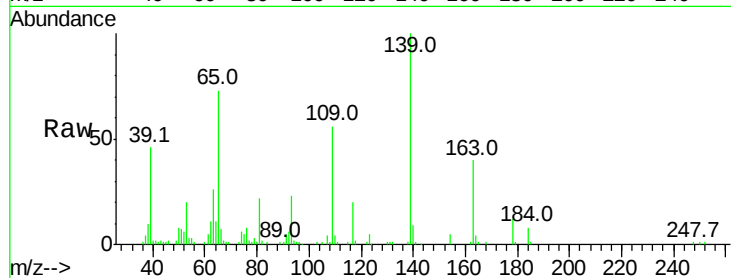




#55
4-Nitrophenol
Concen: 42.287 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

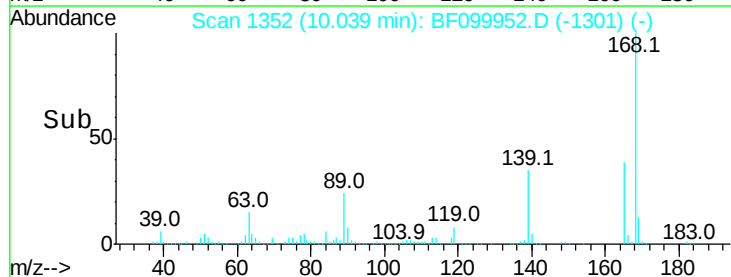
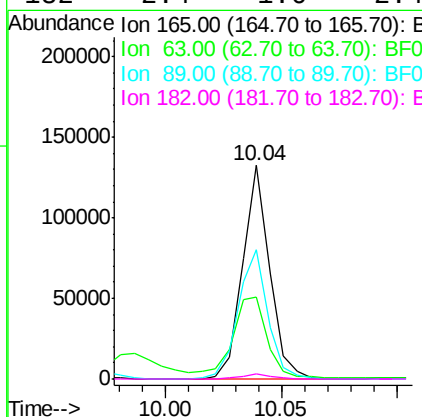
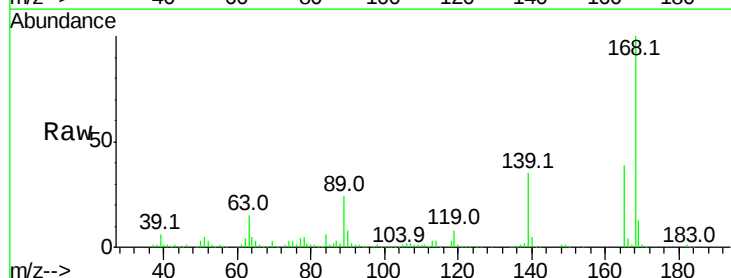
Instrument :
BNA_F
ClientSampled :

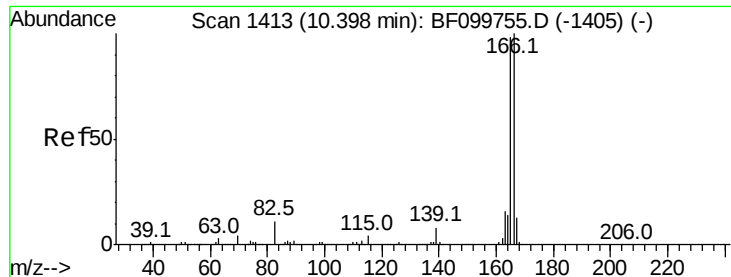
Tot Ion:139 Resp: 78871
Ion Ratio Lower Upper
139 100
109 56.1 48.4 88.4
65 73.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 29.806 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:165 Resp: 108744
Ion Ratio Lower Upper
165 100
63 38.5 36.4 54.6
89 60.8 57.8 86.6
182 2.4 1.6 2.4

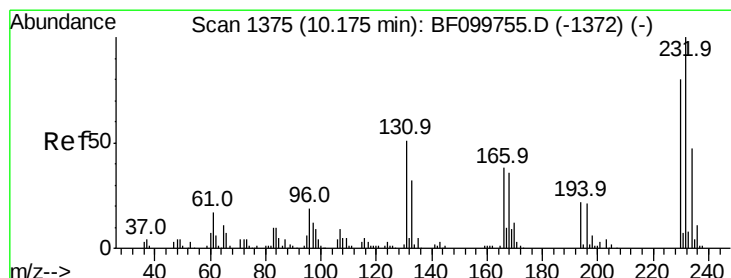
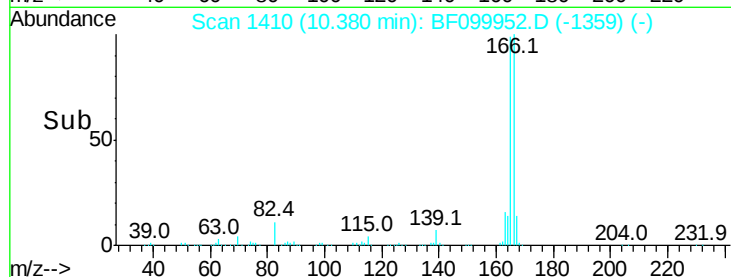
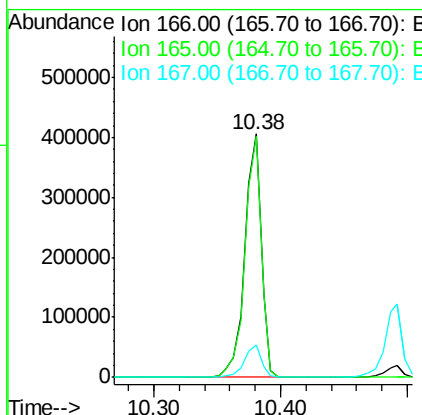
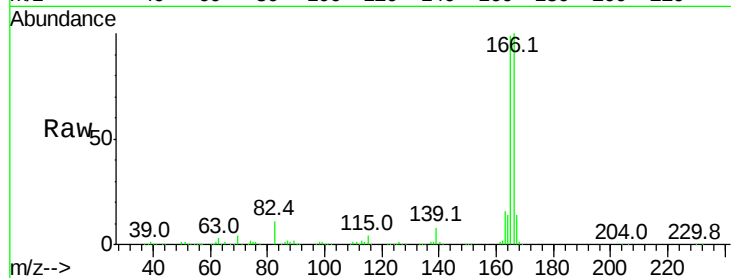




#57
 Fluorene
 Concen: 27.700 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

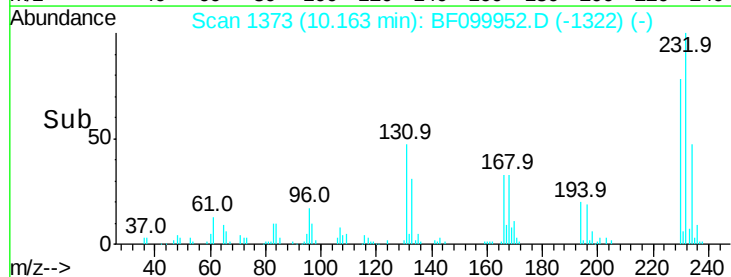
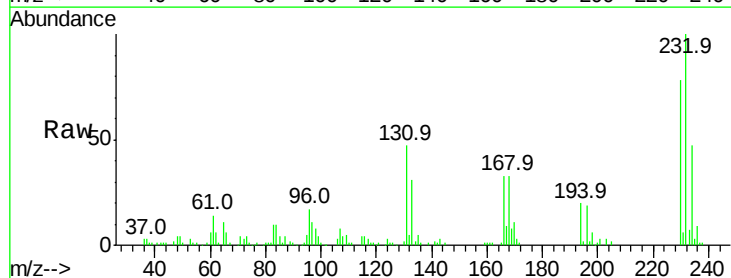
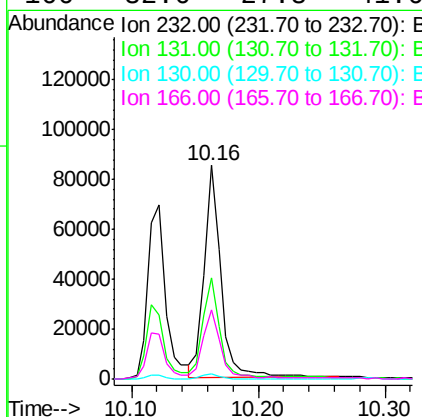
Instrument :
 BNA_F
 ClientSampleId :

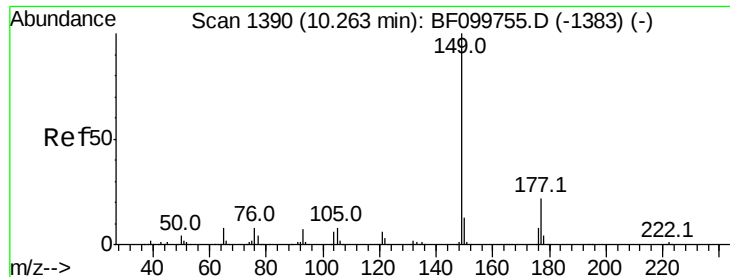
Tot Ion:166 Resp: 364257
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.122 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:232 Resp: 79677
 Ion Ratio Lower Upper
 232 100
 131 46.8 43.8 65.8
 130 2.2 2.1 3.1
 166 32.6 27.8 41.6





#59

Diethylphthalate

Concen: 27.181 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

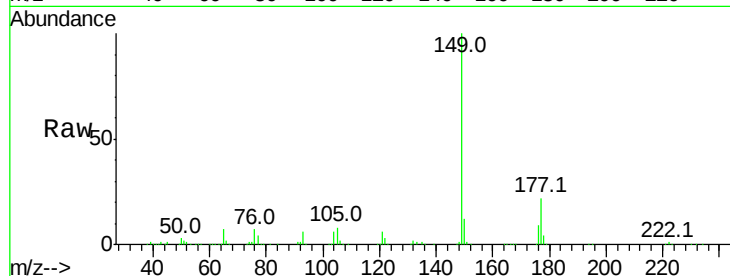
Tot Ion:149 Resp: 382520

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

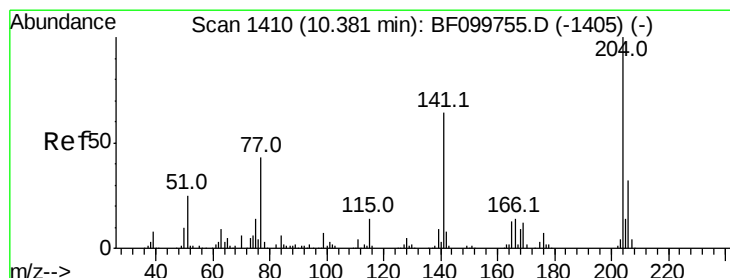
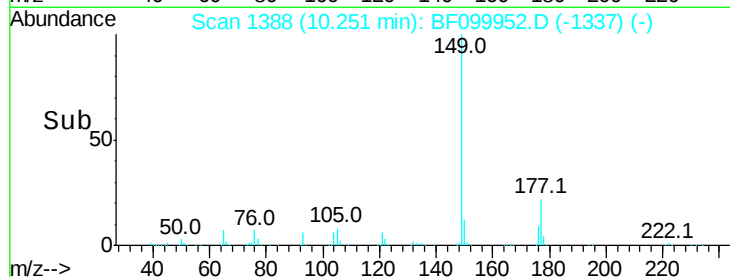
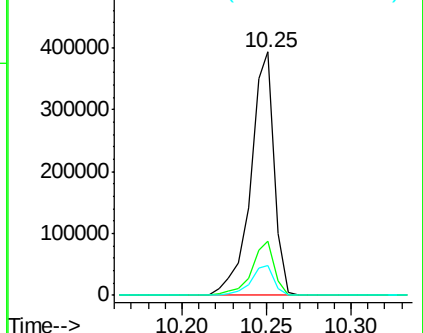
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 27.531 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

