

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095562.D
 Acq On : 31 May 2017 14:10
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 01:30:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	412541	20.00	ng	0.05
21) Naphthalene-d8	9.59	136	506192	20.00	ng	-0.17
38) Acenaphthene-d10	12.42	164	220743	20.00	ng	-0.18
63) Phenanthrene-d10	14.82	188	401706	20.00	ng	-0.19
75) Chrysene-d12	18.51	240	313609	20.00	ng	-0.17
86) Perylene-d12	20.18	264	263205	20.00	ng	-0.17

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	556933	22.51	ng	-0.24
7) Phenol-d6	7.11	99	727832	24.51	ng	-0.19
23) Nitrobenzene-d5	8.47	82	657706	81.93	ng	-0.18
41) 2,4,6-Tribromophenol	13.71	330	147639	81.67	ng	-0.19
44) 2-Fluorobiphenyl	11.37	172	1185649	77.31	ng	-0.17
78) Terphenyl-d14	17.16	244	1076869	75.63	ng	-0.16

Target Compounds				Qvalue		
6) Aniline	7.05	93	483361	12.90	ng	95
8) 2-Chlorophenol	7.25	128	348632	12.38	ng	94
9) Benzaldehyde	6.87	77	212160	11.70	ng	98
10) Phenol	7.13	94	416231	13.30	ng	91
11) bis(2-Chloroethyl)ether	7.19	93	322950	12.50	ng	99
12) 1,3-Dichlorobenzene	7.58	146	389272	12.18	ng	99
13) 1,4-Dichlorobenzene	7.82	146	362743	11.20	ng	96
14) 1,2-Dichlorobenzene	7.82	146	362743	11.99	ng	96
15) Benzyl Alcohol	7.85	79	262411	13.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.05	45	451888	12.36	ng	98
17) 2-Methylphenol	8.07	107	295590	12.82	ng	98
18) Hexachloroethane	8.33	117	129383	11.79	ng	# 84
19) n-Nitroso-di-n-propylamine	8.28	70	249644	12.43	ng	96
20) 3+4-Methylphenols	8.33	107	380098	12.14	ng	# 58
22) Acetophenone	8.25	105	488464	40.22	ng	# 84
24) Nitrobenzene	8.50	77	333318	39.61	ng	92
25) Isophorone	8.90	82	598368	41.75	ng	95
26) 2-Nitrophenol	9.01	139	193458	42.61	ng	96
27) 2,4-Dimethylphenol	9.15	122	303223	41.31	ng	98
28) bis(2-Chloroethoxy)methane	9.27	93	415532	41.91	ng	99
29) 2,4-Dichlorophenol	9.43	162	278945	40.25	ng	95
30) 1,2,4-Trichlorobenzene	9.52	180	293120	39.47	ng	98
31) Naphthalene	9.62	128	1018870	40.05	ng	99
32) Benzoic acid	9.50	122	158232	34.44	ng	94
33) 4-Chloroaniline	9.76	127	405499	42.77	ng	# 92
34) Hexachlorobutadiene	9.84	225	146061	37.28	ng	98
35) Caprolactam	10.40	113	88293	42.42	ng	95
36) 4-Chloro-3-methylphenol	10.63	107	297261	40.11	ng	91
37) 2-Methylnaphthalene	10.75	142	648280	38.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	273093	40.23	ng	99
40) Hexachlorocyclopentadiene	11.00	237	107604	40.91	ng	99
42) 2,4,6-Trichlorophenol	11.25	196	182588	40.28	ng	99
43) 2,4,5-Trichlorophenol	11.34	196	181074	37.17	ng	94
45) 1,1'-Biphenyl	11.52	154	734753	39.53	ng	98

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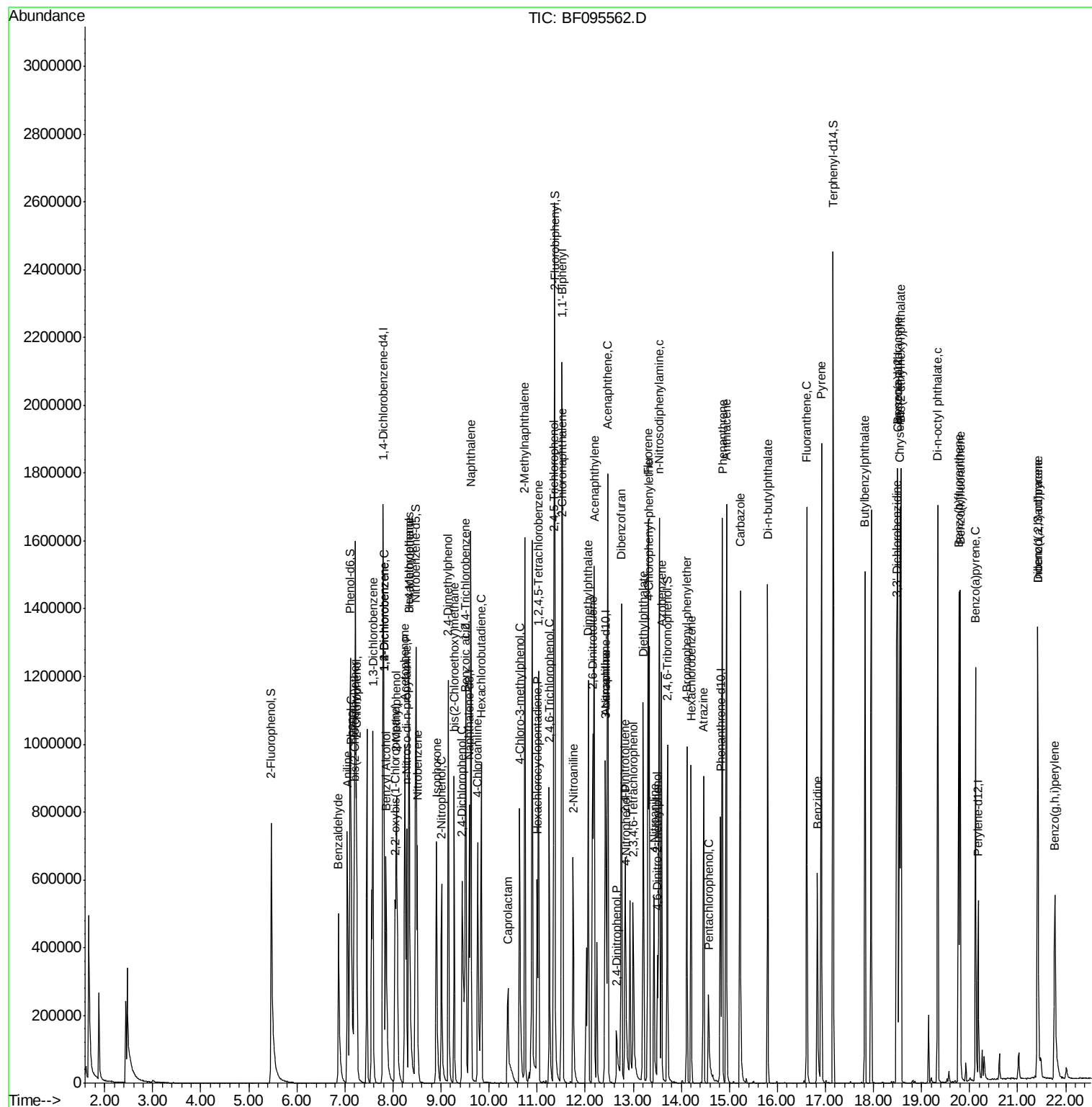
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	11.53	162	576721	38.43	nq	96
47) 2-Nitroaniline	11.75	65	176148	42.89	nq	# 79
48) Acenaphthylene	12.19	152	924689	39.34	nq	98
49) Dimethylphthalate	12.07	163	725948	40.06	nq	99
50) 2,6-Dinitrotoluene	12.16	165	146397	39.60	nq	# 91
51) Acenaphthene	12.47	154	551933	39.31	nq	98
52) 3-Nitroaniline	12.43	138	180716	45.54	nq	91
53) 2,4-Dinitrophenol	12.65	184	69417	37.67	nq	# 71
54) Dibenzofuran	12.76	168	769981	39.63	nq	97
55) 4-Nitrophenol	12.84	139	85936	36.06	nq	# 74
56) 2,4-Dinitrotoluene	12.83	165	199006	41.89	nq	# 93
57) Fluorene	13.31	166	654185	38.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.00	232	121823	39.74	nq	# 94
59) Diethylphthalate	13.22	149	692064	39.84	nq	98
60) 4-Chlorophenyl-phenylether	13.33	204	292017	39.33	nq	91
61) 4-Nitroaniline	13.43	138	165723	45.49	nq	94
62) Azobenzene	13.59	77	579028	41.49	nq	94
64) 4,6-Dinitro-2-methylphenol	13.50	198	107897	40.07	nq	# 70
65) n-Nitrosodiphenylamine	13.54	169	575172	39.45	nq	97
66) 4-Bromophenyl-phenylether	14.12	248	164929	38.86	nq	98
67) Hexachlorobenzene	14.20	284	170257	39.14	nq	# 85
68) Atrazine	14.47	200	158533	38.51	nq	96
69) Pentachlorophenol	14.57	266	65627	36.79	nq	98
70) Phenanthrene	14.86	178	917615	39.76	nq	98
71) Anthracene	14.94	178	934137	39.62	nq	98
72) Carbazole	15.23	167	880568	41.05	nq	98
73) Di-n-butylphthalate	15.80	149	1072386	40.09	nq	99
74) Fluoranthene	16.61	202	909906	38.43	nq	98
76) Benzidine	16.83	184	339985	41.17	nq	# 93
77) Pyrene	16.92	202	949462	40.48	nq	99
79) Butylbenzylphthalate	17.82	149	461630	42.31	nq	# 85
80) Benzo(a)anthracene	18.50	228	741290	40.61	nq	99
81) 3,3'-Dichlorobenzidine	18.48	252	272455	43.22	nq	# 97
82) Chrysene	18.54	228	692737	39.25	nq	99
83) Bis(2-ethylhexyl)phthalate	18.57	149	620048	39.89	nq	99
84) Di-n-octyl phthalate	19.34	149	1014471	39.81	nq	96
85) Indeno(1,2,3-cd)pyrene	21.42	276	538661	37.58	nq	99
87) Benzo(b)fluoranthene	19.77	252	638415	39.25	nq	99
88) Benzo(k)fluoranthene	19.80	252	644036	41.05	nq	# 95
89) Benzo(a)pyrene	20.12	252	578015	38.52	nq	97
90) Dibenzo(a,h)anthracene	21.42	278	468750	37.82	nq	97
91) Benzo(g,h,i)perylene	21.77	276	466354	38.34	nq	97

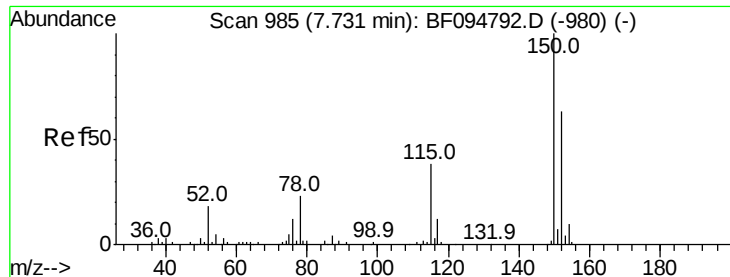
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 1055

