

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099920.D
 Acq On : 28 Oct 2017 16:35
 Operator : SJ/JU
 Sample : I6077-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:57:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94004	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	390264	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	174824	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	271897	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	161624	20.00	ng	-0.03
86) Perylene-d12	15.43	264	178775	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	434689	72.60	ng	0.00
7) Phenol-d6	6.43	99	511170	72.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	291454	48.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	97650	61.29	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	594244	52.44	ng	-0.02
78) Terphenyl-d14	12.89	244	397963	53.81	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	53464	20.220	ng	# 89
3) Pyridine	3.35	79	105433	16.581	ng	# 90
4) n-Nitrosodimethylamine	3.27	42	50114	22.061	ng	# 63
6) Aniline	6.46	93	144525	15.700	ng	# 86
8) 2-Chlorophenol	6.57	128	163693	25.651	ng	95
9) Benzaldehyde	6.35	77	75732	17.851	ng	87
10) Phenol	6.45	94	202567	25.987	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	150781	25.049	ng	96
12) 1,3-Dichlorobenzene	6.80	146	170424	23.784	ng	96
13) 1,4-Dichlorobenzene	6.80	146	170424	23.435	ng	97
14) 1,2-Dichlorobenzene	6.96	146	161335	24.342	ng	94
15) Benzyl Alcohol	6.94	79	117269	25.972	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	187127	27.985	ng	# 32
17) 2-Methylphenol	7.05	107	129141	24.193	ng	95
18) Hexachloroethane	7.29	117	53848	22.194	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	103282	24.824	ng	92
20) 3+4-Methylphenols	7.21	107	167707	26.982	ng	# 86
22) Acetophenone	7.20	105	215768	24.282	ng	96
24) Nitrobenzene	7.37	77	150968	24.717	ng	93
25) Isophorone	7.61	82	288028	26.185	ng	97
26) 2-Nitrophenol	7.69	139	86547	24.740	ng	# 85
27) 2,4-Dimethylphenol	7.73	122	140071	27.175	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	193428	25.109	ng	99
29) 2,4-Dichlorophenol	7.94	162	139073	25.973	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	138937	24.285	ng	99
31) Naphthalene	8.09	128	464874	24.677	ng	99
32) Benzoic acid	7.73	122	140071	30.873	ng	# 12
33) 4-Chloroaniline	8.15	127	123848	15.921	ng	94
34) Hexachlorobutadiene	8.20	225	70865	24.081	ng	95
35) Caprolactam	8.52	113	27775	16.495	ng	# 70
36) 4-Chloro-3-methylphenol	8.64	107	134198	24.555	ng	90
37) 2-Methylnaphthalene	8.78	142	324630	25.714	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	133114	23.575	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	7987	18.122	ng	98

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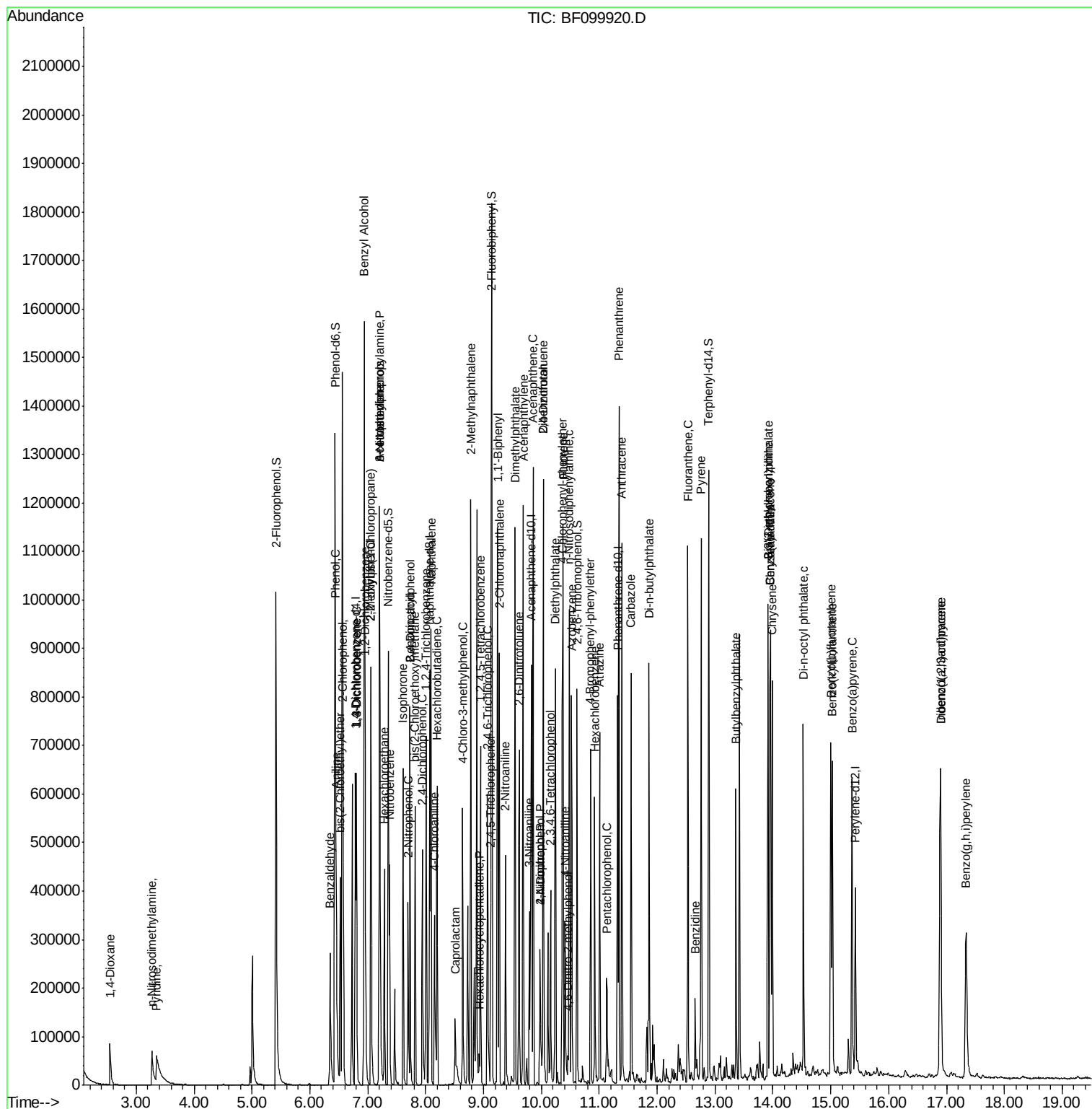
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	83133	24.341	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	81803	22.570	ng	95
45) 1,1'-Biphenyl	9.25	154	376973	23.836	ng	97
46) 2-Chloronaphthalene	9.27	162	289917	25.242	ng	95
47) 2-Nitroaniline	9.38	65	72423	24.025	ng	# 82
48) Acenaphthylene	9.69	152	426142	24.089	ng	98
49) Dimethylphthalate	9.55	163	441175	31.866	ng	100
50) 2,6-Dinitrotoluene	9.62	165	73168	25.140	ng	# 78
51) Acenaphthene	9.86	154	261775	24.218	ng	99
52) 3-Nitroaniline	9.79	138	68803	20.063	ng	91
53) 2,4-Dinitrophenol	9.98	184	1545	7.009	ng	# 1
54) Dibenzofuran	10.03	168	383356	25.125	ng	99
55) 4-Nitrophenol	9.98	139	50340	28.094	ng	# 79
56) 2,4-Dinitrotoluene	10.03	165	88496	25.248	ng	# 94
57) Fluorene	10.37	166	305856	24.211	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	53460	21.038	ng	95
59) Diethylphthalate	10.24	149	326474	24.148	ng	98
60) 4-Chlorophenyl-phenylether	10.36	204	145435	24.461	ng	90
61) 4-Nitroaniline	10.41	138	63850	19.515	ng	84
62) Azobenzene	10.52	77	272092	24.008	ng	90
64) 4,6-Dinitro-2-methylphenol	10.46	198	6016	3.520	ng	85
65) n-Nitrosodiphenylamine	10.48	169	266115	26.514	ng	99
66) 4-Bromophenyl-phenylether	10.85	248	79982	27.942	ng	92
67) Hexachlorobenzene	10.92	284	74943	25.592	ng	99
68) Atrazine	11.01	200	80279	26.627	ng	100
69) Pentachlorophenol	11.13	266	32849	26.252	ng	99
70) Phenanthrene	11.34	178	506708	33.022	ng	99
71) Anthracene	11.39	178	409701	26.304	ng	98
72) Carbazole	11.55	167	332536	22.704	ng	99
73) Di-n-butylphthalate	11.86	149	478875	25.633	ng	99
74) Fluoranthene	12.53	202	442880	27.773	ng	97
76) Benzidine	12.66	184	69059	9.765	ng	97
77) Pyrene	12.76	202	427271	34.766	ng	98
79) Butylbenzylphthalate	13.36	149	150200	24.819	ng	95
80) Benzo(a)anthracene	13.95	228	301495	29.426	ng	97
81) 3,3'-Dichlorobenzidine	13.91	252	78076	20.993	ng	98
82) Chrysene	13.99	228	279292	28.995	ng	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	219317	25.806	ng	# 98
84) Di-n-octyl phthalate	14.53	149	373635	25.615	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.90	276	300954	34.034	ng	98
87) Benzo(b)fluoranthene	15.00	252	305985	27.105	ng	97
88) Benzo(k)fluoranthene	15.03	252	268673	25.239	ng	98
89) Benzo(a)pyrene	15.37	252	288062	28.407	ng	99
90) Dibenzo(a,h)anthracene	16.89	278	236311	26.226	ng	97
91) Benzo(g,h,i)perylene	17.34	276	245111	27.805	ng	97

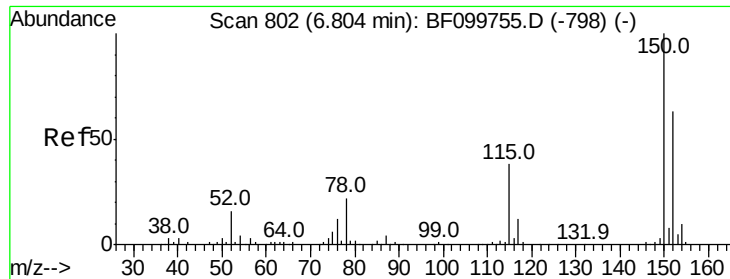
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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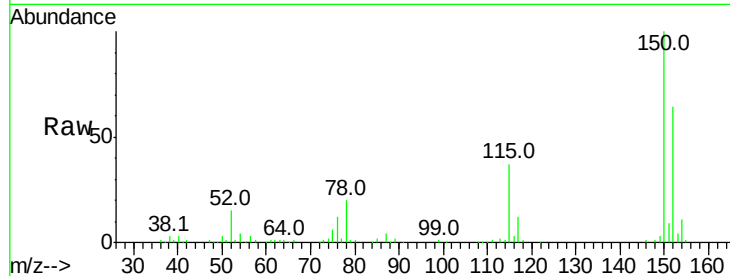


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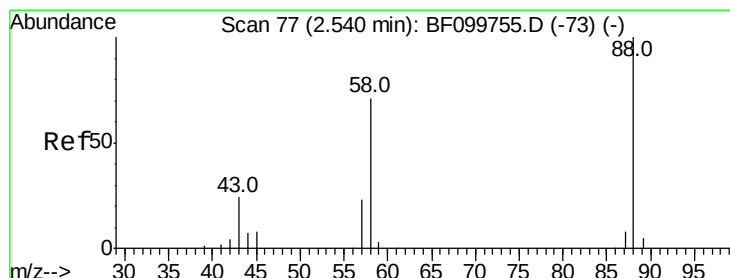
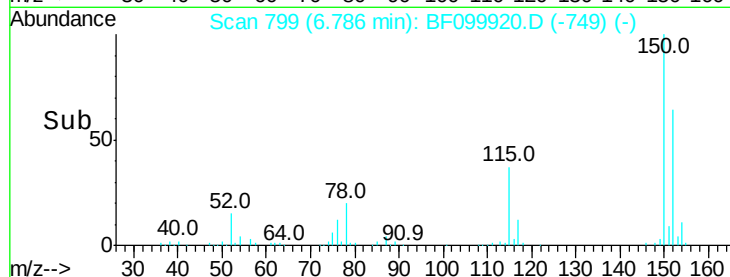
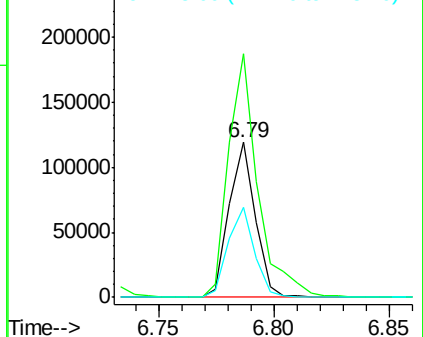
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 94004
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 58.2 50.1 75.1



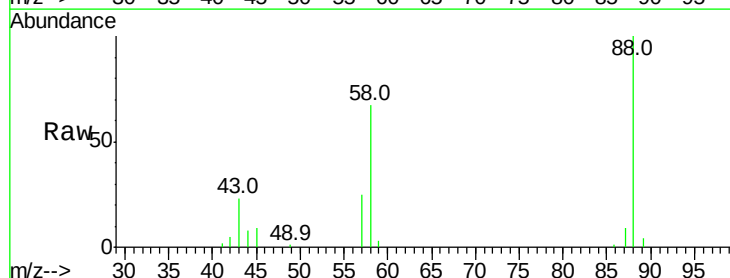
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



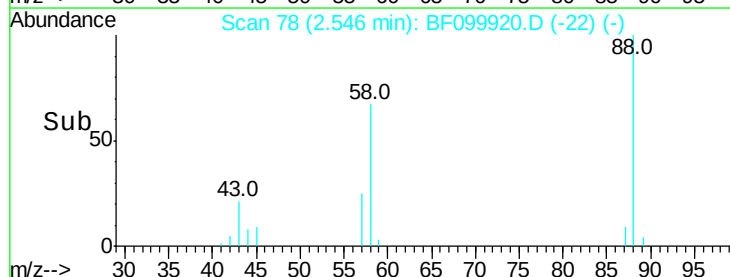
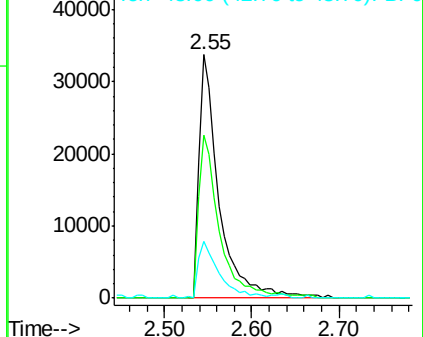
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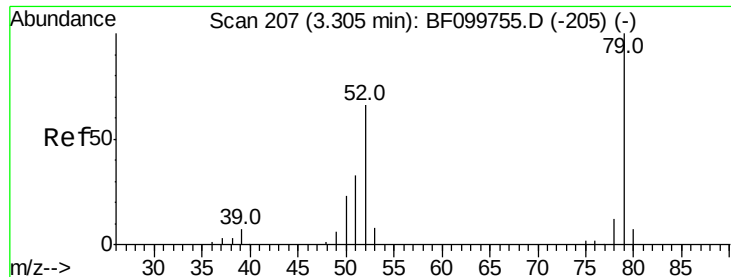
1,4-Dioxane
Concen: 20.220 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion: 88 Resp: 53464
Ion Ratio Lower Upper
88 100
58 68.6 62.6 93.8
43 24.5 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: 16.581 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.06 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

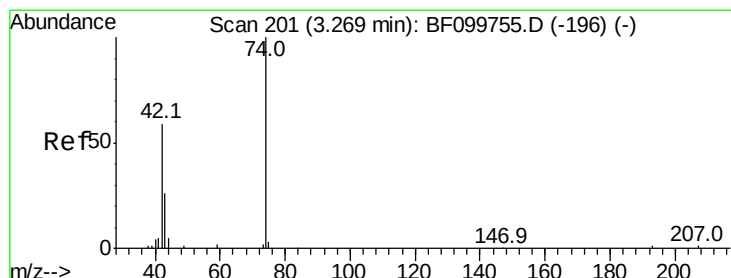
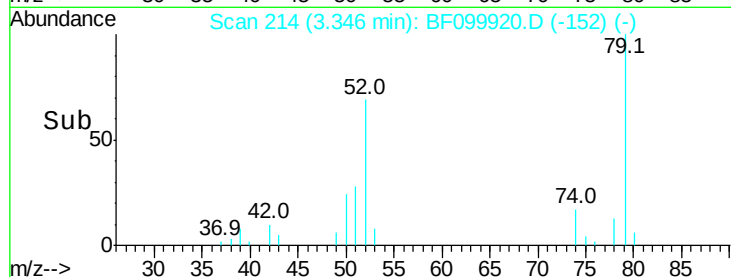
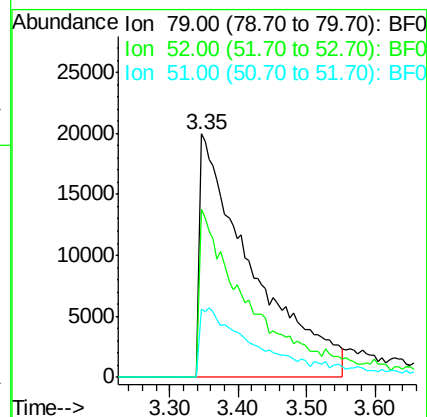
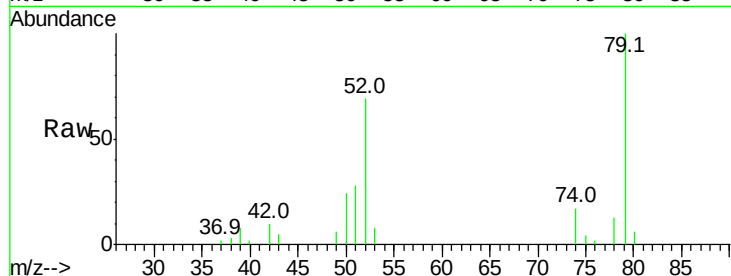
Tot Ion: 79 Resp: 105433

Ion Ratio Lower Upper

79 100

52 68.9 59.8 89.6

51 28.2 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 22.061 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

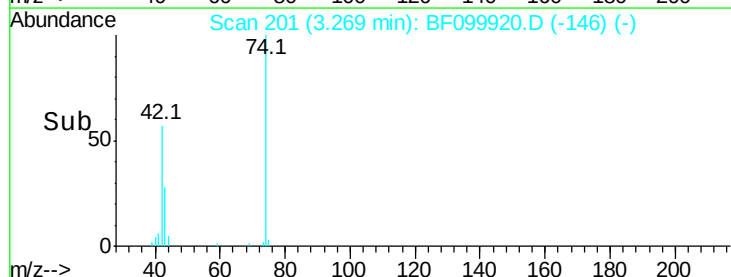
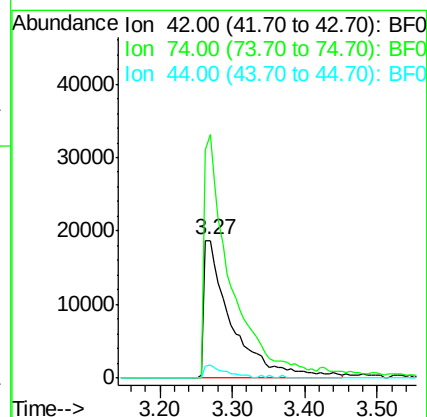
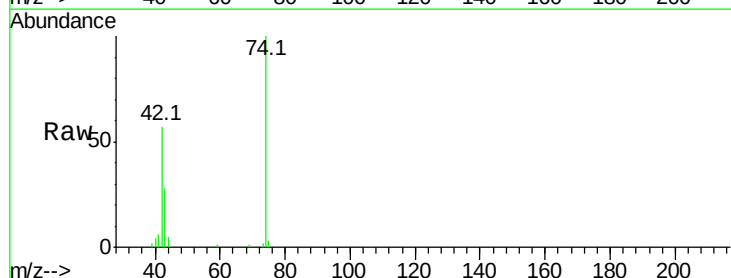
Tgt Ion: 42 Resp: 50114

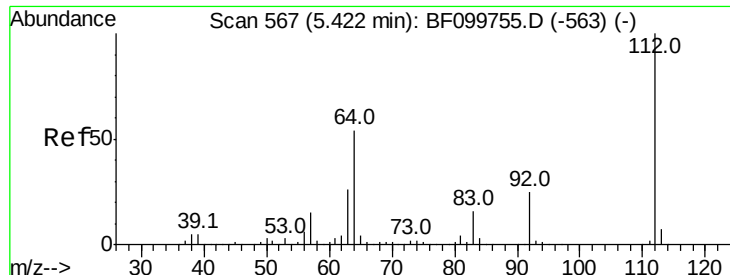
Ion Ratio Lower Upper

42 100

74 176.4 104.9 157.3#

44 9.7 6.9 10.3





#5

2-Fluorophenol

Concen: 72.598 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampled :

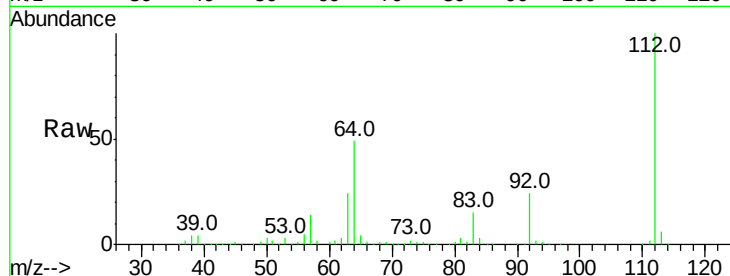
Tot Ion:112 Resp: 434689

Ion Ratio Lower Upper

112 100

64 49.3 47.9 71.9

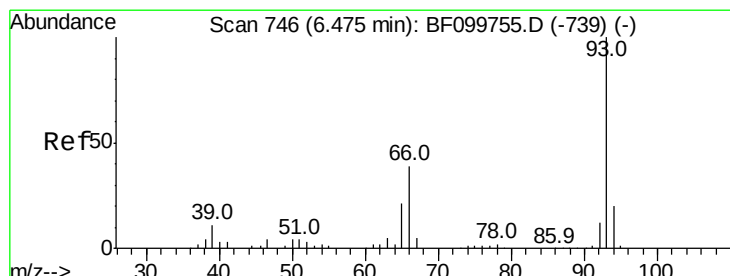
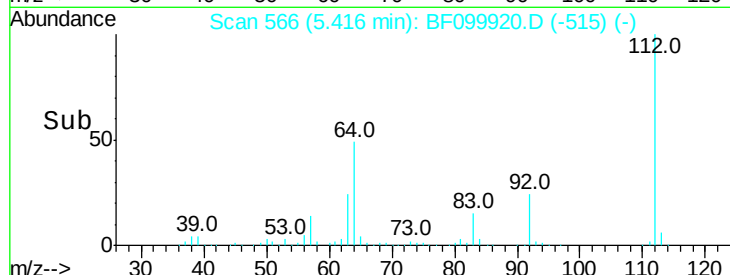
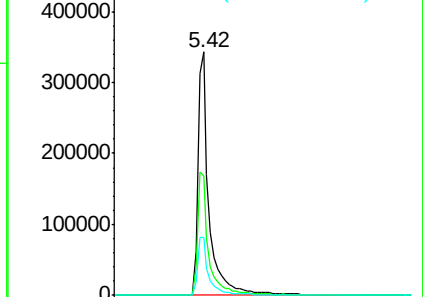
63 23.6 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.700 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

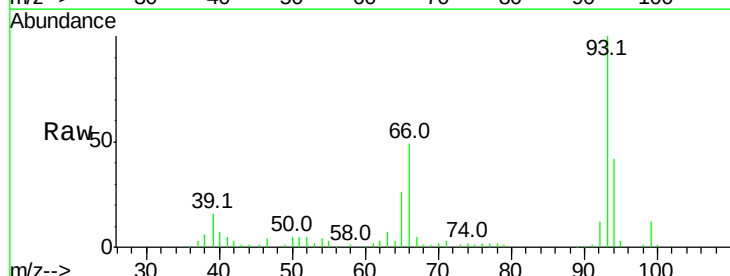
Tgt Ion: 93 Resp: 144525

Ion Ratio Lower Upper

93 100

66 49.5 32.2 48.2#

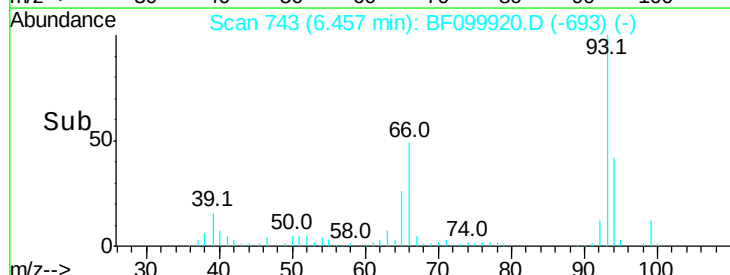
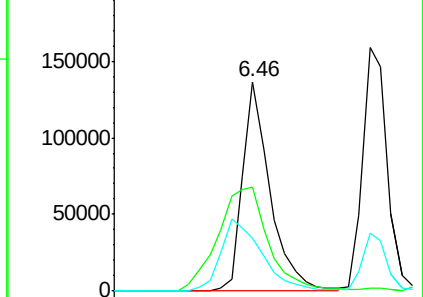
65 25.5 16.4 24.6#

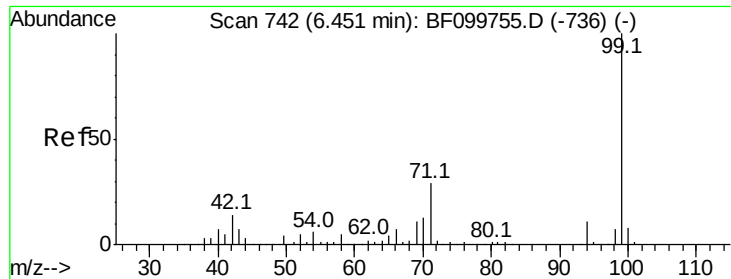


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.999 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

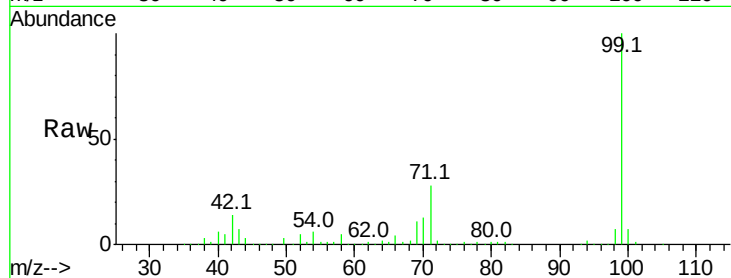
Instrument :

BNA_F

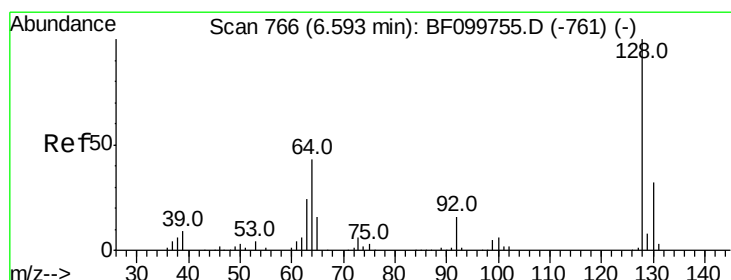
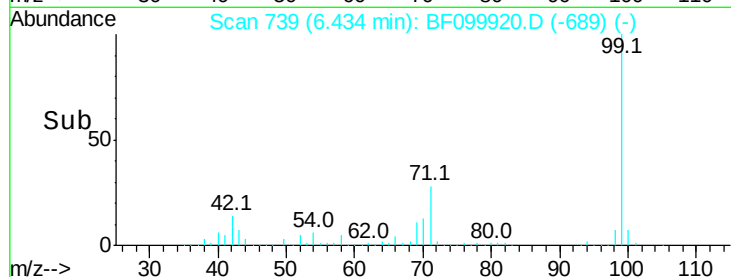
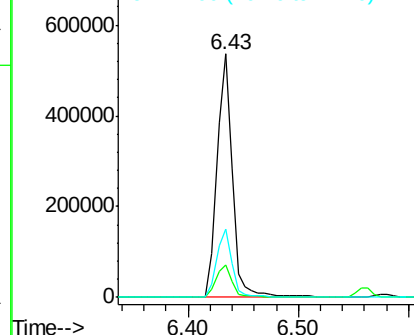
ClientSampleId :

Tot Ion: 99 Resp: 511170

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.5	21.7#
71	28.1	25.4	38.0



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



#8

2-Chlorophenol

Concen: 25.651 ng

RT: 6.57 min Scan# 763

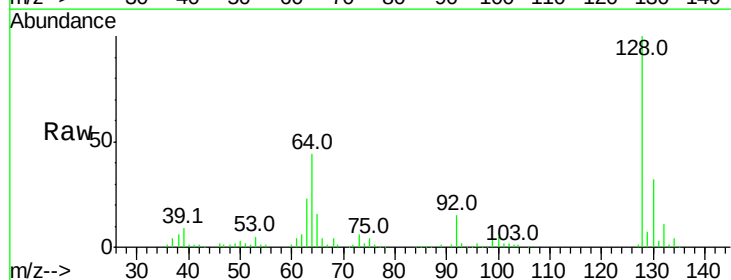
Delta R.T. -0.01 min

Lab File: BF099920.D

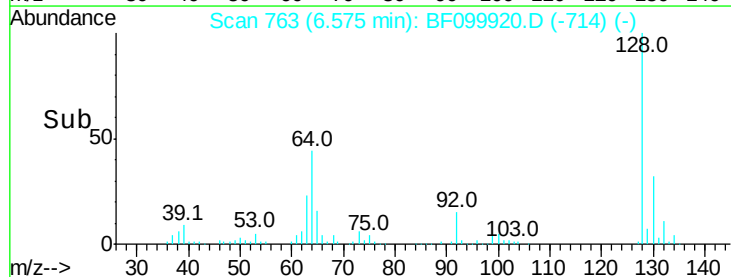
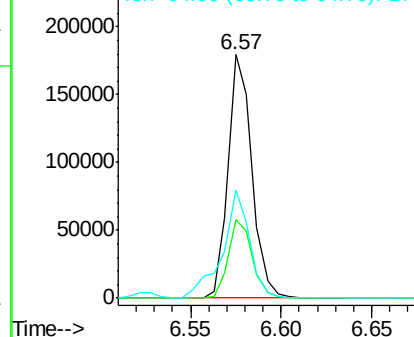
Acq: 28 Oct 2017 16:35