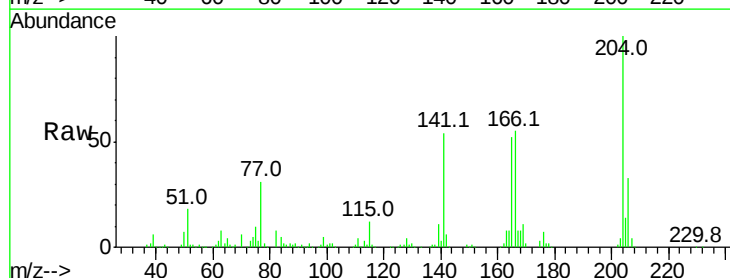
Tgt Ion:204 Resp: 170381

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

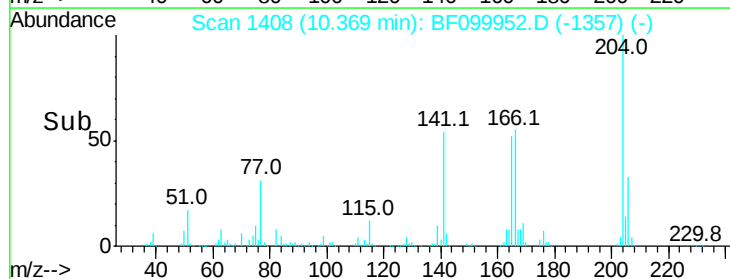
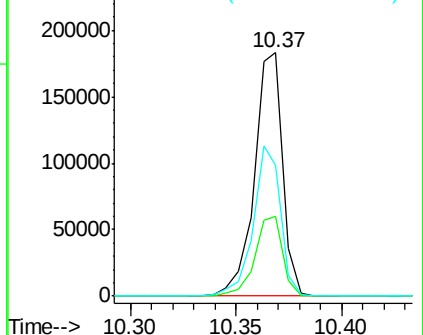
141 53.9 54.6 81.8#

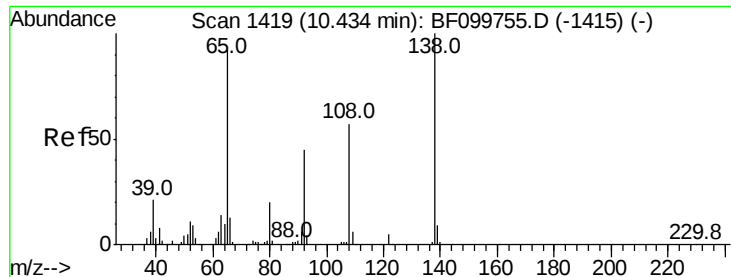


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

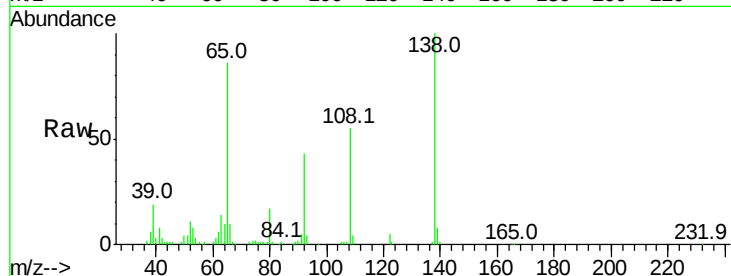




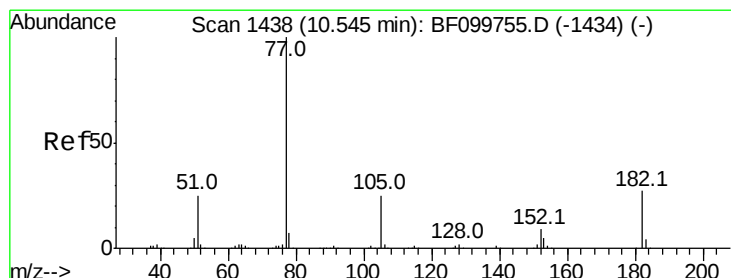
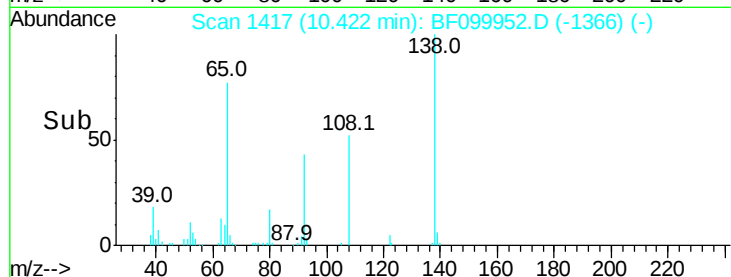
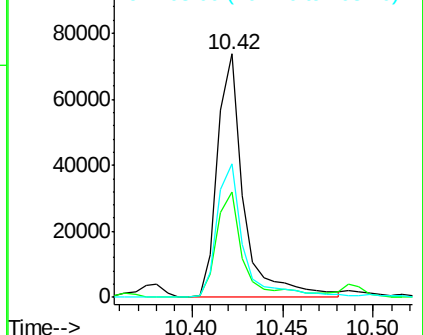
#61
4-Nitroaniline
Concen: 21.867 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 74472
Ion Ratio Lower Upper
138 100
92 43.1 30.2 70.2
108 55.0 52.5 92.5

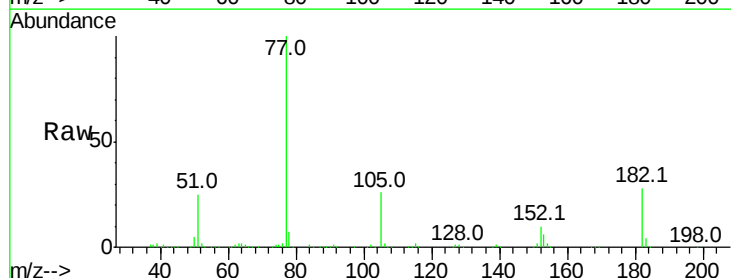


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

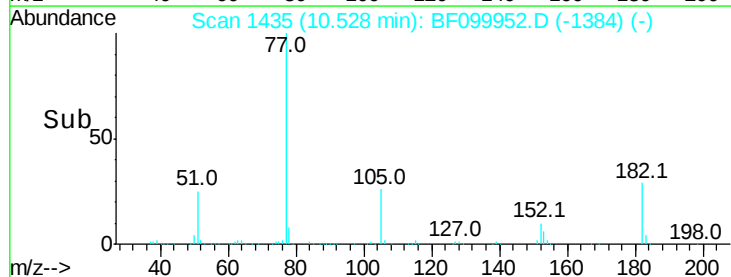
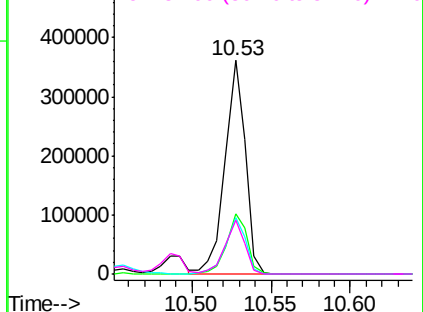


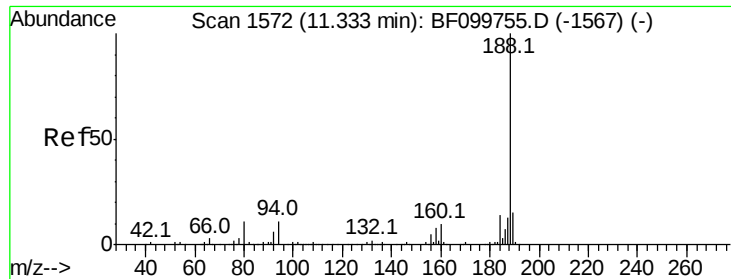
#62
Azobenzene
Concen: 27.292 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion: 77 Resp: 321960
Ion Ratio Lower Upper
77 100
182 28.4 1.7 41.7
105 26.3 3.0 43.0
51 25.0 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

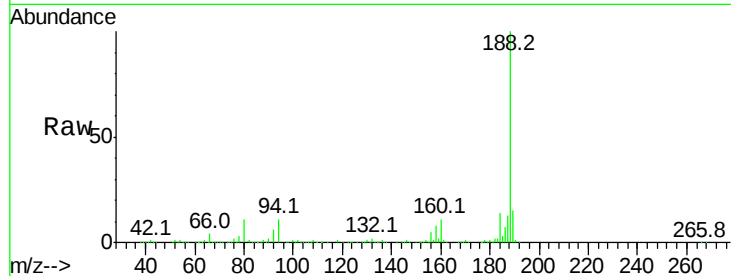




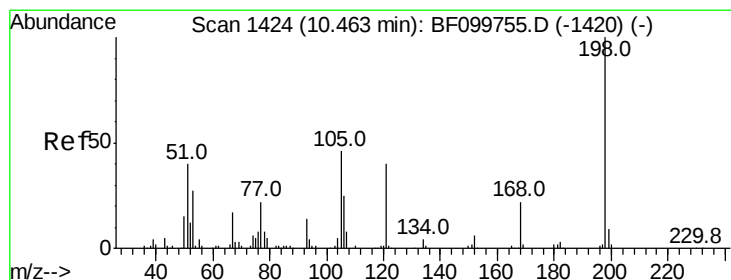
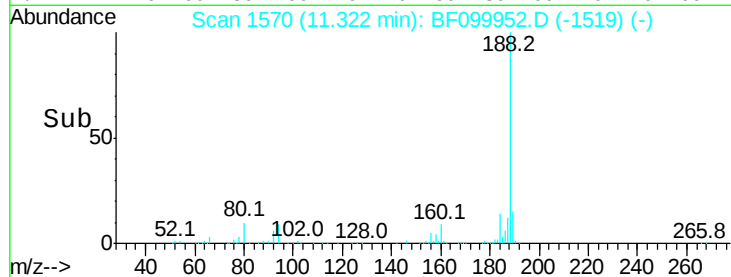
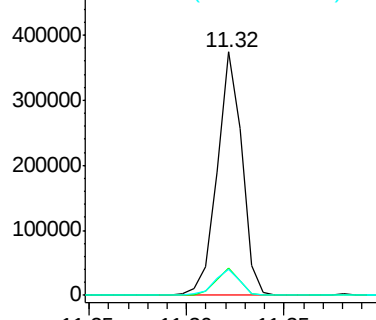
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 328139
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 10.8 9.2 13.8