Delta R.T. 0.05 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

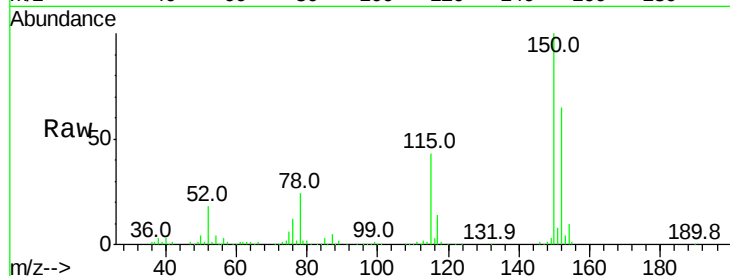
Tot Ion:152 Resp: 412541

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.2

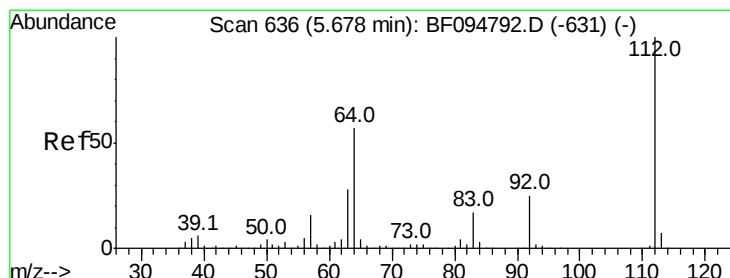
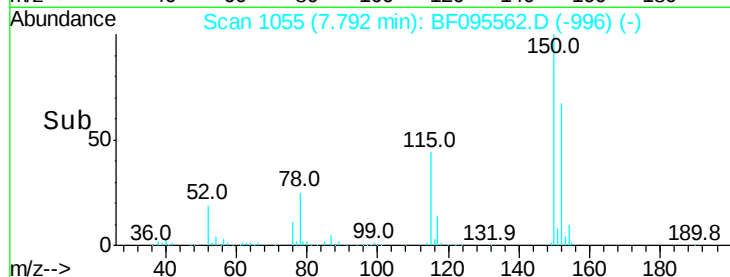
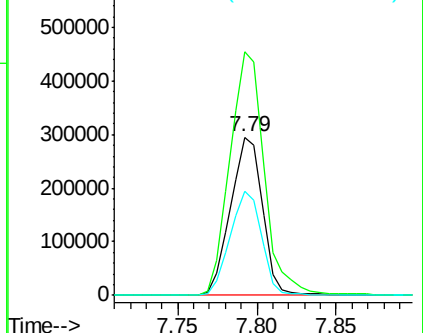
115 66.2 52.2 78.2



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



#5

2-Fluorophenol

Concen: 22.51 ng

RT: 5.46 min Scan# 659

Delta R.T. -0.24 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

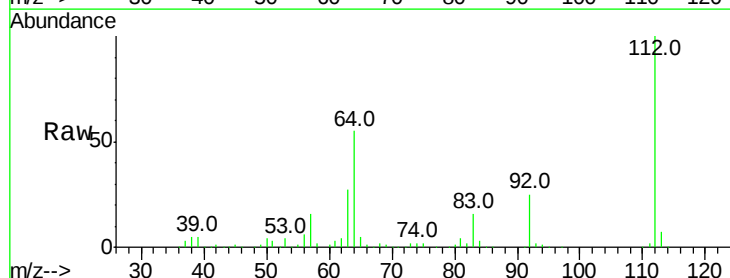
Tgt Ion:112 Resp: 556933

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

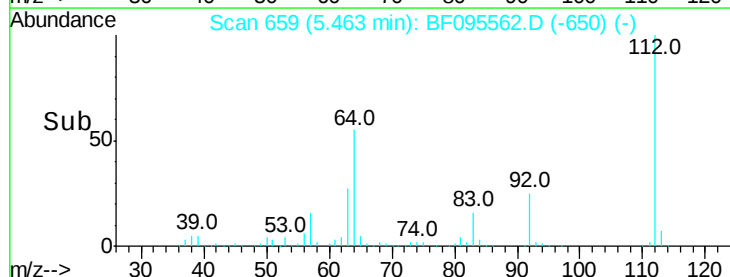
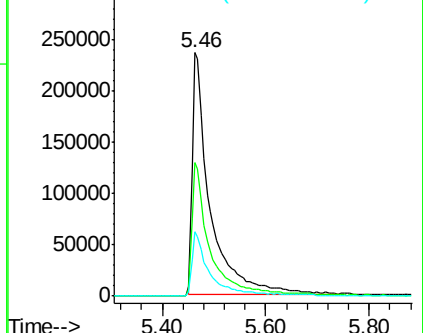
63 26.6 23.4 35.0

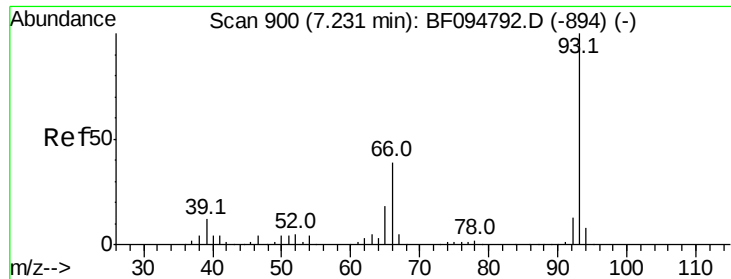


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 12.90 ng

RT: 7.05 min Scan# 929

Delta R.T. -0.20 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

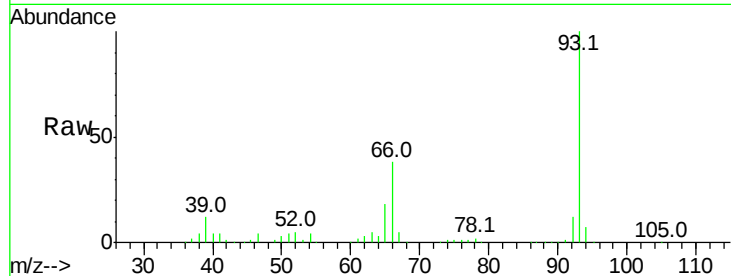
Tot Ion: 93 Resp: 483361

Ion Ratio Lower Upper

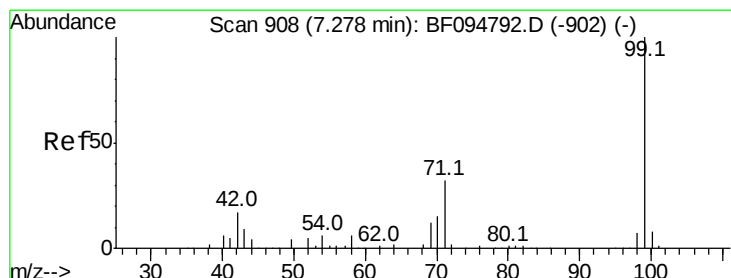
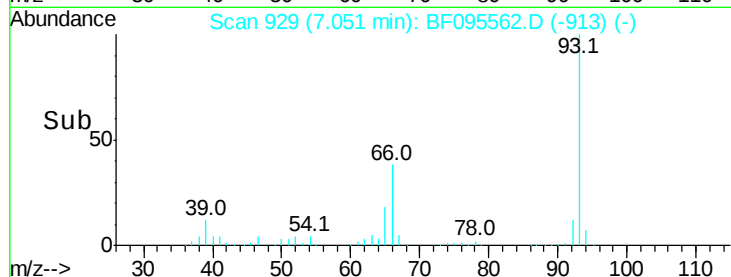
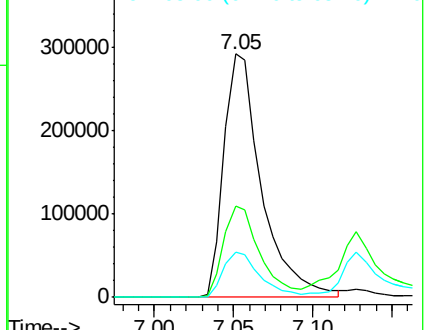
93 100

66 37.6 32.9 49.3

65 18.4 16.0 24.0



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: 24.51 ng

RT: 7.11 min Scan# 939

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

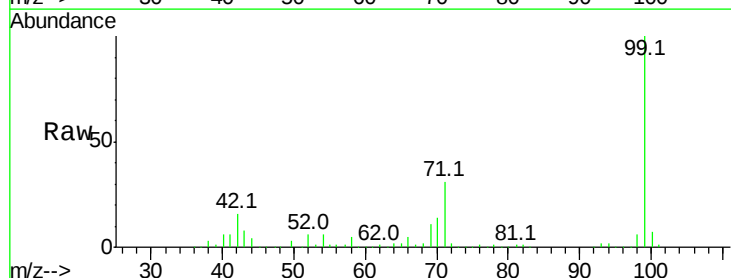
Tgt Ion: 99 Resp: 727832

Ion Ratio Lower Upper

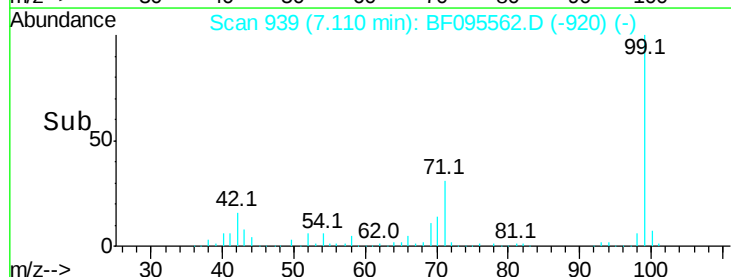
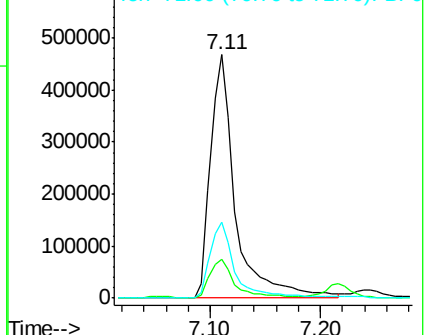
99 100

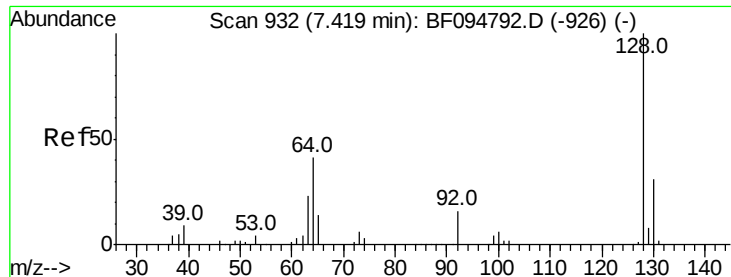
42 16.0 13.5 20.3

71 31.3 24.5 36.7



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: 12.38 ng

RT: 7.25 min Scan# 962

Delta R.T. -0.20 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleID :

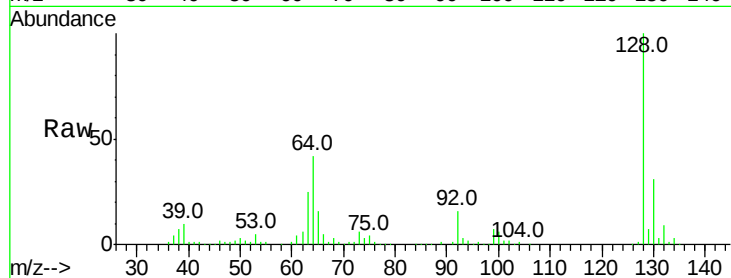
Tot Ion:128 Resp: 348632

Ion Ratio Lower Upper

128 100

130 31.4 12.9 52.9

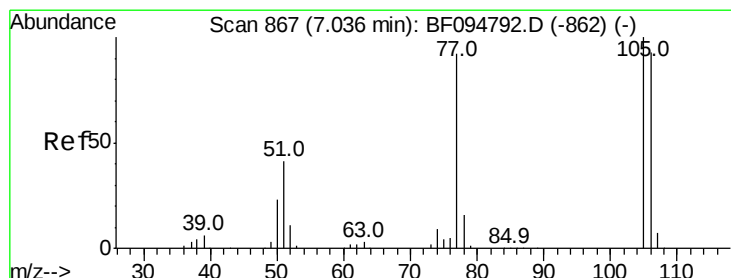
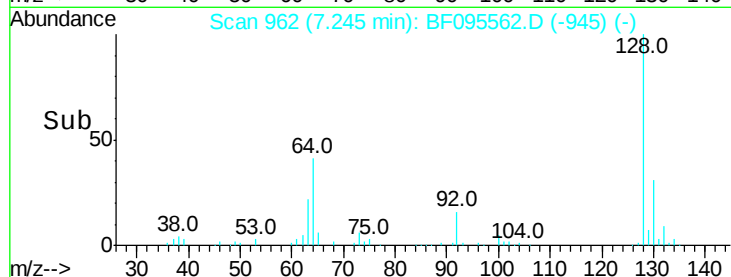
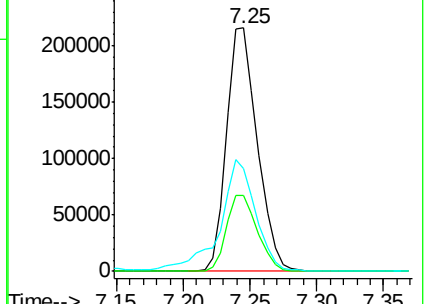
64 42.3 28.4 68.4