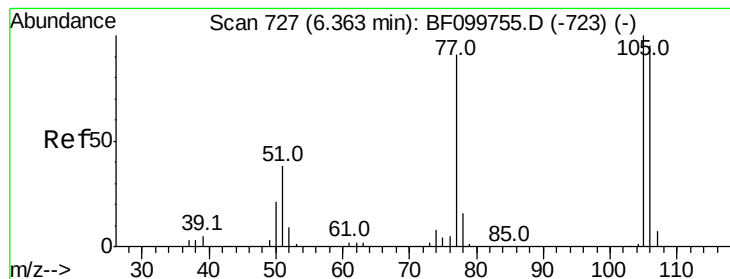
Tgt Ion: 128 Resp: 163693

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.0	53.0
64	44.4	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.851 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

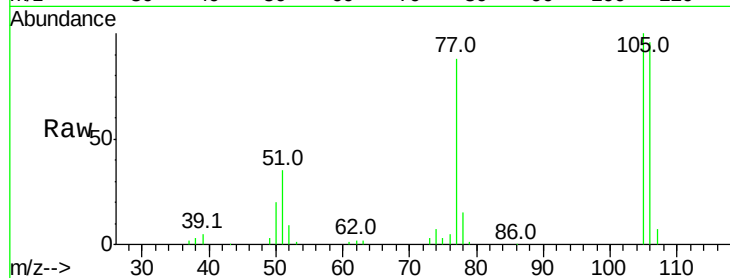
Tot Ion: 77 Resp: 75732

Ion Ratio Lower Upper

77 100

105 113.4 81.1 121.1

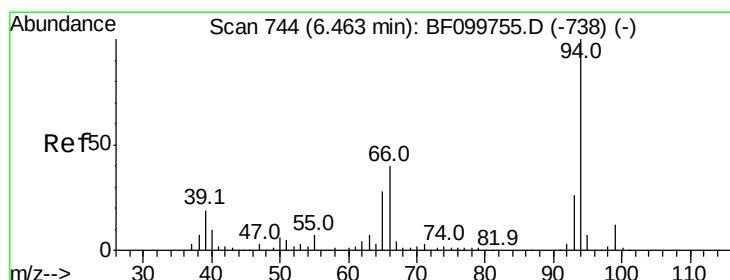
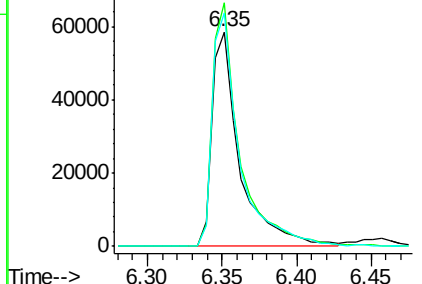
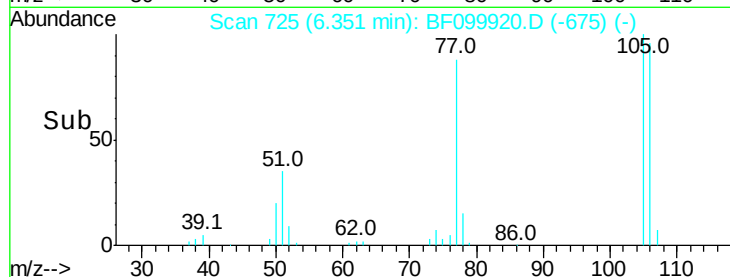
106 108.8 74.5 114.5



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: 25.987 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

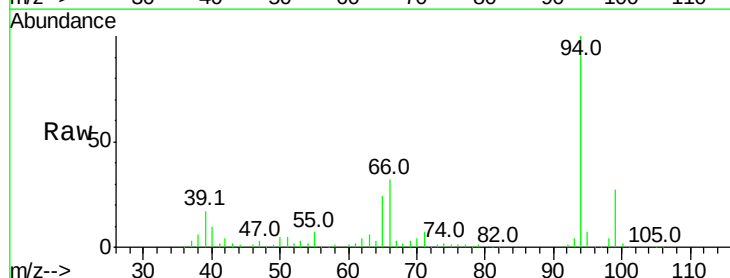
Tgt Ion: 94 Resp: 202567

Ion Ratio Lower Upper

94 100

65 24.3 7.9 47.9

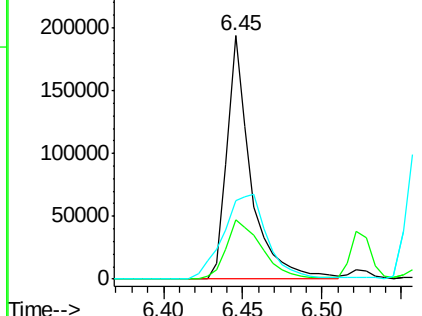
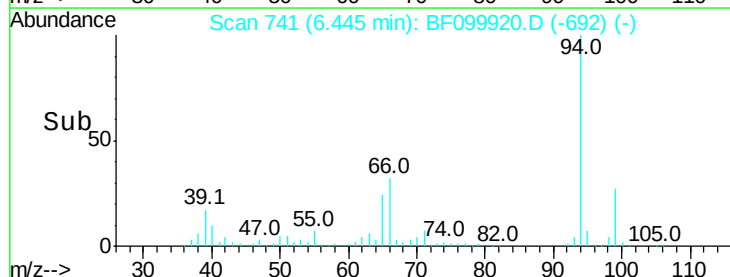
66 32.1 16.2 56.2

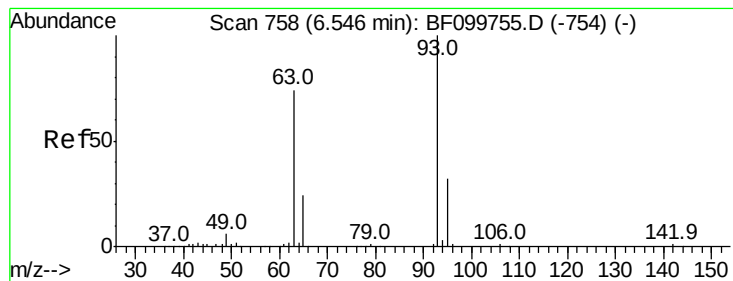


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

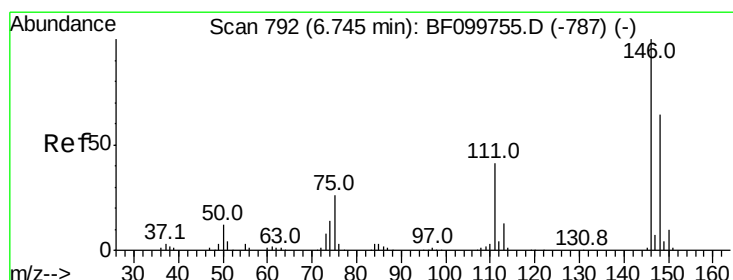
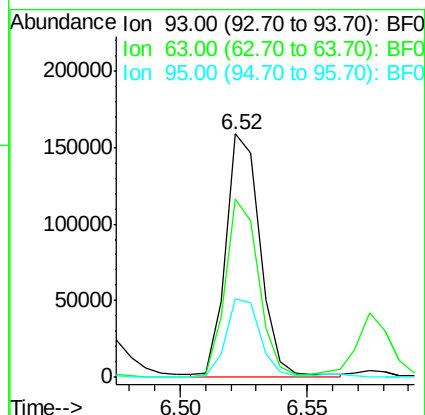
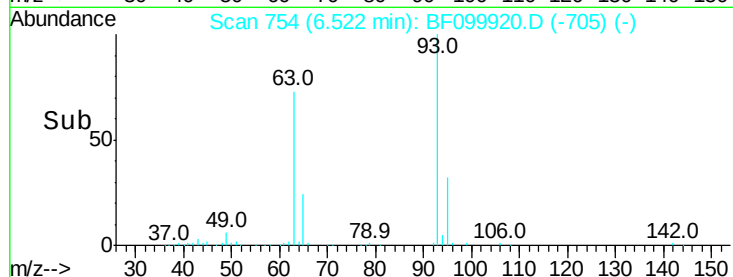
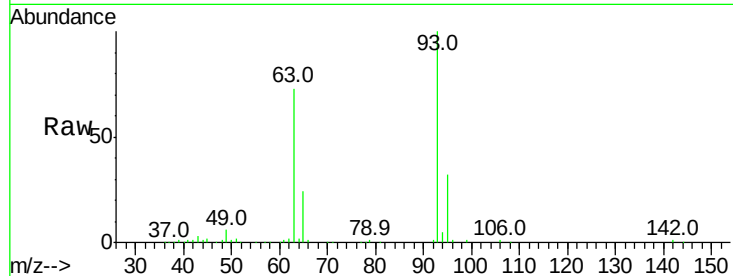




#11
bis(2-Chloroethyl)ether
Concen: 25.049 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

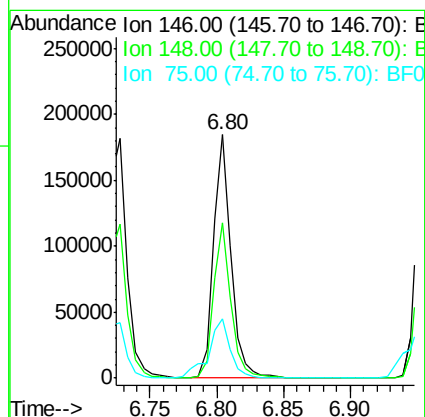
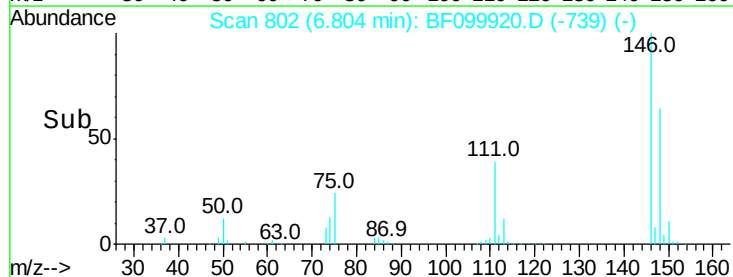
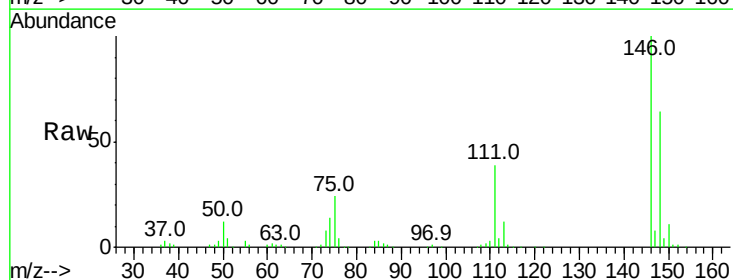
Instrument :
BNA_F
ClientSampleId :

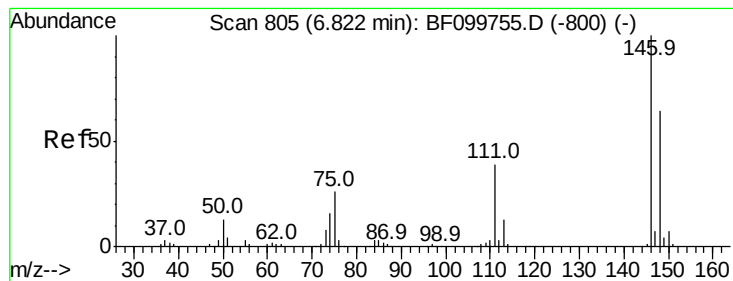
Tot Ion: 93 Resp: 150781
Ion Ratio Lower Upper
93 100
63 73.5 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 23.784 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.07 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion: 146 Resp: 170424
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 24.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 23.435 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampled :

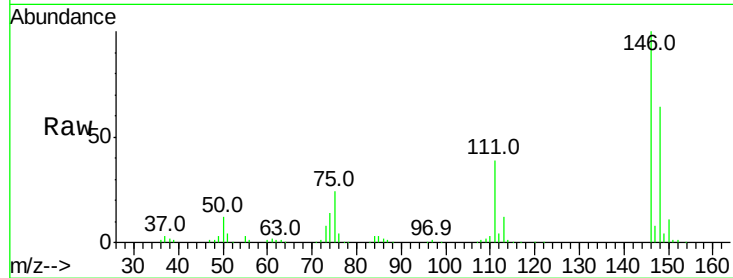
Tot Ion:146 Resp: 170424

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

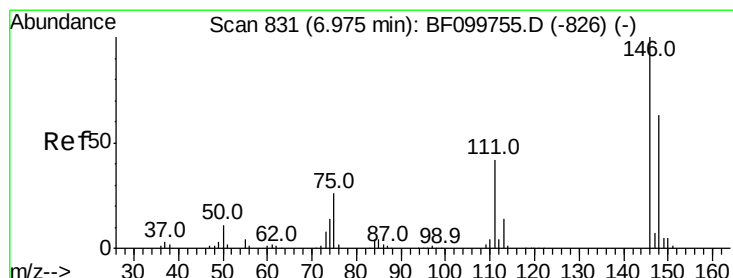
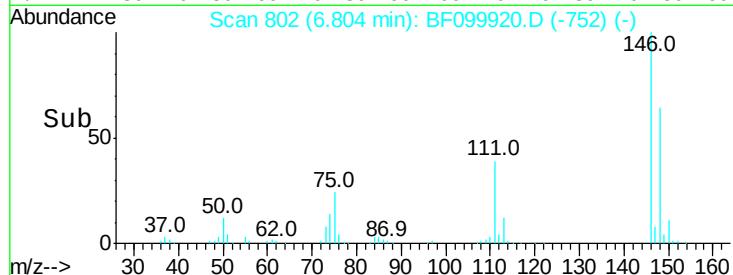
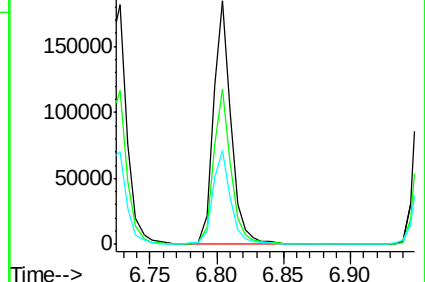
111 38.7 34.2 51.2



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: 24.342 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

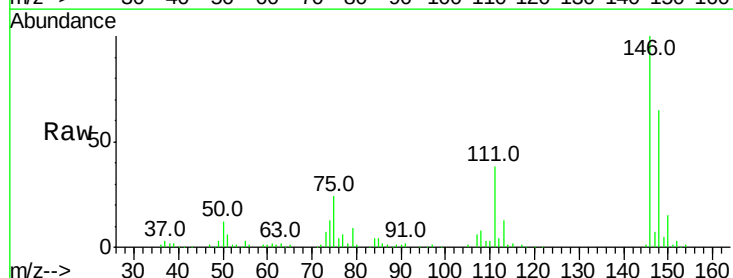
Tgt Ion:146 Resp: 161335

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

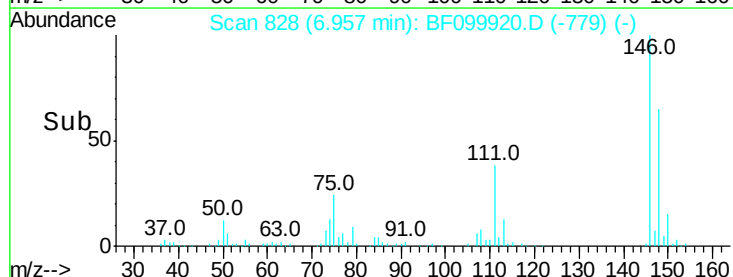
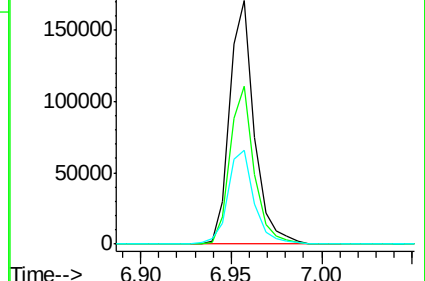
111 38.3 36.0 54.0

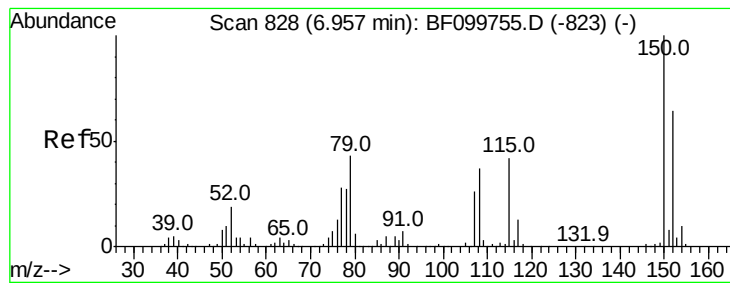


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.972 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampled :

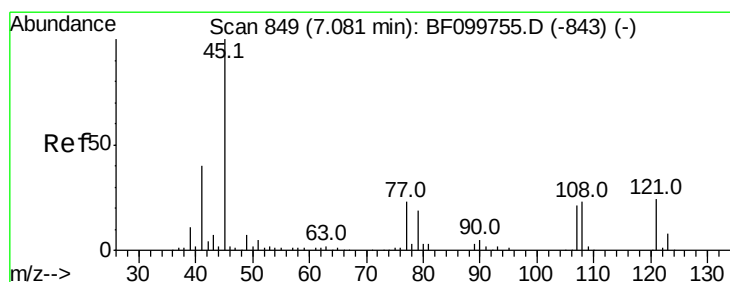
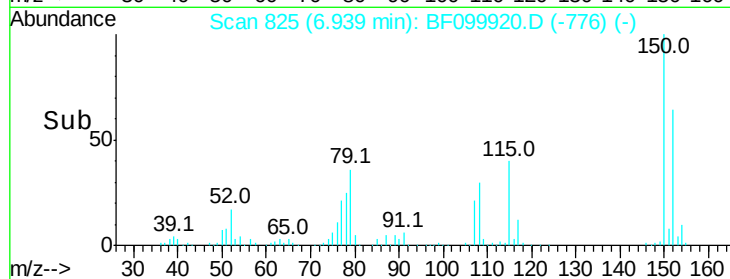
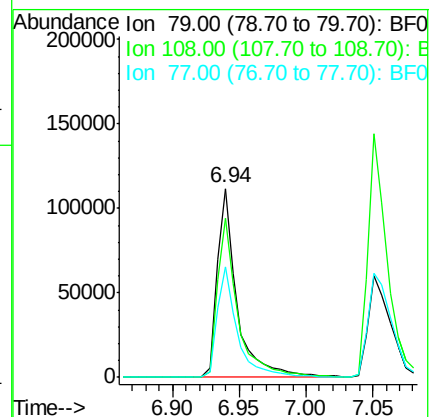
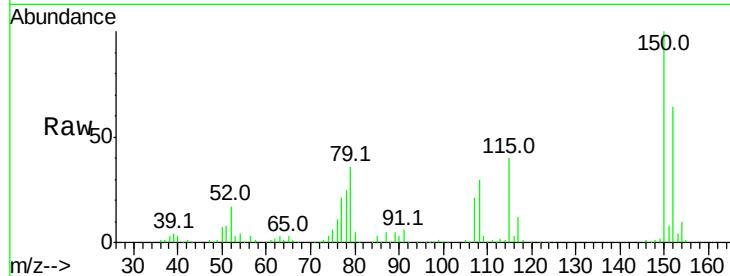
Tot Ion: 79 Resp: 117269

Ion Ratio Lower Upper

79 100

108 84.4 65.1 97.7

77 58.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.985 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

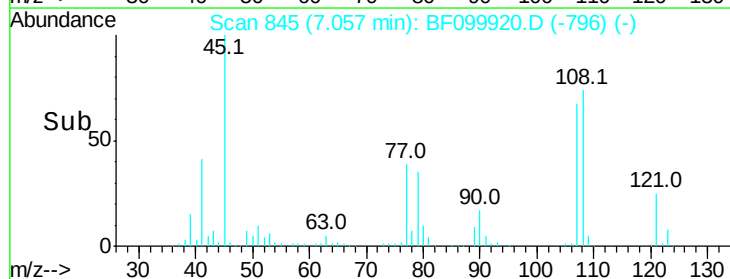
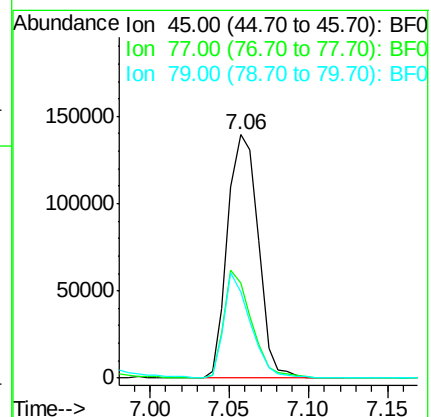
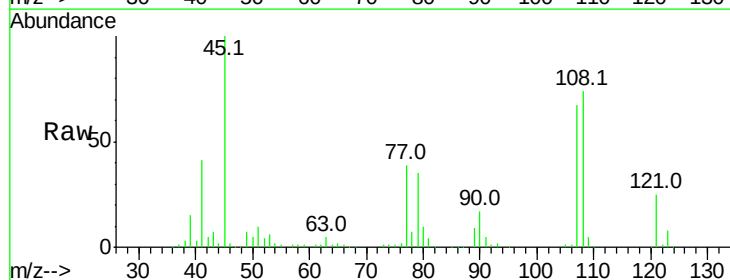
Tgt Ion: 45 Resp: 187127

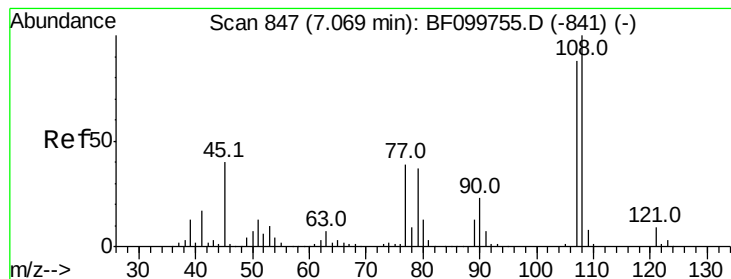
Ion Ratio Lower Upper

45 100

77 39.1 0.0 32.9#

79 35.2 0.0 29.6#





#17

2-Methylphenol

Concen: 24.193 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 129141

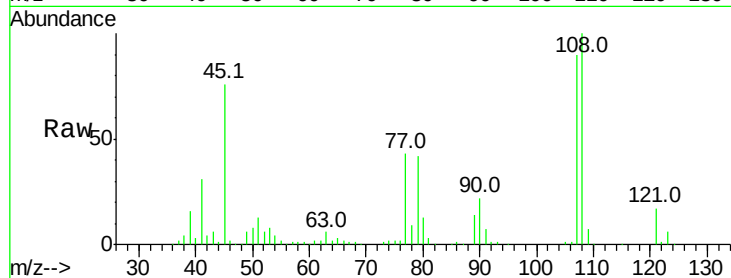
Ion Ratio Lower Upper

107 100

108 111.3 91.7 137.5

77 47.7 33.8 50.8

79 46.7 33.8 50.8

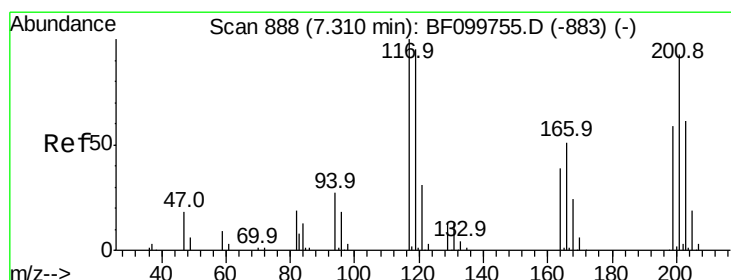
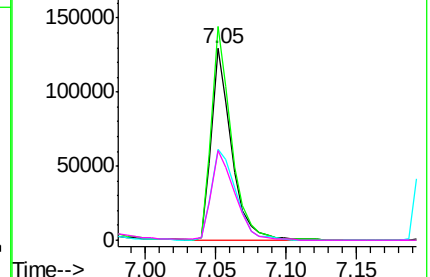
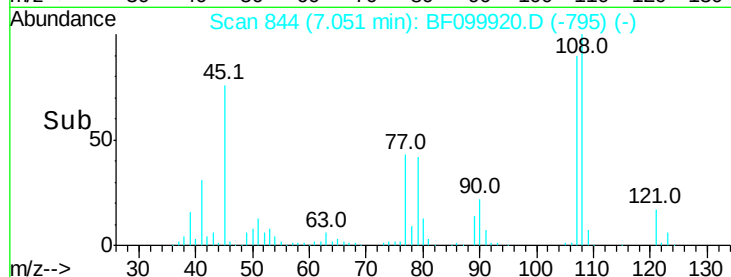


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 22.194 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

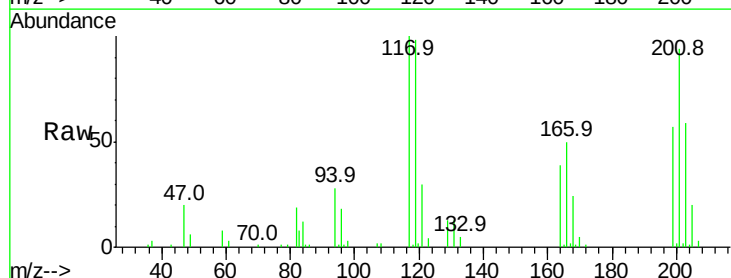
Tgt Ion:117 Resp: 53848

Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

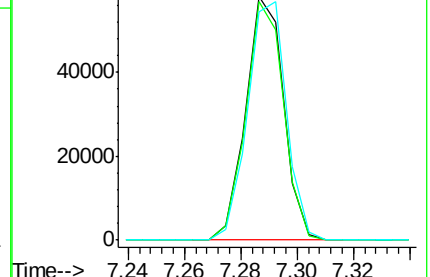
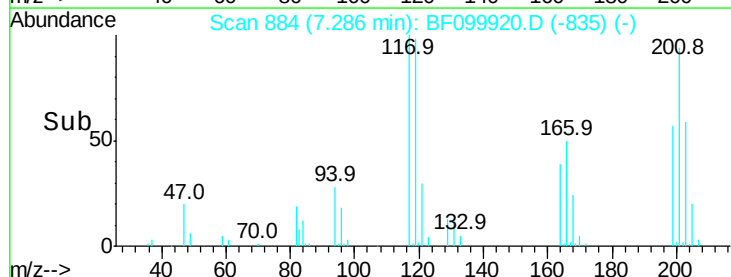
201 93.8 75.7 113.5

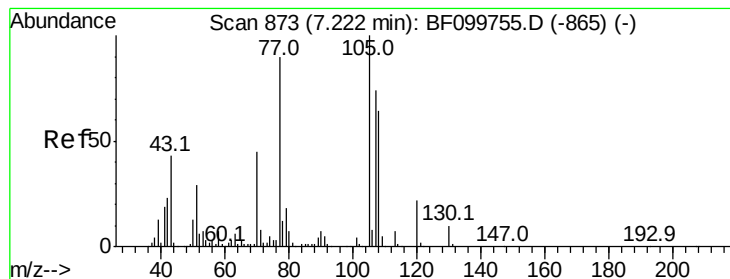


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 24.824 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 103282

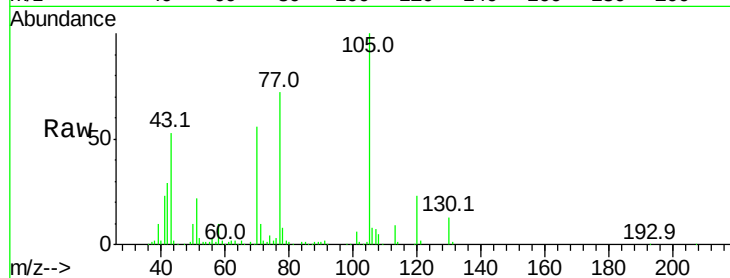
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 10.2 7.4 11.2

130 22.8 16.6 25.0

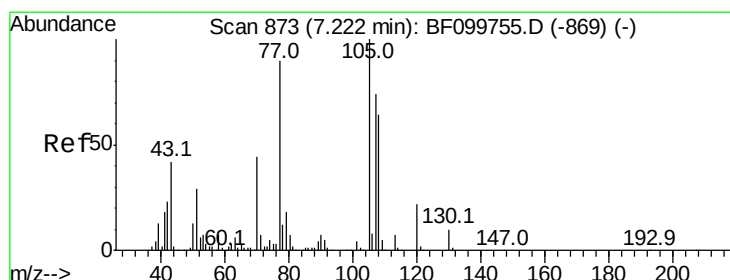
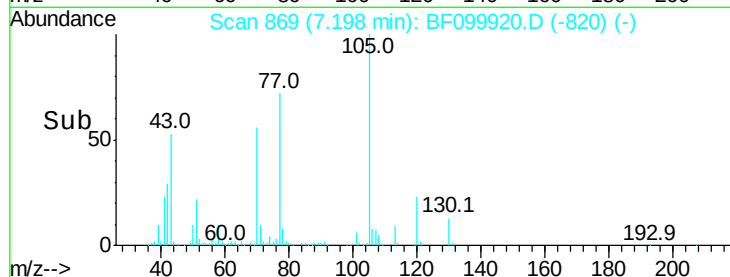
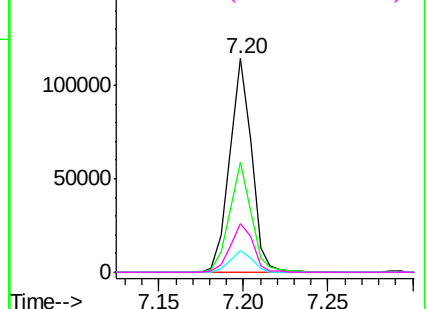


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 26.982 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion: 107 Resp: 167707

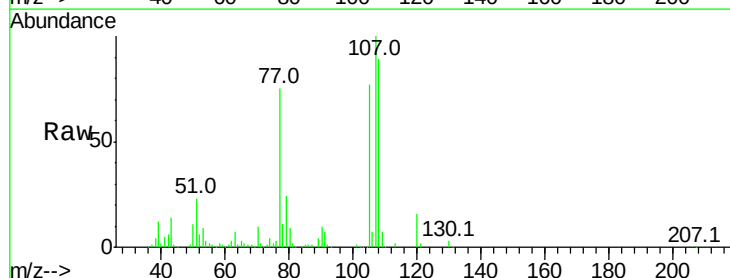
Ion Ratio Lower Upper

107 100

108 89.2 68.2 108.2

77 74.8 26.7 66.7#

79 23.9 6.3 46.3

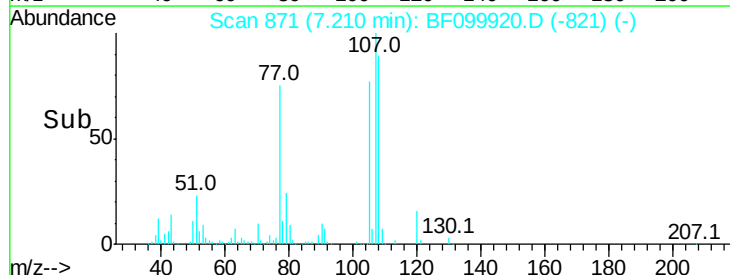
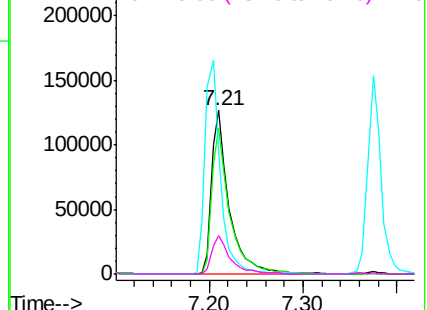