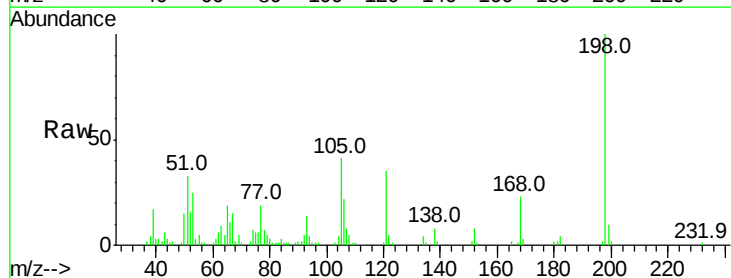


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

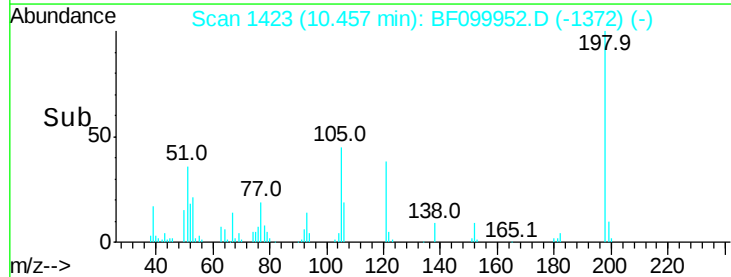
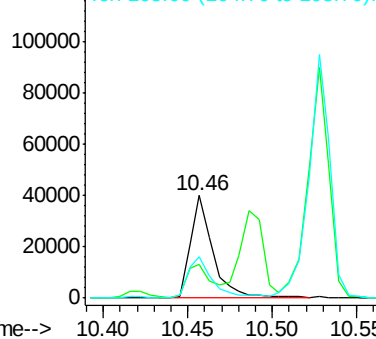


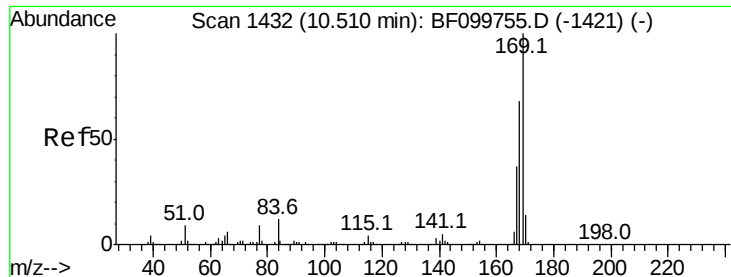
#64
4,6-Dinitro-2-methylphenol
Concen: 18.063 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:198 Resp: 37258
Ion Ratio Lower Upper
198 100
51 32.9 37.7 77.7#
105 40.6 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

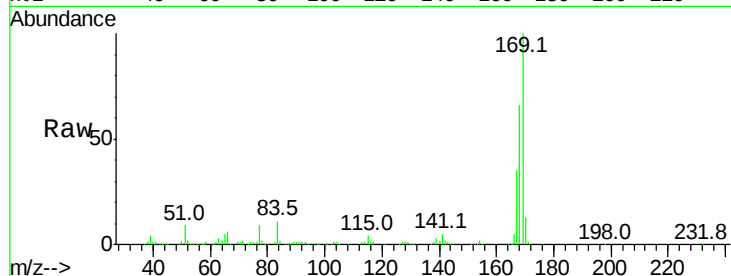




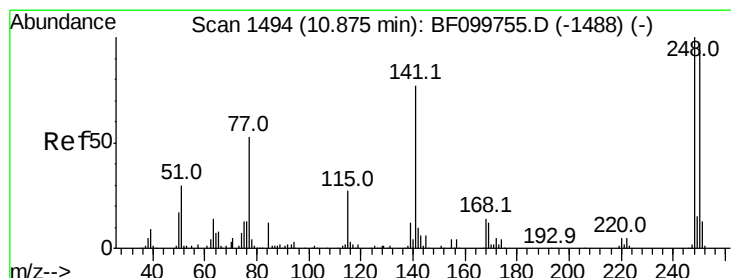
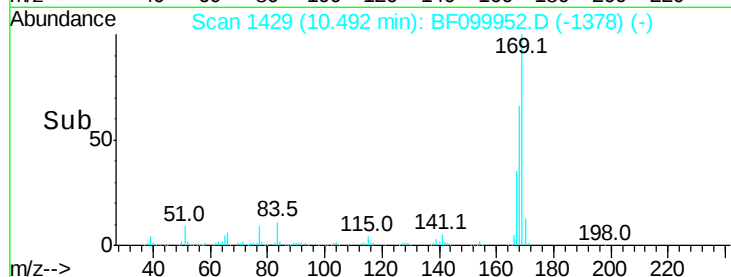
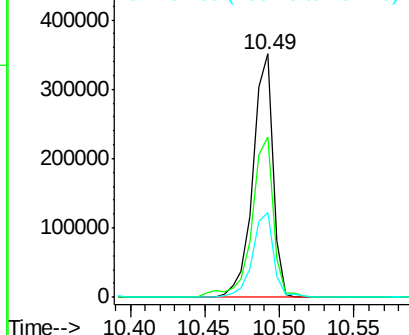
#65
n-Nitrosodiphenylamine
Concen: 26.962 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 326588
Ion Ratio Lower Upper
169 100
168 66.1 54.4 81.6
167 34.8 29.8 44.6

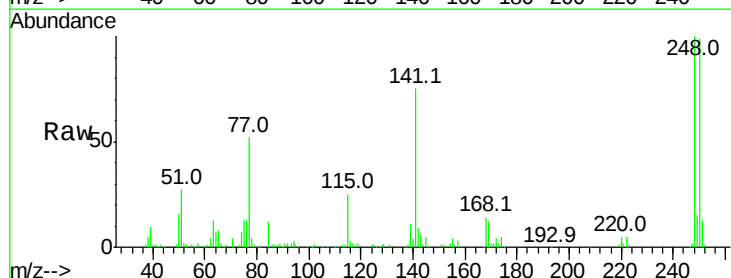


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

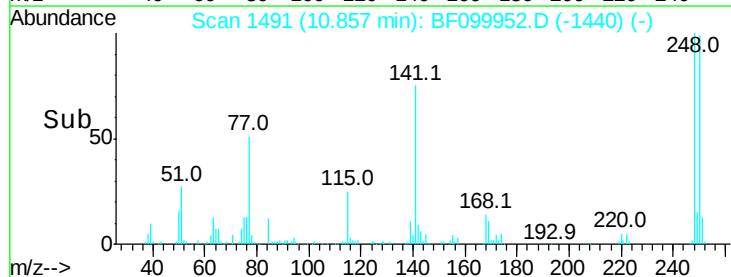
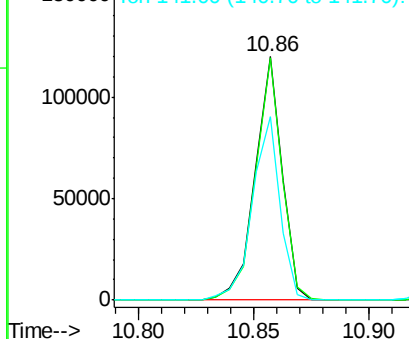


#66
4-Bromophenyl-phenylether
Concen: 28.396 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:248 Resp: 98093
Ion Ratio Lower Upper
248 100
250 99.4 76.9 115.3
141 75.2 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: 28.118 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampled :

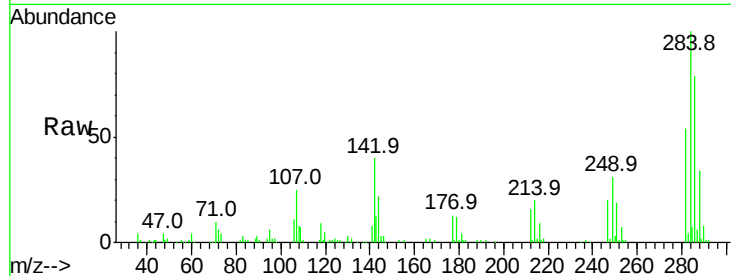
Tot Ion:284 Resp: 99372

Ion Ratio Lower Upper

284 100

142 40.0 34.6 52.0

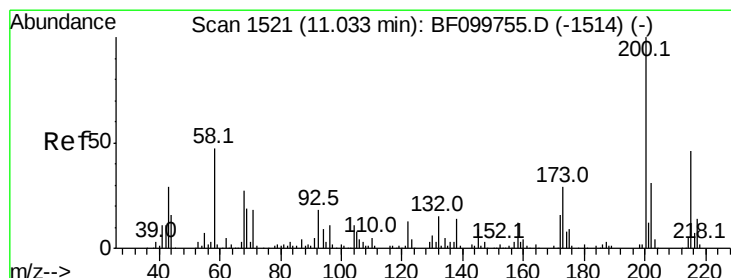
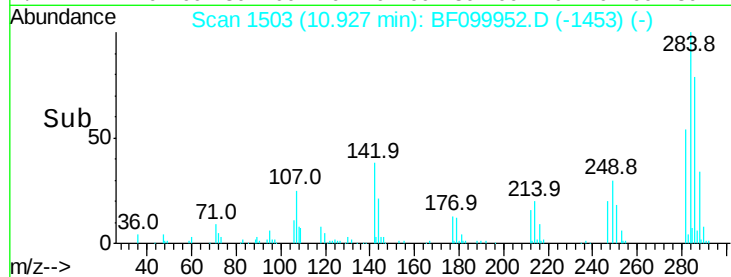
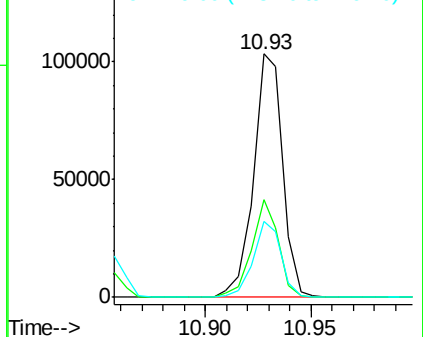
249 31.3 24.8 37.2



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: 27.559 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

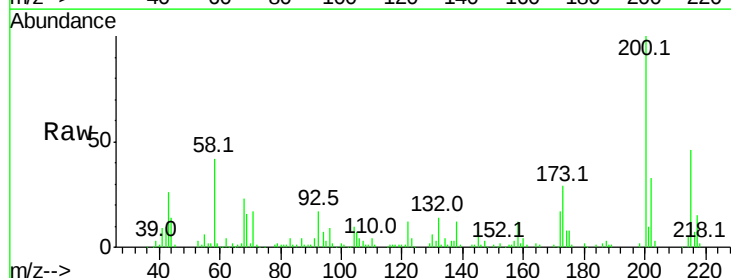
Tgt Ion:200 Resp: 100277

Ion Ratio Lower Upper

200 100

173 29.3 8.6 48.6

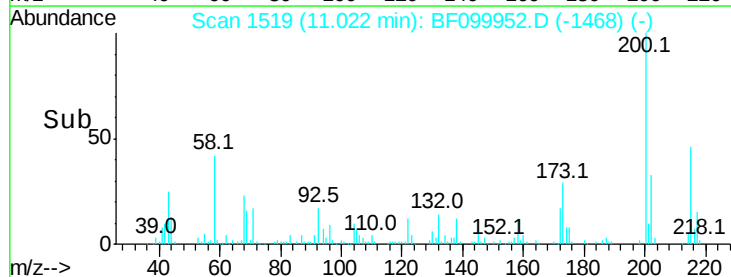
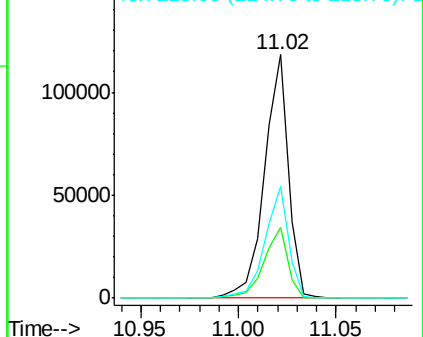
215 45.9 25.1 65.1