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: 11.70 ng

RT: 6.87 min Scan# 898

Delta R.T. -0.20 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

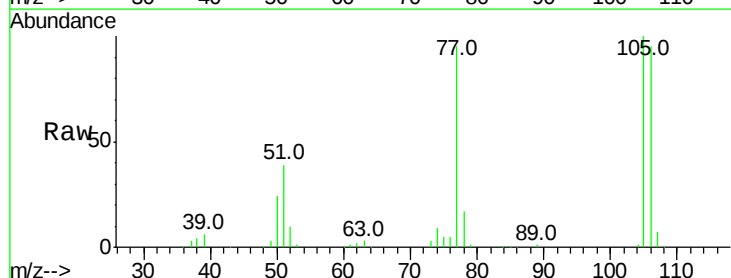
Tgt Ion: 77 Resp: 212160

Ion Ratio Lower Upper

77 100

105 105.6 83.8 123.8

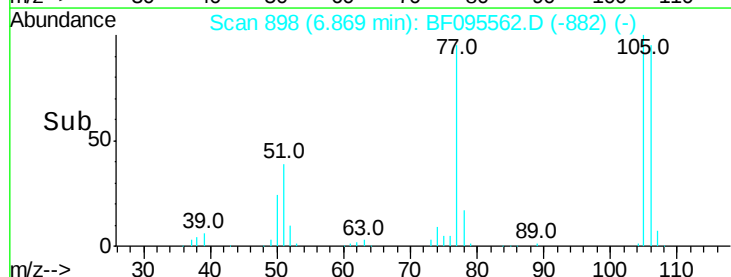
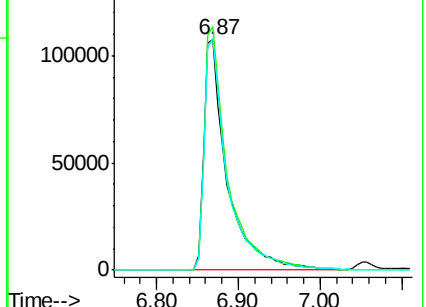
106 100.8 79.1 119.1

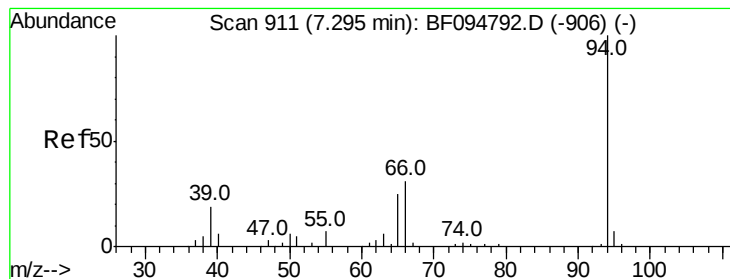


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 13.30 ng

RT: 7.13 min Scan# 942

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampled :

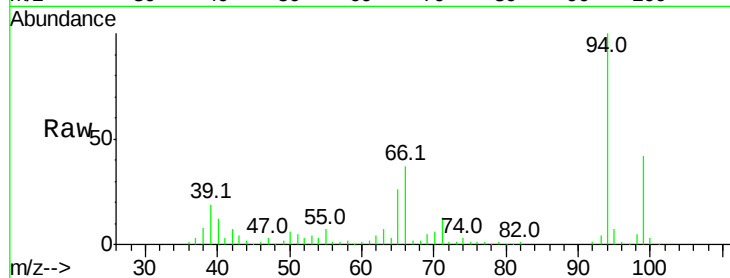
Tot Ion: 94 Resp: 416231

Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

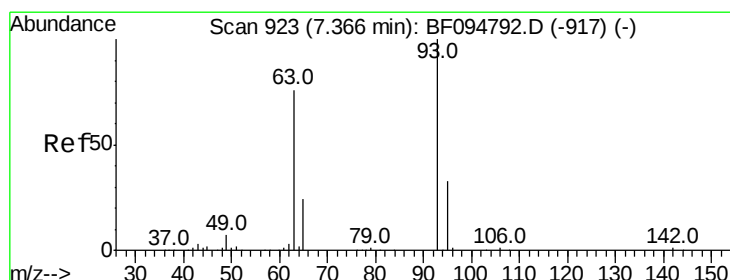
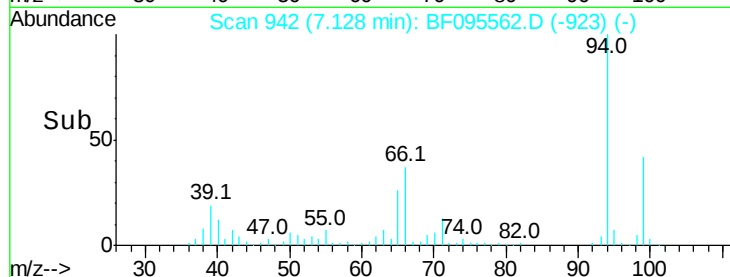
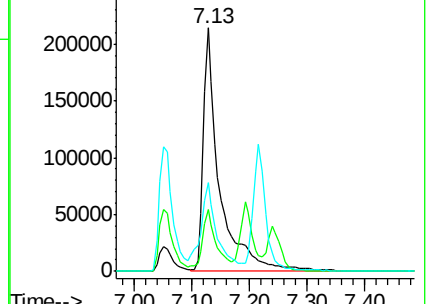
66 36.6 23.1 63.1



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: 12.50 ng

RT: 7.19 min Scan# 953

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

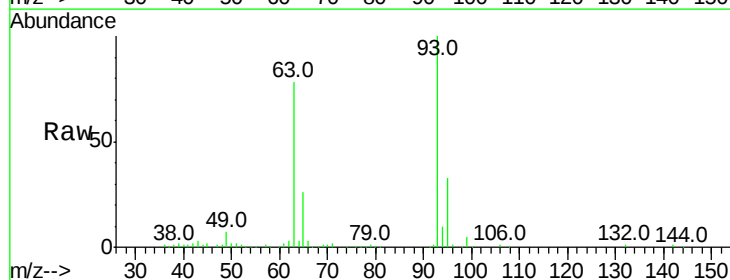
Tgt Ion: 93 Resp: 322950

Ion Ratio Lower Upper

93 100

63 77.8 59.2 99.2

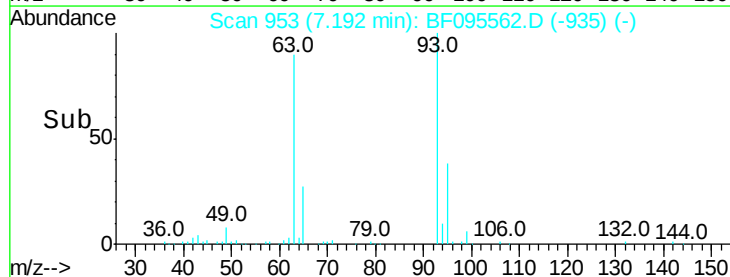
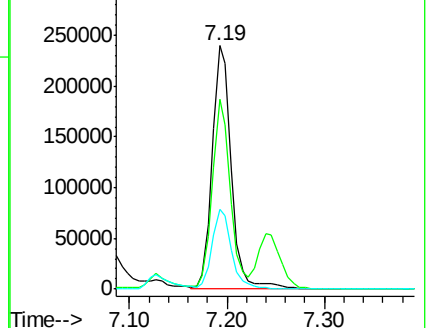
95 32.7 12.8 52.8

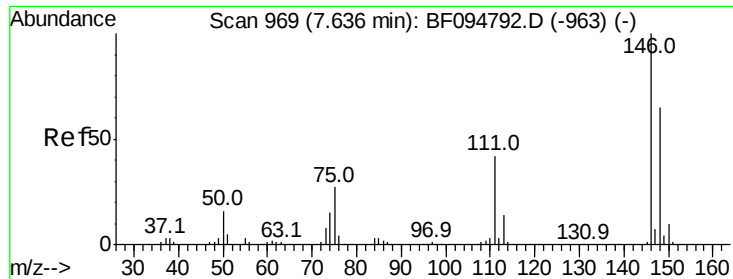


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 12.18 ng

RT: 7.58 min Scan# 1019

Delta R.T. -0.07 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampled :

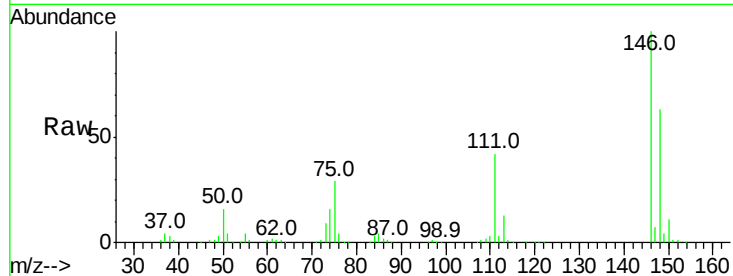
Tot Ion:146 Resp: 389272

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

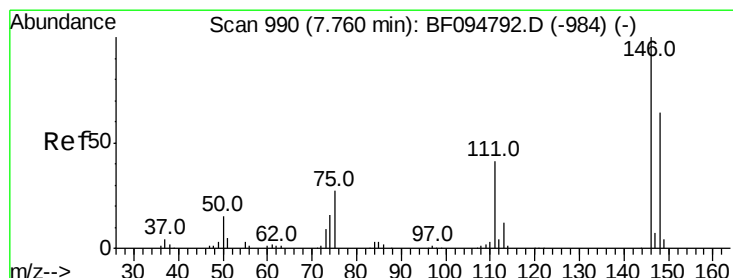
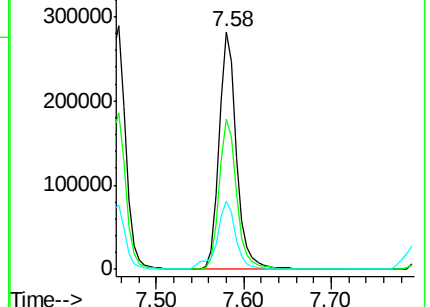
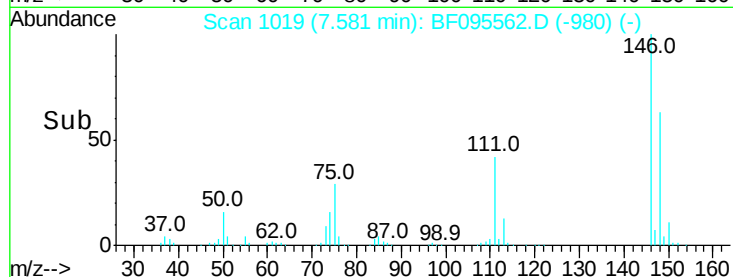
75 28.8 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 11.20 ng

RT: 7.82 min Scan# 1059

Delta R.T. 0.04 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

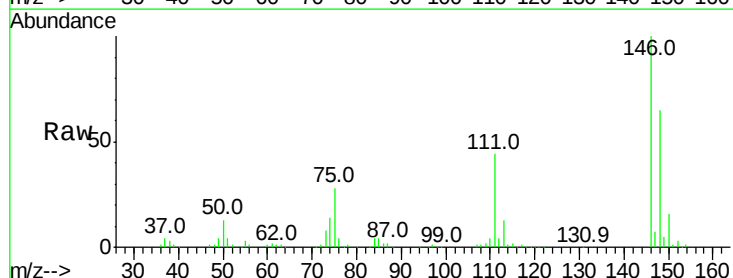
Tgt Ion:146 Resp: 362743

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

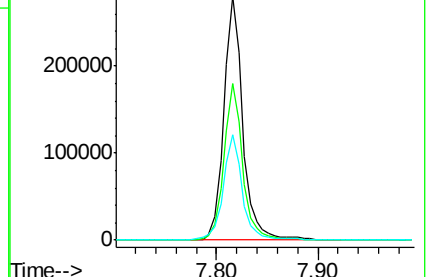
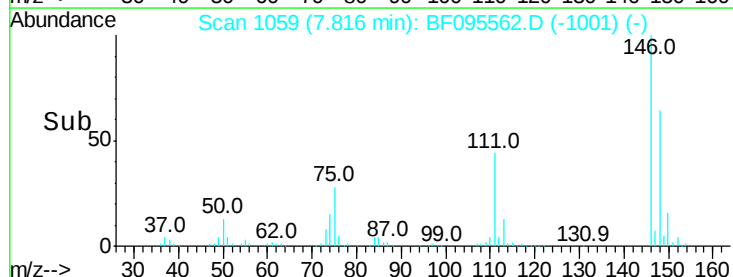
111 43.5 30.3 45.5