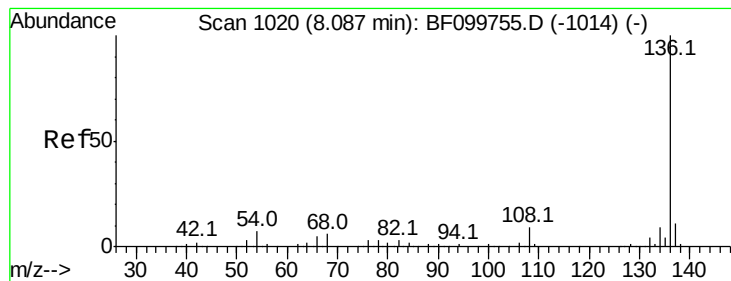
Abundance Ion 107.00 (106.70 to 107.70): BF0

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. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 390264

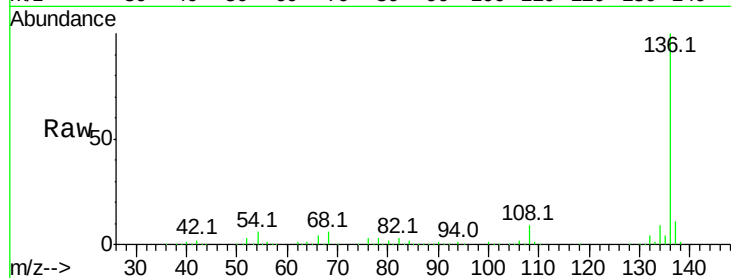
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.4 6.6 9.8#

68 5.6 5.0 7.4

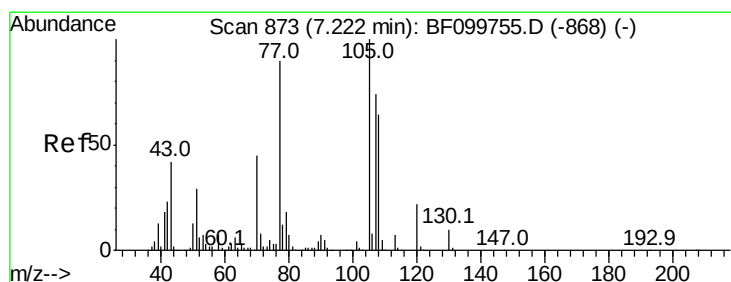
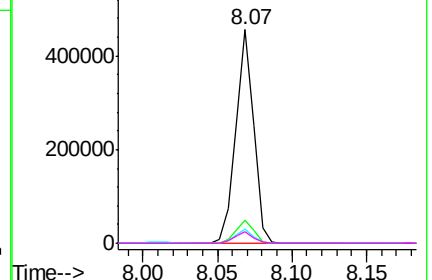
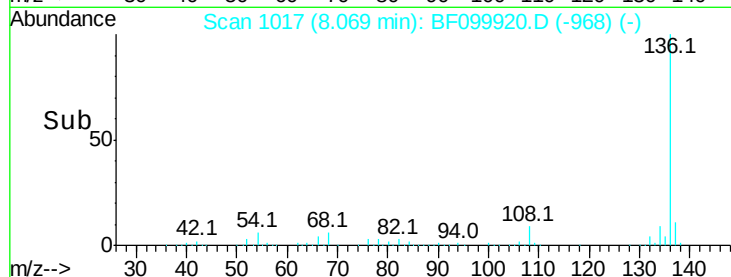


Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.282 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion:105 Resp: 215768

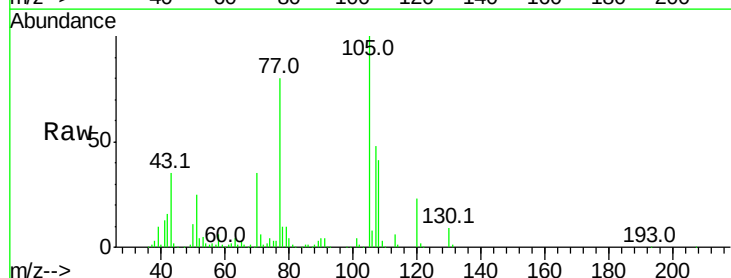
Ion Ratio Lower Upper

105 100

71 5.6 4.4 6.6

51 25.2 22.3 33.5

120 22.5 16.9 25.3

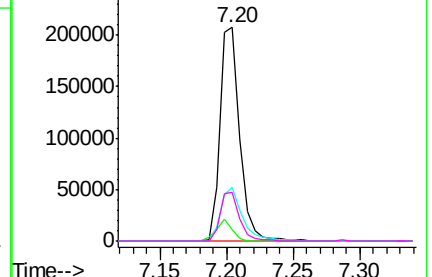
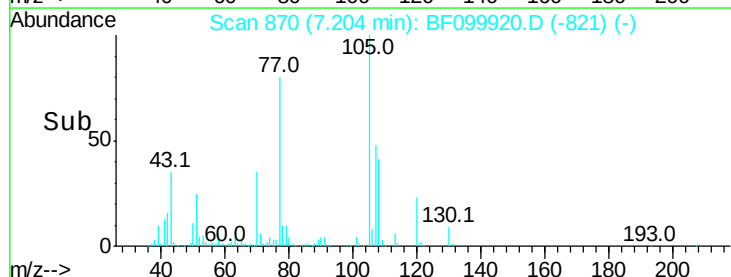


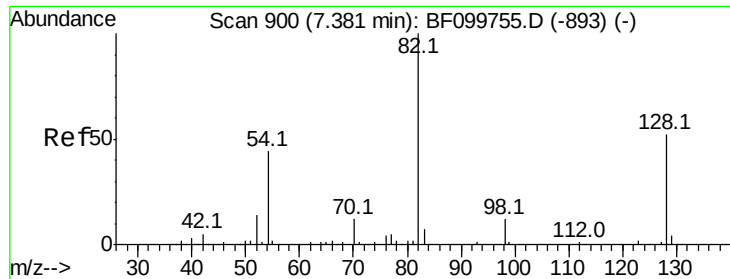
Abundance Ion 105.00 (104.70 to 105.70): E

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

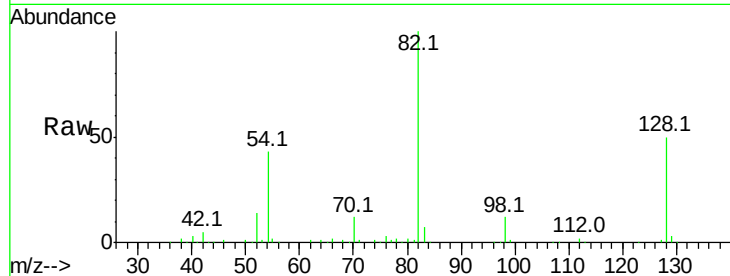




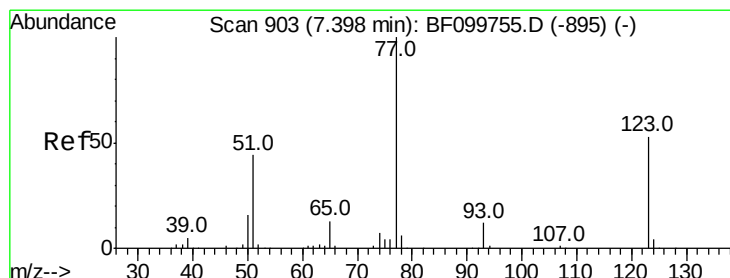
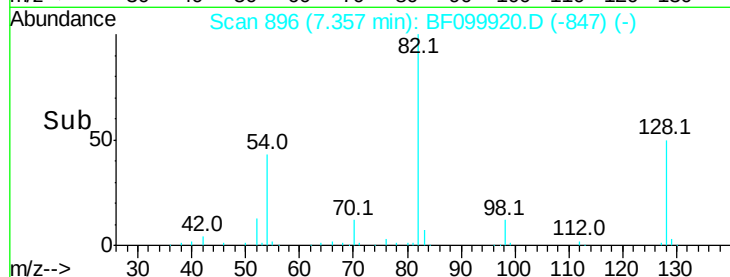
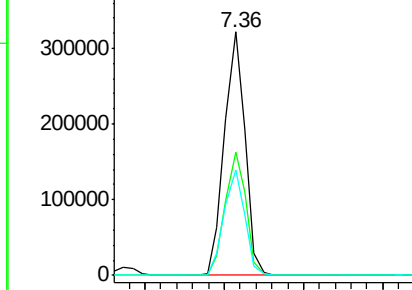
#23
Nitrobenzene-d5
Concen: 48.080 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 291454
Ion Ratio Lower Upper
82 100
128 50.5 36.1 54.1
54 43.1 41.4 62.2

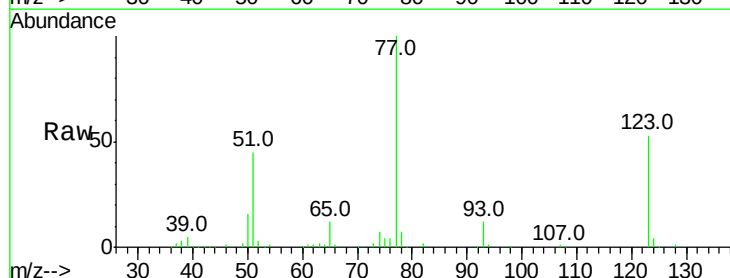


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

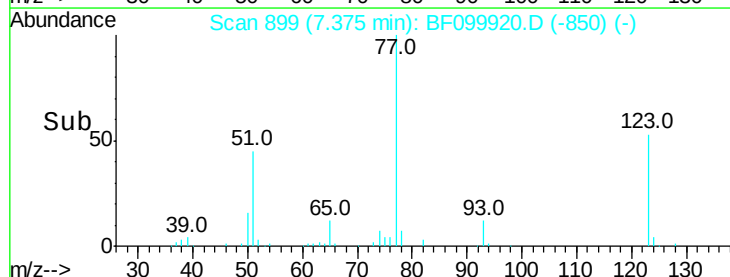
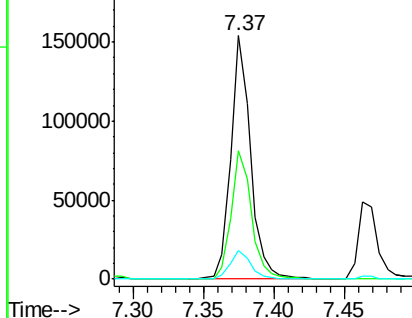


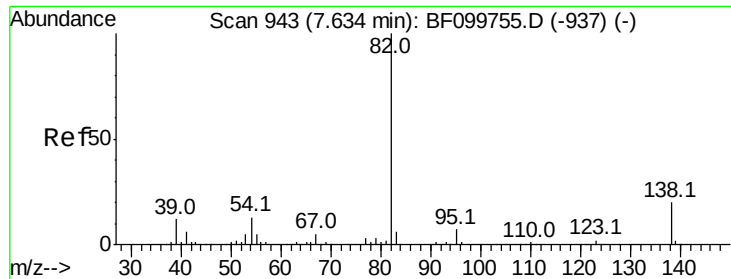
#24
Nitrobenzene
Concen: 24.717 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion: 77 Resp: 150968
Ion Ratio Lower Upper
77 100
123 52.5 37.9 56.9
65 12.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 26.185 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

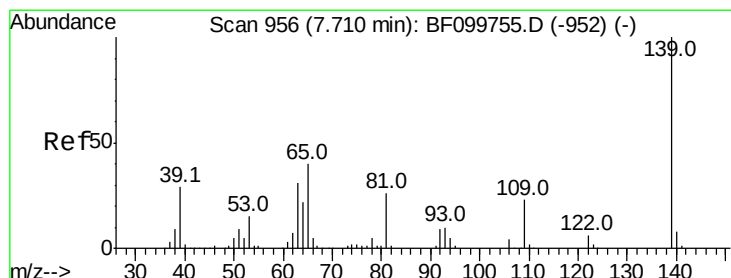
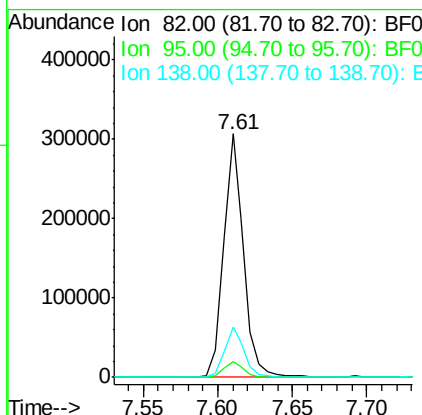
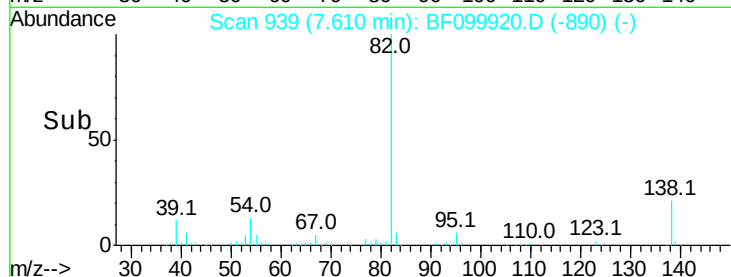
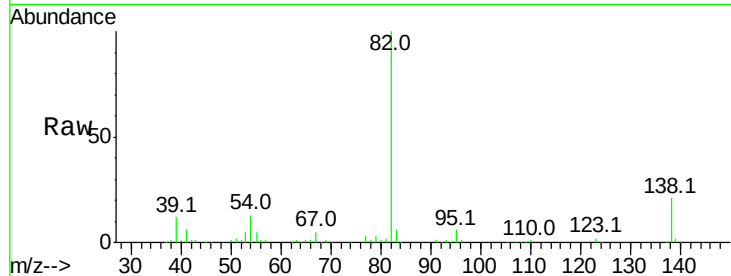
Tot Ion: 82 Resp: 288028

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 20.6 14.9 22.3



#26

2-Nitrophenol

Concen: 24.740 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

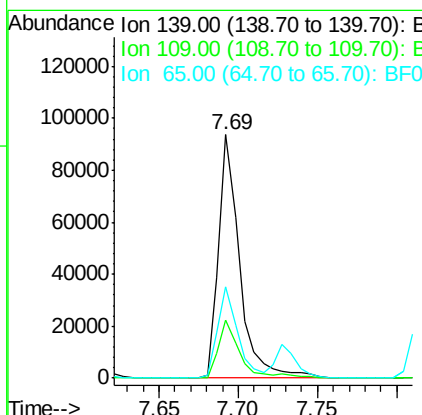
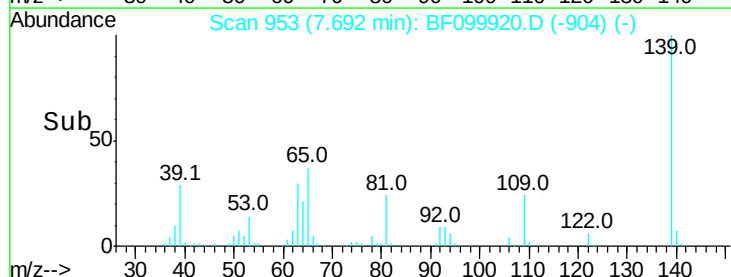
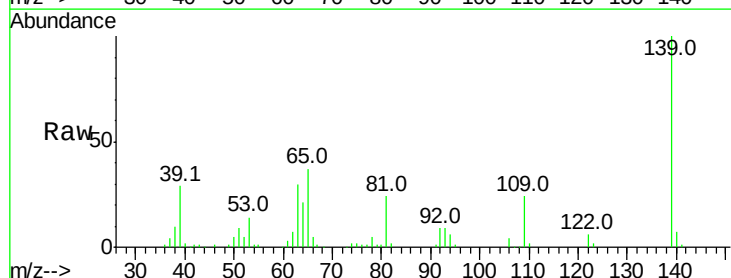
Tgt Ion: 139 Resp: 86547

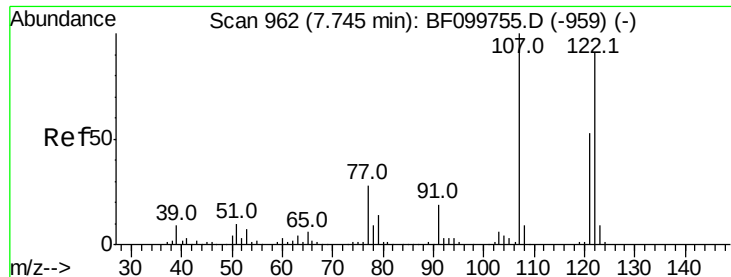
Ion Ratio Lower Upper

139 100

109 23.7 22.7 34.1

65 37.4 40.5 60.7#

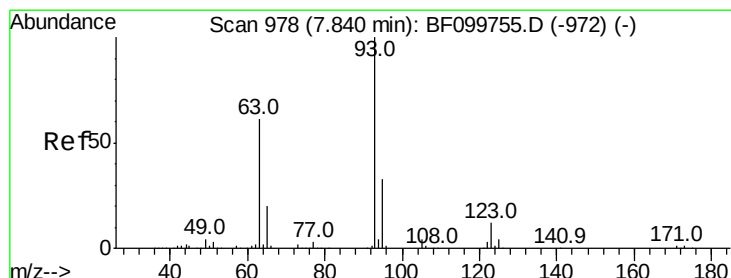
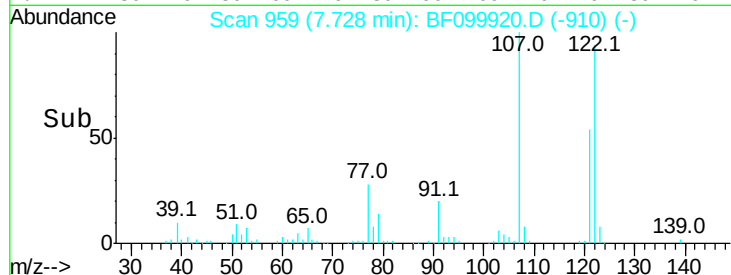
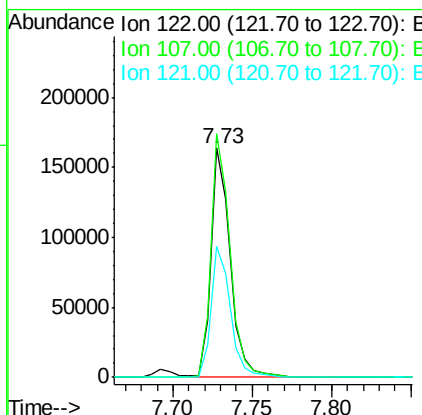
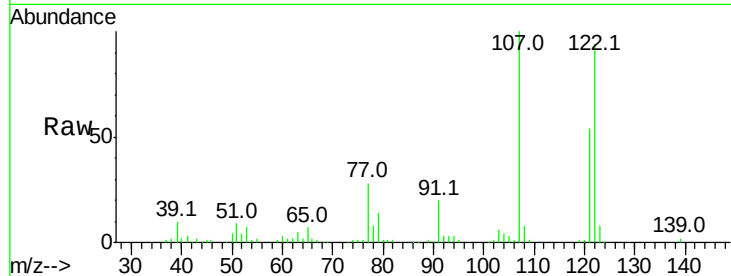




#27
2,4-Dimethylphenol
Concen: 27.175 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

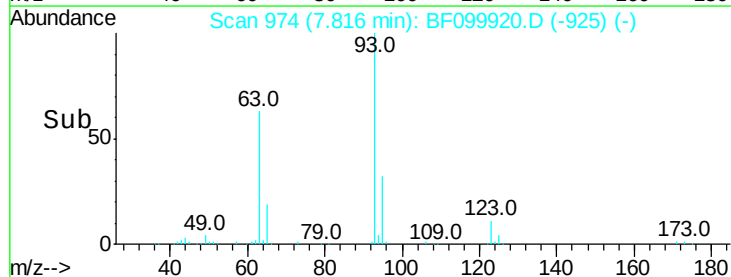
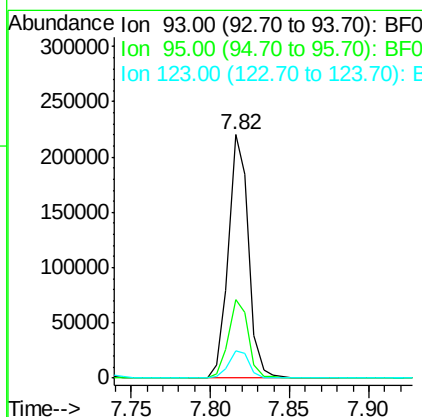
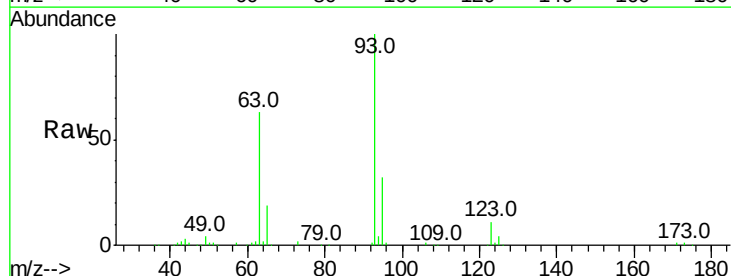
Instrument :
BNA_F
ClientSampled :

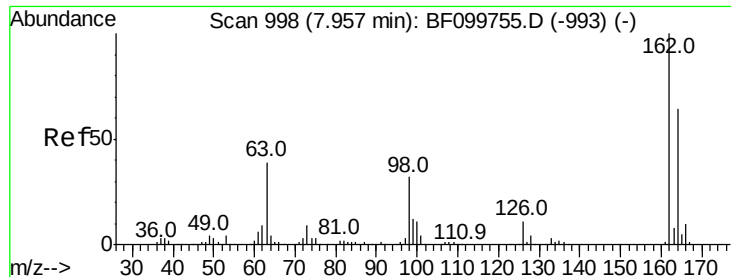
Tot Ion:122 Resp: 140071
Ion Ratio Lower Upper
122 100
107 106.1 91.2 136.8
121 57.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 25.109 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion: 93 Resp: 193428
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 11.3 9.8 14.6

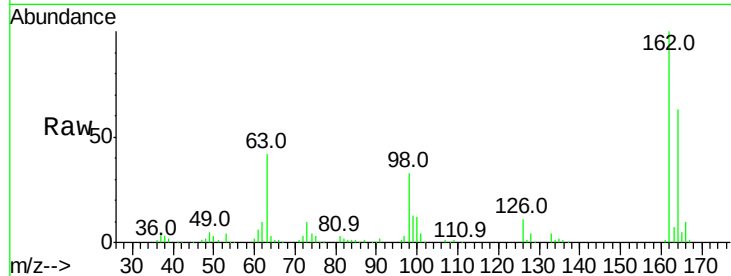




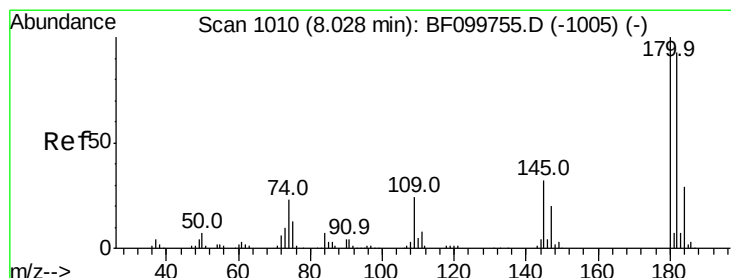
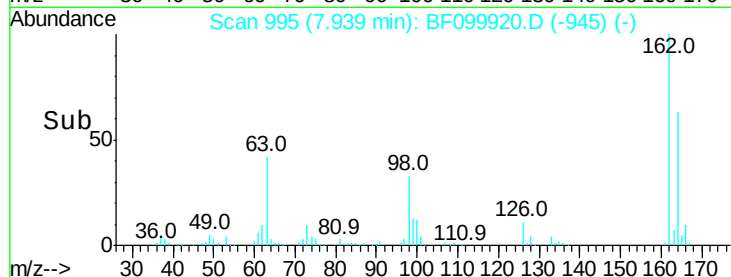
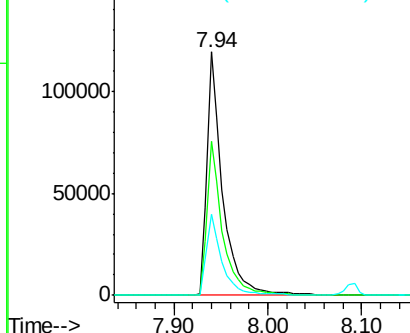
#29
 2,4-Dichlorophenol
 Concen: 25.973 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 139073
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 33.4 18.1 58.1

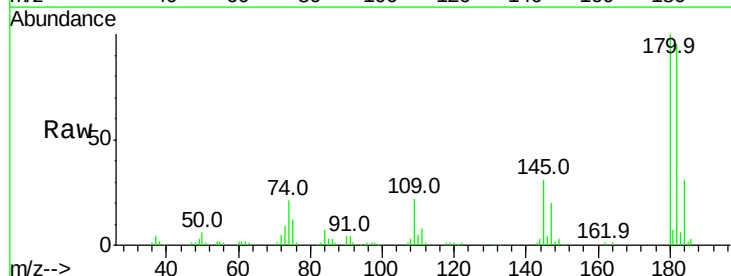


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

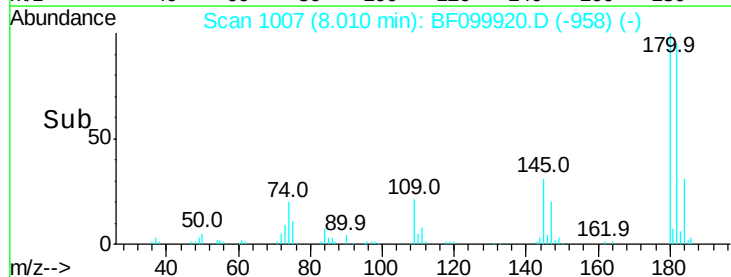
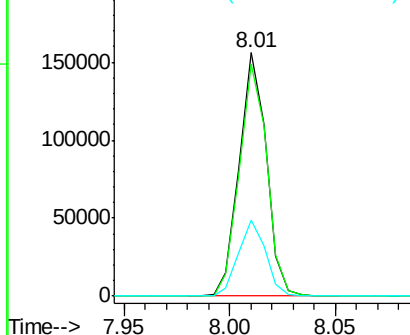


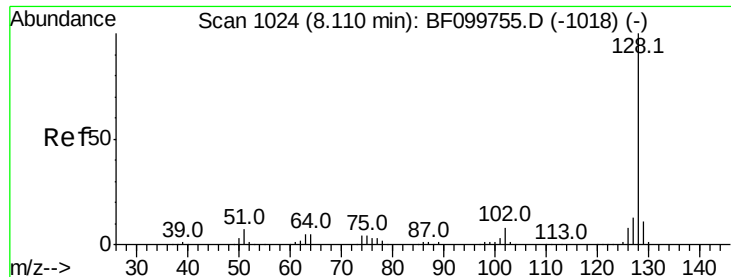
#30
 1,2,4-Trichlorobenzene
 Concen: 24.285 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:180 Resp: 138937
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.8 115.2
 145 31.4 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: 24.677 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

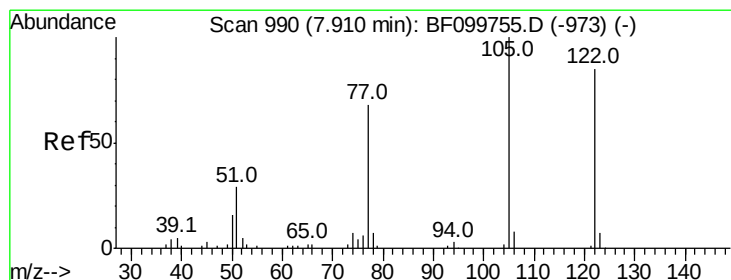
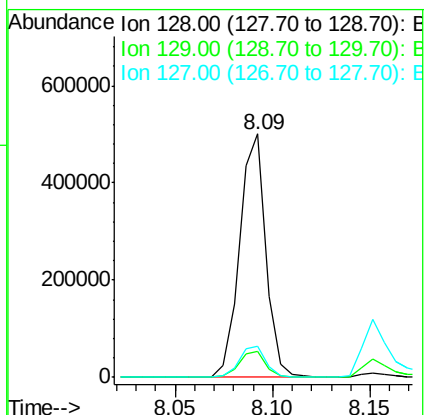
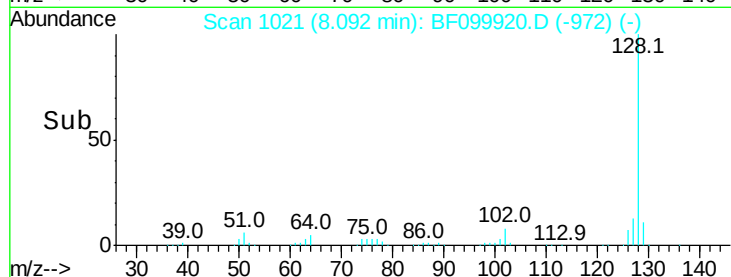
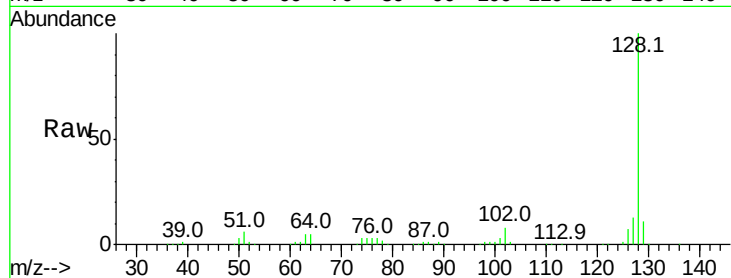
Tot Ion:128 Resp: 464874

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.0 10.9 16.3



#32

Benzoic acid

Concen: 30.873 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.18 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