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

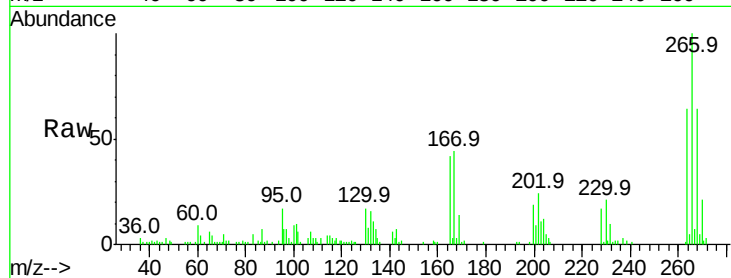




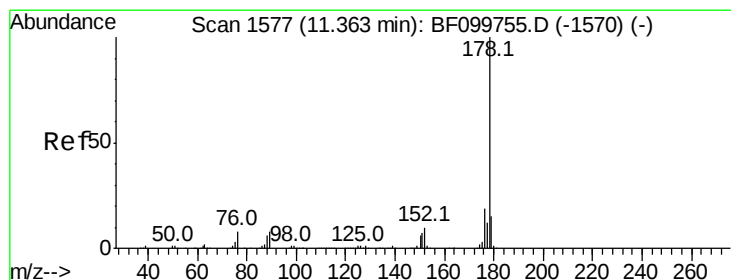
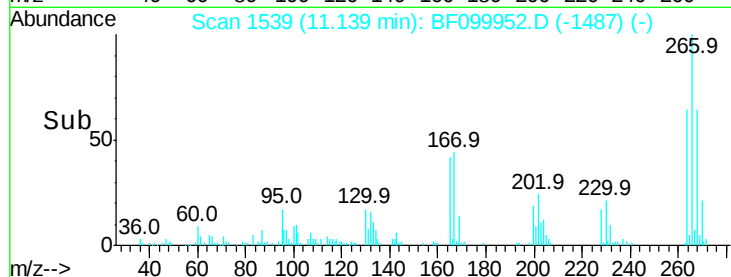
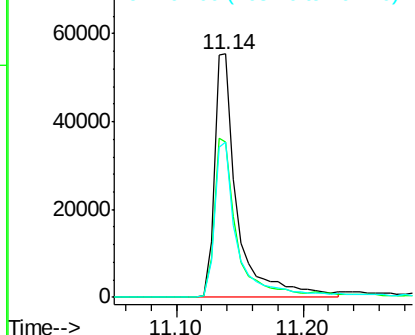
#69
 Pentachlorophenol
 Concen: 46.881 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 70797
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 63.9 49.5 74.3

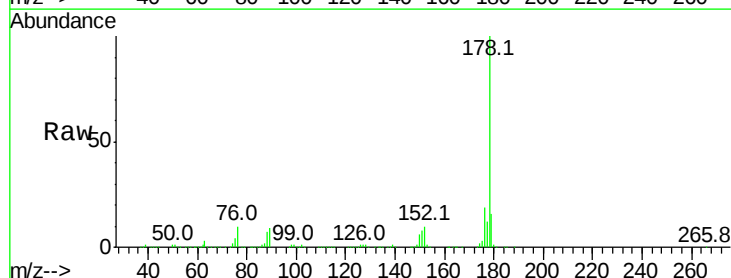


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

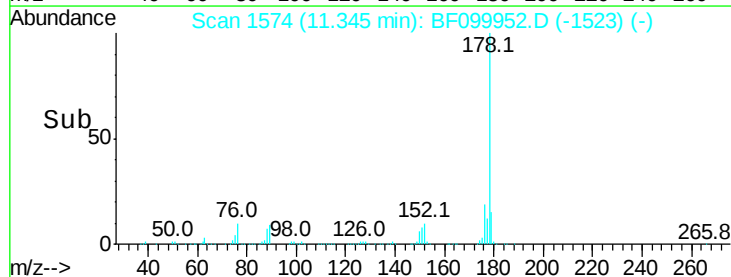
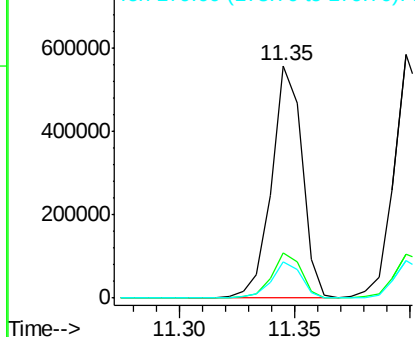


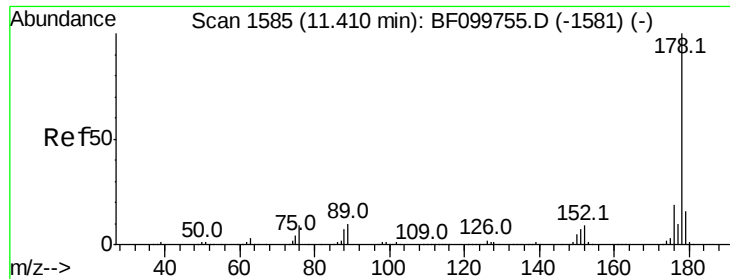
#70
 Phenanthrene
 Concen: 27.643 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:178 Resp: 511902
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.8 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

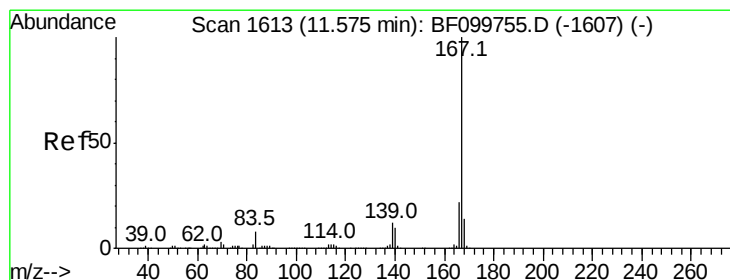
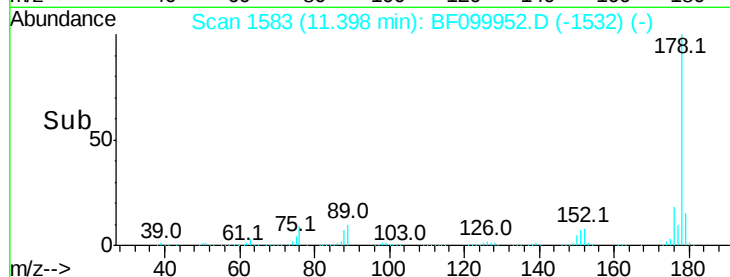
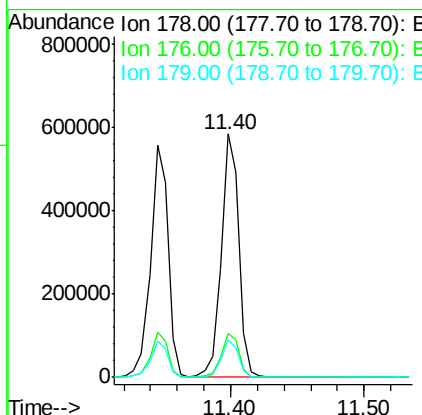
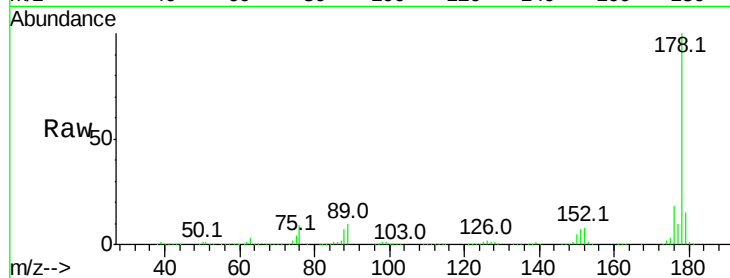




#71
 Anthracene
 Concen: 28.834 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

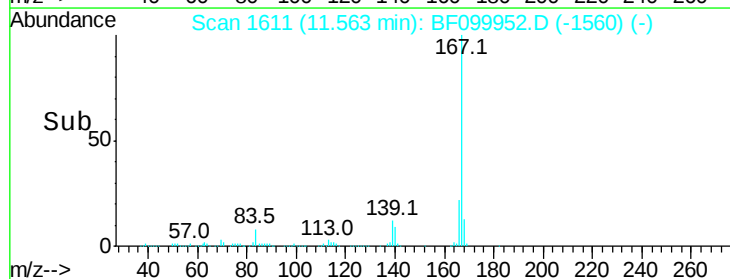
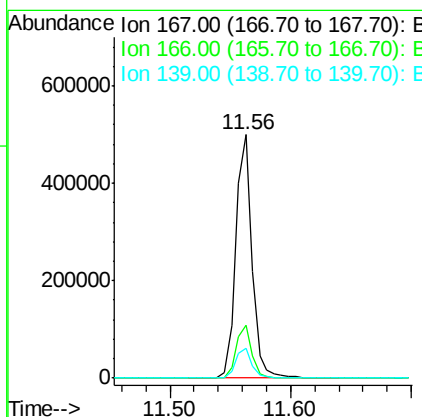
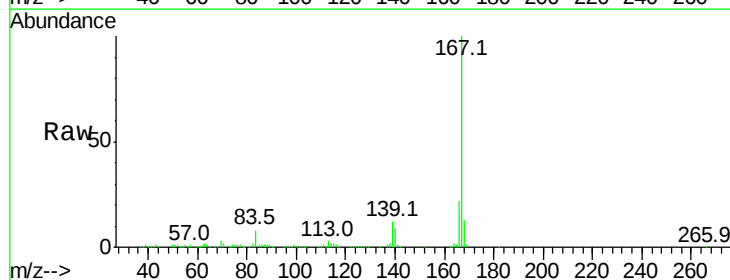
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 542002
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 26.595 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:167 Resp: 470112
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 27.579 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