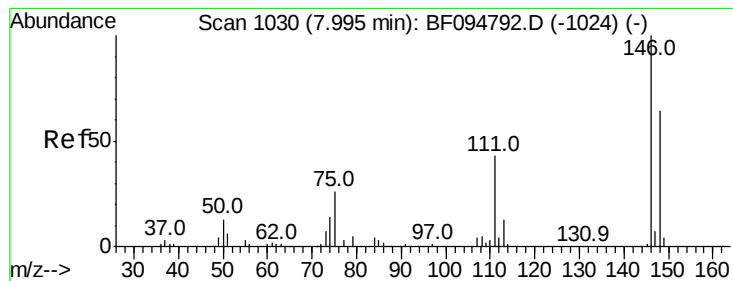


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 11.99 ng

RT: 7.82 min Scan# 1059

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

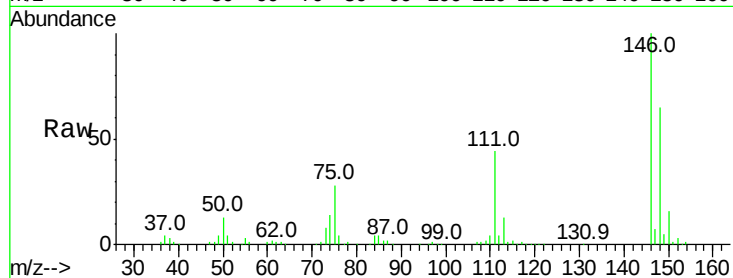
Tot Ion:146 Resp: 362743

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

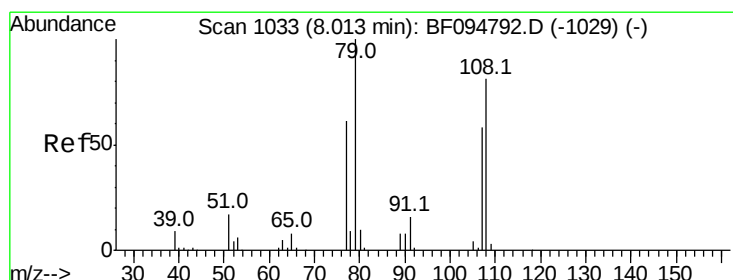
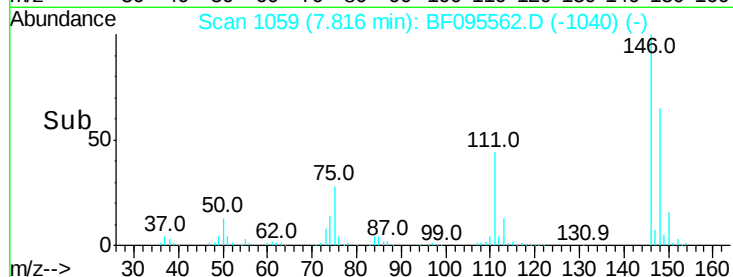
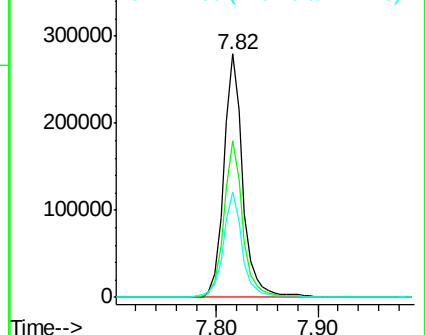
111 43.5 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 13.74 ng

RT: 7.85 min Scan# 1065

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

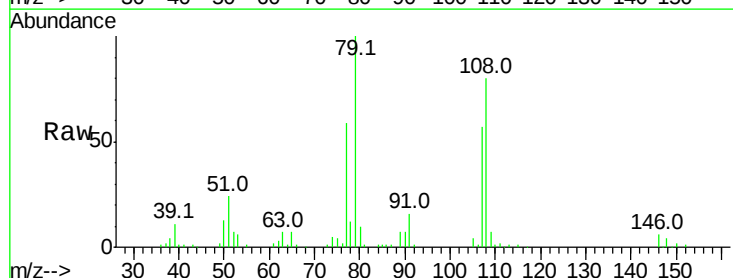
Tgt Ion: 79 Resp: 262411

Ion Ratio Lower Upper

79 100

108 80.0 63.4 95.0

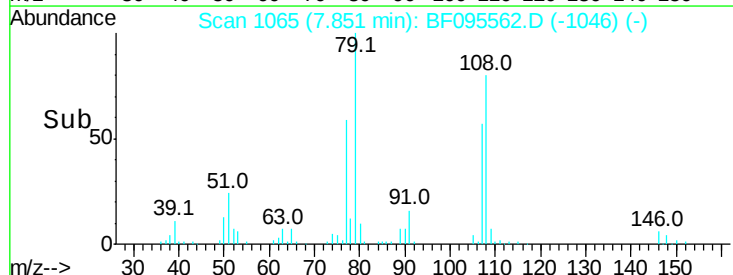
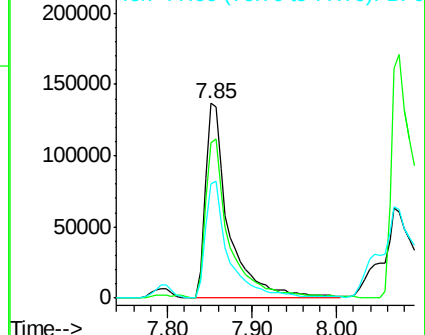
77 59.1 49.2 73.8

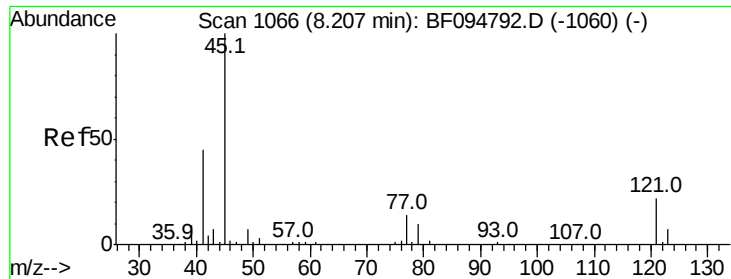


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

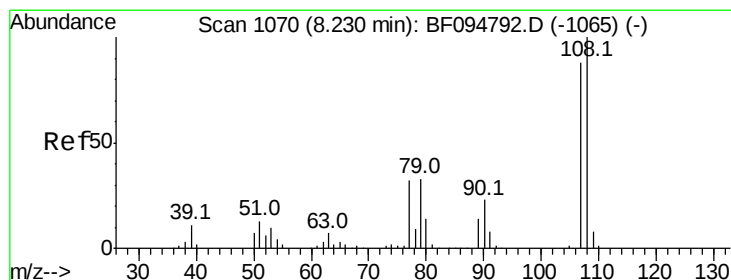
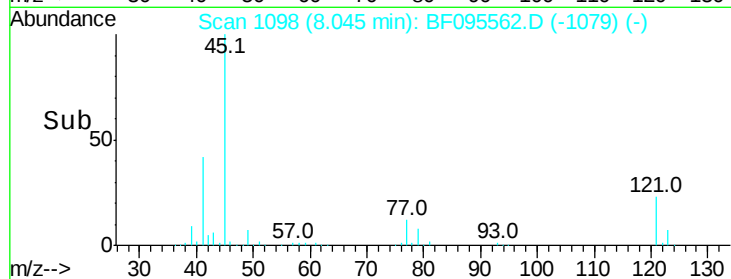
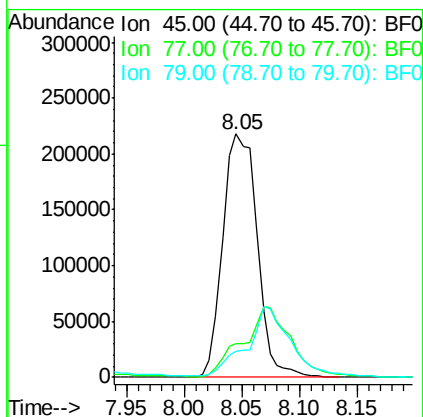
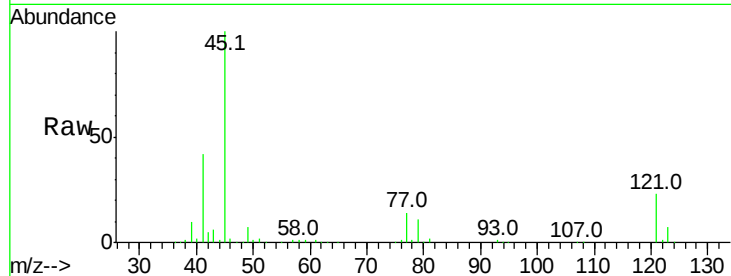




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 12.36 ng
RT: 8.05 min Scan# 1098
Delta R.T. -0.19 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

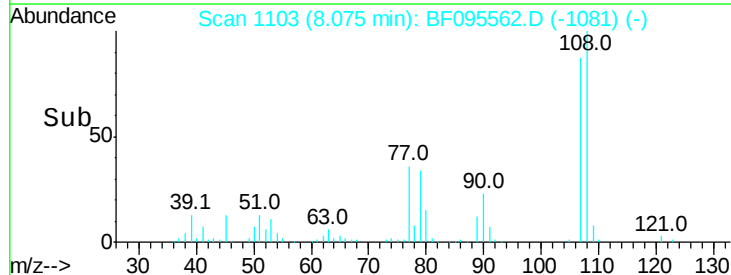
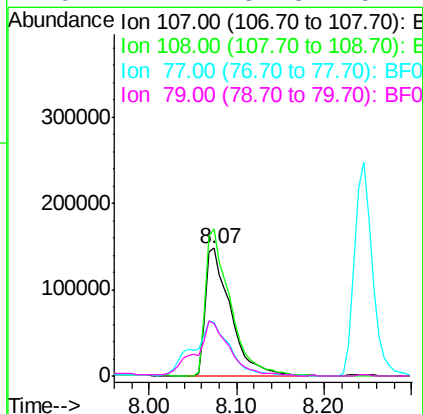
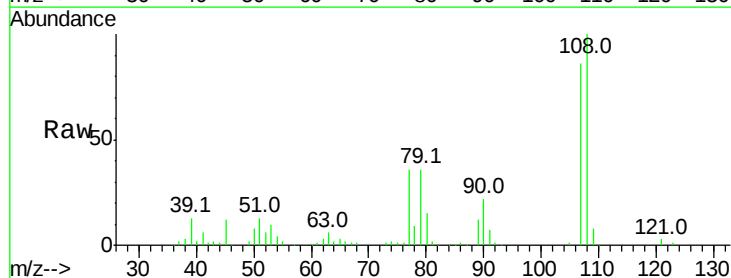
Instrument :
BNA_F
ClientSampleId :

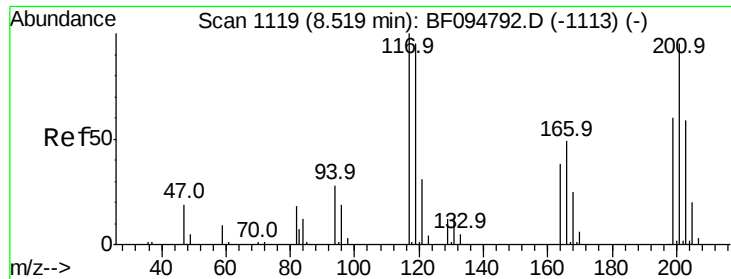
Tot Ion: 45 Resp: 451888
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 10.8 0.0 30.0



#17
2-Methylphenol
Concen: 12.82 ng
RT: 8.07 min Scan# 1103
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion:107 Resp: 295590
Ion Ratio Lower Upper
107 100
108 115.7 93.4 140.0
77 42.1 35.8 53.6
79 41.2 34.8 52.2