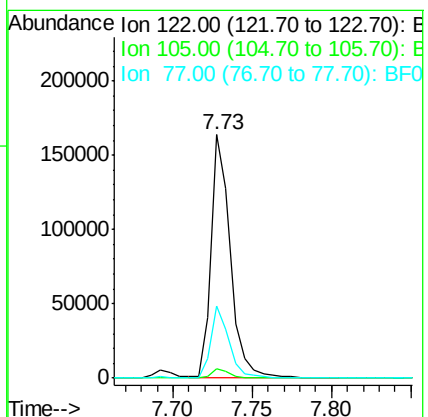
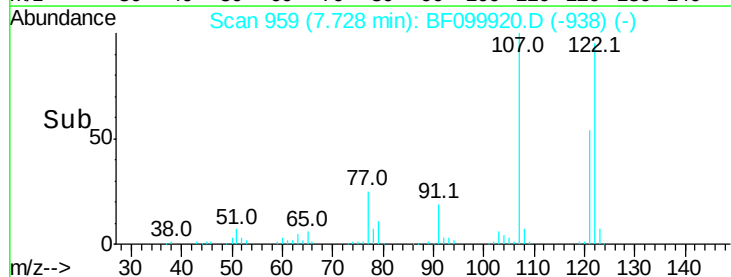
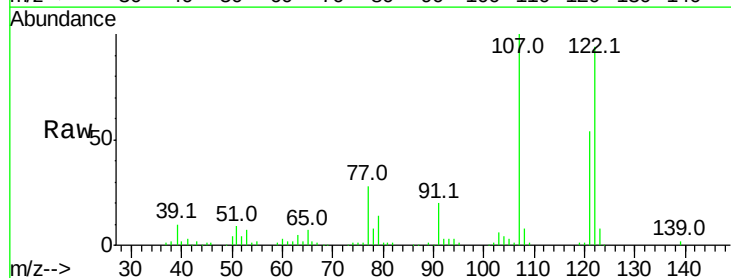
Tgt Ion:122 Resp: 140071

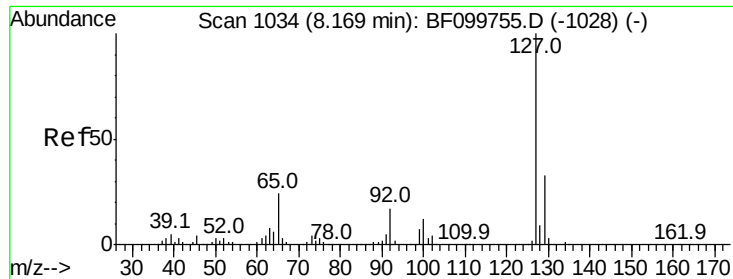
Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

77 29.7 70.7 110.7#

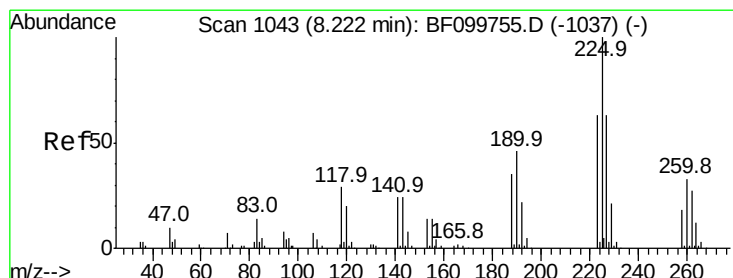
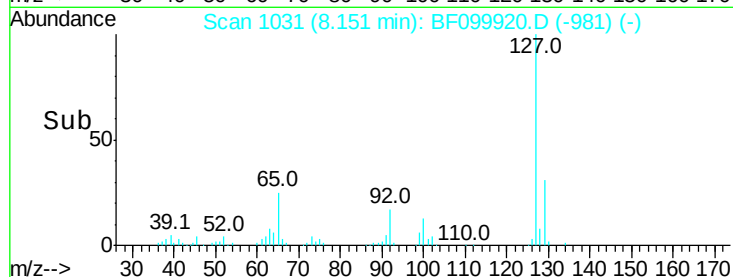
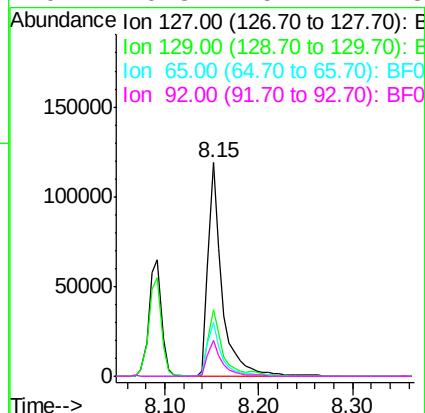
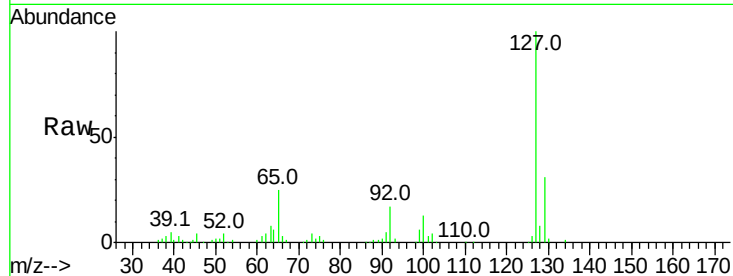




#33
4-Chloroaniline
Concen: 15.921 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

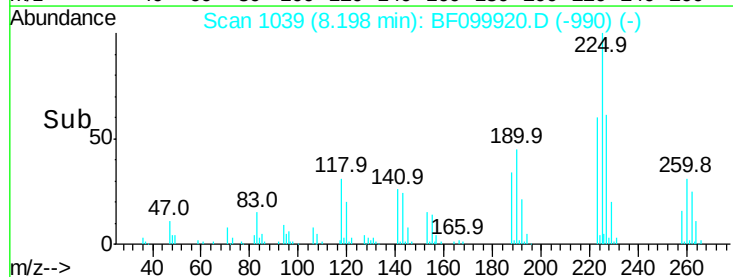
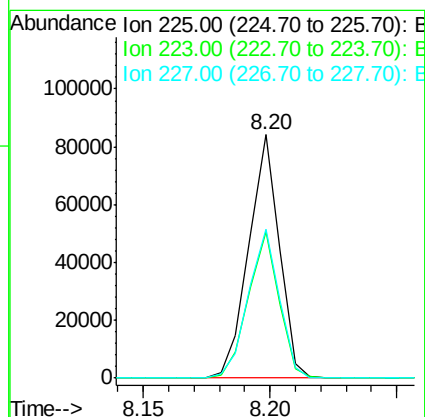
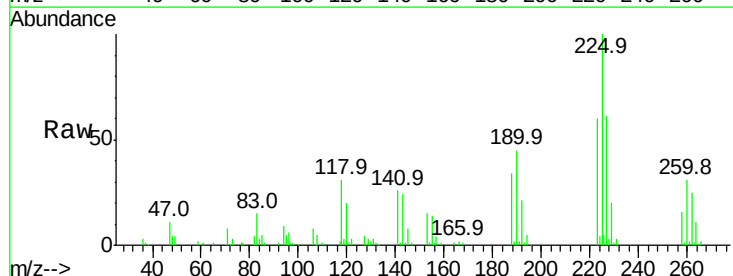
Instrument :
BNA_F
ClientSampleId :

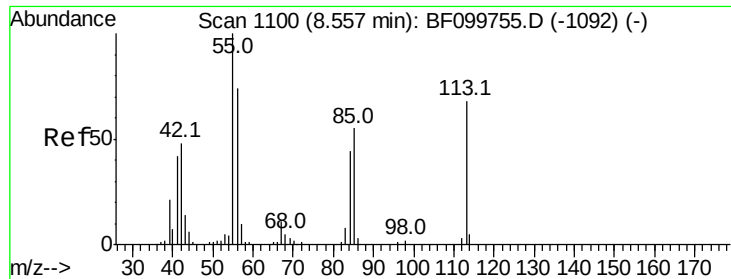
Tot Ion:	127	Resp:	123848
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	25.0	25.0	37.4
92	16.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 24.081 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion:	225	Resp:	70865
Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.6	76.0
227	60.9	51.9	77.9





#35

Caprolactam

Concen: 16.495 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :

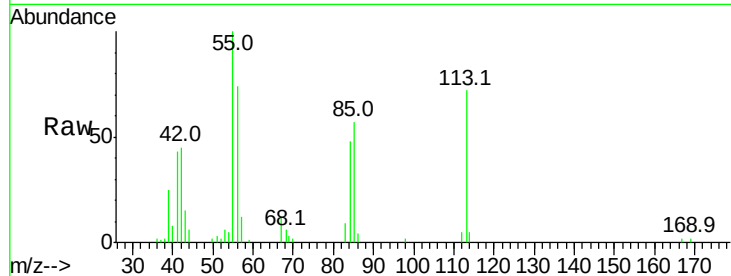
Tot Ion:113 Resp: 27775

Ion Ratio Lower Upper

113 100

55 138.8 163.3 203.3#

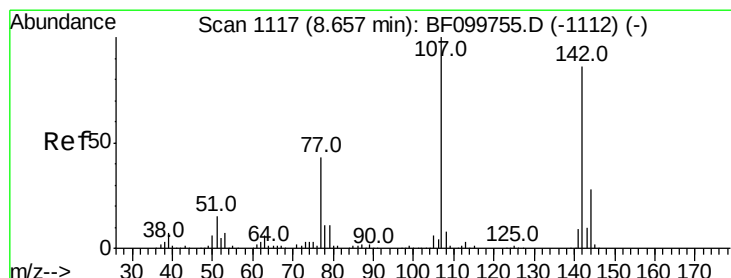
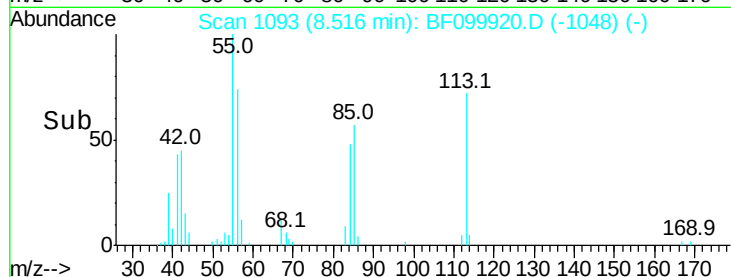
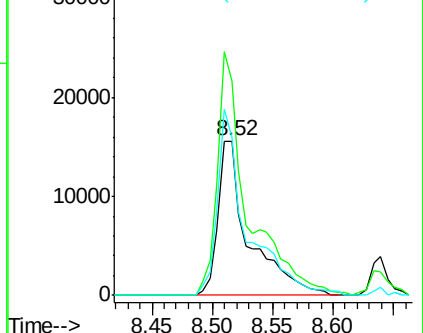
56 102.1 115.7 155.7#



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: 24.555 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

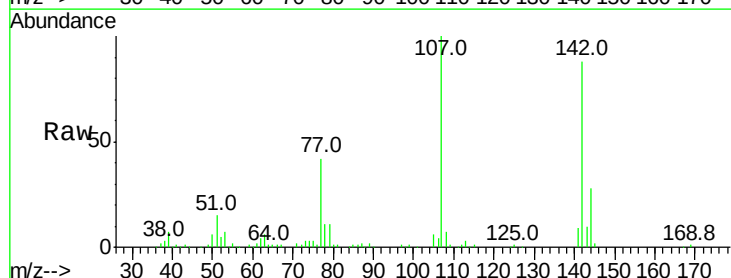
Tgt Ion:107 Resp: 134198

Ion Ratio Lower Upper

107 100

144 28.3 20.5 30.7

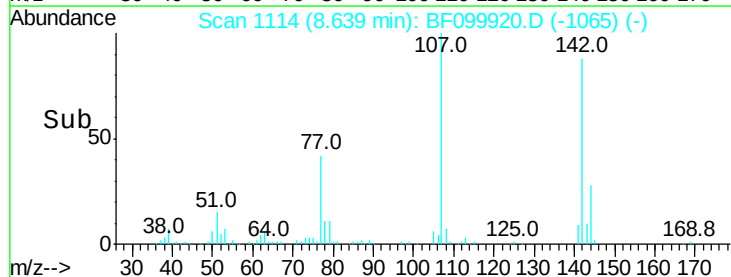
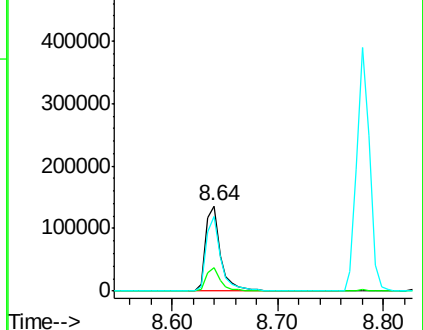
142 87.8 62.0 93.0

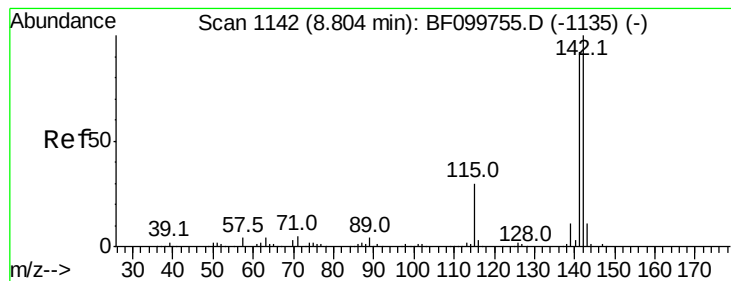


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.714 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampled :

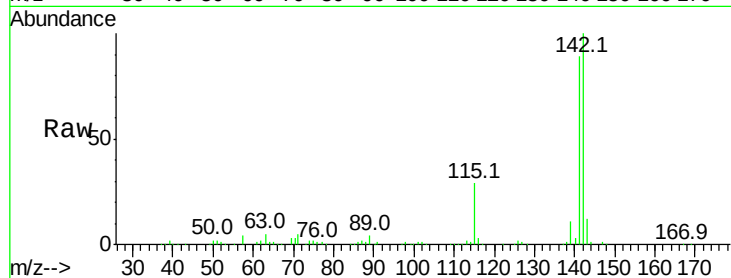
Tot Ion:142 Resp: 324630

Ion Ratio Lower Upper

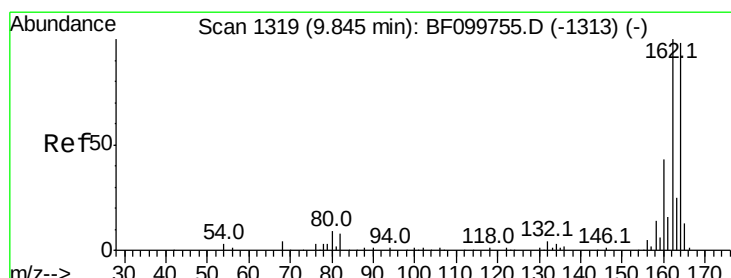
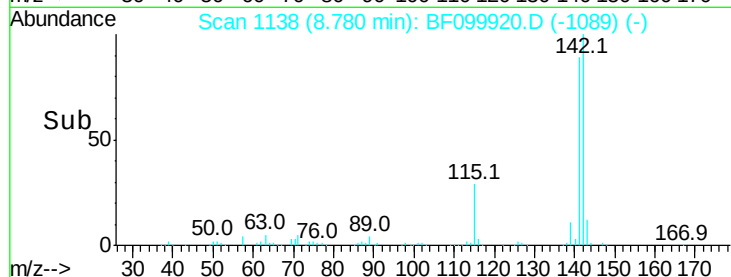
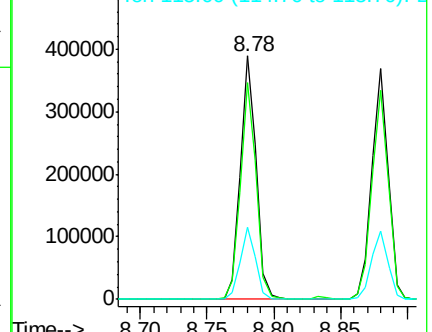
142 100

141 89.1 70.8 106.2

115 29.4 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

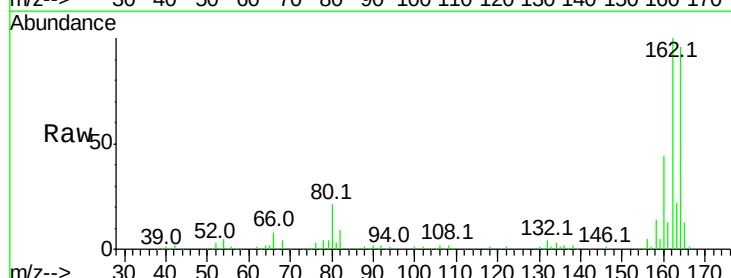
Tgt Ion:164 Resp: 174824

Ion Ratio Lower Upper

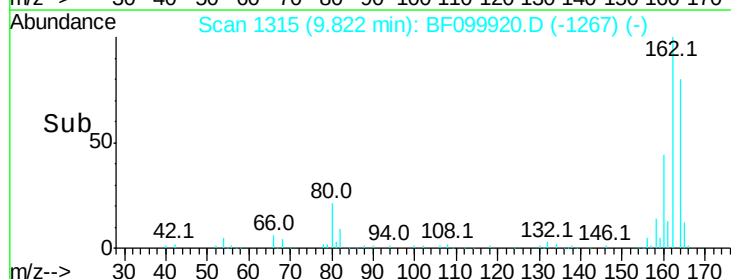
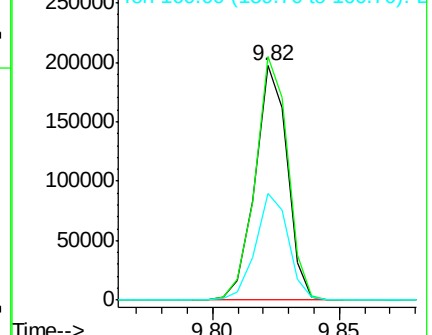
164 100

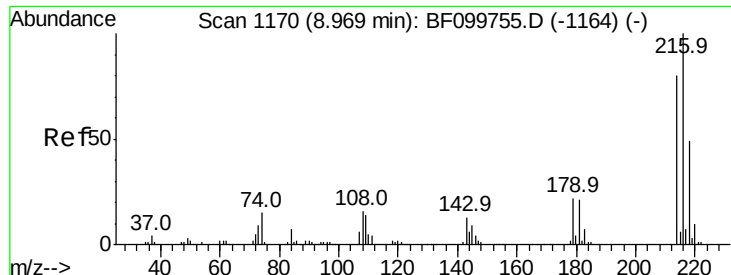
162 103.9 86.1 129.1

160 45.3 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

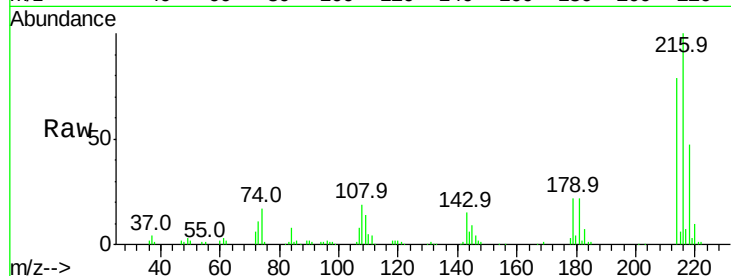




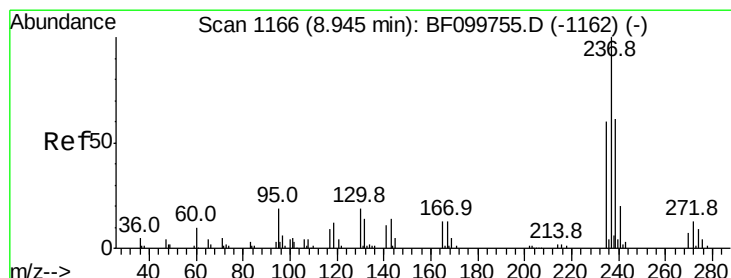
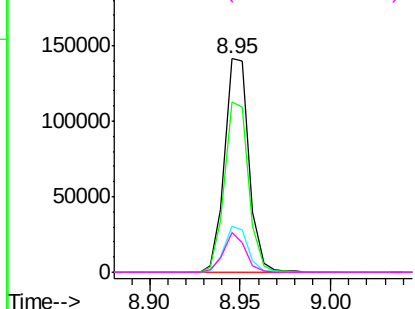
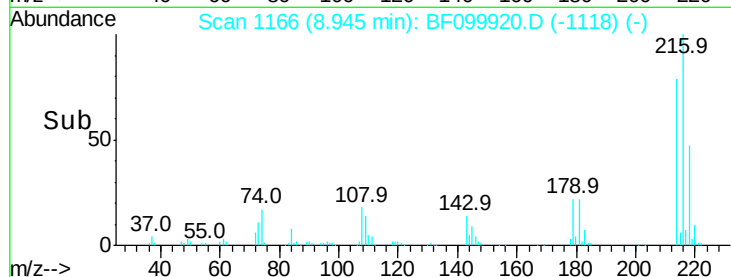
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.575 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	133114
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	21.1	18.1	27.1
108	16.7	17.2	25.8#

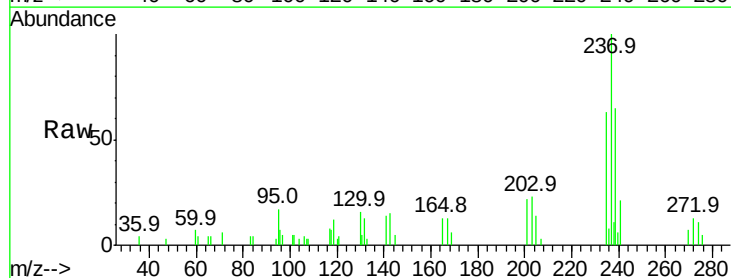


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

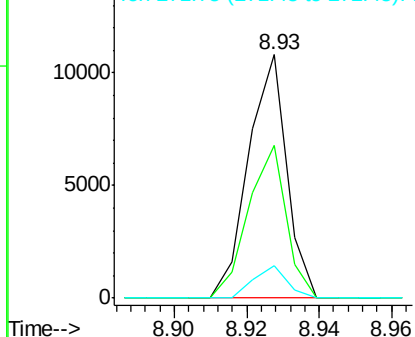
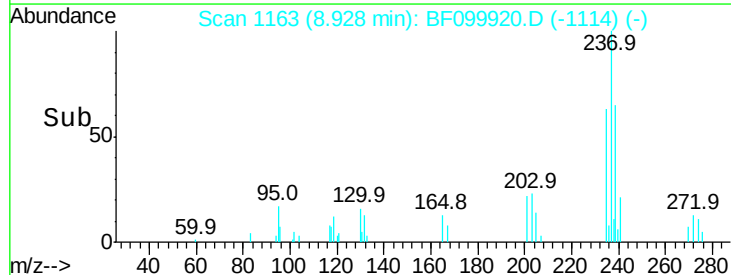


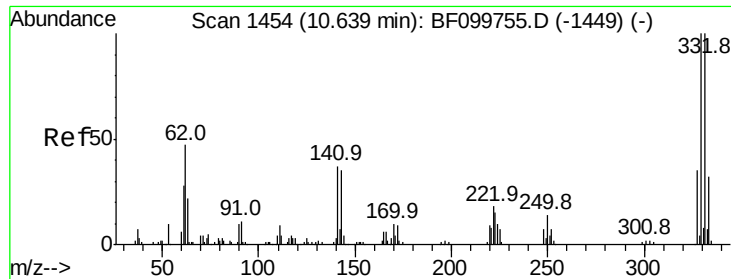
#40
 Hexachlorocyclopentadiene
 Concen: 18.122 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:	237	Resp:	7987
Ion	Ratio	Lower	Upper
237	100		
235	62.7	44.8	84.8
272	13.1	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

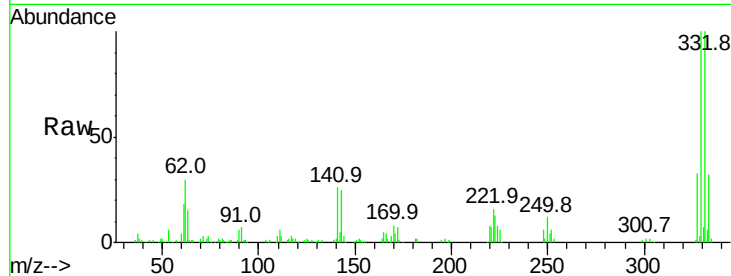




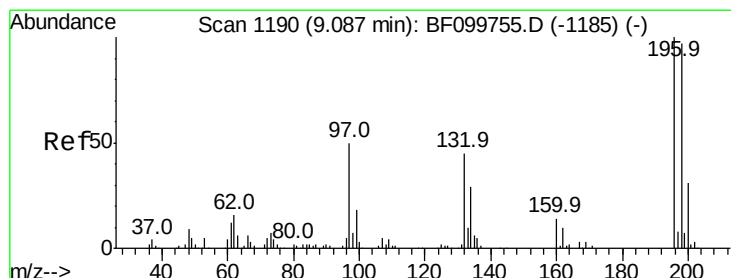
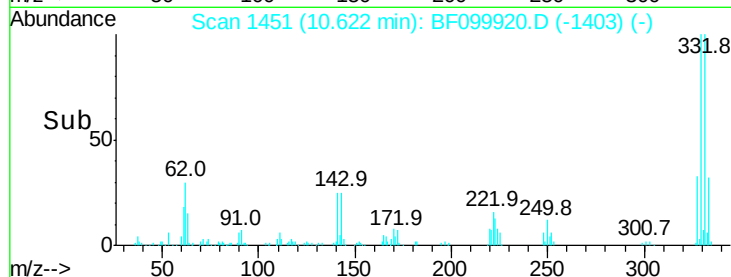
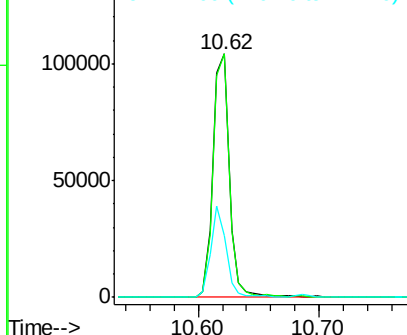
#41
 2,4,6-Tribromophenol
 Concen: 61.292 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 97650
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 35.5 29.9 44.9

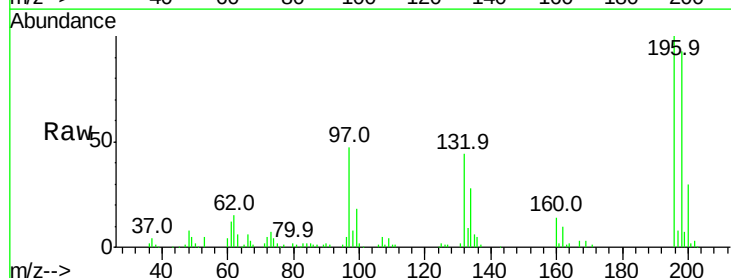


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

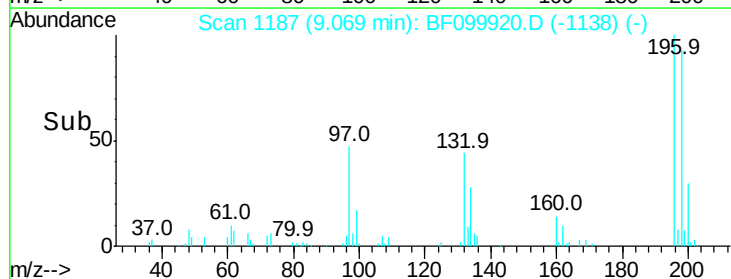
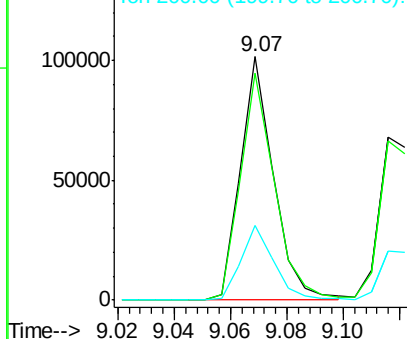


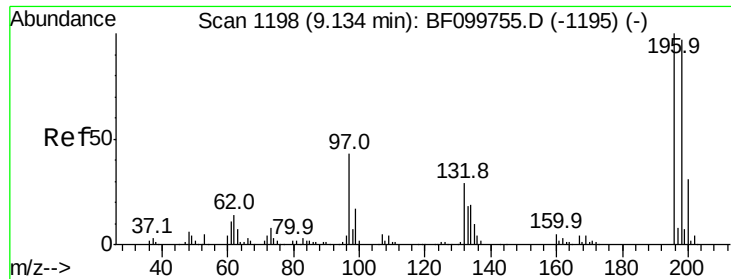
#42
 2,4,6-Trichlorophenol
 Concen: 24.341 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:196 Resp: 83133
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.7 113.5
 200 30.4 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

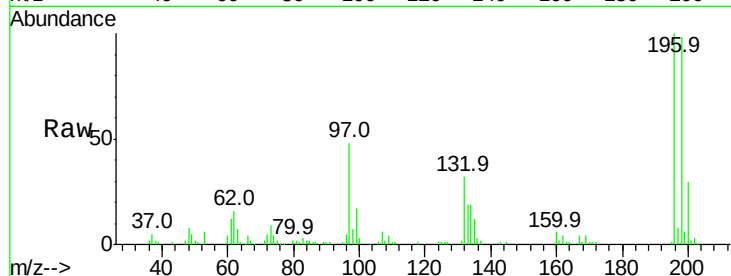




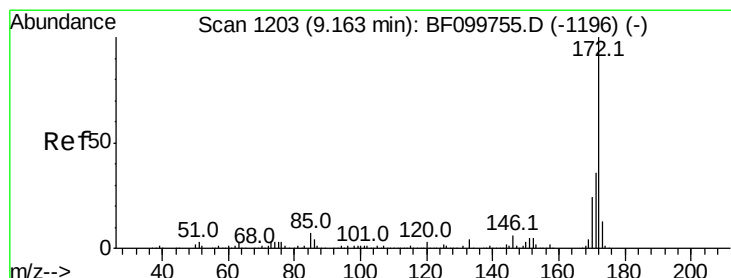
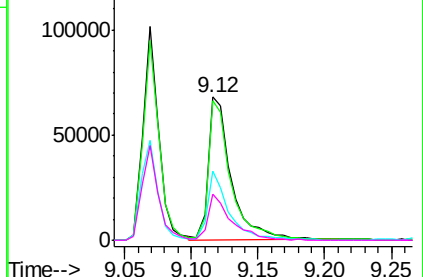
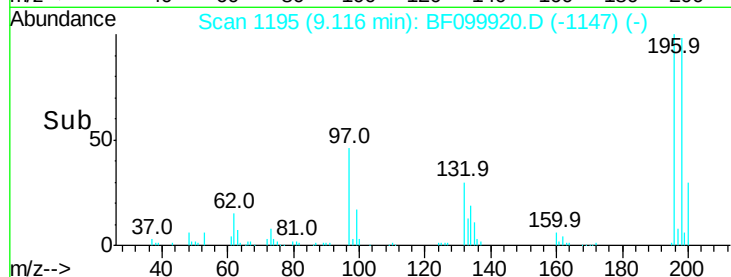
#43
 2,4,5-Trichlorophenol
 Concen: 22.570 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	81803
Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.6	112.0
97	48.1	42.9	64.3
132	31.9	26.3	39.5