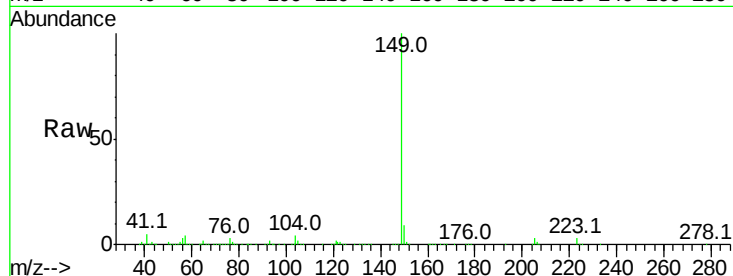
Tot Ion:149 Resp: 621810

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

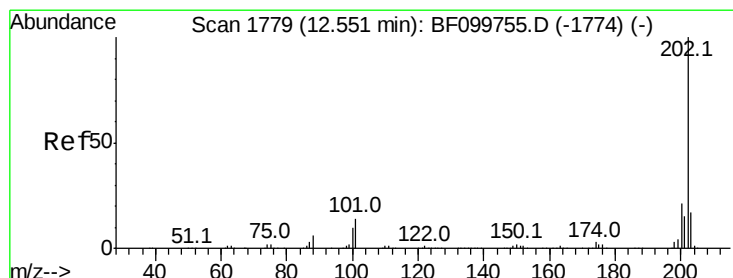
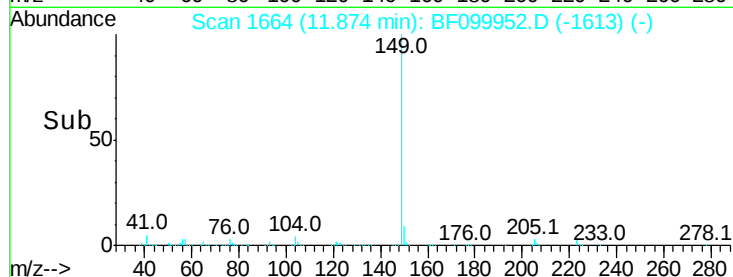
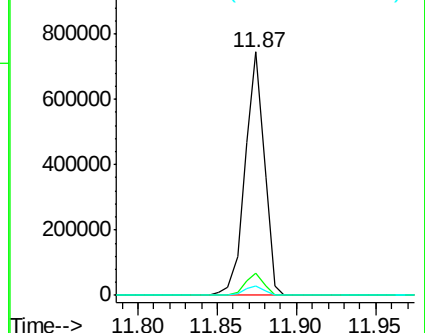
104 3.9 3.8 5.8



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: 27.170 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

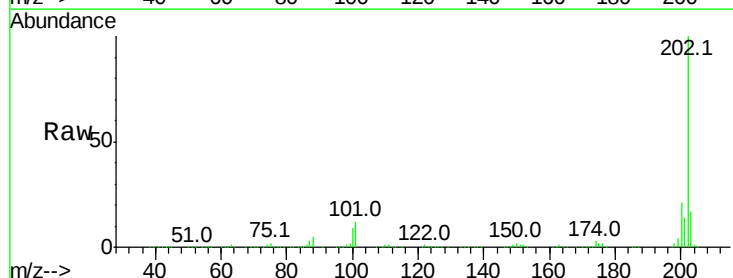
Tgt Ion:202 Resp: 522877

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

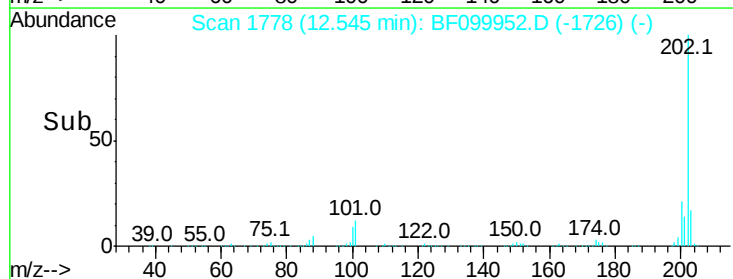
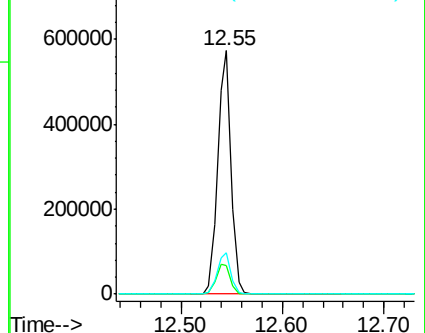
203 17.2 0.0 38.1

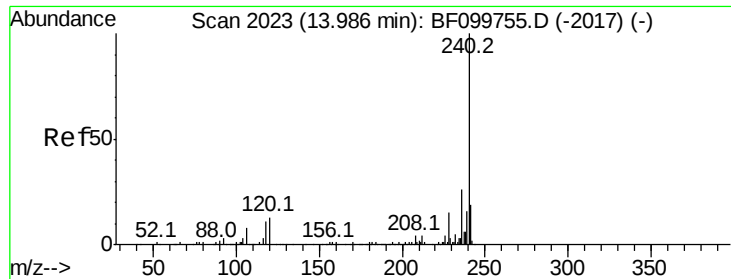


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

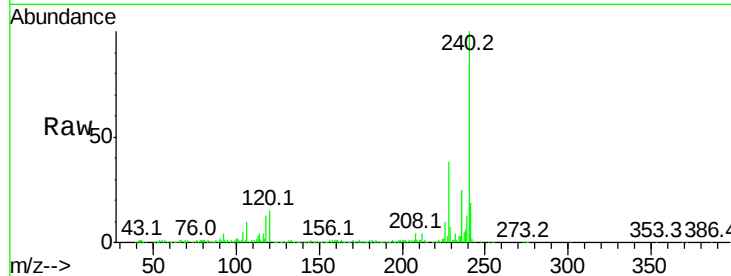
Tot Ion:240 Resp: 234496

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

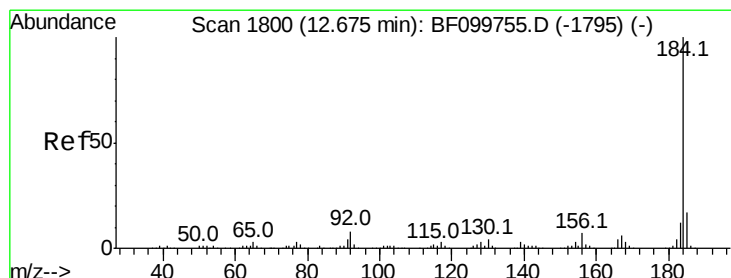
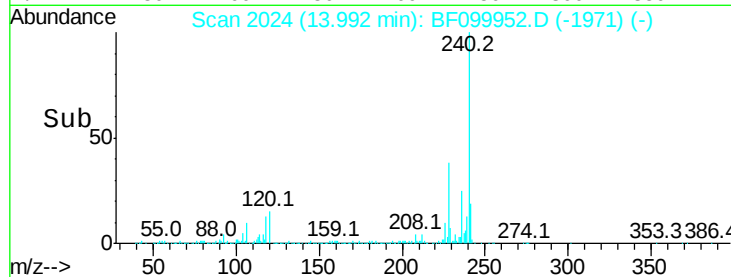
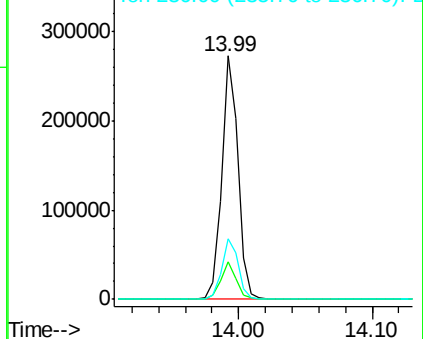
236 24.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.306 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

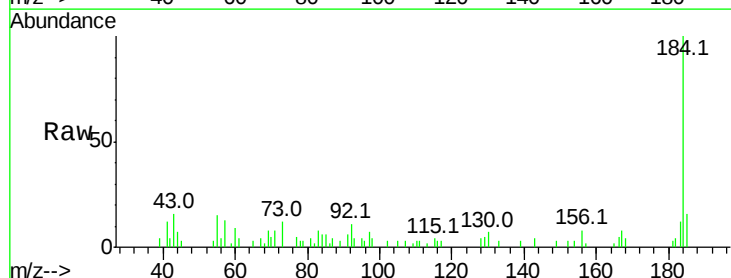
Tgt Ion:184 Resp: 23666

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

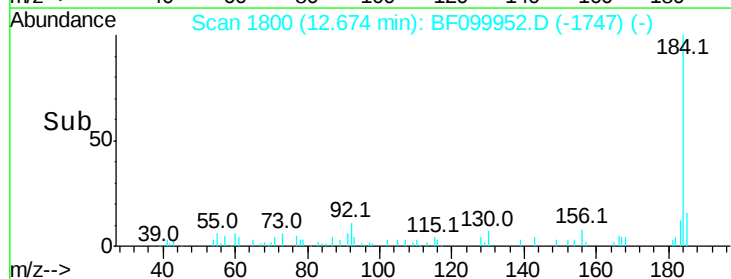
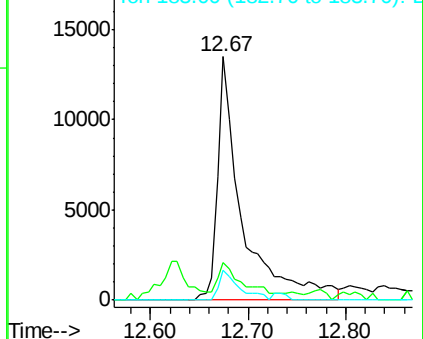
183 12.2 9.3 13.9

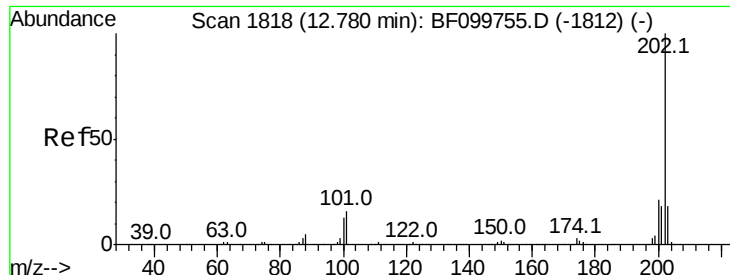


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

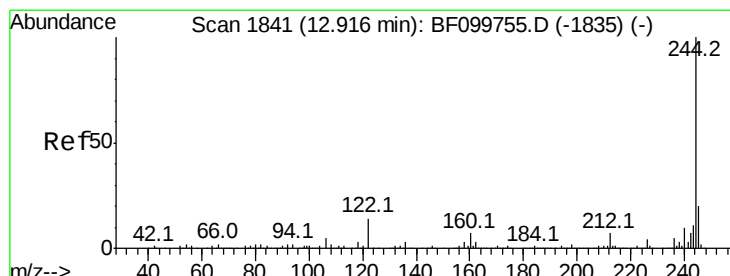
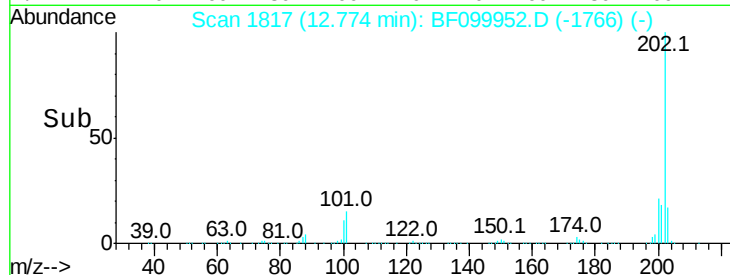
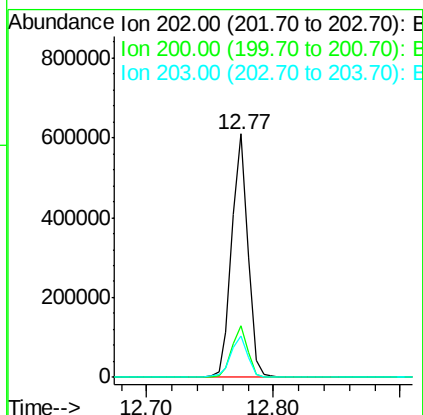
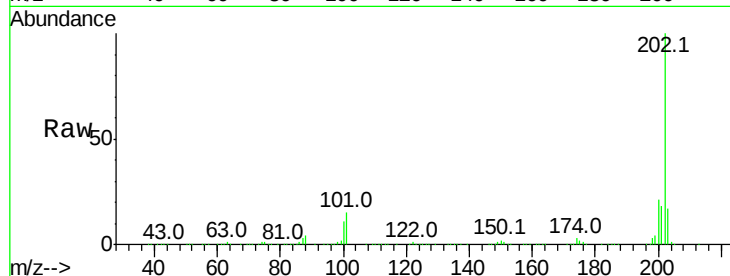