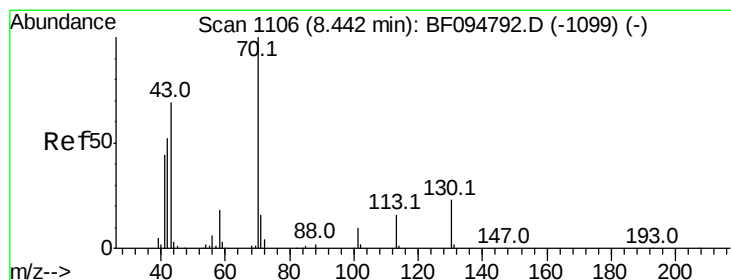
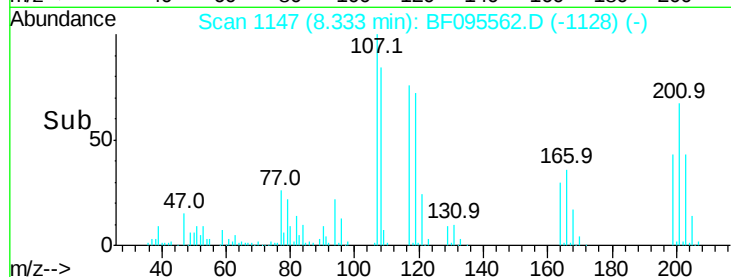
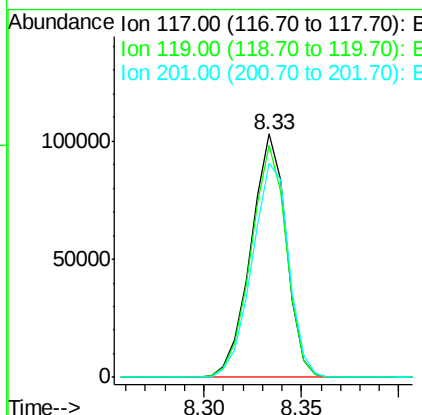
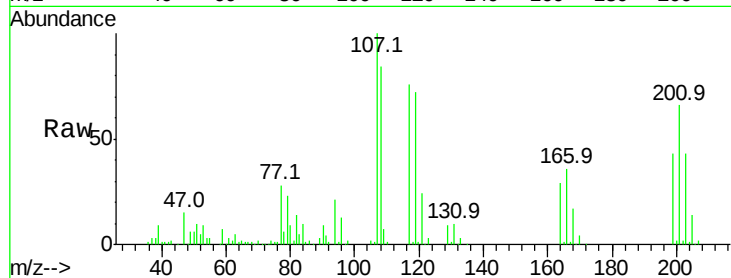




#18
Hexachloroethane
Concen: 11.79 ng
RT: 8.33 min Scan# 1147
Delta R.T. -0.19 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

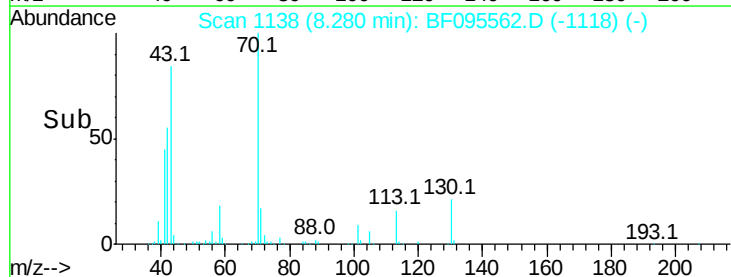
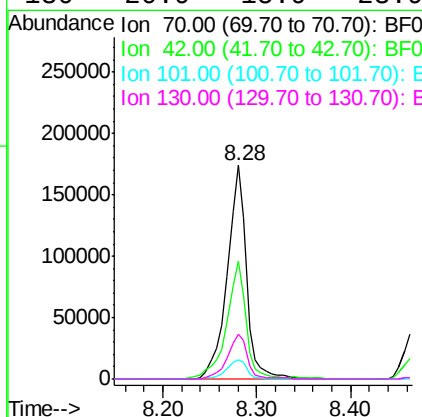
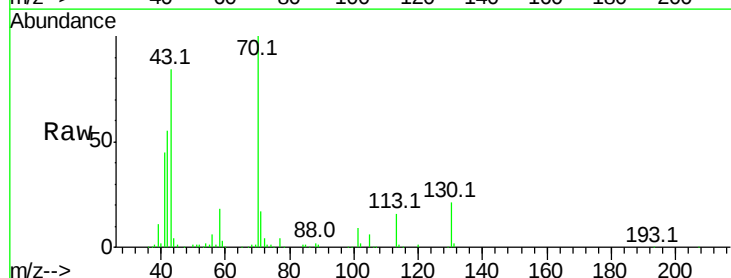
Instrument :
BNA_F
ClientSampled :

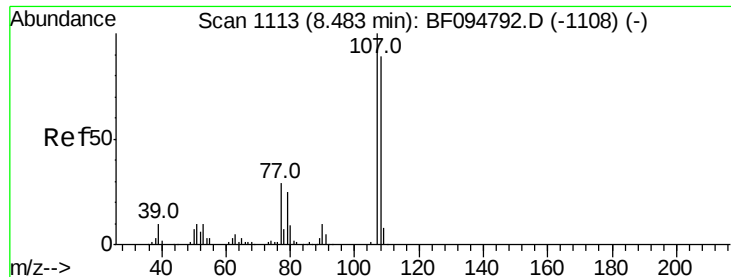
Tot Ion:117 Resp: 129383
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
201 87.7 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.43 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.18 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion: 70 Resp: 249644
Ion Ratio Lower Upper
70 100
42 55.2 47.2 70.8
101 9.3 7.2 10.8
130 20.9 15.9 23.9





#20

3+4-Methylphenols

Concen: 12.14 ng

RT: 8.33 min Scan# 1147

Delta R.T. -0.17 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 380098

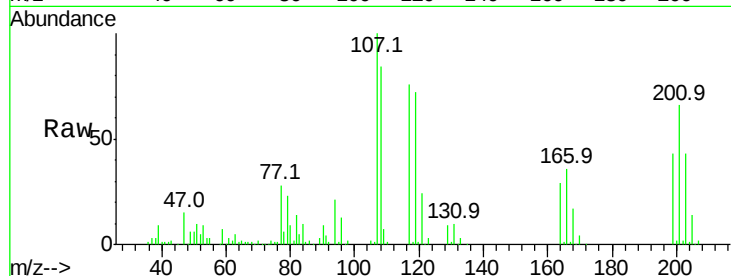
Ion Ratio Lower Upper

107 100

108 84.3 71.0 111.0

77 28.0 90.5 130.5#

79 22.6 8.4 48.4

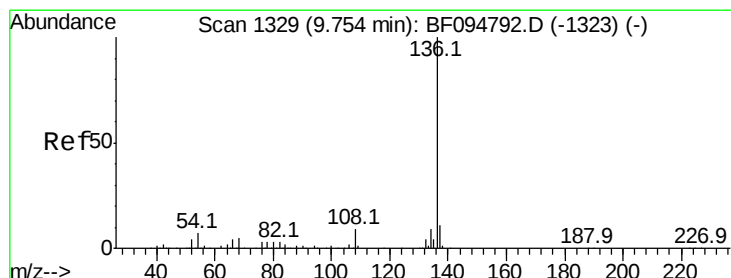
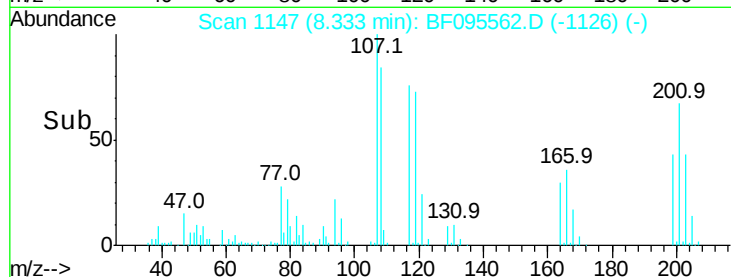
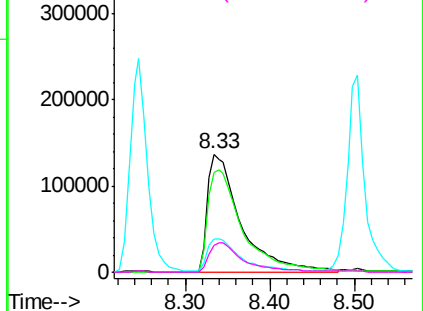


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 1360

Delta R.T. -0.17 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Tgt Ion:136 Resp: 506192

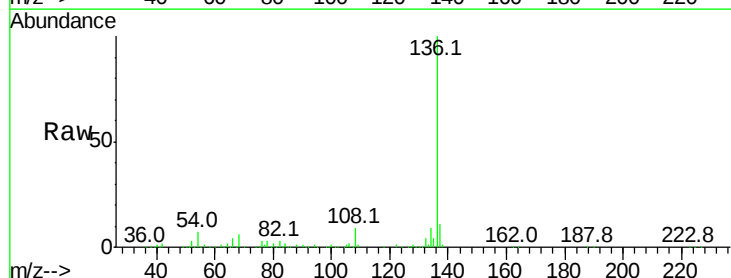
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.0 4.9 7.3

68 6.3 4.1 6.1#

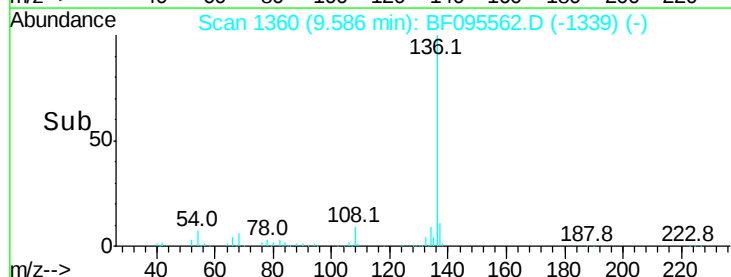
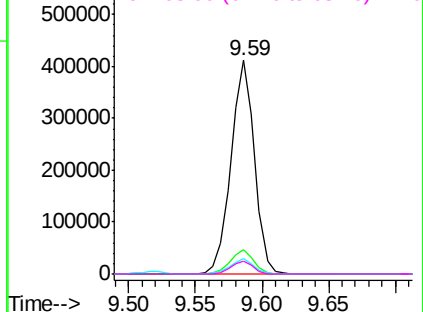


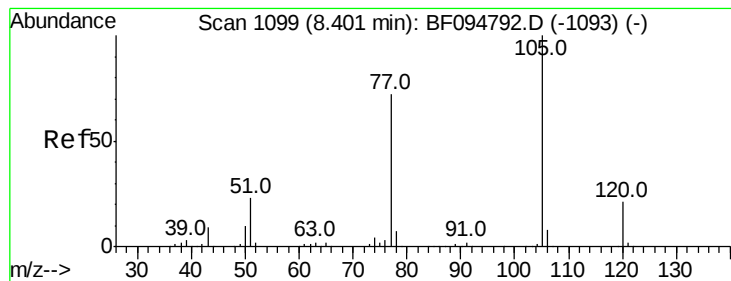
Abundance Ion 136.00 (135.70 to 136.70): E

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

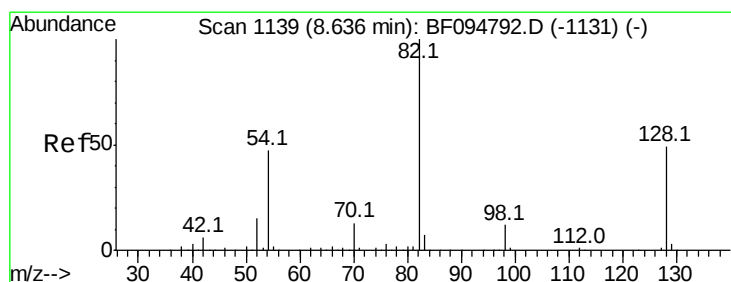
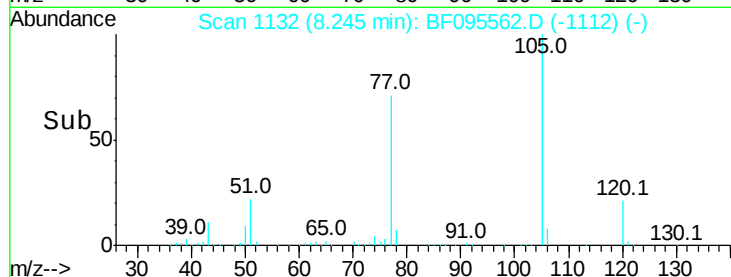
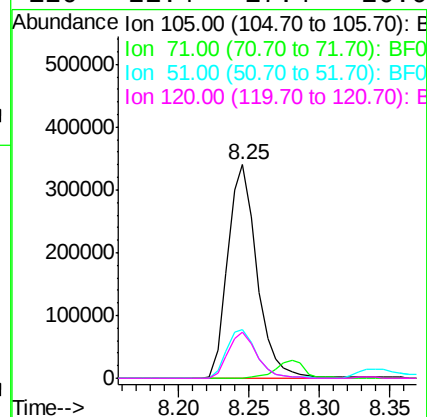
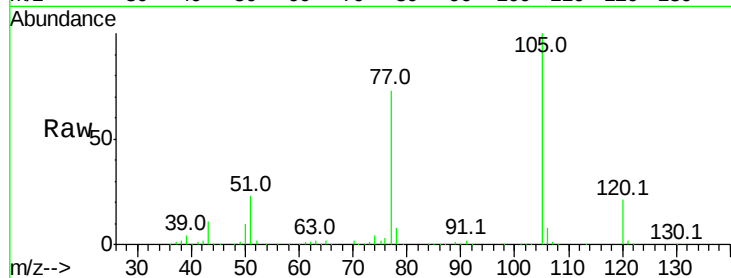