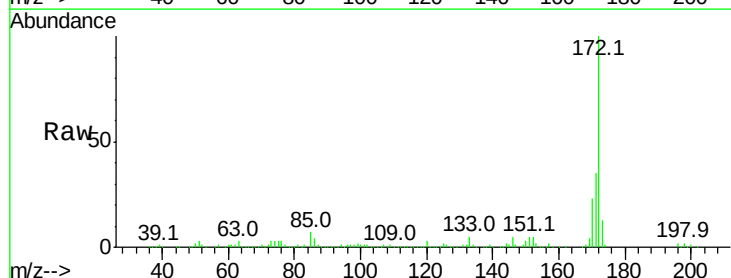


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

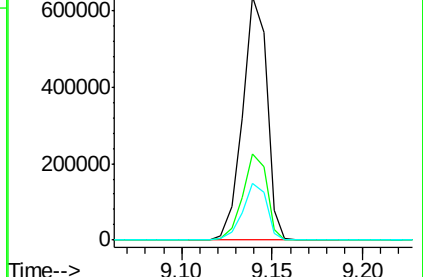
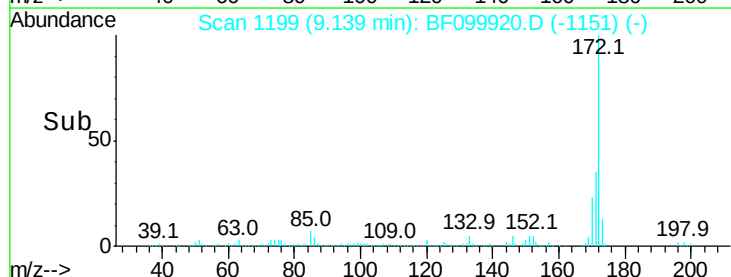


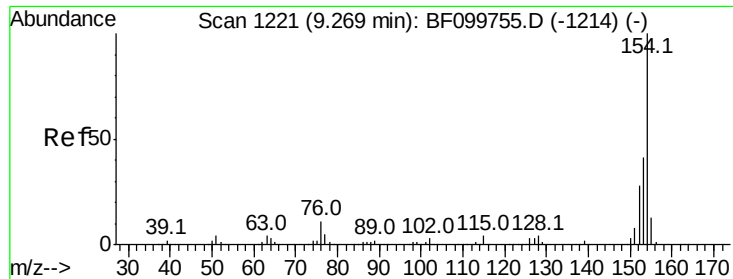
#44
 2-Fluorobiphenyl
 Concen: 52.443 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:	172	Resp:	594244
Ion	Ratio	Lower	Upper
172	100		
171	35.3	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

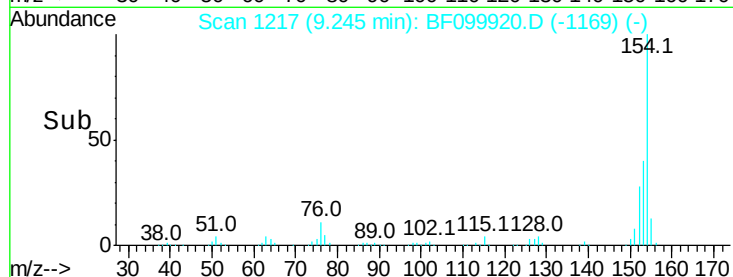
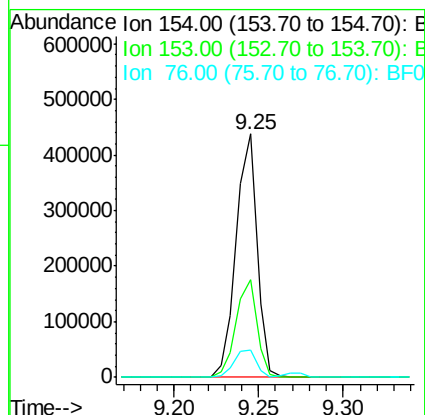
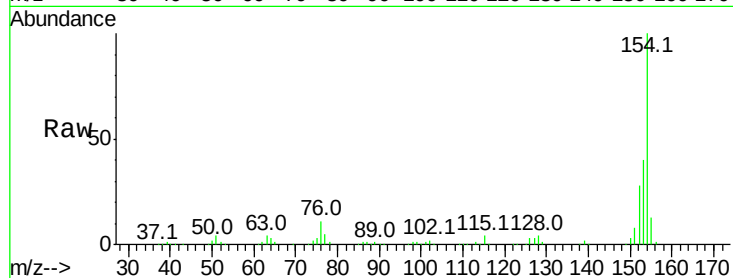




#45
 1,1'-Biphenyl
 Concen: 23.836 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

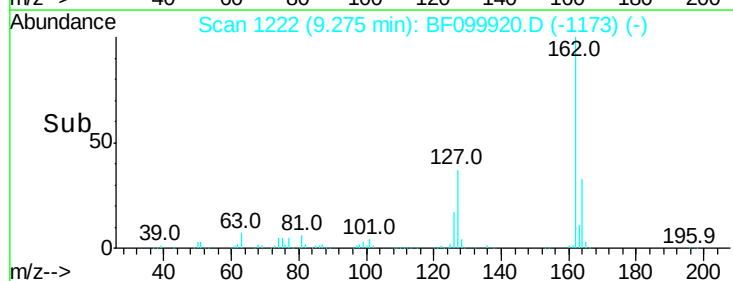
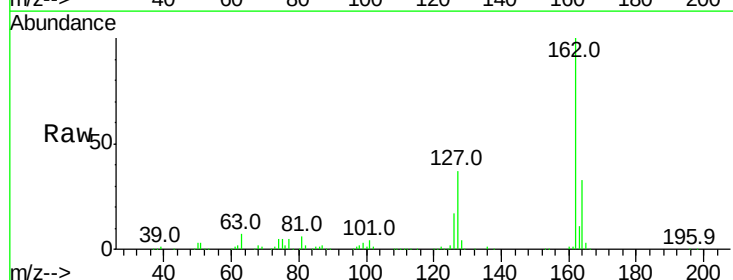
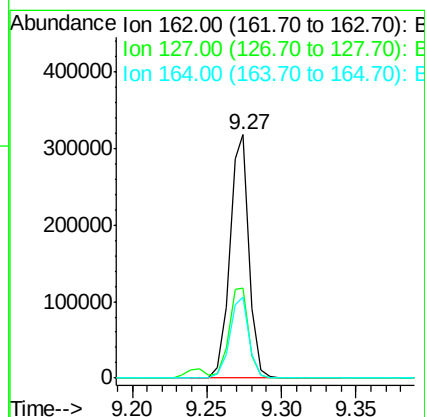
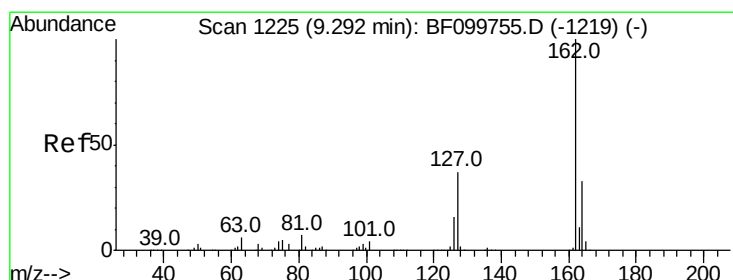
Instrument :
 BNA_F
 ClientSampled :

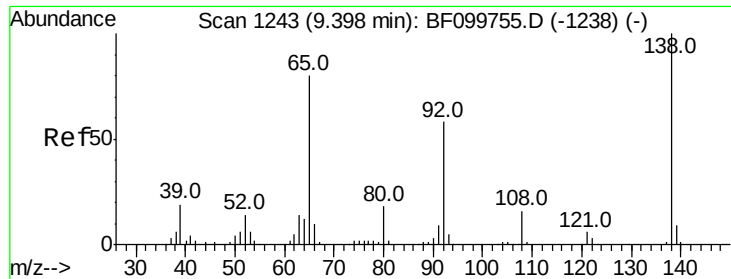
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	11.2	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 25.242 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	33.9	50.9
164	33.3	26.5	39.7

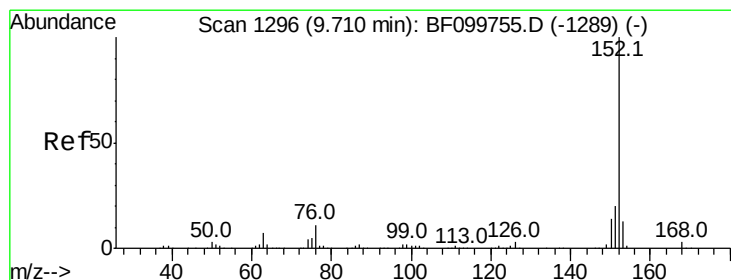
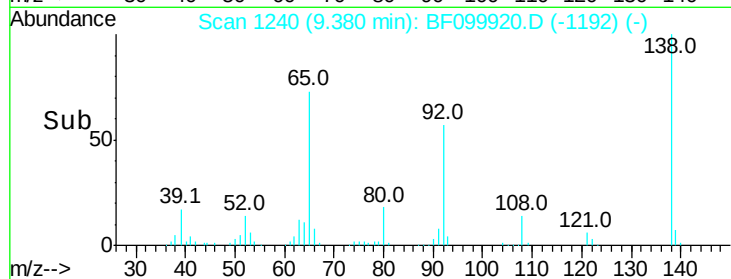
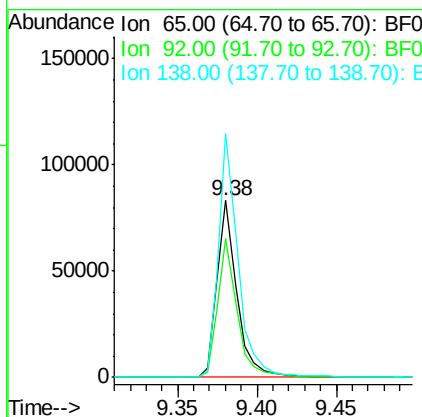
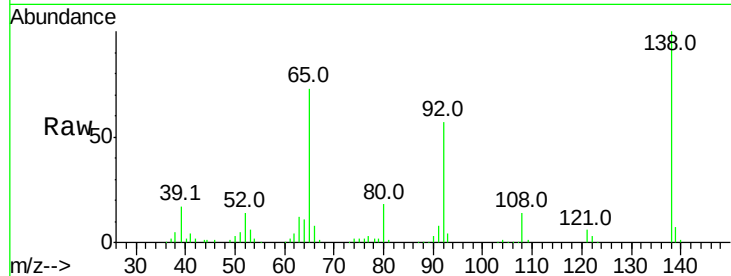




#47
 2-Nitroaniline
 Concen: 24.025 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

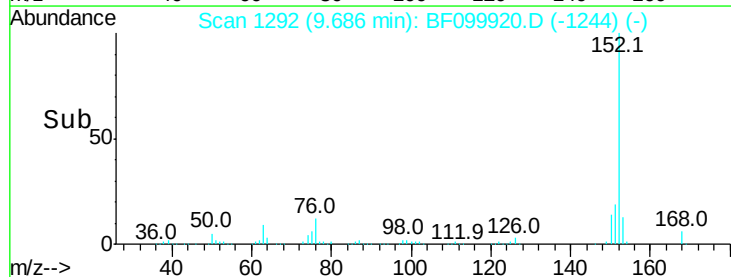
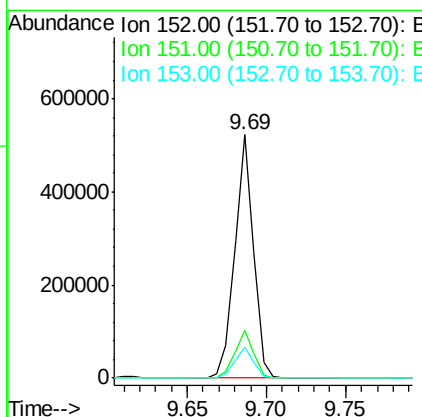
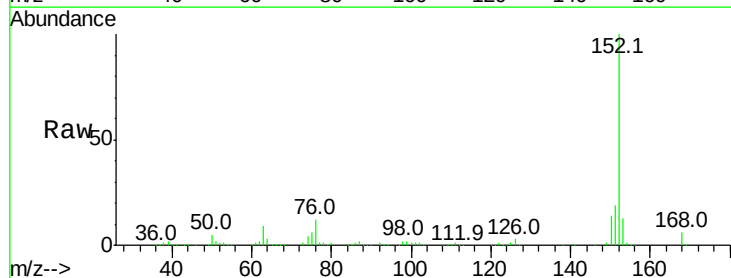
Instrument :
 BNA_F
 ClientSampled :

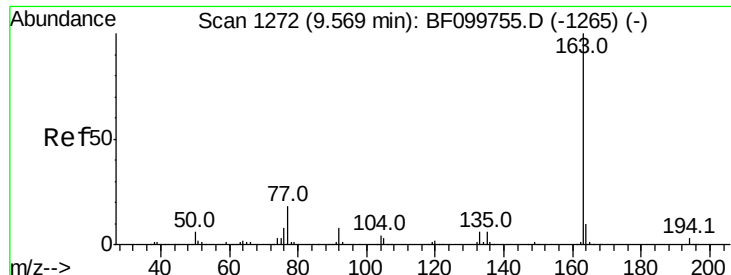
Tot Ion: 65 Resp: 72423
 Ion Ratio Lower Upper
 65 100
 92 78.6 55.8 83.6
 138 137.7 91.2 136.8#



#48
 Acenaphthylene
 Concen: 24.089 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion: 152 Resp: 426142
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.3 24.5
 153 12.8 10.7 16.1

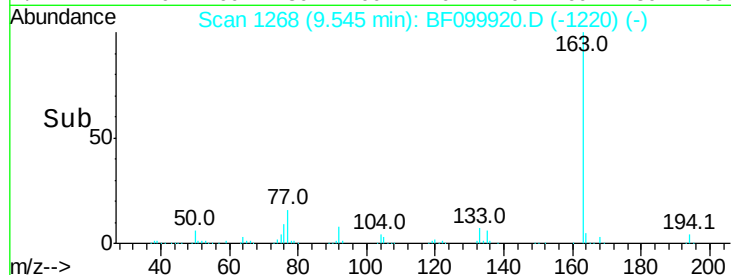
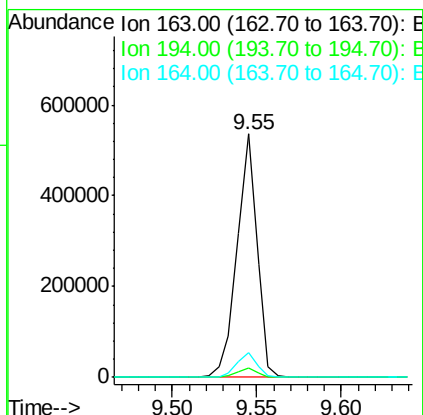
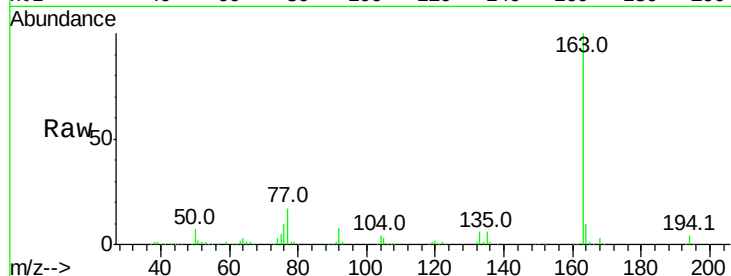




#49
Dimethylphthalate
Concen: 31.866 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

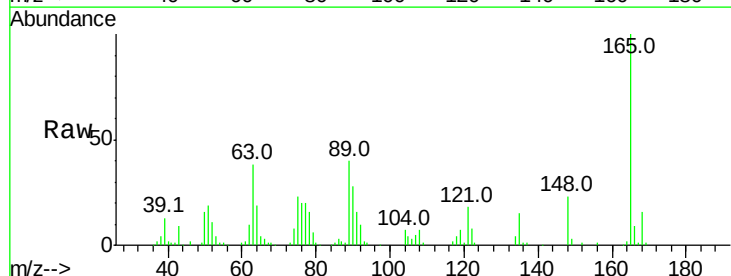
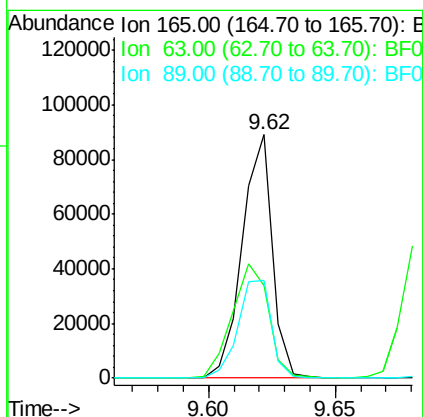
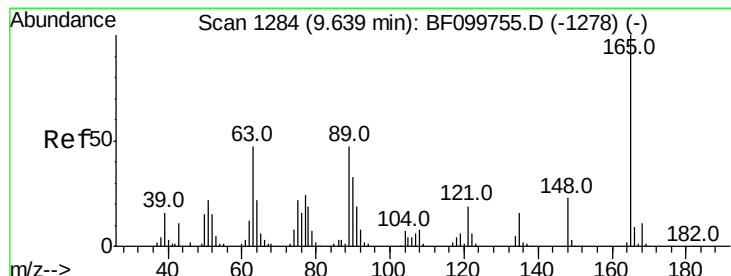
Instrument :
BNA_F
ClientSampleId :

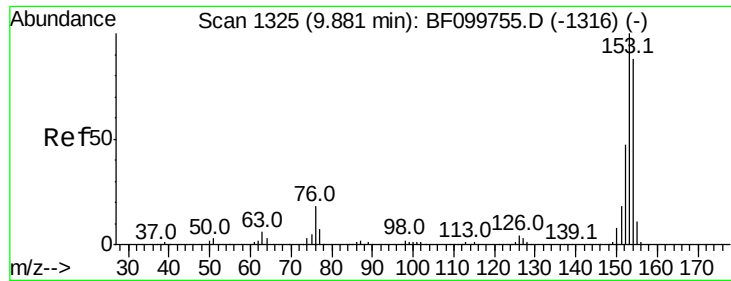
Tot Ion:163 Resp: 441175
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 25.140 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion:165 Resp: 73168
Ion Ratio Lower Upper
165 100
63 38.1 44.7 67.1#
89 40.2 44.0 66.0#





#51

Acenaphthene

Concen: 24.218 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

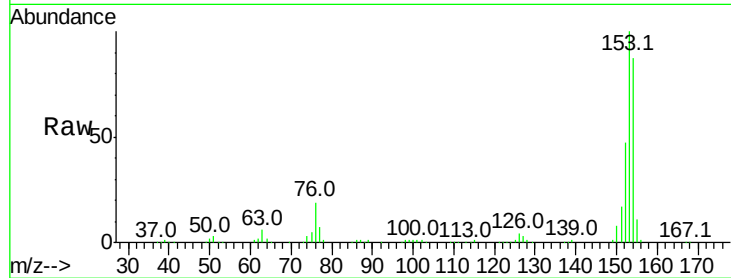
Tot Ion:154 Resp: 261775

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

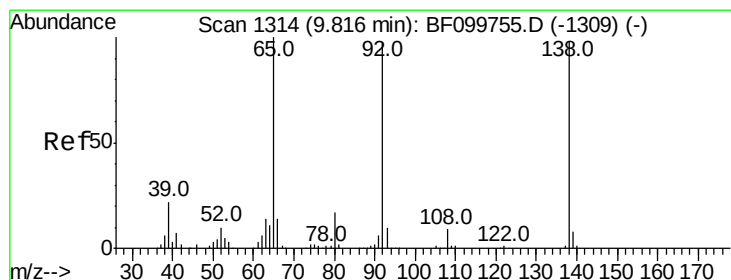
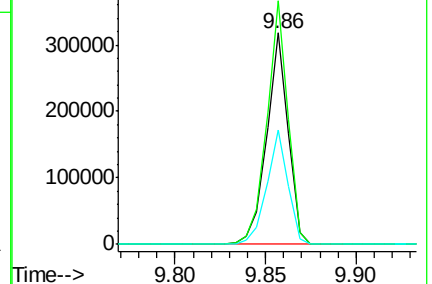
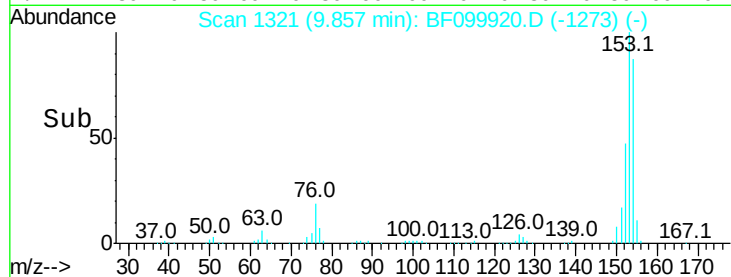
152 54.2 43.8 65.8



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: 20.063 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

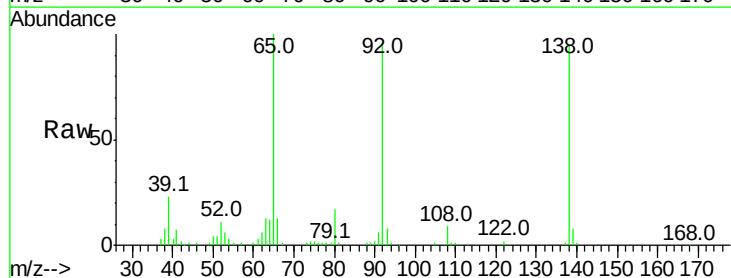
Tgt Ion:138 Resp: 68803

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

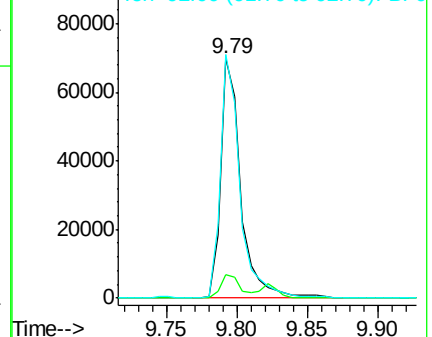
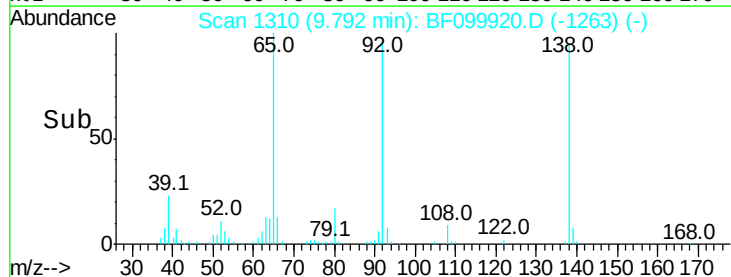
92 101.7 89.4 134.2

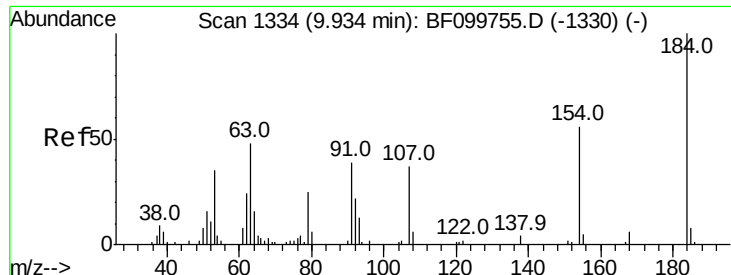


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

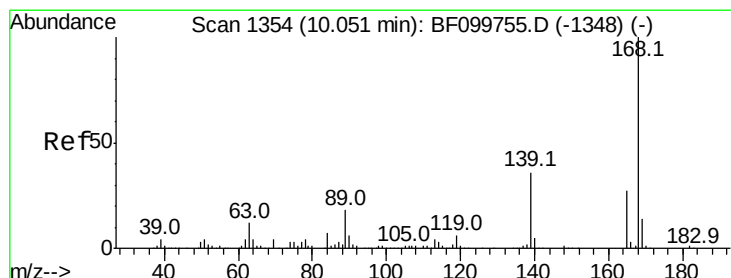
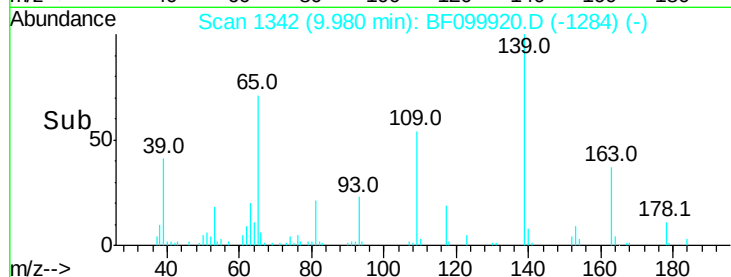
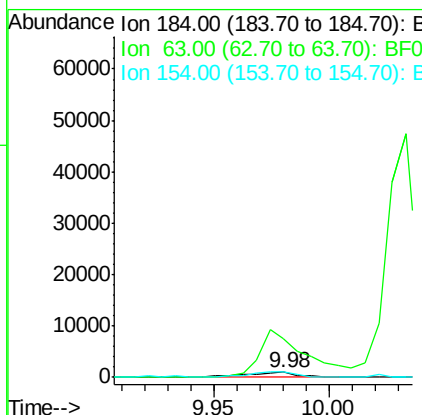
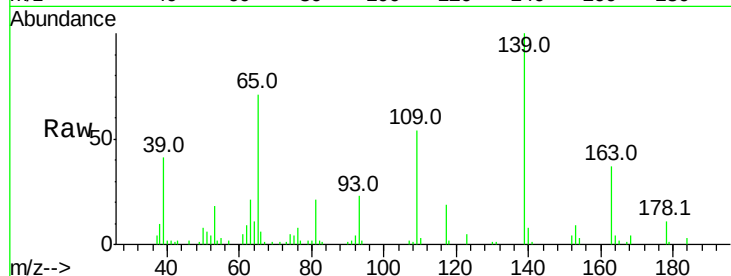




#53
 2,4-Dinitrophenol
 Concen: 7.009 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.04 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

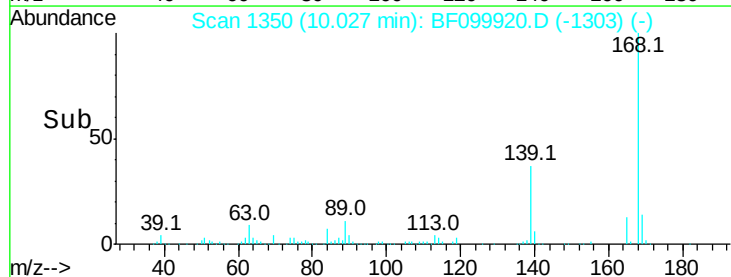
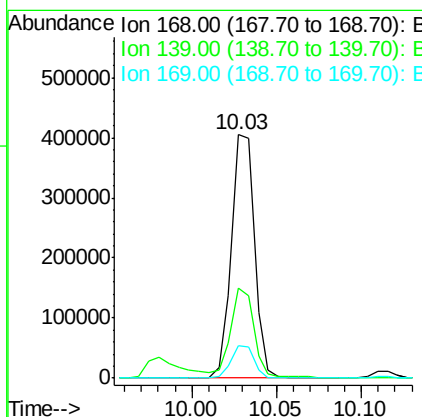
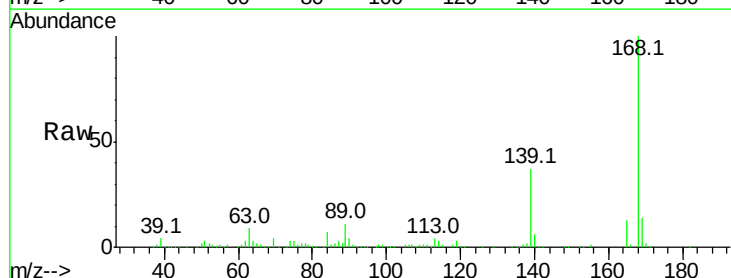
Instrument :
 BNA_F
 ClientSampleId :

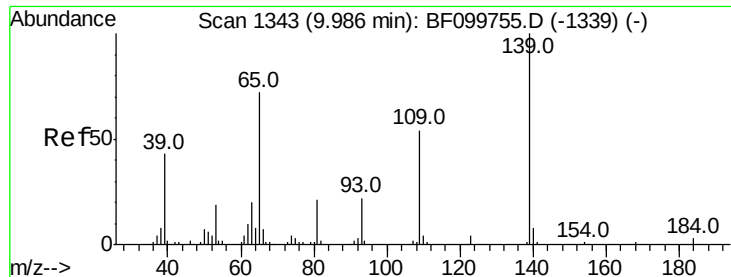
Tot Ion:184 Resp: 1545
 Ion Ratio Lower Upper
 184 100
 63 772.7 54.2 81.2#
 154 105.6 53.5 80.3#



#54
 Dibenzofuran
 Concen: 25.125 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:168 Resp: 383356
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 28.094 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampled :

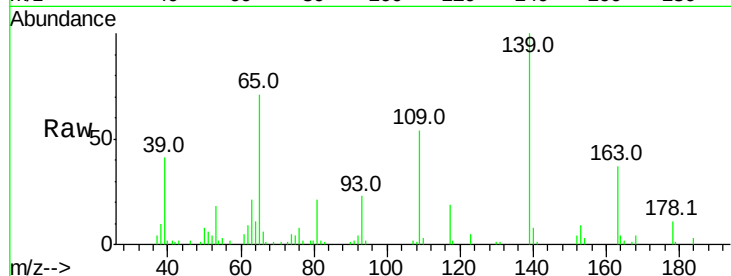
Tot Ion:139 Resp: 50340

Ion Ratio Lower Upper

139 100

109 53.7 48.4 88.4

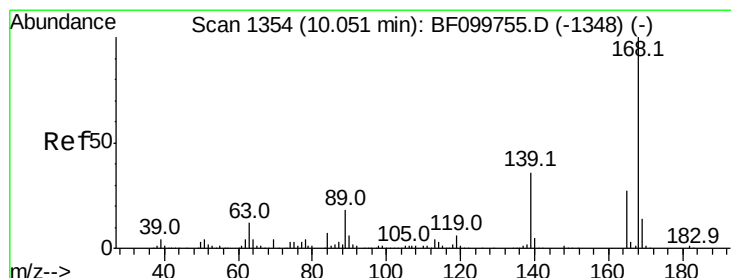
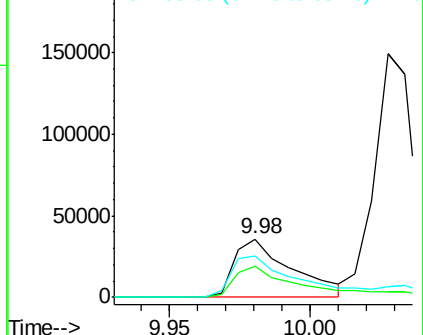
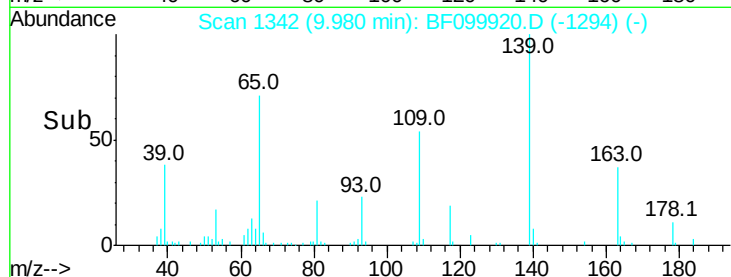
65 70.7 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 25.248 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Tgt Ion:165 Resp: 88496