#77
Pvrene
Concen: 29.892 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

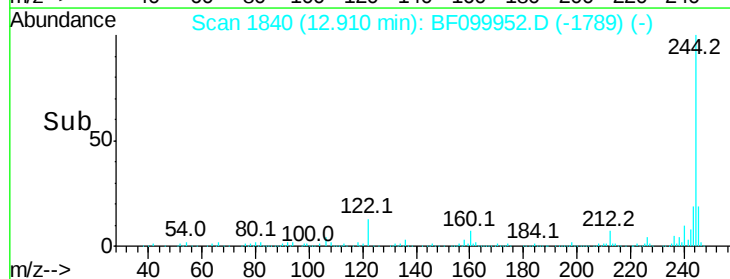
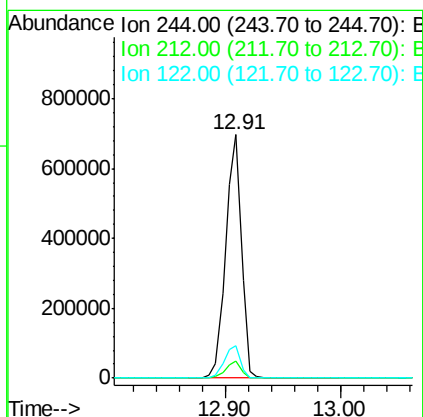
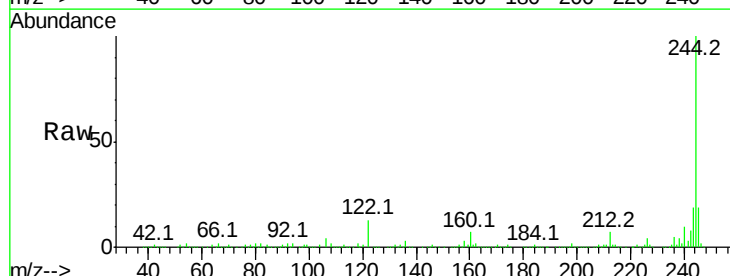
Instrument :
BNA_F
ClientSampleId :

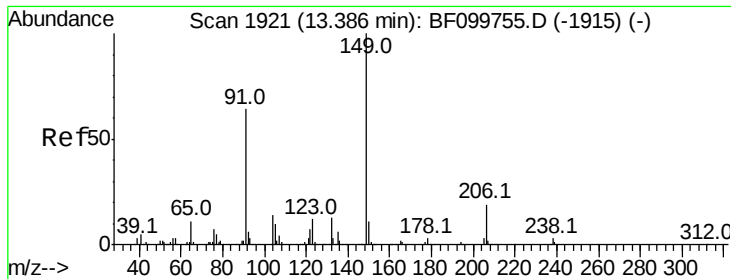
Tot Ion:202 Resp: 532998
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.1 14.3 21.5



#78
Terphenyl-d14
Concen: 60.914 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:244 Resp: 653627
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.1 11.0 16.4

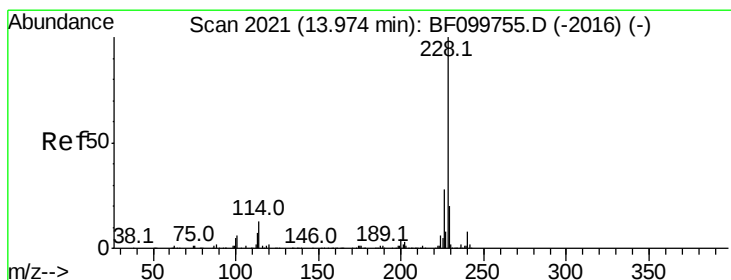
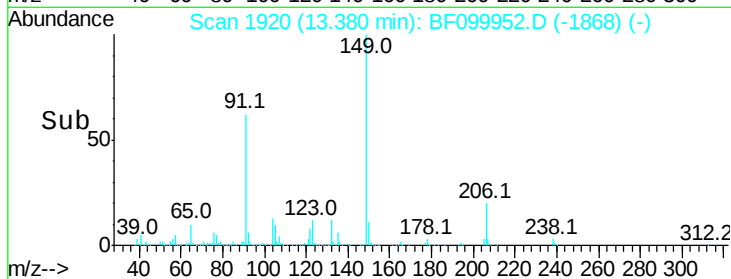
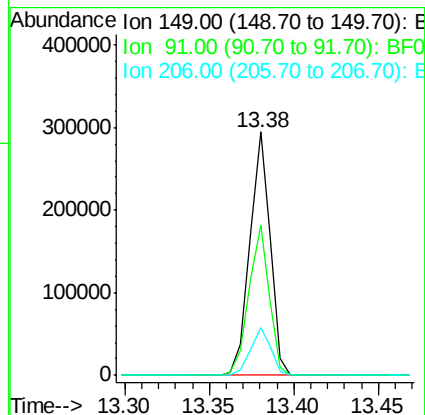
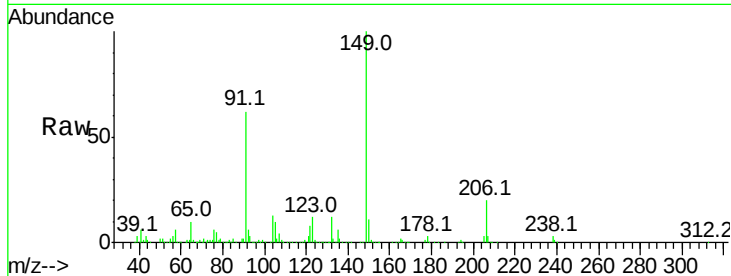




#79
Butylbenzylphthalate
Concen: 28.413 ng
RT: 13.38 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

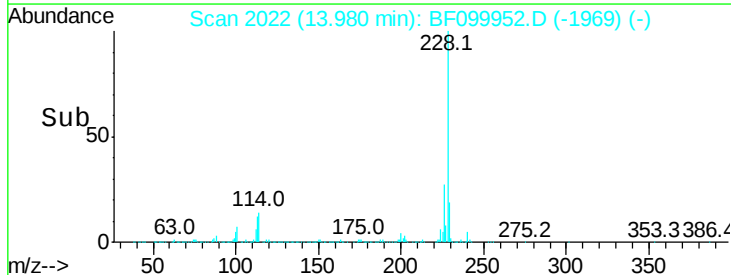
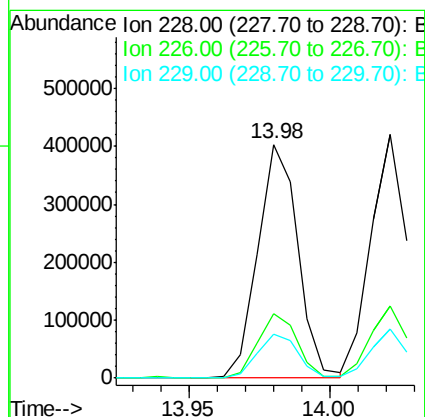
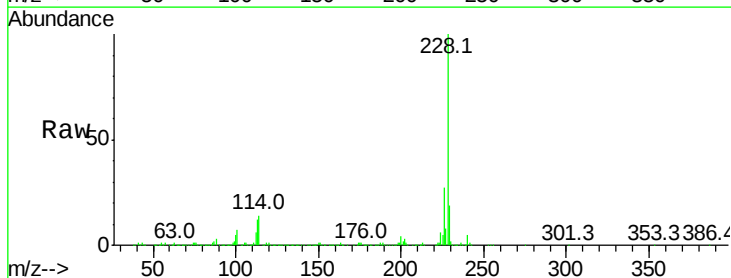
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.9	56.8	85.2
206	19.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 26.713 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.1	15.8	23.6

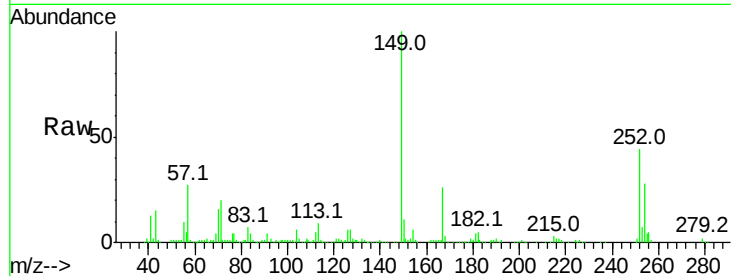




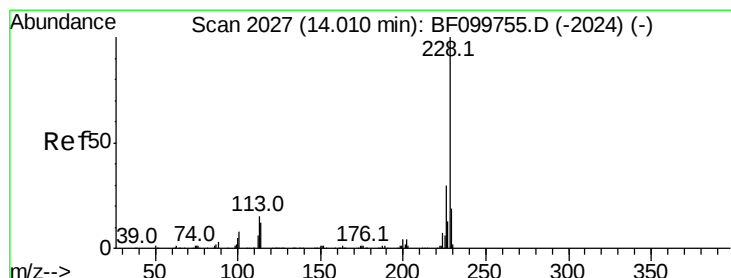
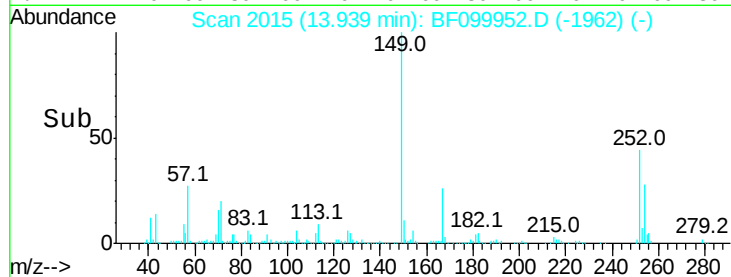
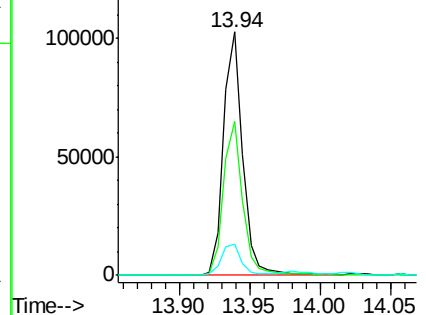
#81
 3,3'-Dichlorobenzidine
 Concen: 18.190 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 98153
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 12.9 11.3 16.9