#22
 Acetophenone
 Concen: 40.22 ng
 RT: 8.25 min Scan# 1132
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

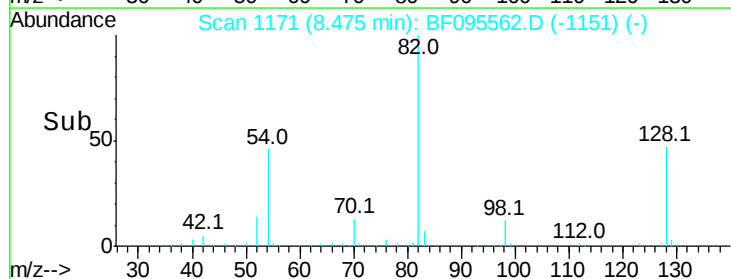
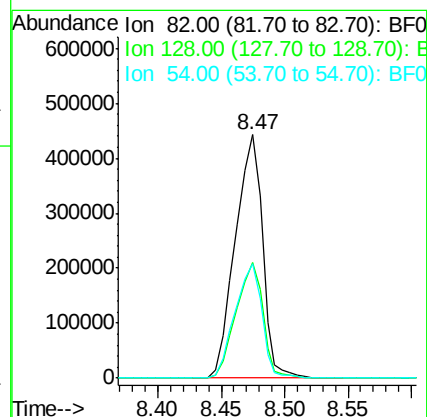
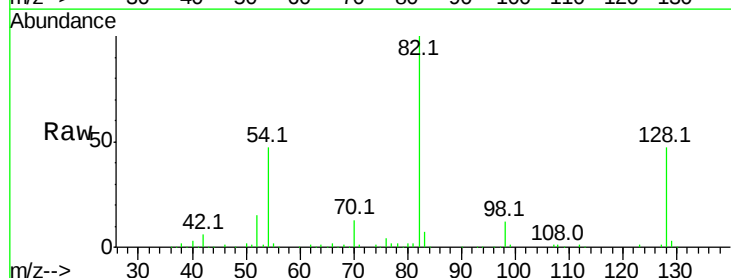
Instrument :
 BNA_F
 ClientSampleId :

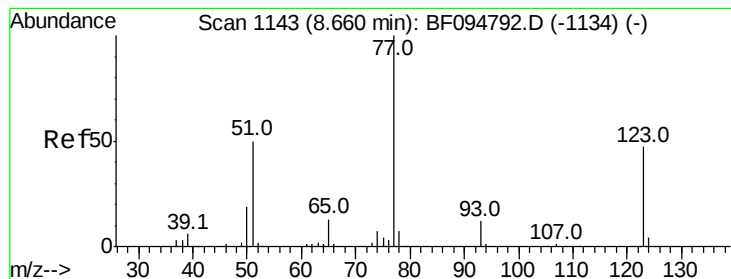
Tot Ion:	105	Resp:	488464
Ion Ratio	Lower	Upper	
105	100		
71	0.3	2.8	4.2#
51	22.7	30.7	46.1#
120	21.4	17.4	26.0



#23
 Nitrobenzene-d5
 Concen: 81.93 ng
 RT: 8.47 min Scan# 1171
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:	82	Resp:	657706
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	46.9	42.2	63.2





#24

Nitrobenzene

Concen: 39.61 ng

RT: 8.50 min Scan# 1176

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampled :

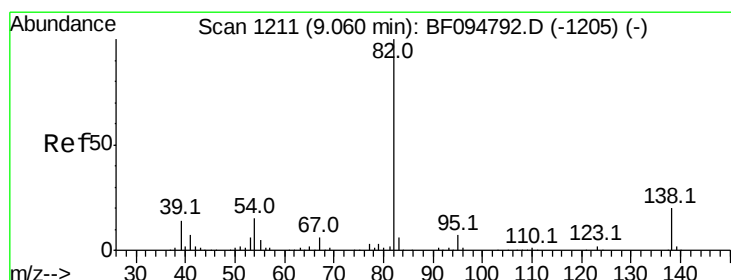
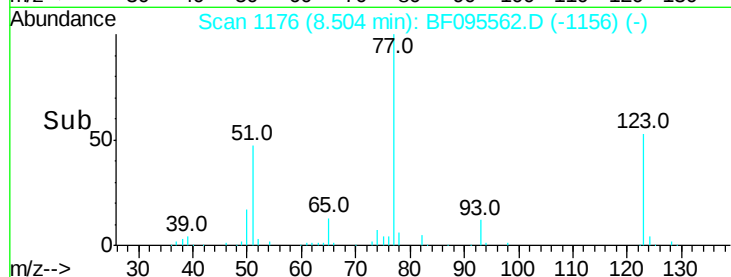
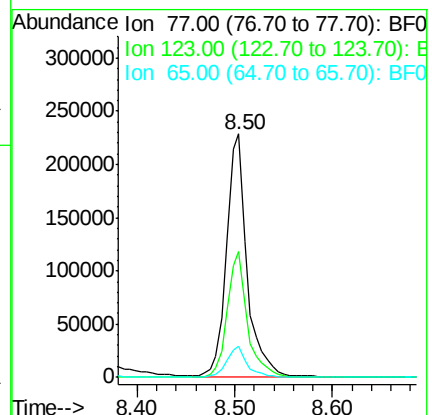
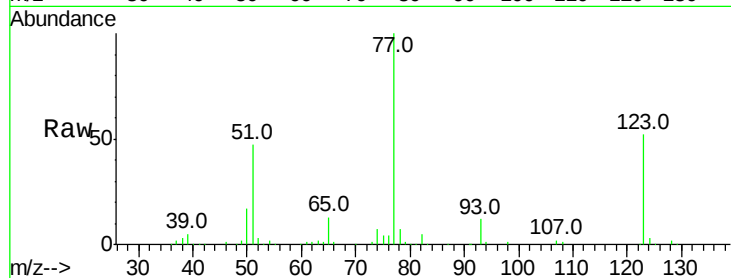
Tot Ion: 77 Resp: 333318

Ion Ratio Lower Upper

77 100

123 51.6 35.8 53.8

65 12.7 10.6 15.8



#25

Isophorone

Concen: 41.75 ng

RT: 8.90 min Scan# 1244

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

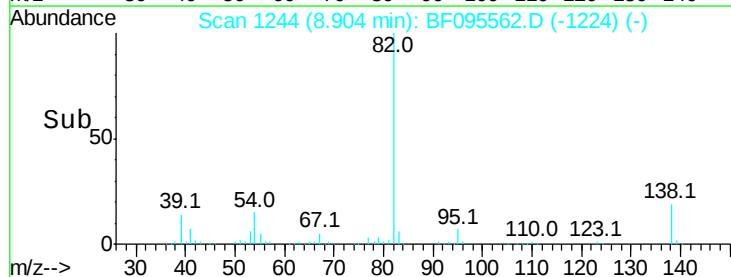
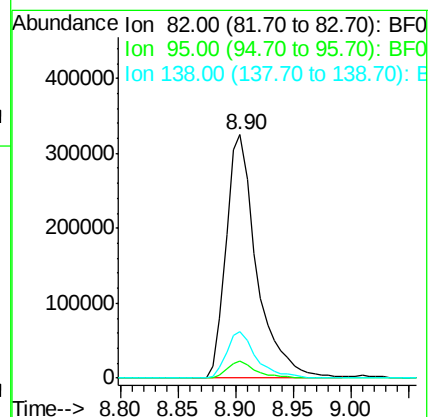
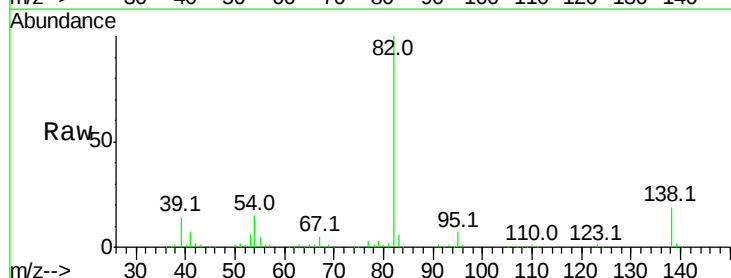
Tgt Ion: 82 Resp: 598368

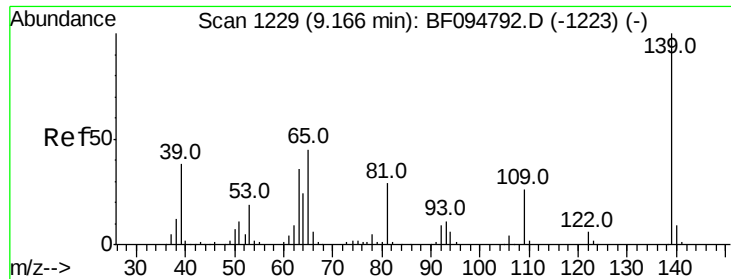
Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.3 13.1 19.7

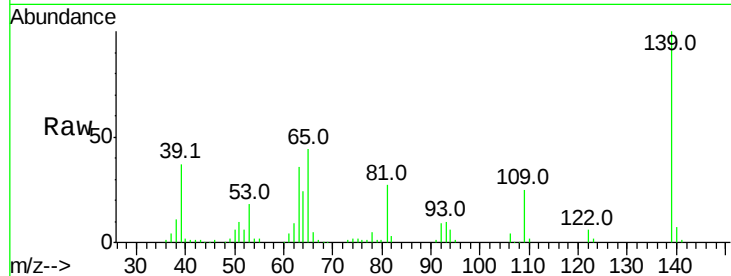




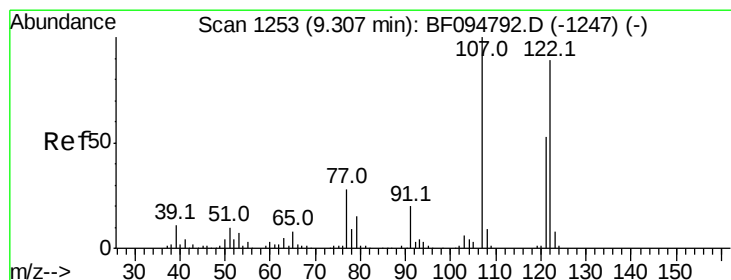
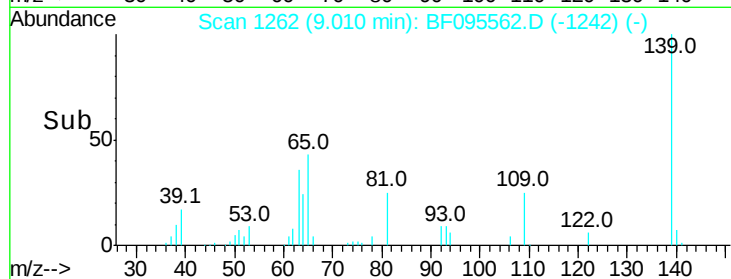
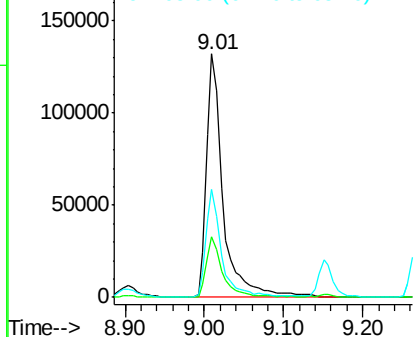
#26
 2-Nitrophenol
 Concen: 42.61 ng
 RT: 9.01 min Scan# 1262
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	24.9	21.0	31.6
65	44.2	33.0	49.6