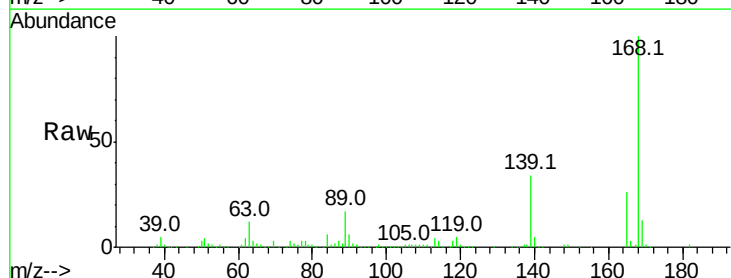
Ion Ratio Lower Upper

165 100

63 45.2 36.4 54.6

89 64.0 57.8 86.6

182 2.4 1.6 2.4#

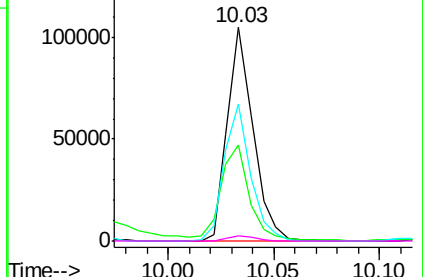
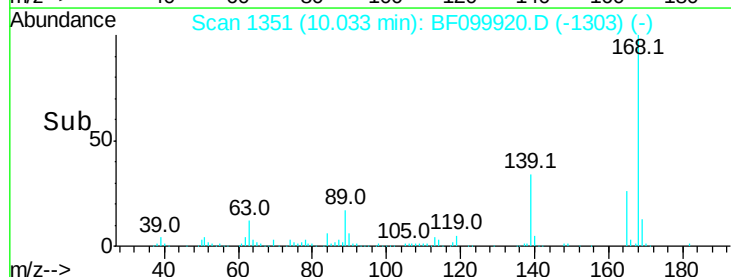


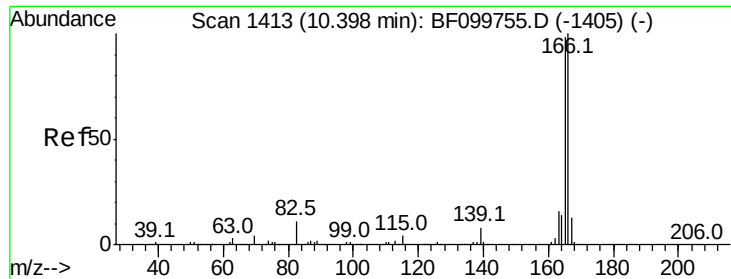
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

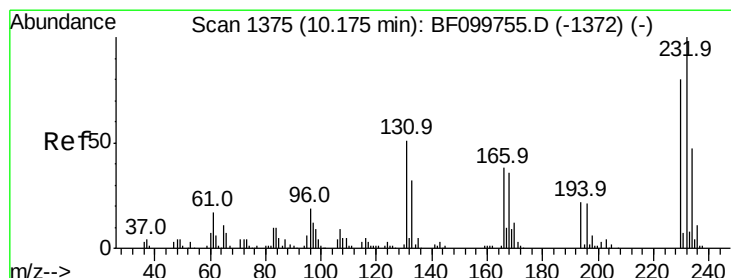
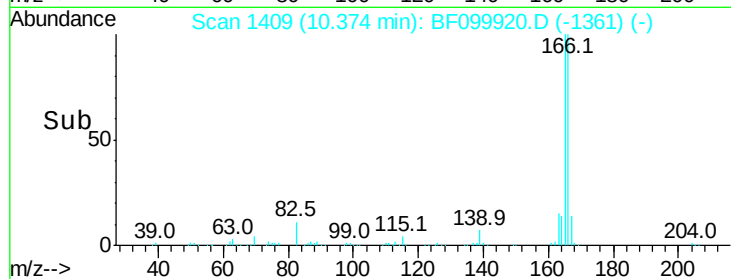
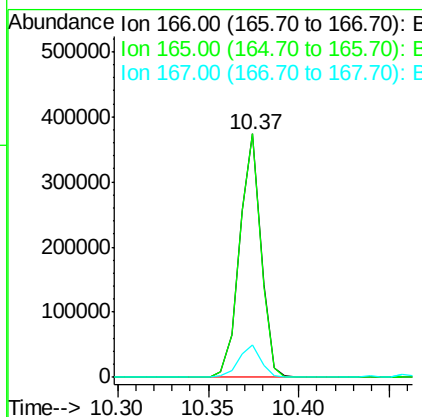
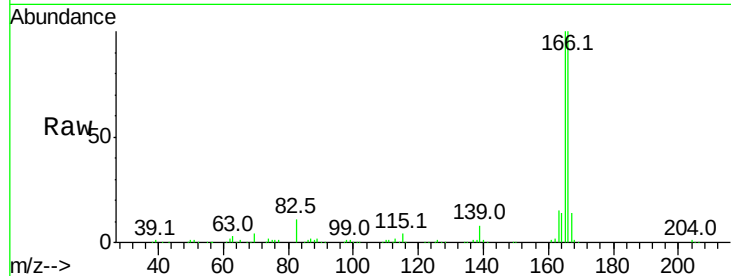




#57
 Fluorene
 Concen: 24.211 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

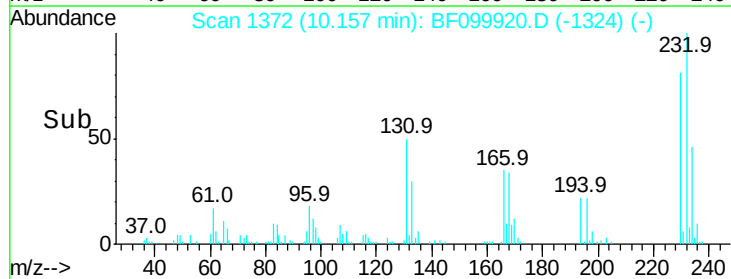
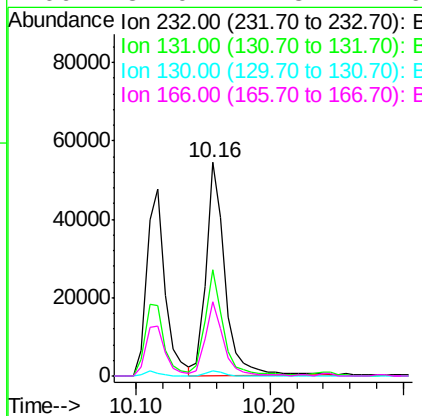
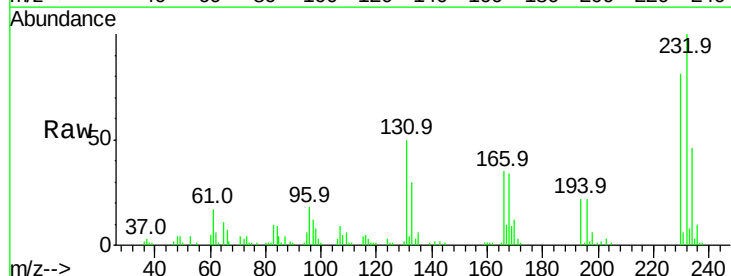
Instrument :
 BNA_F
 ClientSampled :

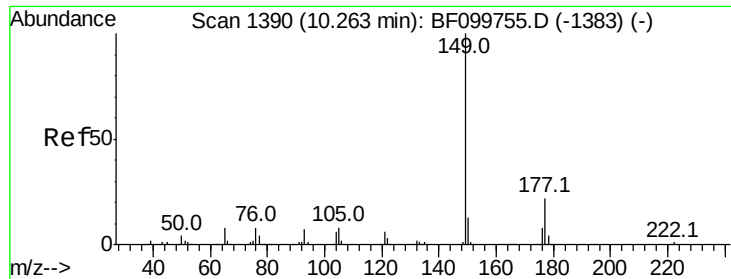
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.6	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.038 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	43.8	65.8
130	2.2	2.1	3.1
166	34.0	27.8	41.6

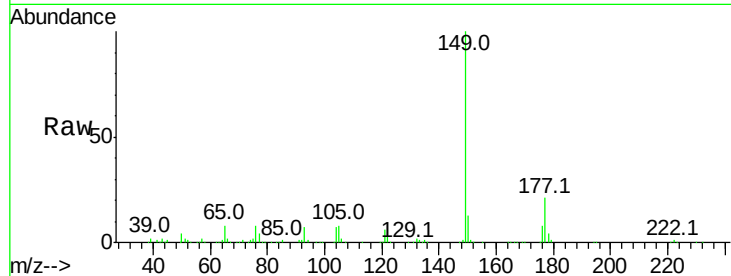




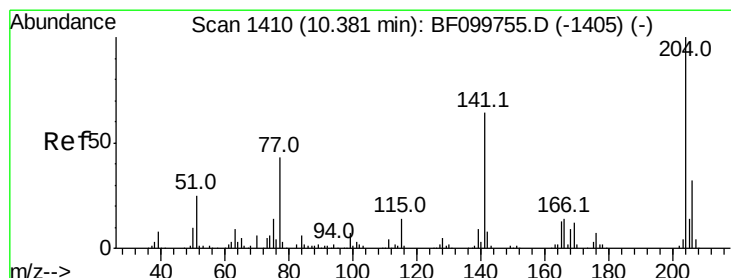
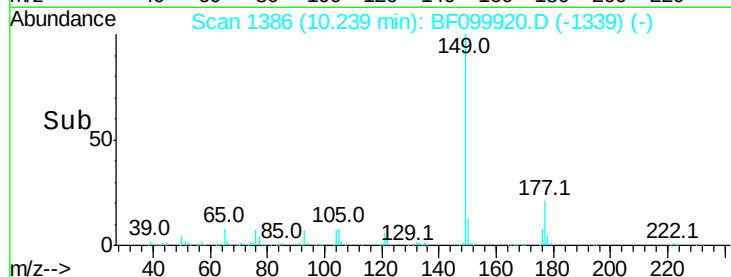
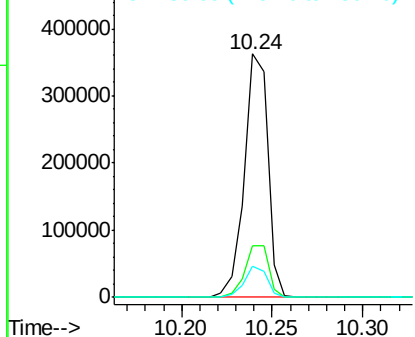
#59
Diethylphthalate
Concen: 24.148 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 326474
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.6 10.1 15.1

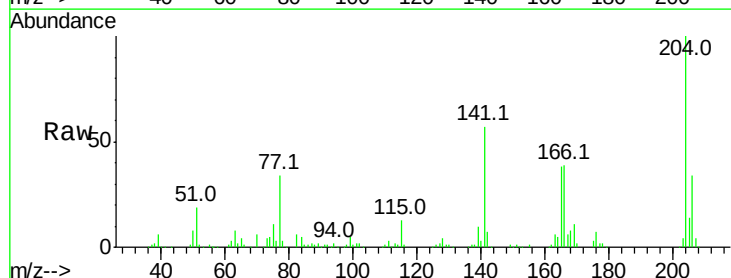


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

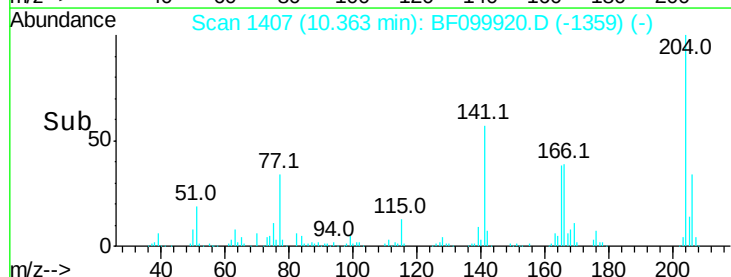
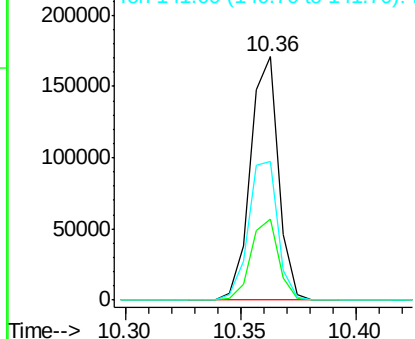


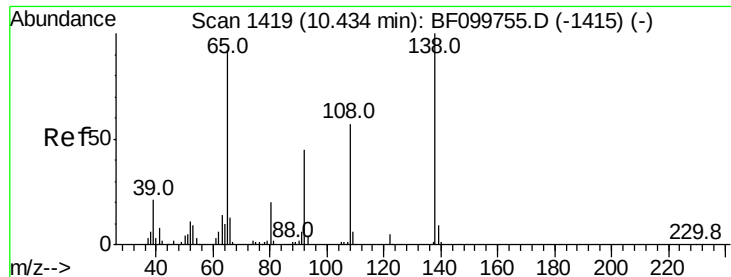
#60
4-Chlorophenyl-phenylether
Concen: 24.461 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion:204 Resp: 145435
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 56.9 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

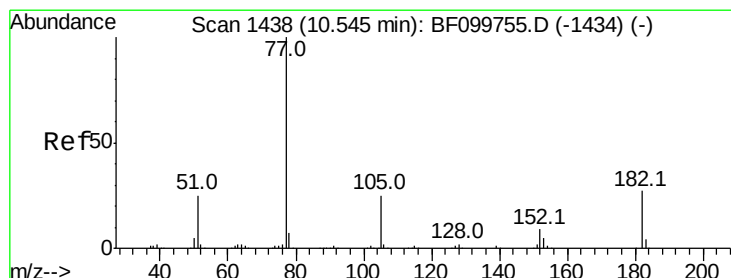
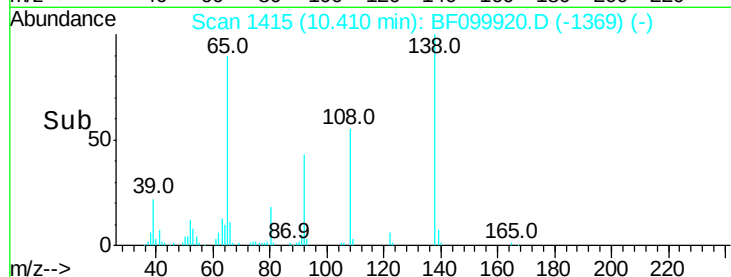
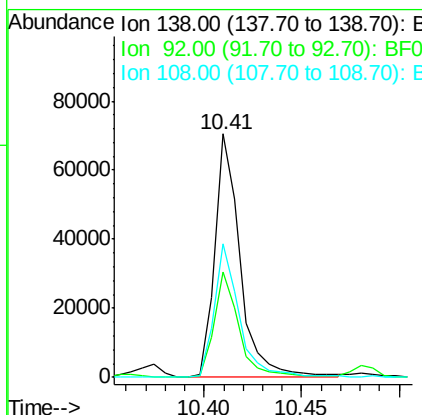
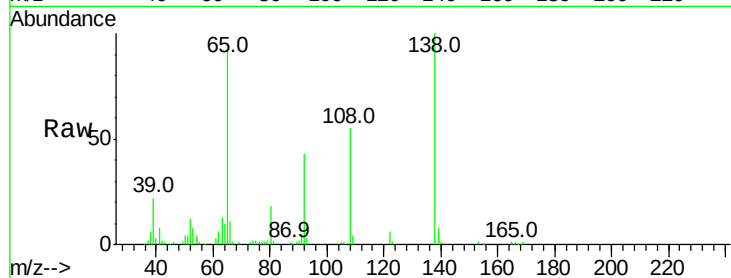




#61
4-Nitroaniline
Concen: 19.515 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

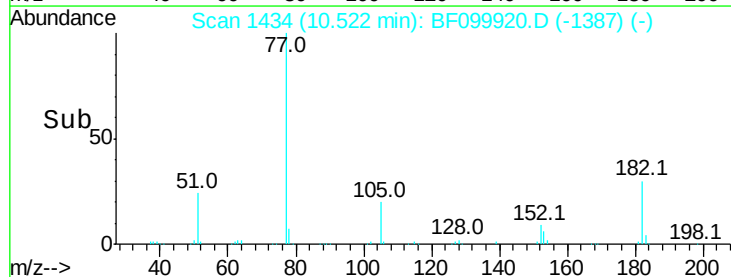
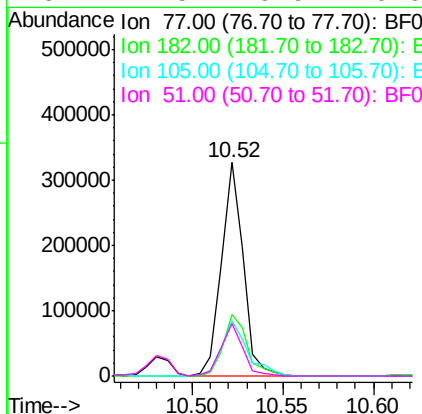
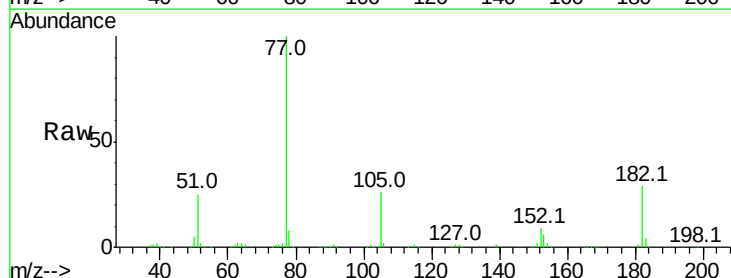
Instrument :
BNA_F
ClientSampleId :

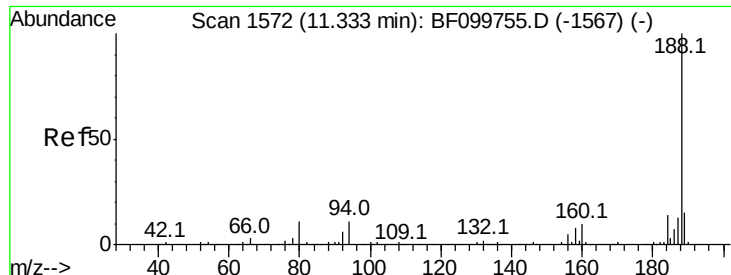
Tot Ion:138 Resp: 63850
Ion Ratio Lower Upper
138 100
92 43.4 30.2 70.2
108 55.0 52.5 92.5



#62
Azobenzene
Concen: 24.008 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion: 77 Resp: 272092
Ion Ratio Lower Upper
77 100
182 29.0 1.7 41.7
105 26.0 3.0 43.0
51 24.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

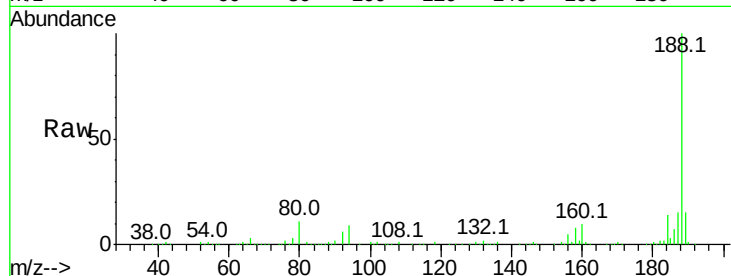
Tot Ion:188 Resp: 271897

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

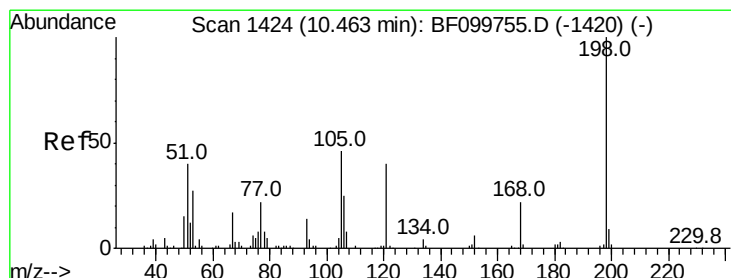
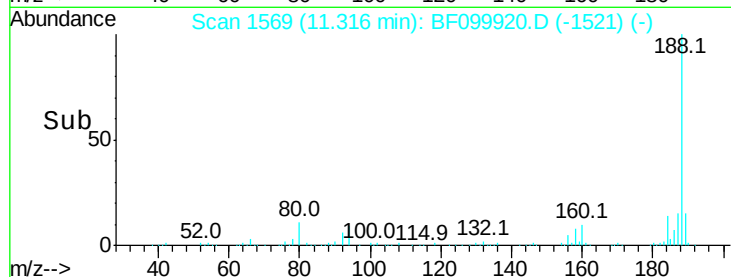
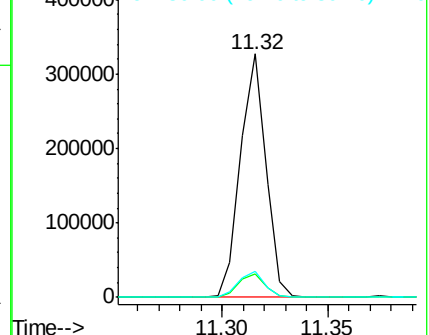
80 10.6 9.2 13.8



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: 3.520 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

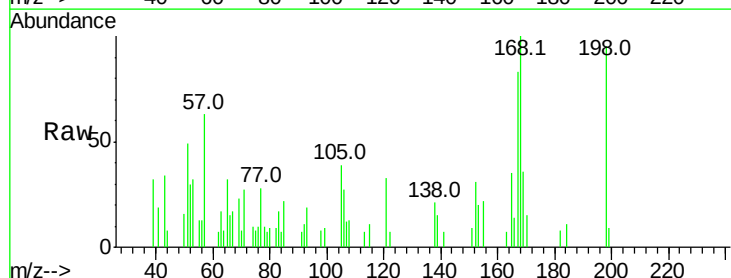
Tgt Ion:198 Resp: 6016

Ion Ratio Lower Upper

198 100

51 51.4 37.7 77.7

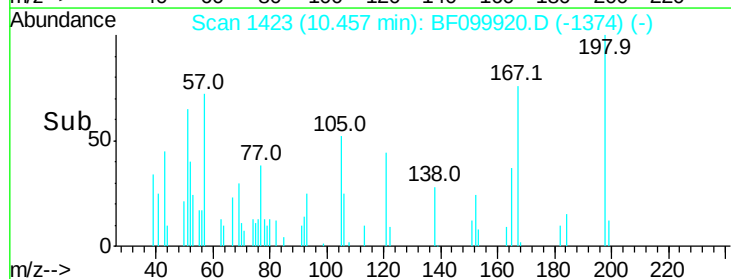
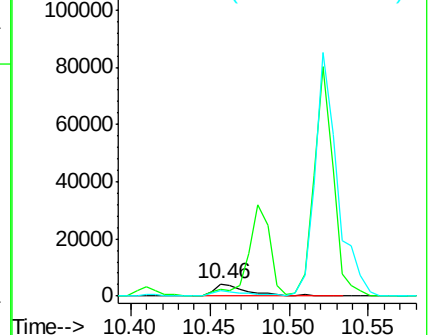
105 40.9 36.3 76.3

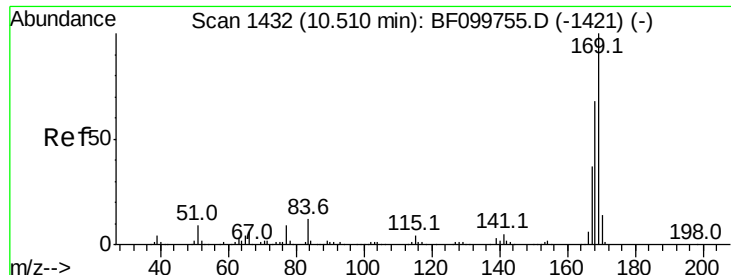


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

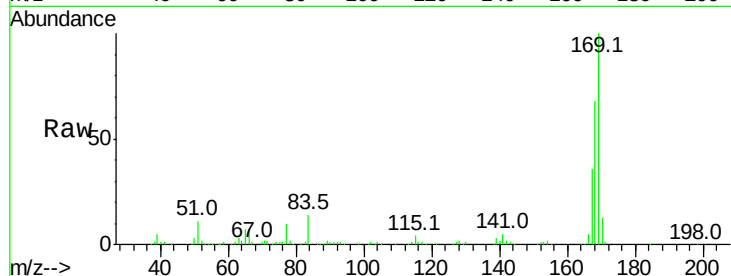




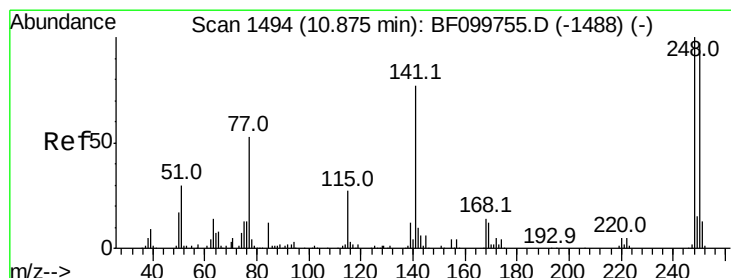
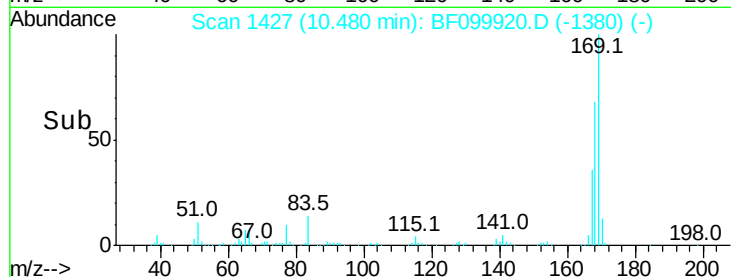
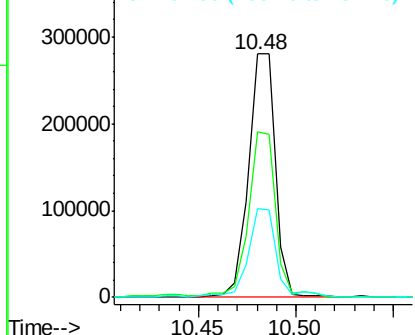
#65
n-Nitrosodiphenylamine
Concen: 26.514 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 266115
Ion Ratio Lower Upper
169 100
168 68.1 54.4 81.6
167 36.2 29.8 44.6

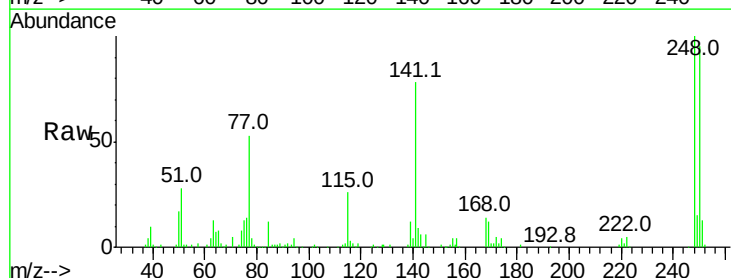


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

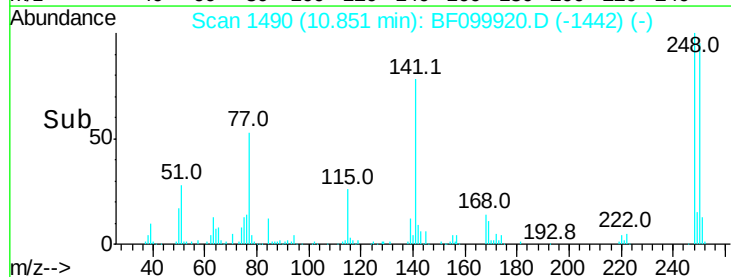
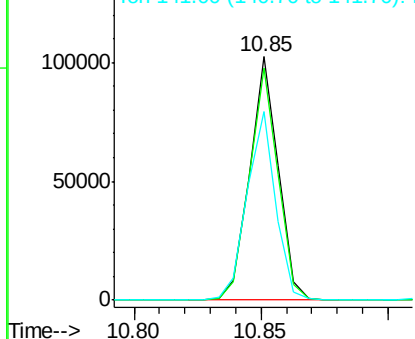


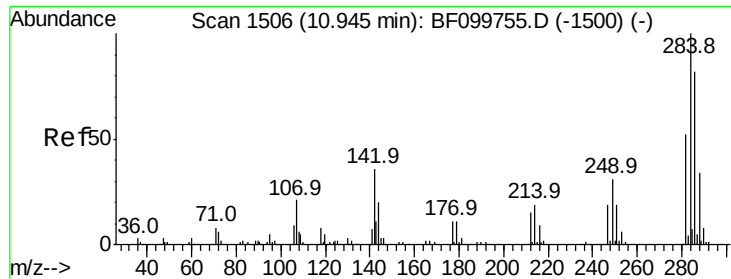
#66
4-Bromophenyl-phenylether
Concen: 27.942 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion:248 Resp: 79982
Ion Ratio Lower Upper
248 100
250 95.5 76.9 115.3
141 77.7 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: 25.592 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampled :

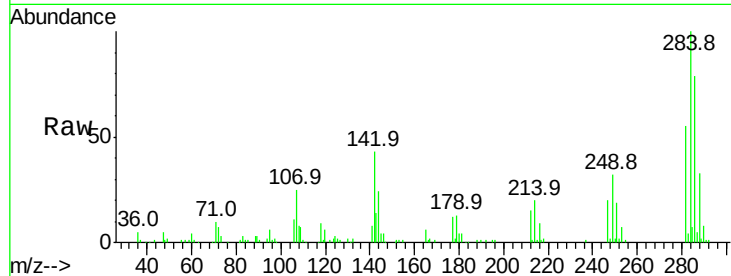
Tot Ion:284 Resp: 74943

Ion Ratio Lower Upper

284 100

142 42.6 34.6 52.0

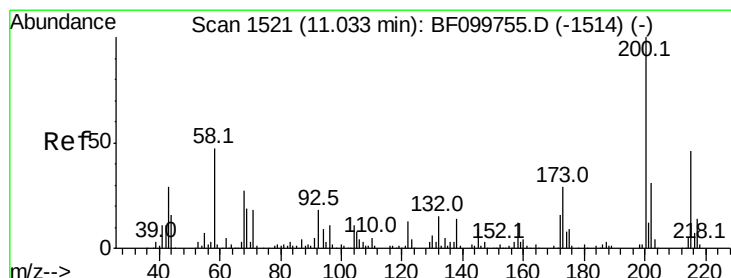
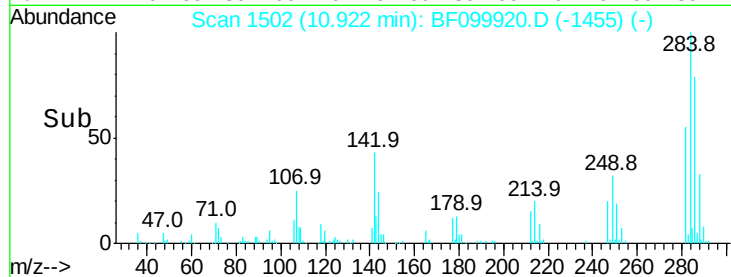
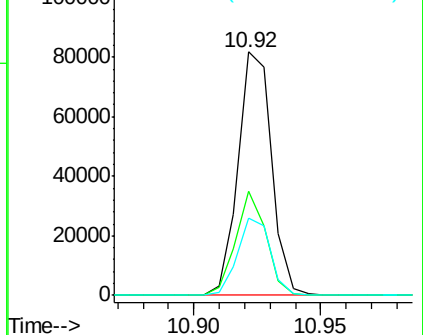
249 31.9 24.8 37.2