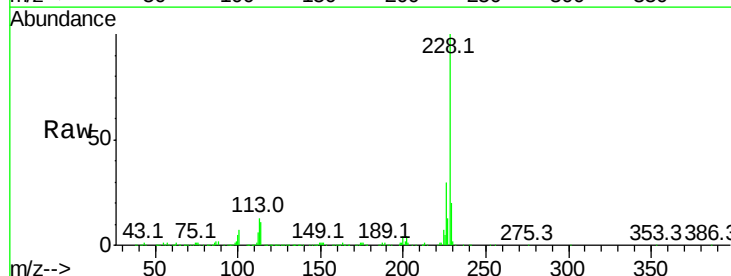


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

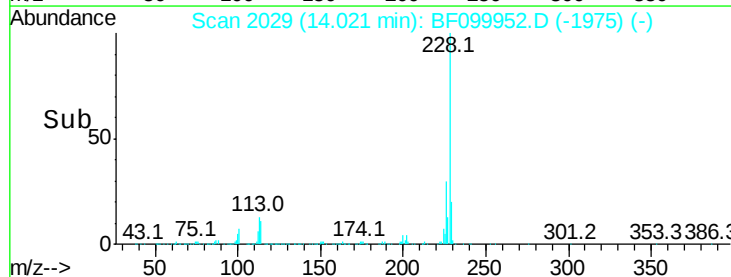
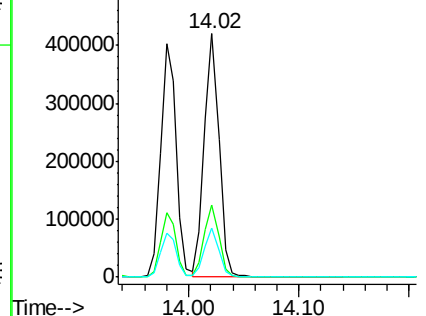


#82
 Chrysene
 Concen: 27.364 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.02 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion:228 Resp: 382422
 Ion Ratio Lower Upper
 228 100
 226 29.6 25.0 37.6
 229 19.9 16.2 24.4



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

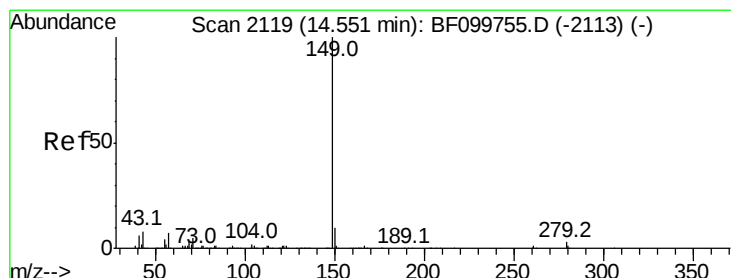
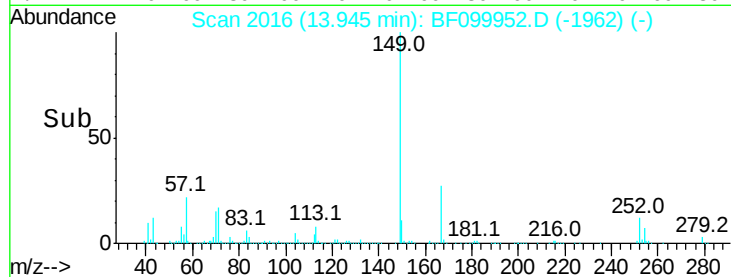
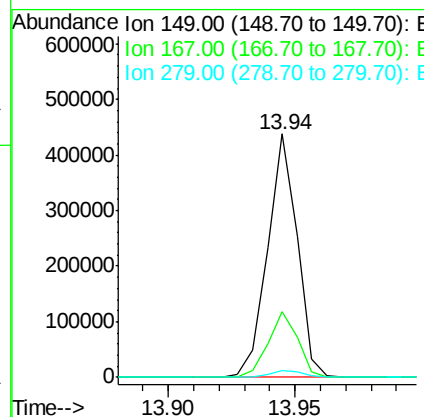
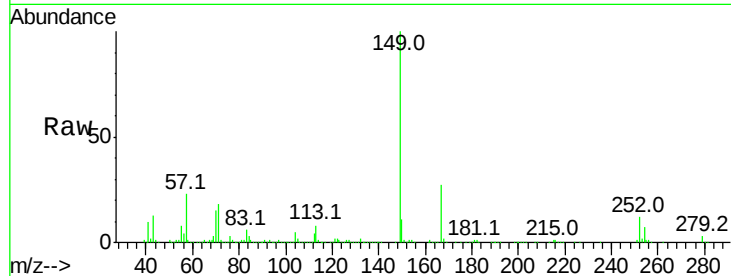




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.917 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.02 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

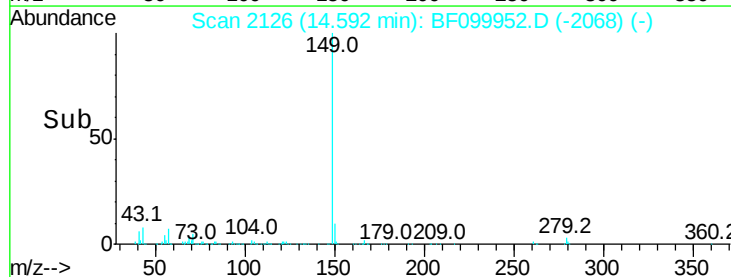
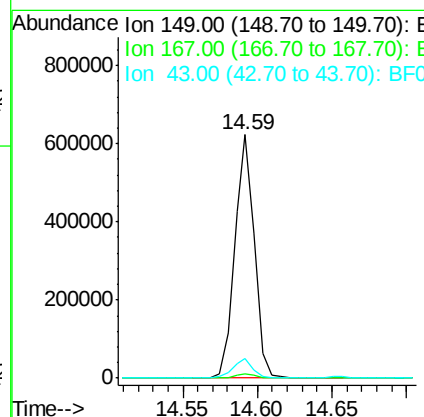
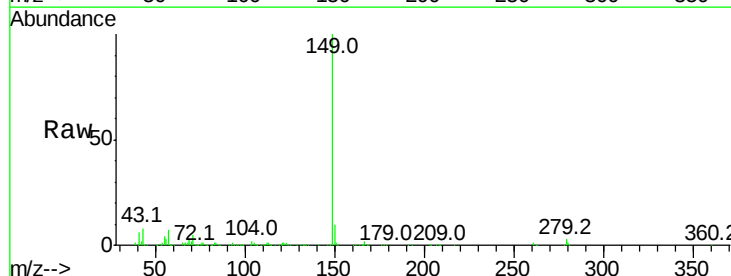
Instrument :
 BNA_F
 ClientSampleId :

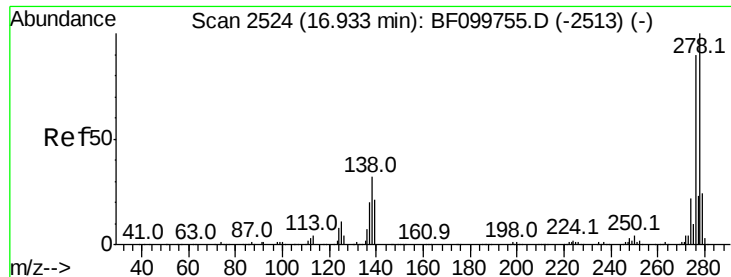
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 27.125 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.04 min
 Lab File: BF099952.D
 Acq: 30 Oct 2017 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	7.6	8.4	12.6#

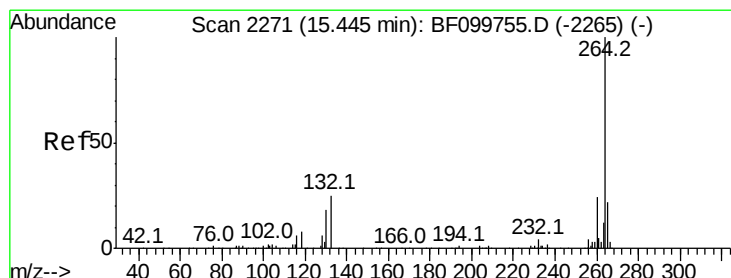
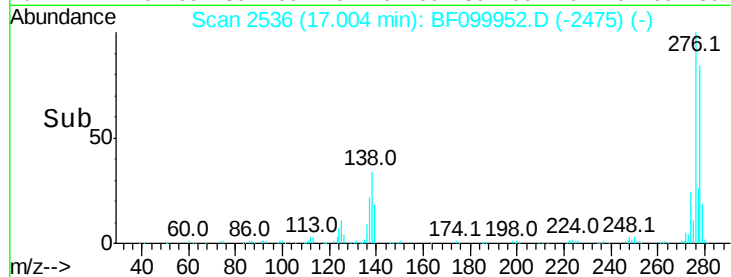
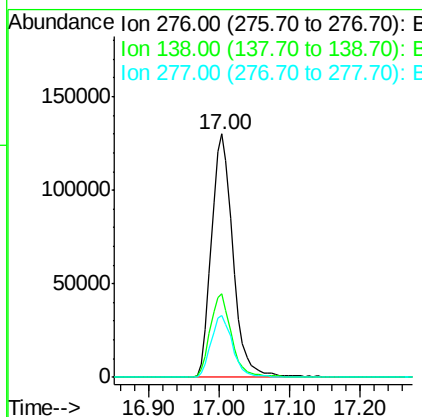
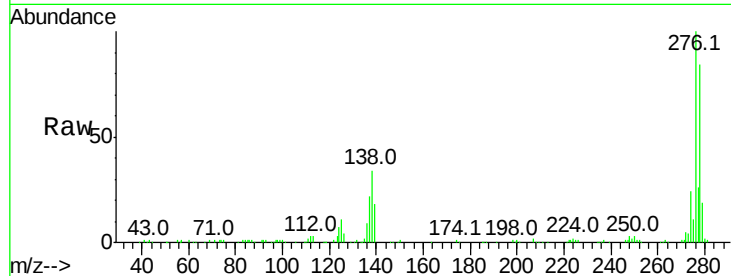




#85
Indeno(1,2,3-cd)pyrene
Concen: 21.523 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.06 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

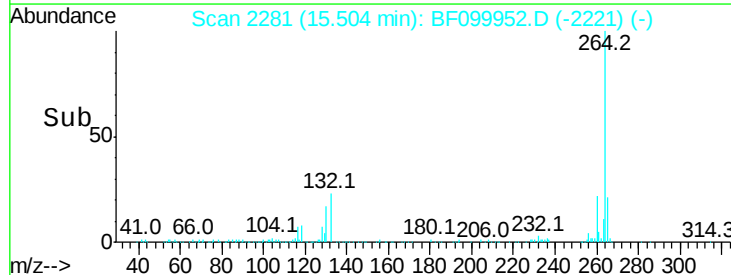
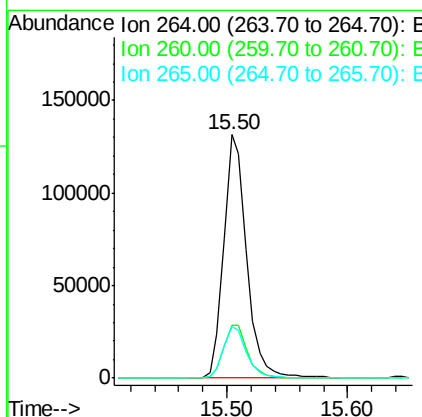
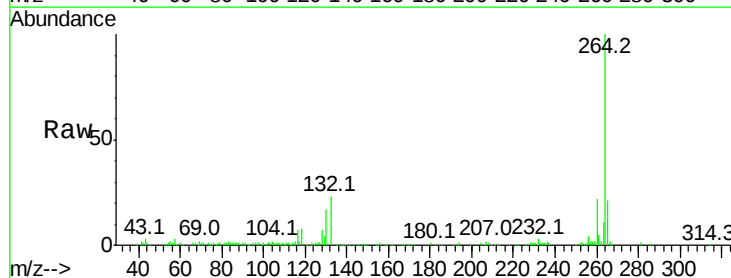
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 276130
Ion Ratio Lower Upper
276 100
138 34.2 25.0 37.6
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.05 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:264 Resp: 172280
Ion Ratio Lower Upper
264 100
260 21.9 19.2 28.8
265 21.1 17.5 26.3