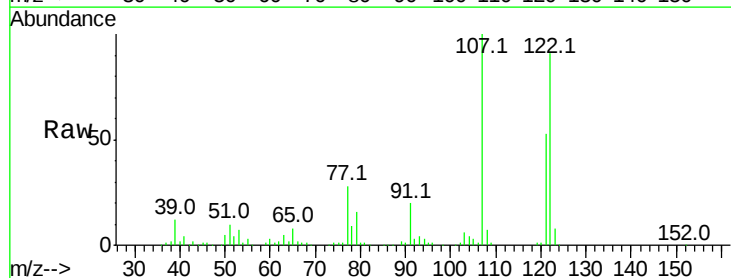


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

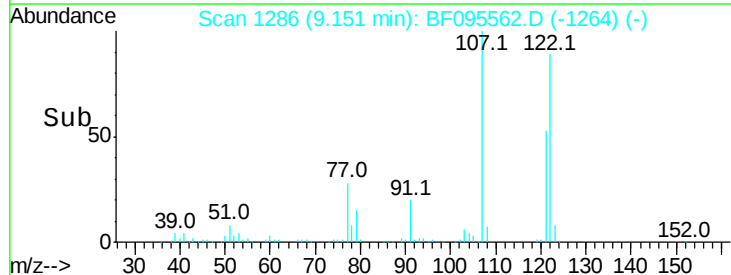
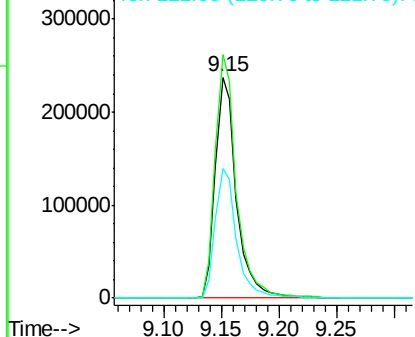


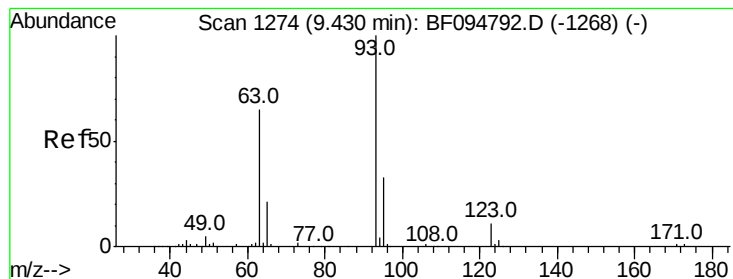
#27
 2,4-Dimethylphenol
 Concen: 41.31 ng
 RT: 9.15 min Scan# 1286
 Delta R.T. -0.17 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.2	133.8
121	58.9	45.2	67.8



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 41.91 ng

RT: 9.27 min Scan# 1307

Delta R.T. -0.17 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampled :

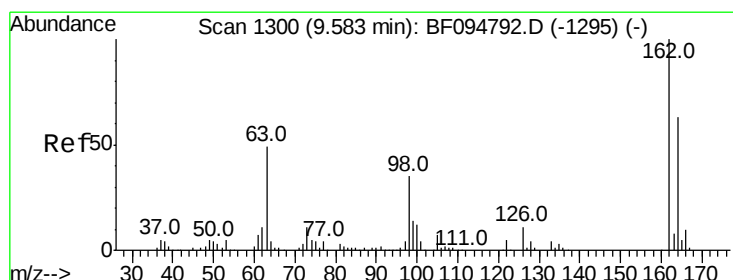
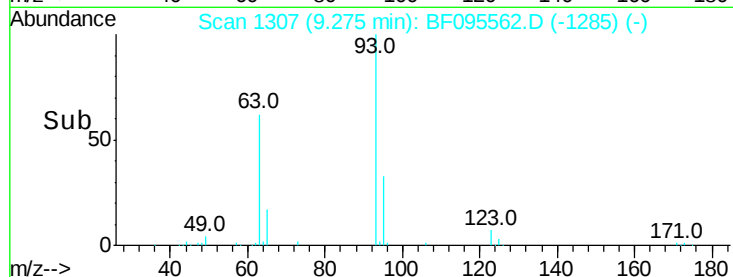
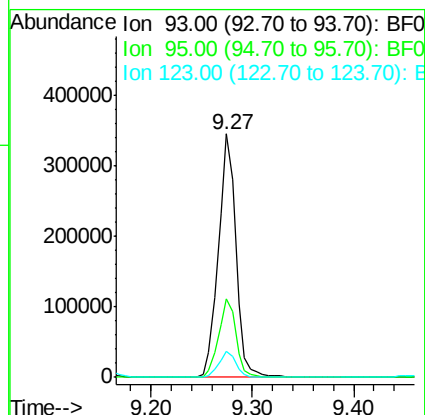
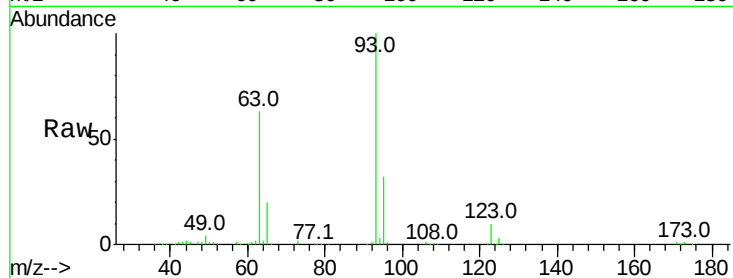
Tot Ion: 93 Resp: 41532

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

123 10.5 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 40.25 ng

RT: 9.43 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

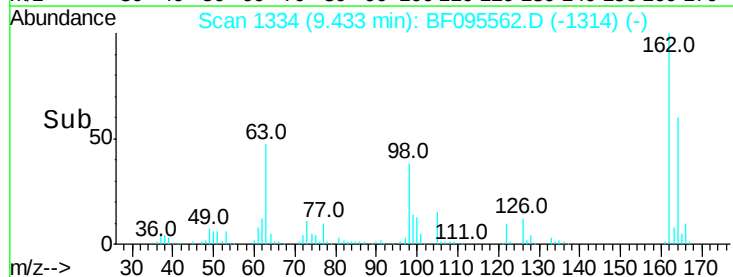
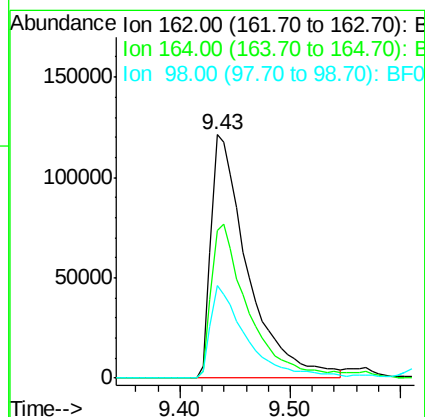
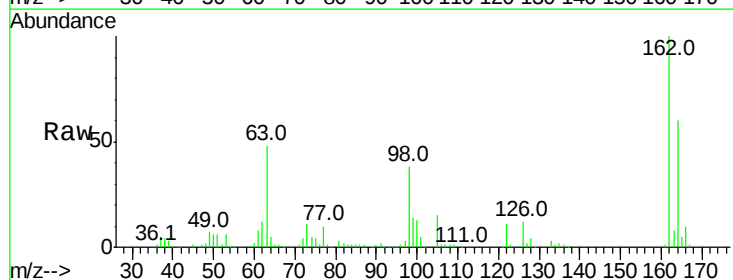
Tgt Ion:162 Resp: 278945

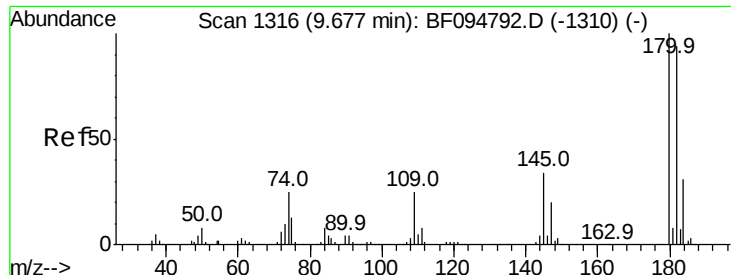
Ion Ratio Lower Upper

162 100

164 60.4 44.6 84.6

98 37.8 14.8 54.8

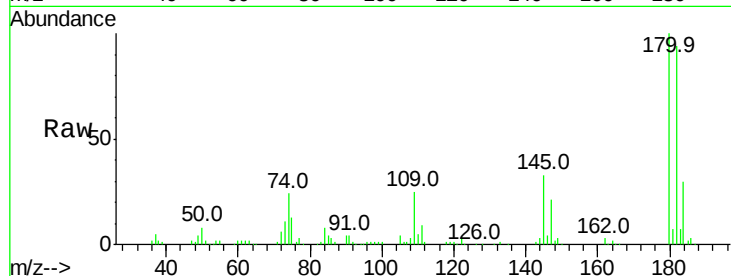




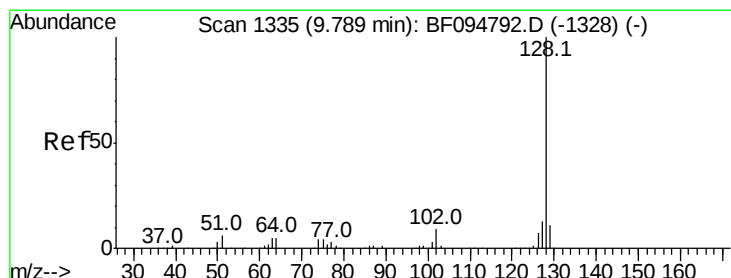
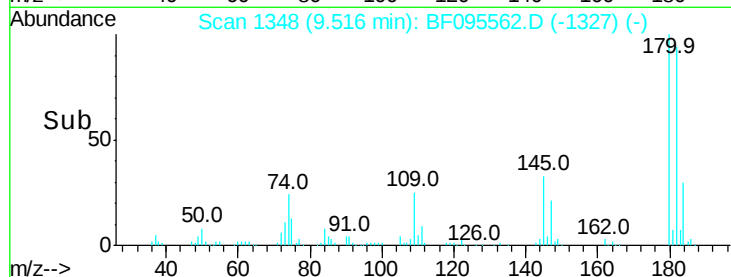
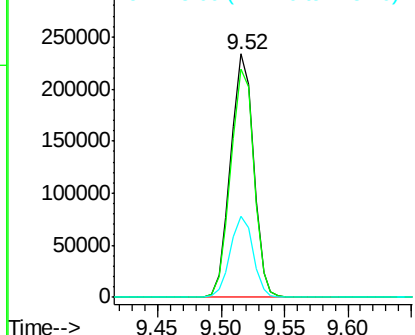
#30
 1,2,4-Trichlorobenzene
 Concen: 39.47 ng
 RT: 9.52 min Scan# 1348
 Delta R.T. -0.17 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 293120
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.8 113.6
 145 33.2 25.3 37.9

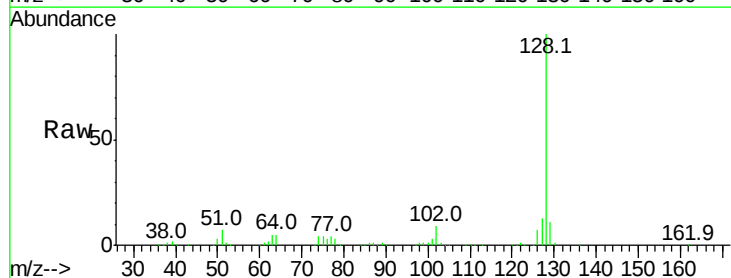


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

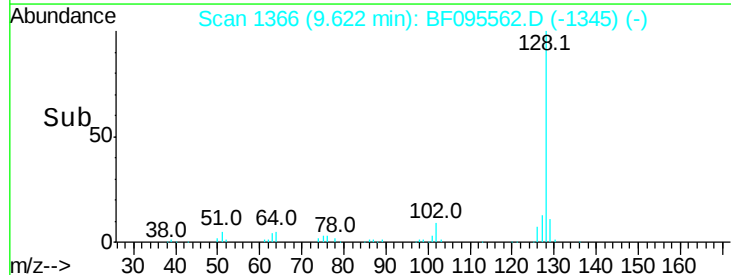
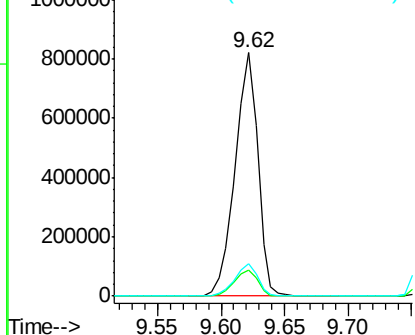