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: 26.627 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

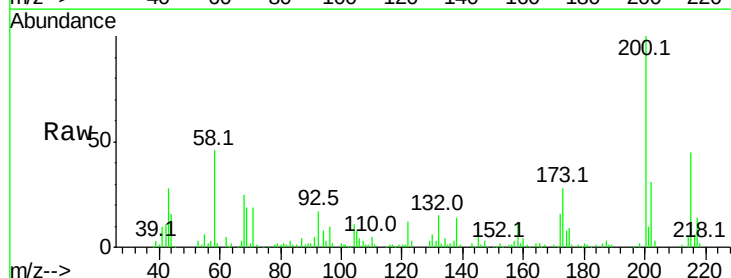
Tgt Ion:200 Resp: 80279

Ion Ratio Lower Upper

200 100

173 28.5 8.6 48.6

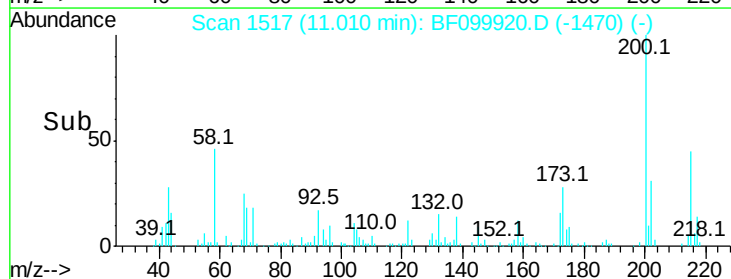
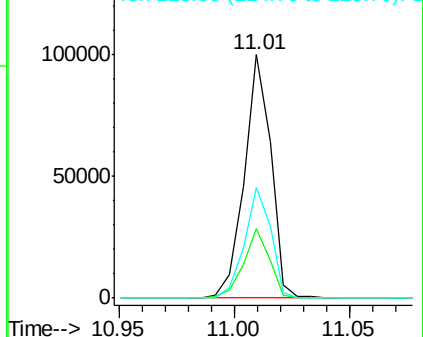
215 45.1 25.1 65.1

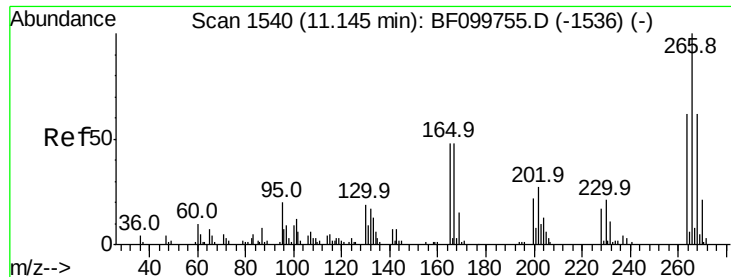


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

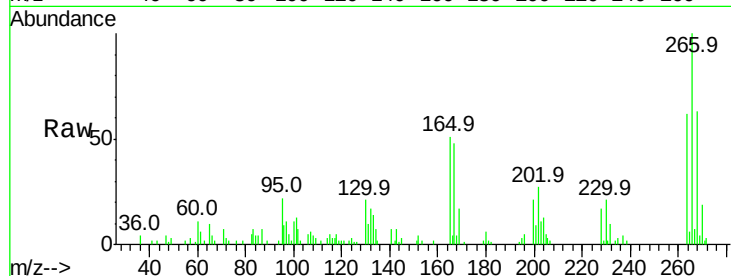




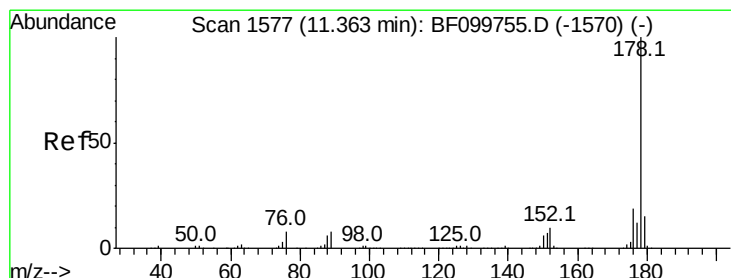
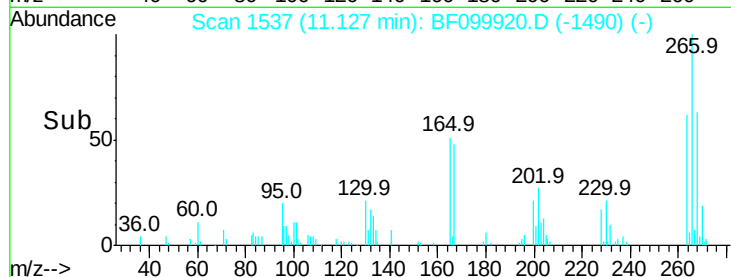
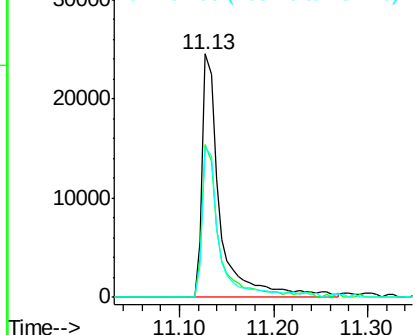
#69
 Pentachlorophenol
 Concen: 26.252 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 32849
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.1 76.7
 264 61.6 49.5 74.3

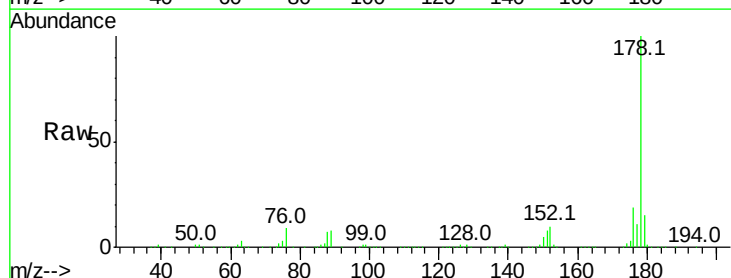


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

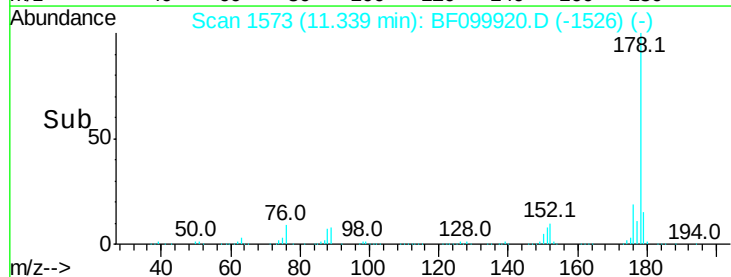
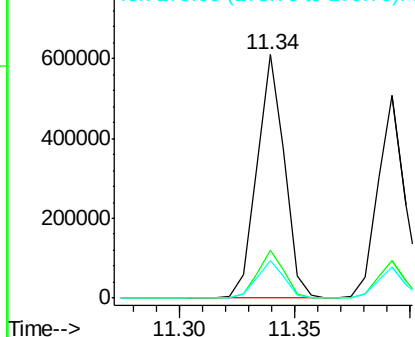


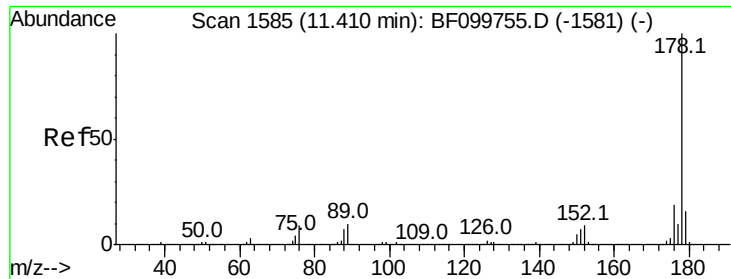
#70
 Phenanthrene
 Concen: 33.022 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:178 Resp: 506708
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 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

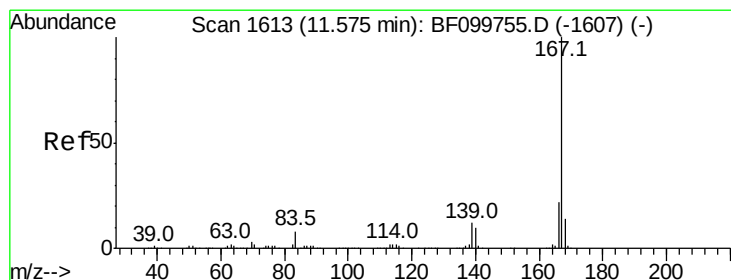
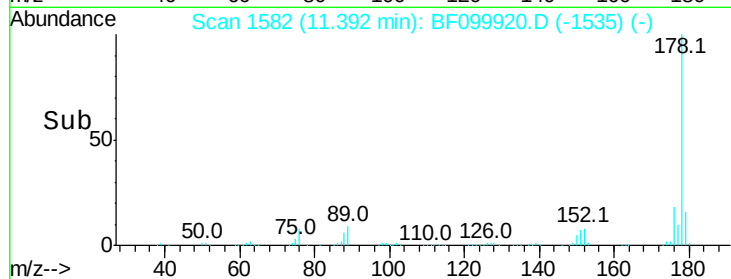
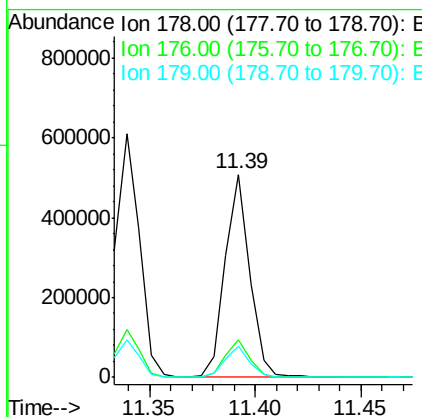
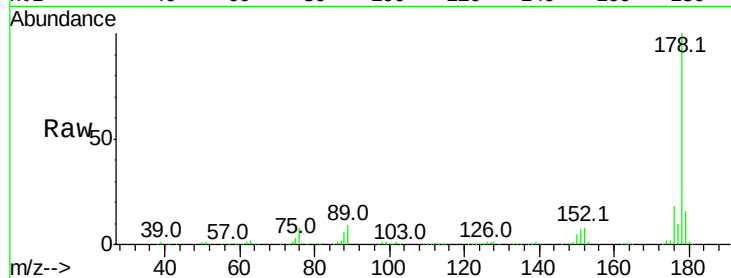




#71
 Anthracene
 Concen: 26.304 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

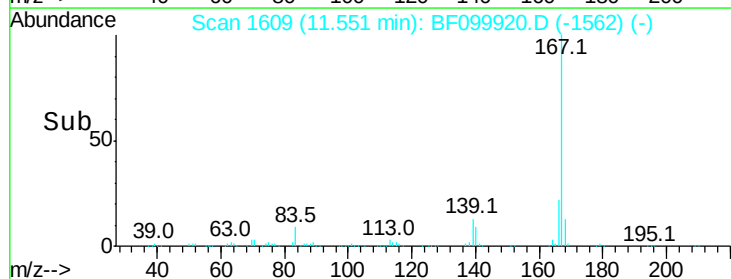
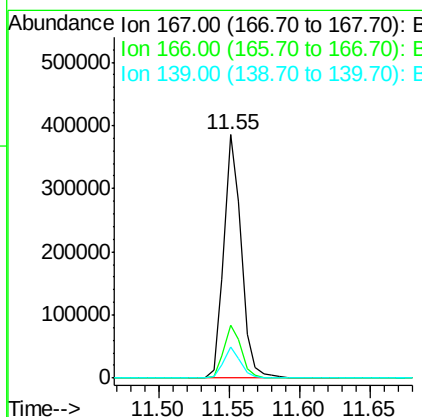
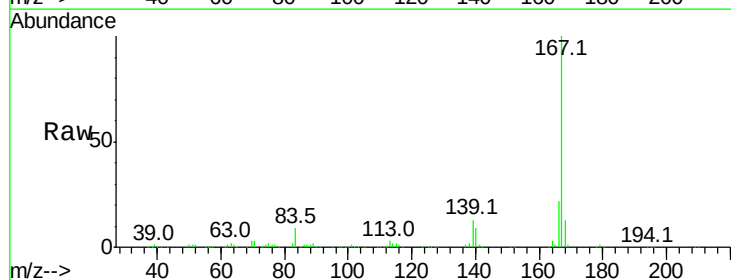
Instrument :
 BNA_F
 ClientSampleId :

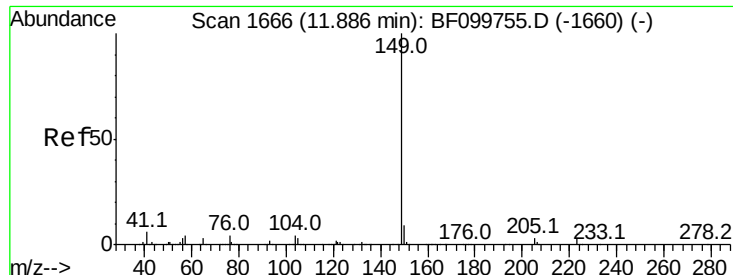
Tot Ion:178 Resp: 409701
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 22.704 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:167 Resp: 332536
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 25.633 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

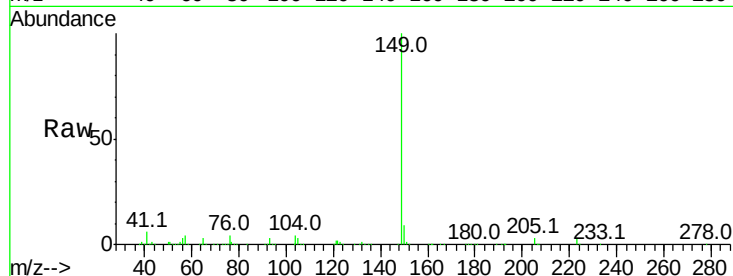
Tot Ion:149 Resp: 478875

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

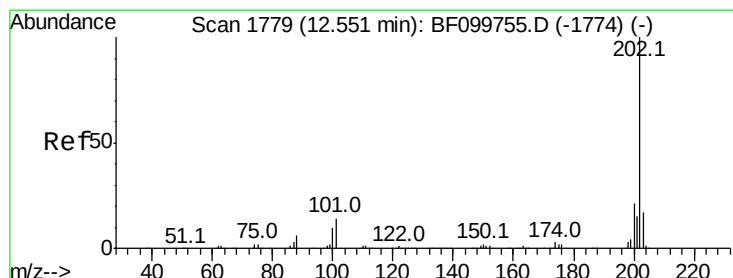
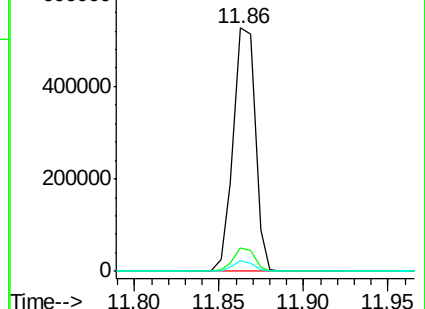
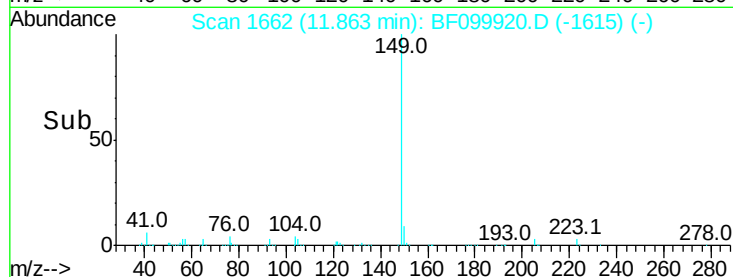
104 4.1 3.8 5.8



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: 27.773 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

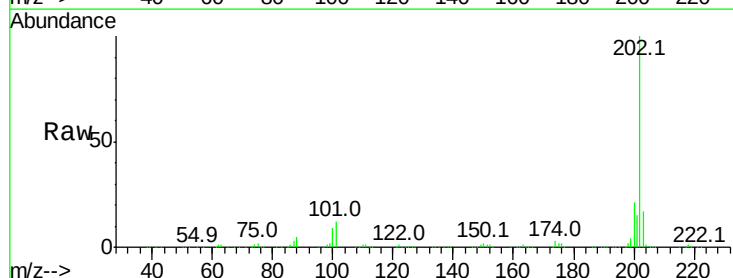
Tgt Ion:202 Resp: 442880

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

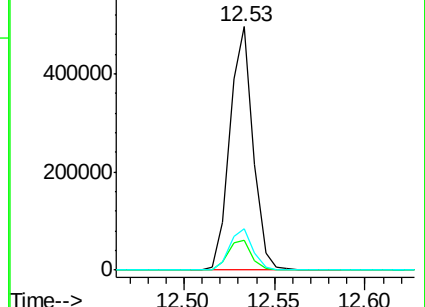
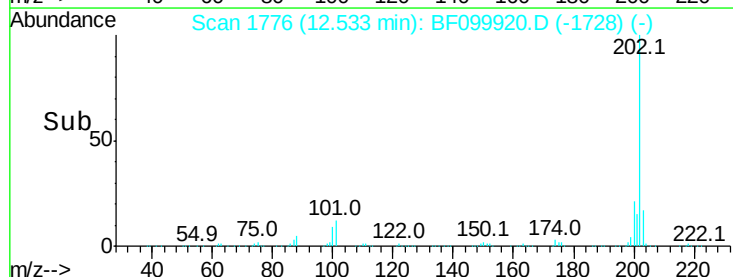
203 17.0 0.0 38.1

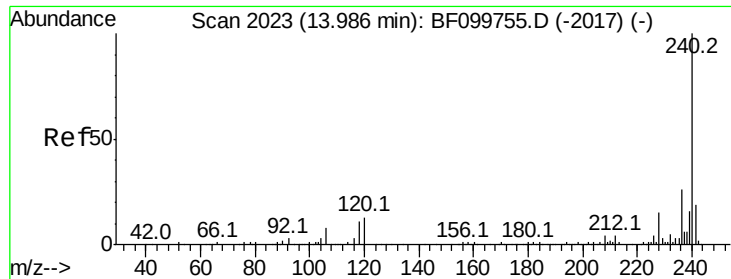


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

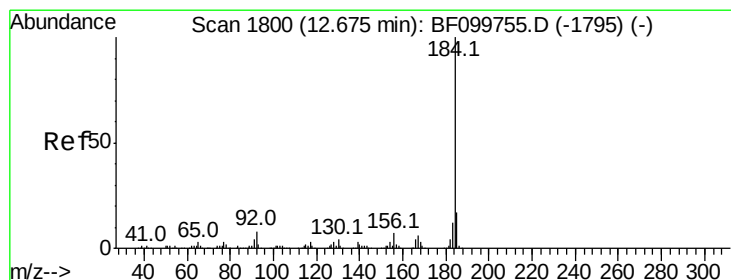
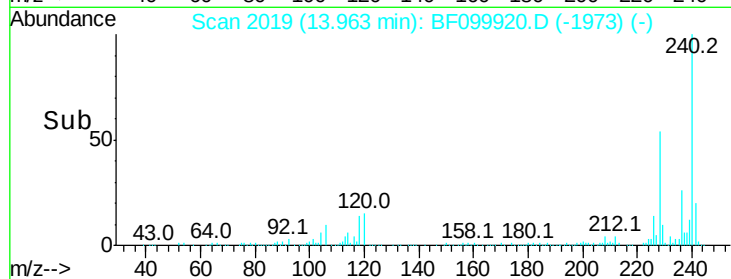
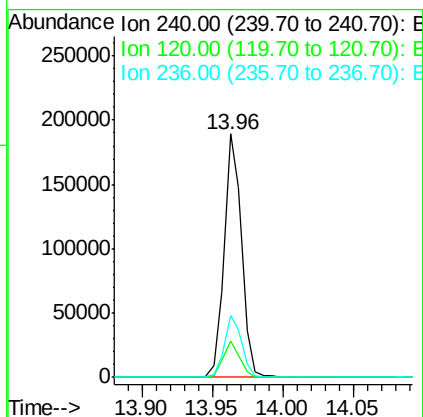
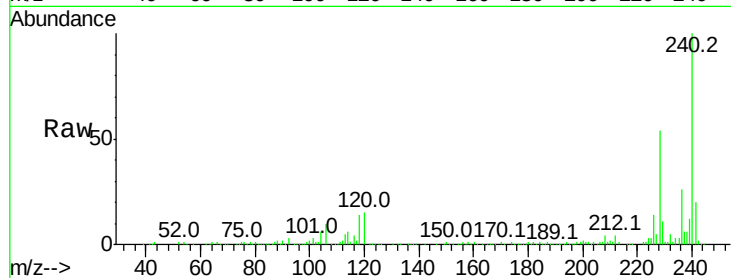




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

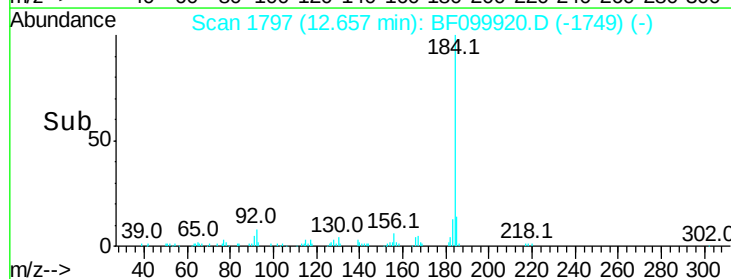
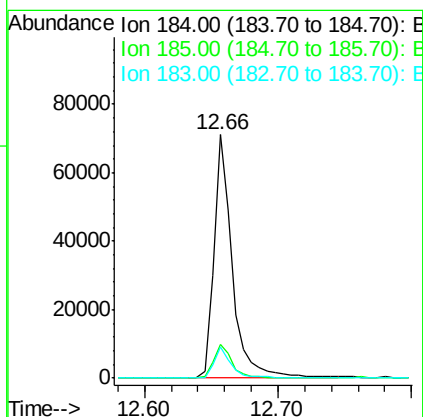
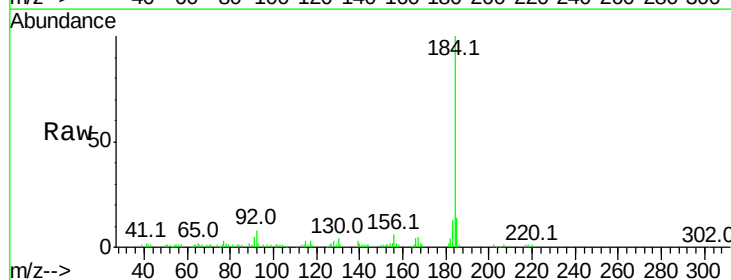
Instrument :
BNA_F
ClientSampled :

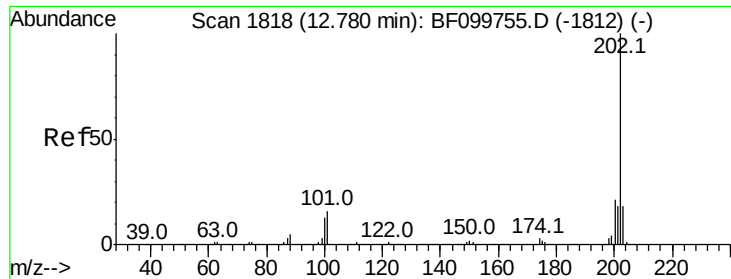
Tot Ion:240 Resp: 161624
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 25.7 20.7 31.1



#76
Benzidine
Concen: 9.765 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion:184 Resp: 69059
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 12.6 9.3 13.9

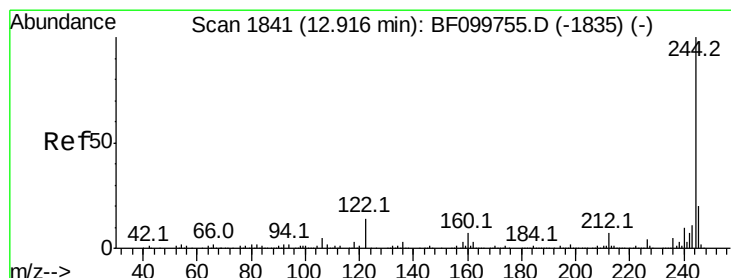
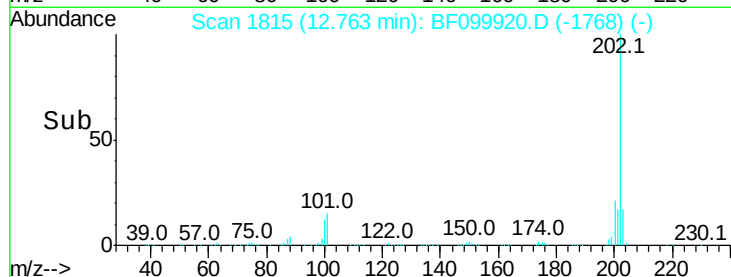
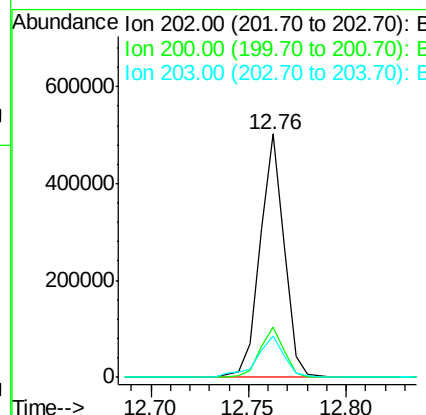
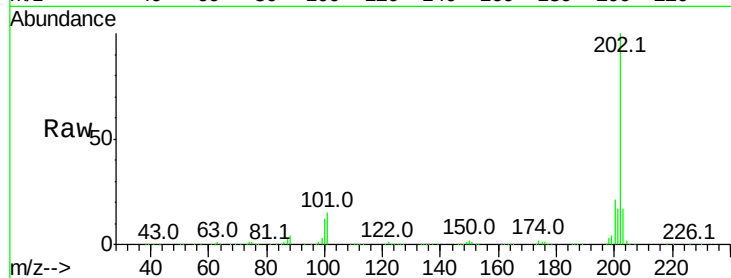




#77
Pvrene
Concen: 34.766 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

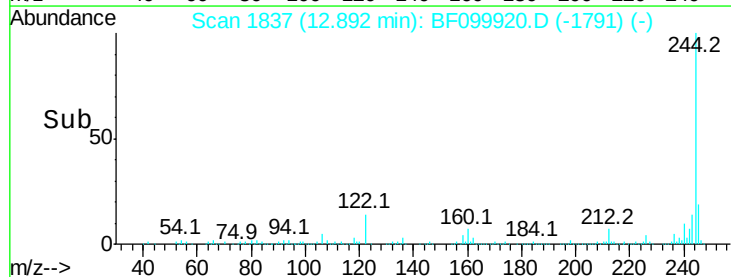
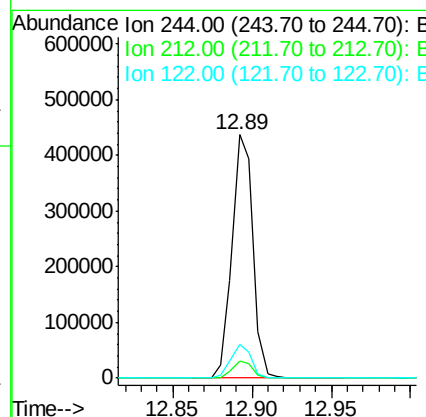
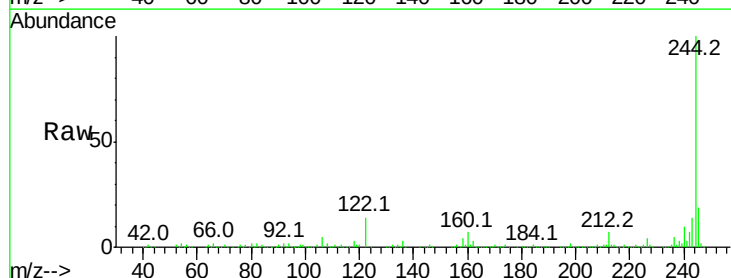
Instrument :
BNA_F
ClientSampleId :

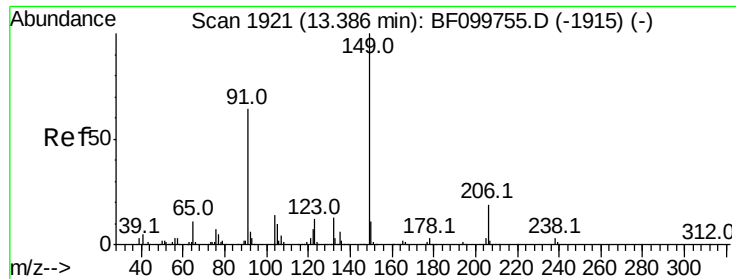
Tot Ion:202 Resp: 427271
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 16.9 14.3 21.5



#78
Terphenyl-d14
Concen: 53.810 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion:244 Resp: 397963
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 14.0 11.0 16.4