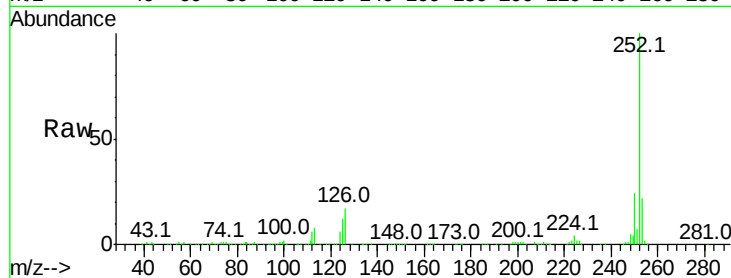




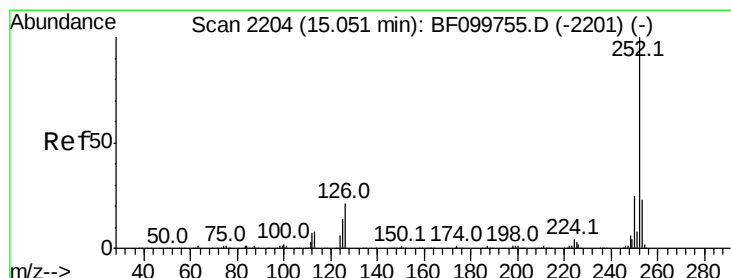
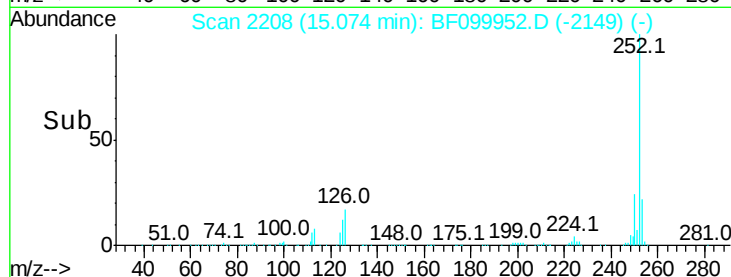
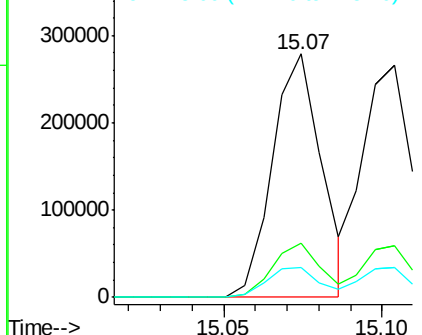
#87
Benzo(b)fluoranthene
Concen: 27.674 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.05 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 301056
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.3 9.0 13.6

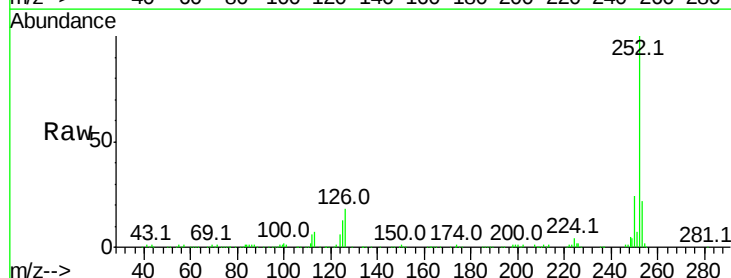


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

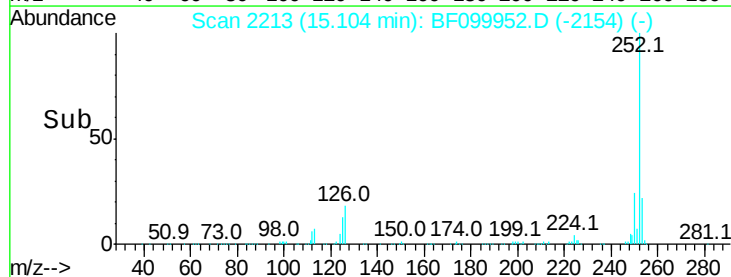
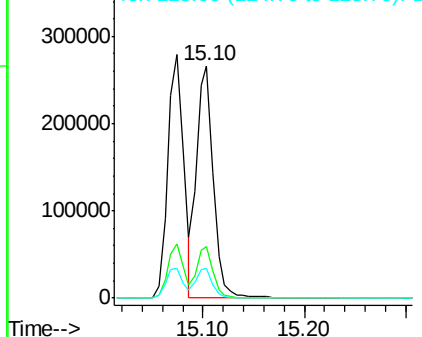


#88
Benzo(k)fluoranthene
Concen: 29.719 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.05 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:252 Resp: 304859
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.7 10.2 15.2



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

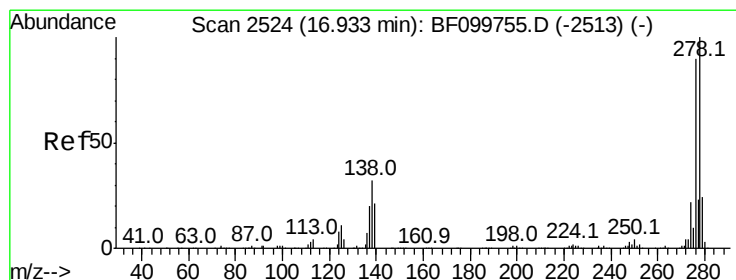
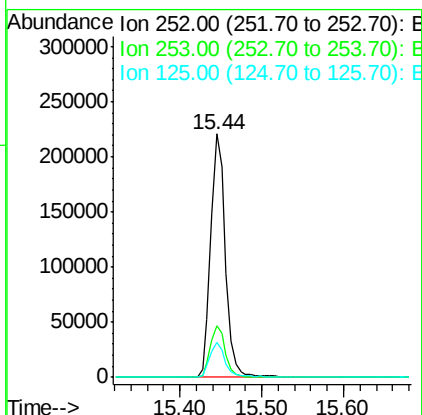
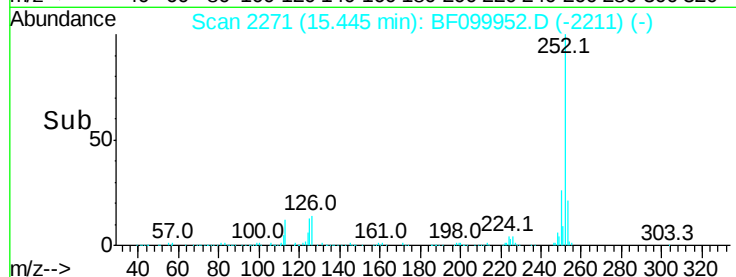
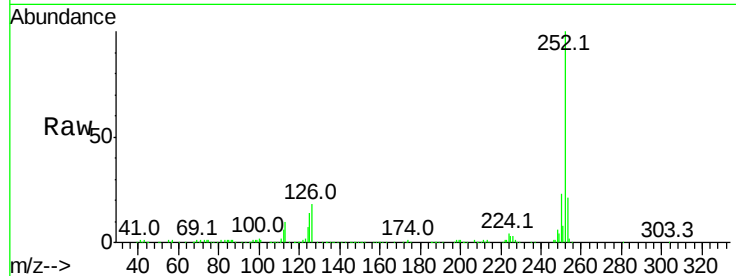




#89
Benzo(a)pyrene
Concen: 28.398 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.05 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

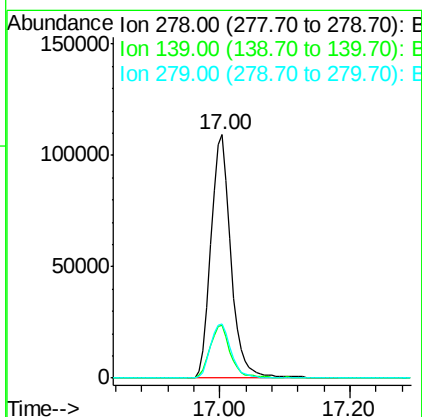
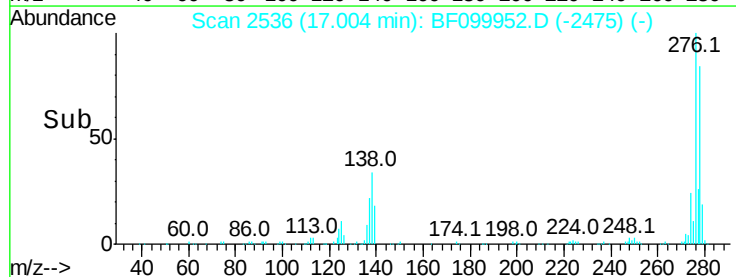
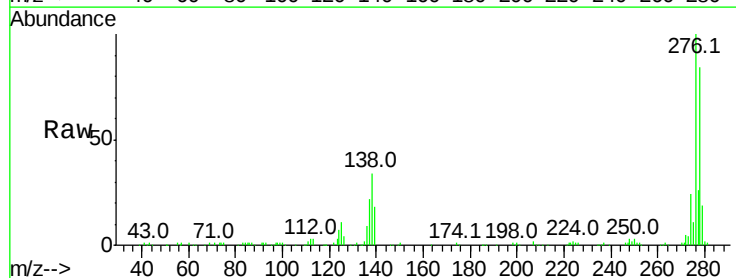
Instrument :
BNA_F
ClientSampleId :

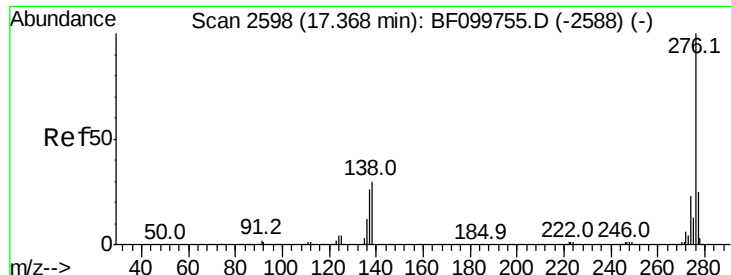
Tot Ion:252 Resp: 277504
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 14.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 26.870 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.06 min
Lab File: BF099952.D
Acq: 30 Oct 2017 12:08

Tgt Ion:278 Resp: 233315
Ion Ratio Lower Upper
278 100
139 21.6 15.9 23.9
279 22.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 28.118 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.06 min

Lab File: BF099952.D

Acq: 30 Oct 2017 12:08

Instrument :

BNA_F

ClientSampleId :

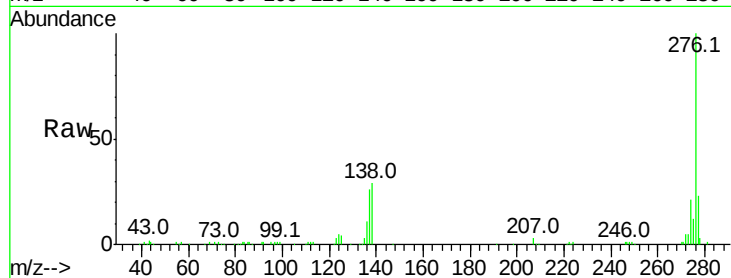
Tot Ion:276 Resp: 238869

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 29.5 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