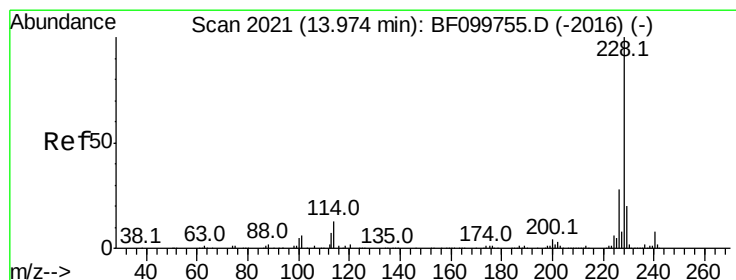
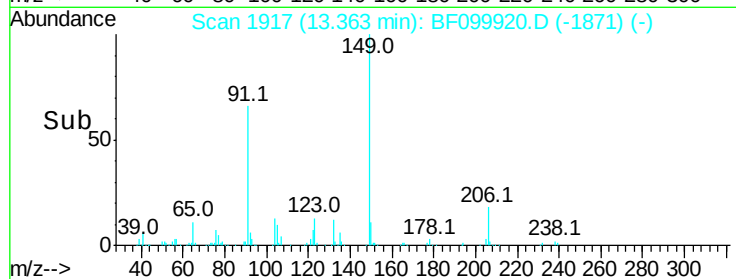
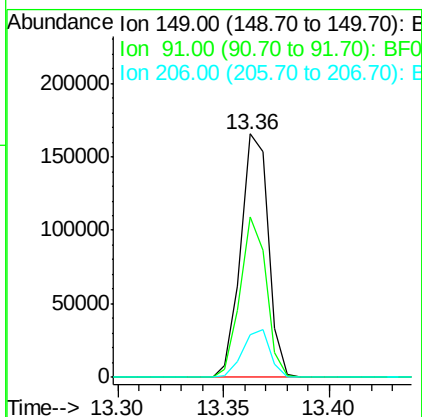
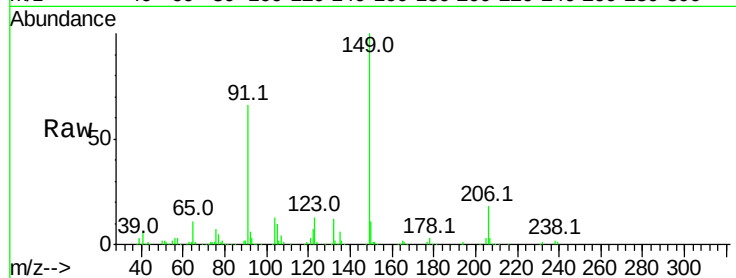




#79
Butylbenzylphthalate
Concen: 24.819 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

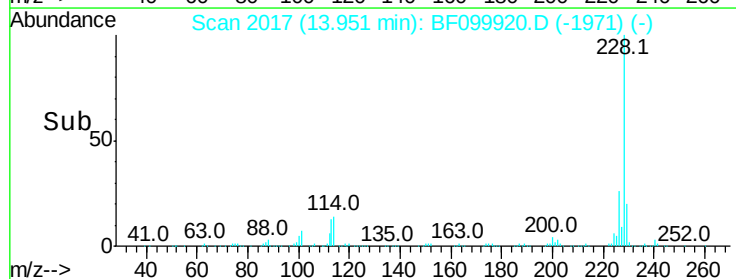
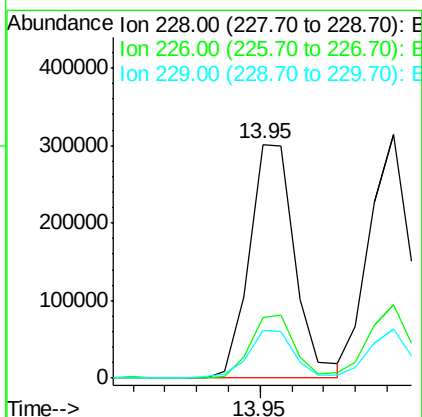
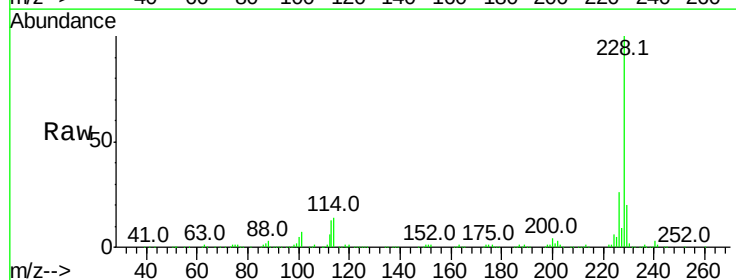
Instrument :
BNA_F
ClientSampleId :

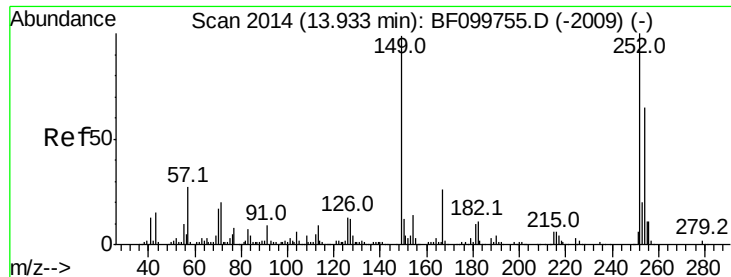
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	56.8	85.2
206	17.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 29.426 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BF099920.D
Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	20.4	15.8	23.6

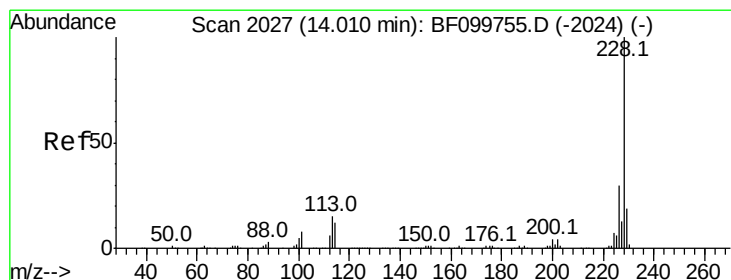
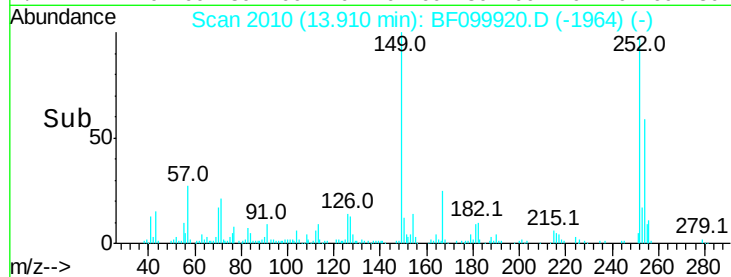
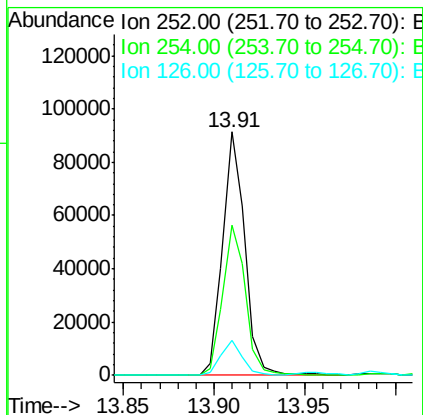
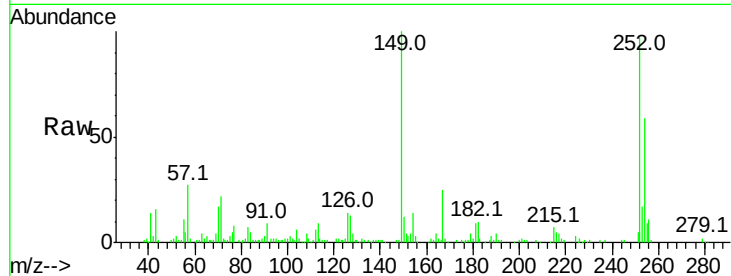




#81
 3,3'-Dichlorobenzidine
 Concen: 20.993 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.03 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

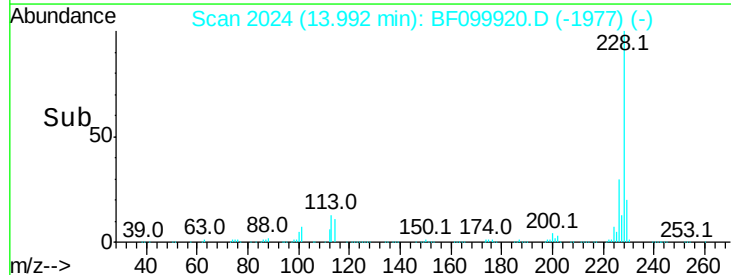
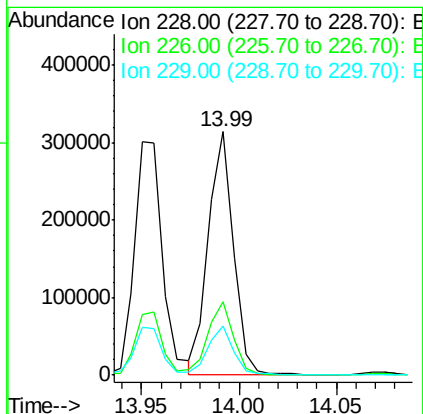
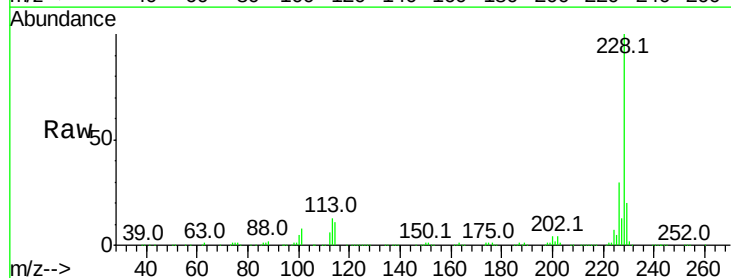
Instrument :
 BNA_F
 ClientSampleId :

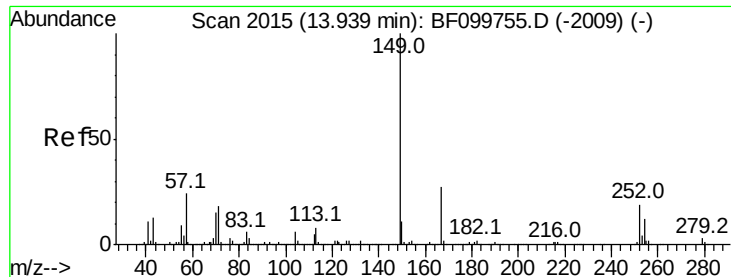
Tot Ion:252 Resp: 78076
 Ion Ratio Lower Upper
 252 100
 254 61.5 50.4 75.6
 126 14.1 11.3 16.9



#82
 Chrysene
 Concen: 28.995 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion:228 Resp: 279292
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 25.806 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

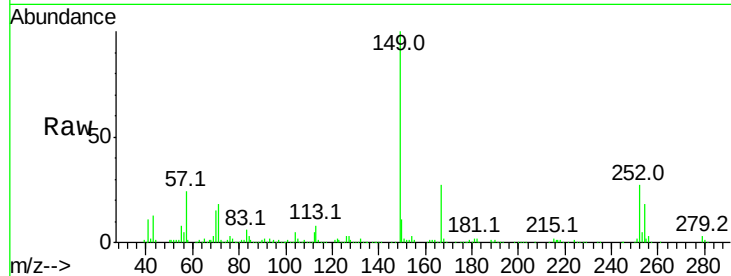
Tot Ion:149 Resp: 219317

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

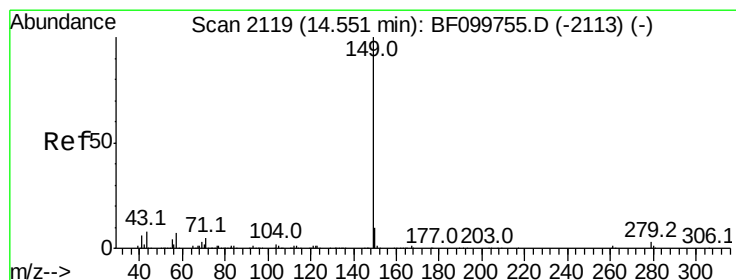
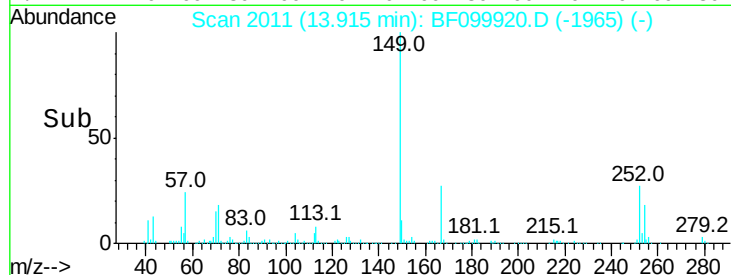
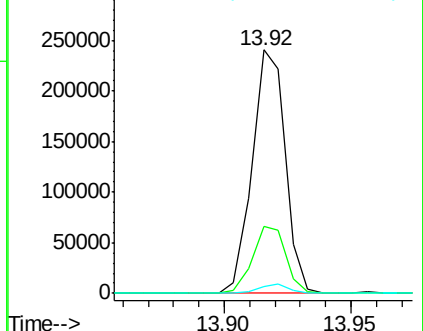
279 2.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 25.615 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.03 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

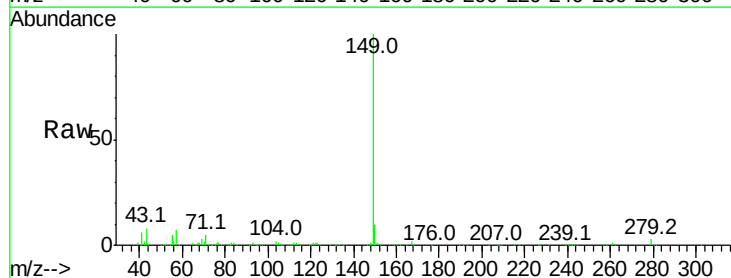
Tgt Ion:149 Resp: 373635

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

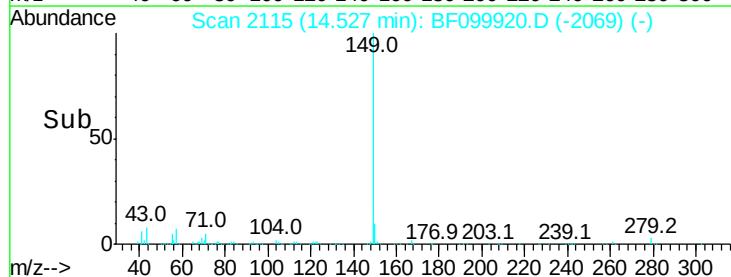
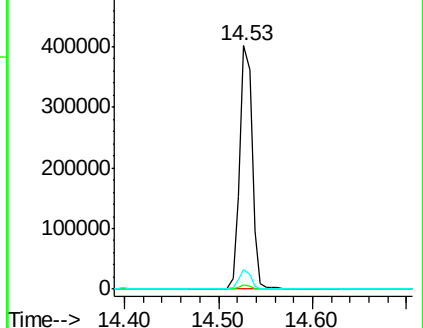
43 7.5 8.4 12.6#

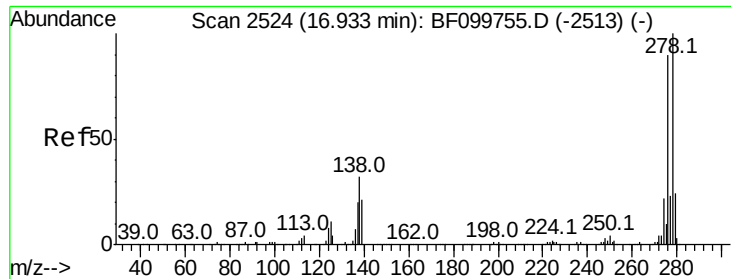


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

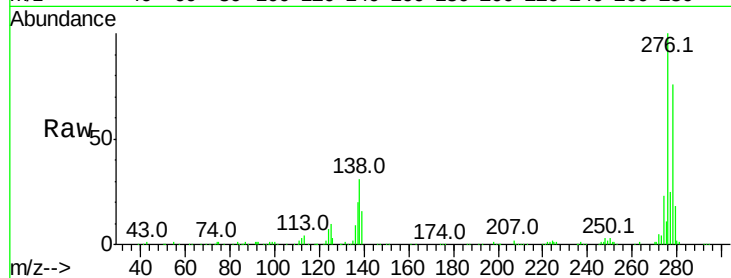




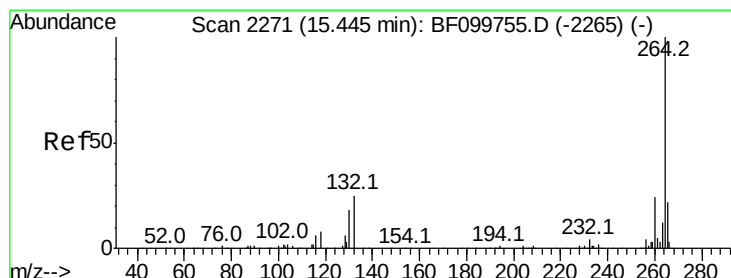
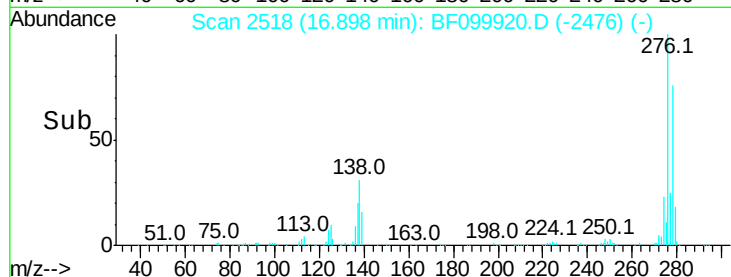
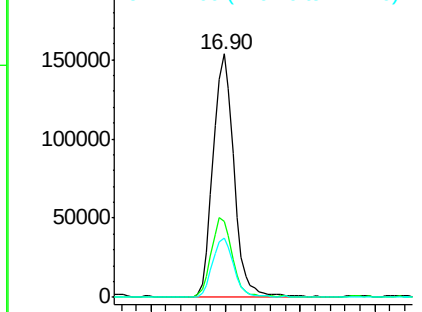
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.034 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.05 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.0	37.6
277	24.8	20.1	30.1

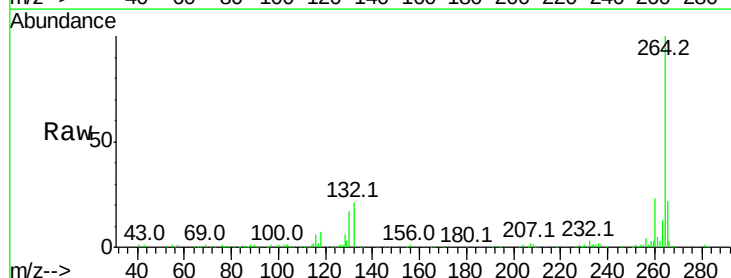


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

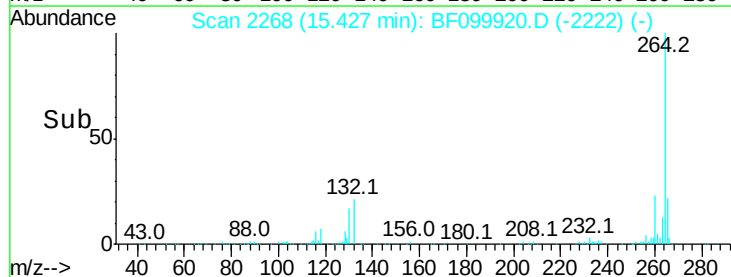
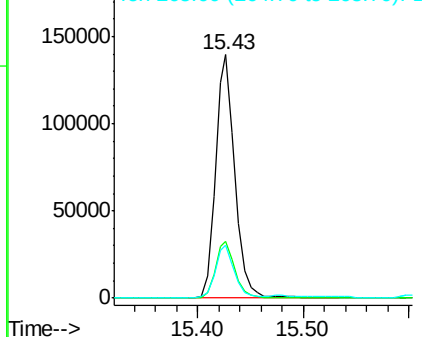


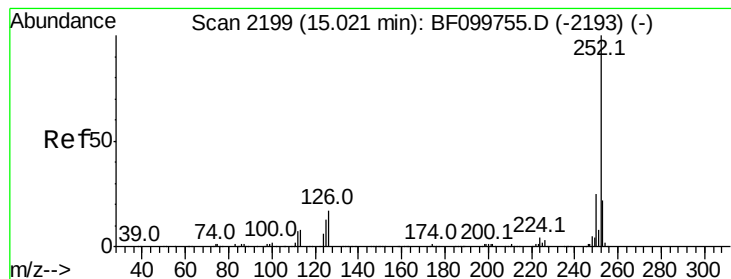
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.03 min
 Lab File: BF099920.D
 Acq: 28 Oct 2017 16:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 27.105 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.03 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

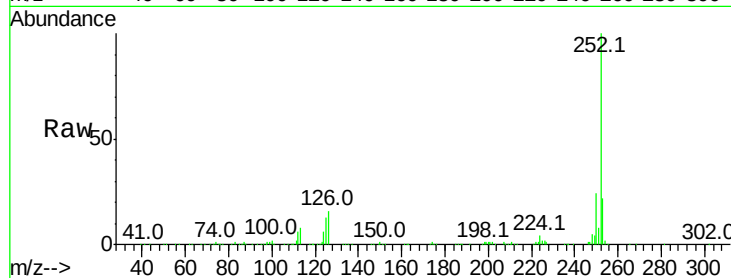
Tot Ion:252 Resp: 305985

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

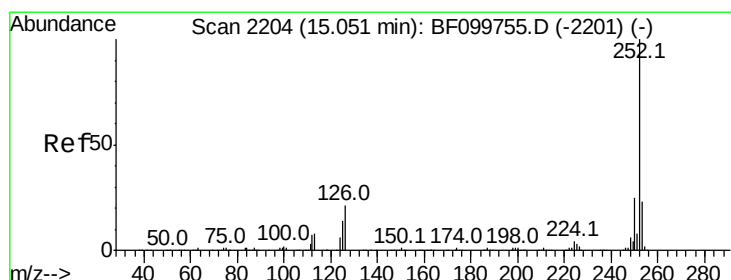
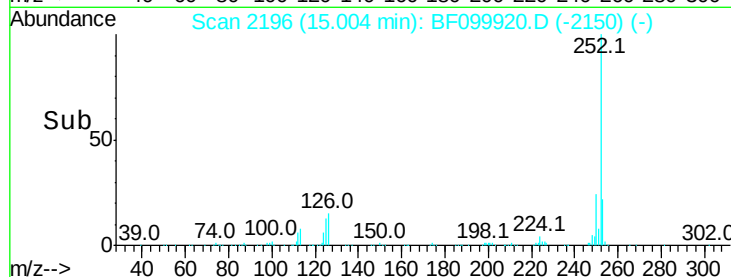
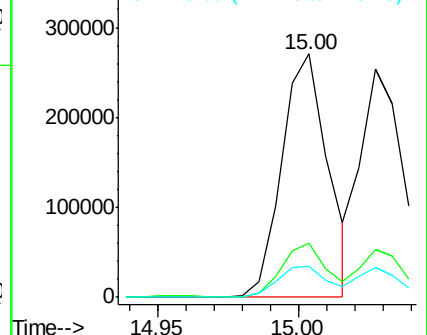
125 12.9 9.0 13.6



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: 25.239 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.04 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

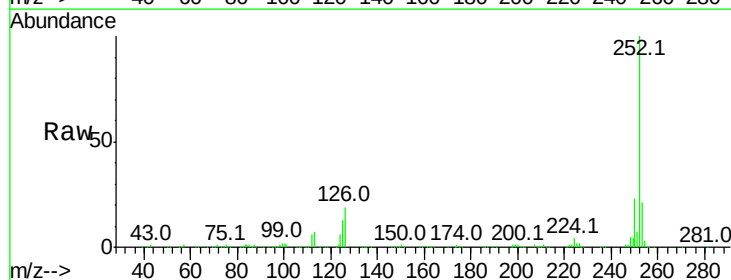
Tgt Ion:252 Resp: 268673

Ion Ratio Lower Upper

252 100

253 20.9 17.9 26.9

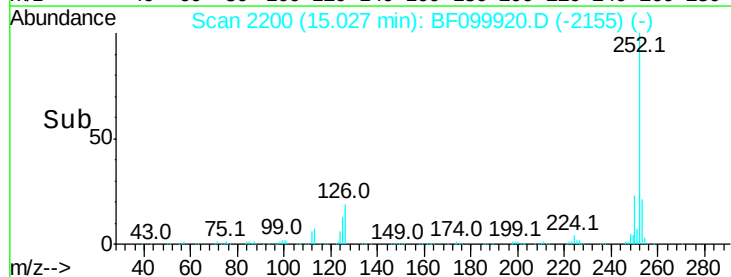
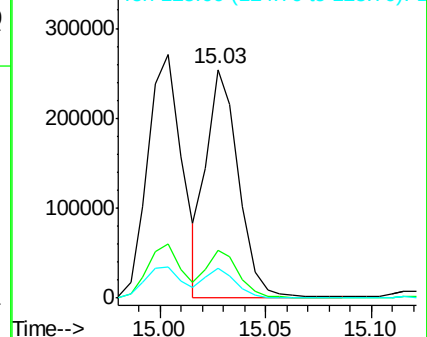
125 13.3 10.2 15.2

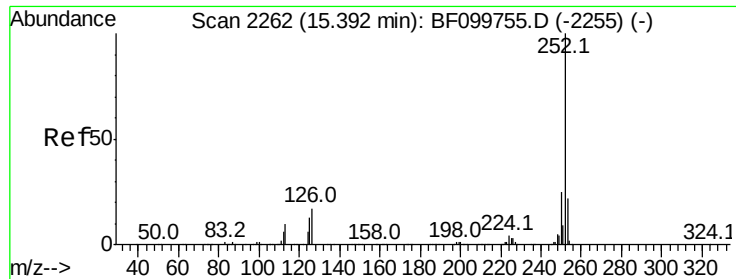


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.407 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

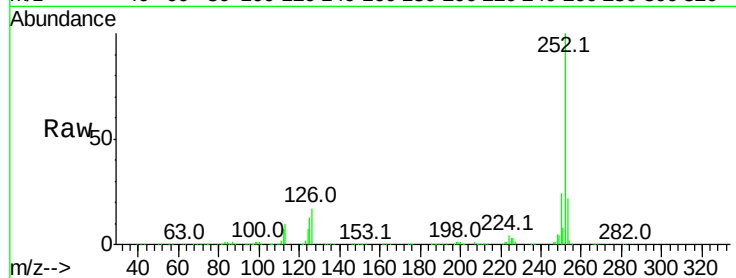
Tot Ion:252 Resp: 288062

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

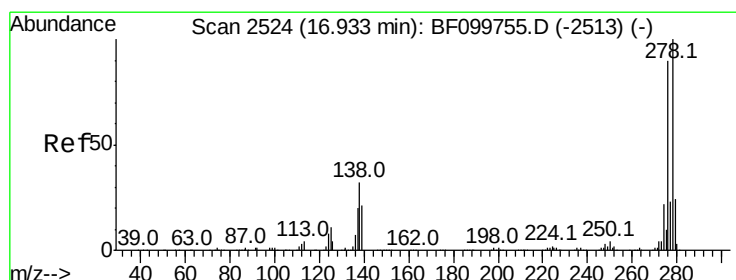
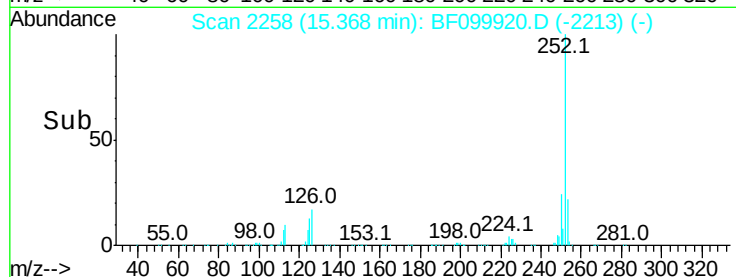
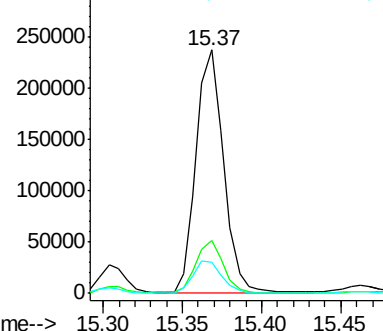
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 26.226 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.06 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

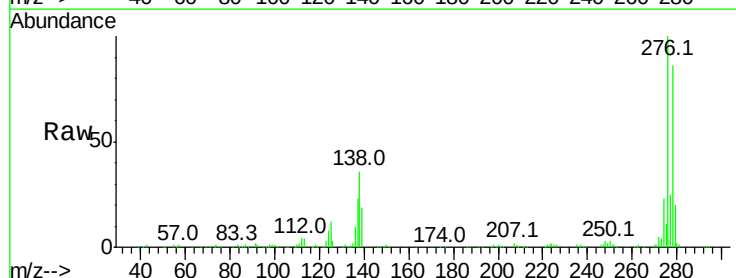
Tgt Ion:278 Resp: 236311

Ion Ratio Lower Upper

278 100

139 22.6 15.9 23.9

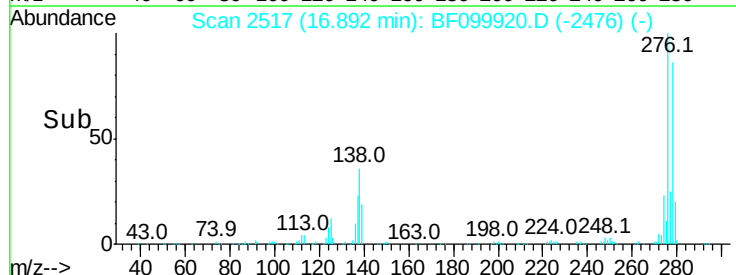
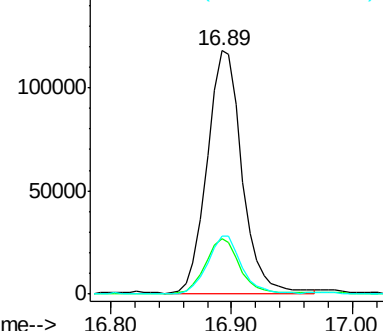
279 23.7 19.0 28.4

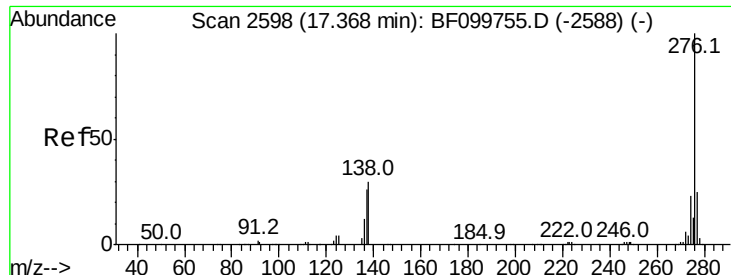


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 27.805 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.06 min

Lab File: BF099920.D

Acq: 28 Oct 2017 16:35

Instrument :

BNA_F

ClientSampleId :

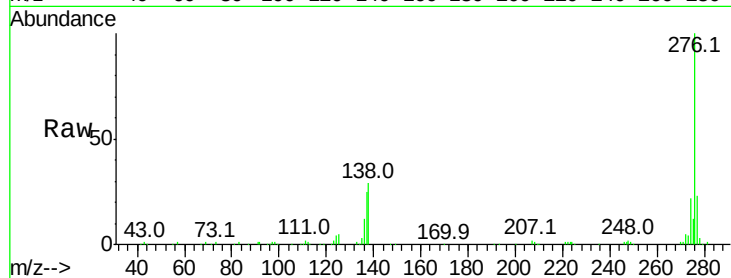
Tot Ion:276 Resp: 245111

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 29.2 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