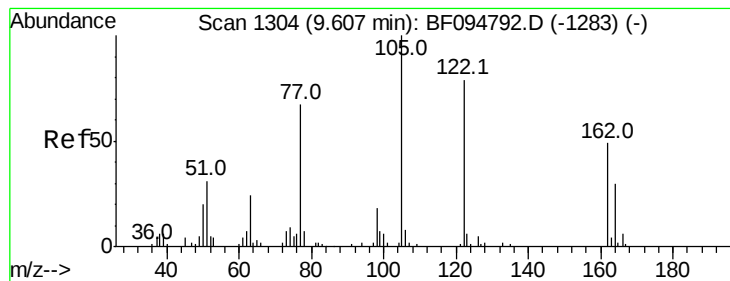
#31
 Naphthalene
 Concen: 40.05 ng
 RT: 9.62 min Scan# 1366
 Delta R.T. -0.17 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:128 Resp: 1018870
 Ion Ratio Lower Upper
 128 100
 129 10.9 9.0 13.6
 127 13.3 10.8 16.2



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





#32

Benzoic acid

Concen: 34.44 ng

RT: 9.50 min Scan# 1346

Delta R.T. -0.17 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :

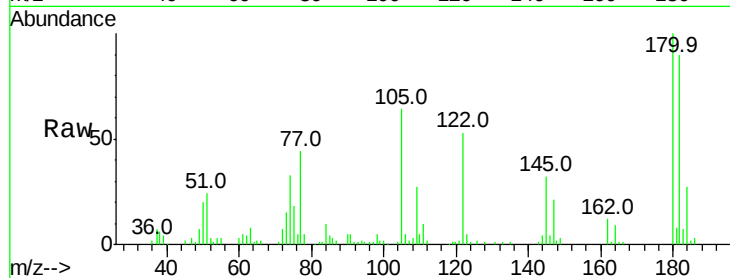
Tot Ion:122 Resp: 158232

Ion Ratio Lower Upper

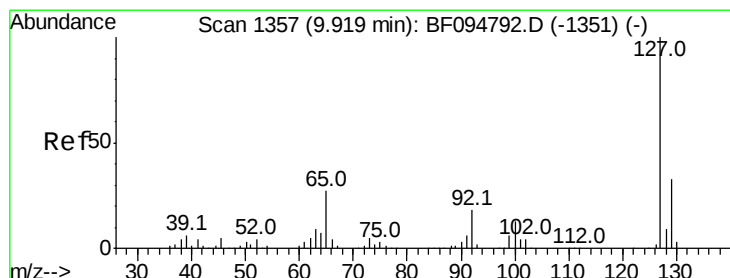
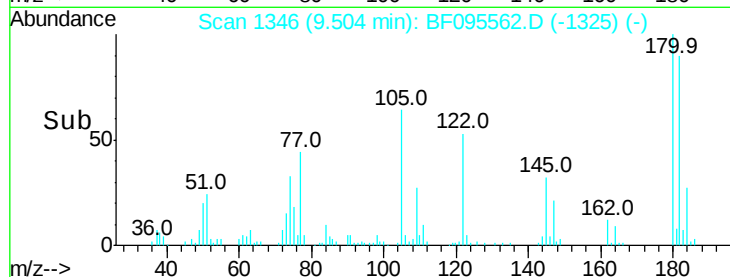
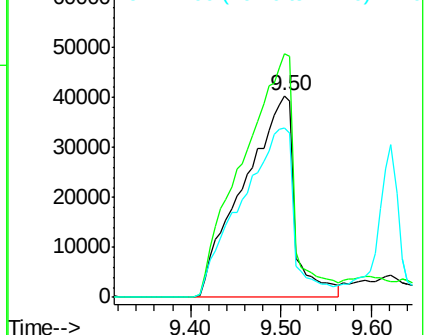
122 100

105 120.6 103.3 143.3

77 83.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 42.77 ng

RT: 9.76 min Scan# 1390

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Tgt Ion:127 Resp: 405499

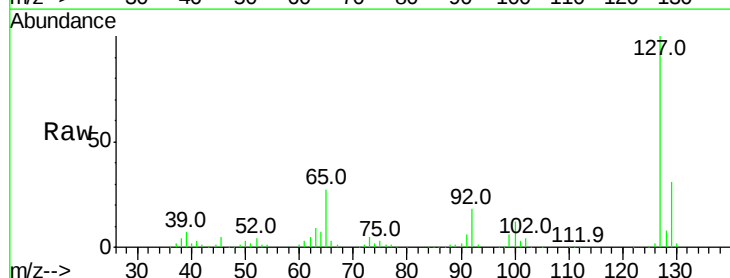
Ion Ratio Lower Upper

127 100

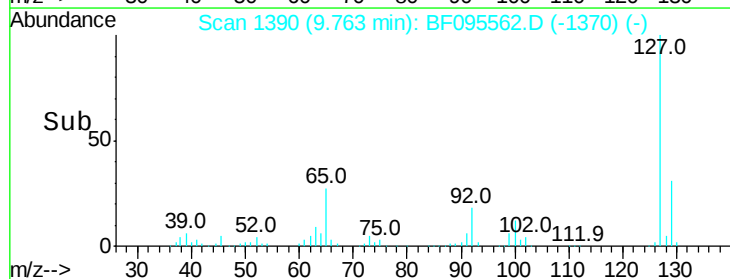
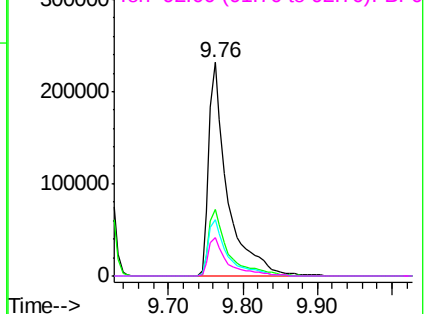
129 31.1 26.2 39.2

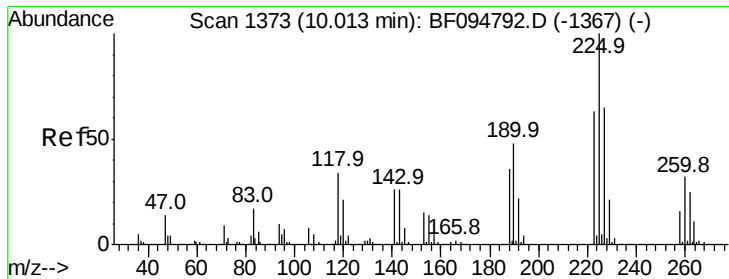
65 26.6 27.8 41.8#

92 17.9 16.8 25.2



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

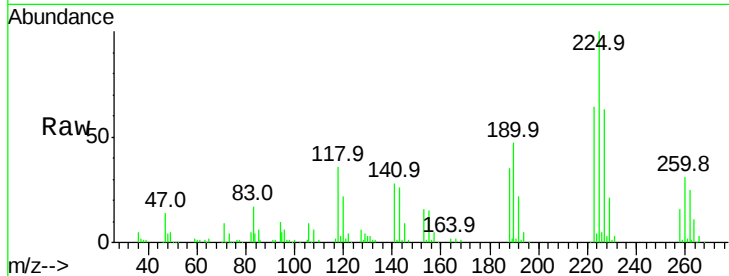




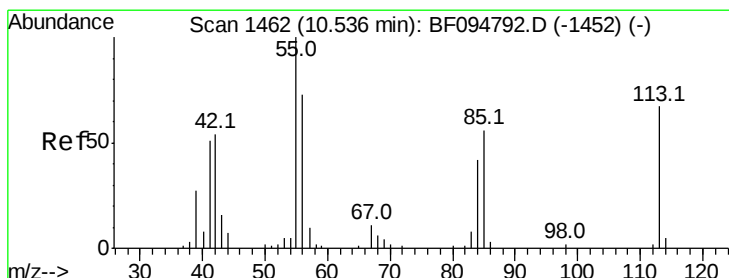
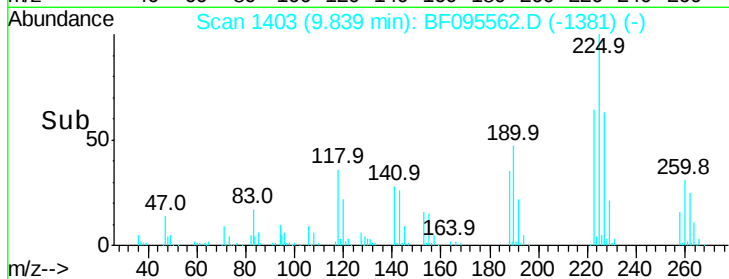
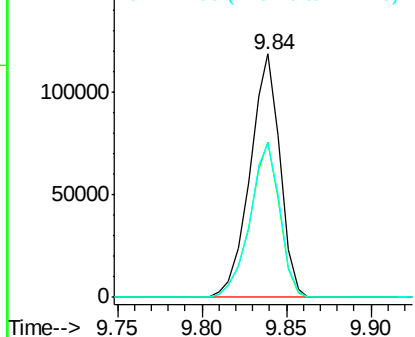
#34
Hexachlorobutadiene
Concen: 37.28 ng
RT: 9.84 min Scan# 1403
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 146061
Ion Ratio Lower Upper
225 100
223 63.9 48.8 73.2
227 63.4 51.1 76.7

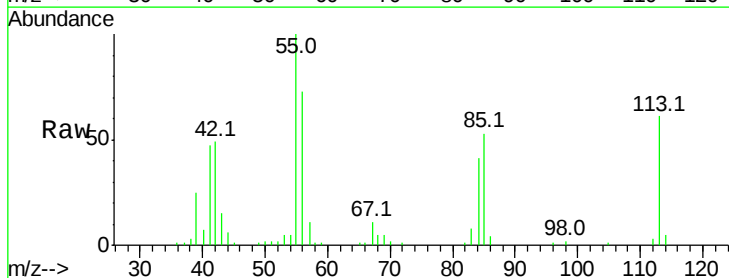


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

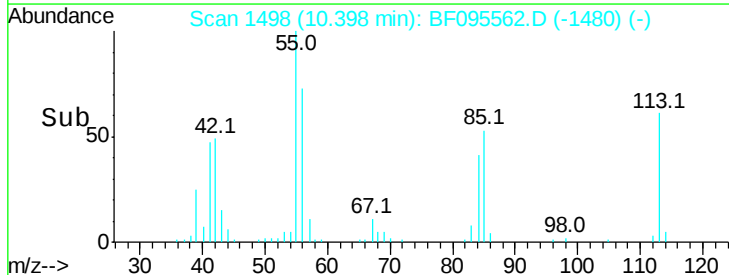
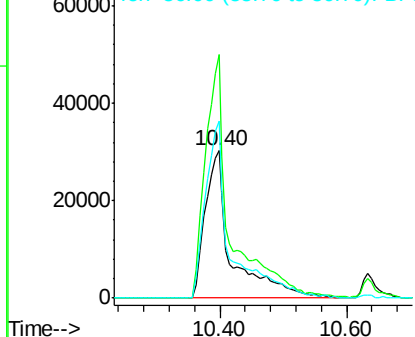


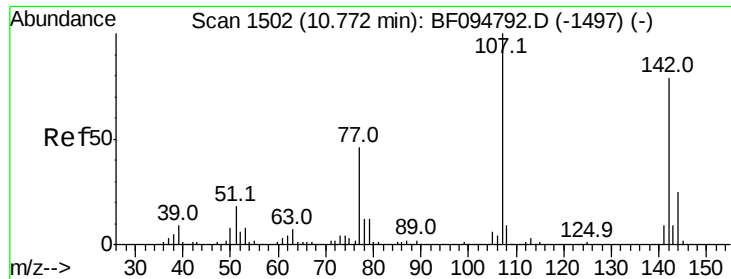
#35
Caprolactam
Concen: 42.42 ng
RT: 10.40 min Scan# 1498
Delta R.T. -0.19 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion:113 Resp: 88293
Ion Ratio Lower Upper
113 100
55 165.2 150.2 190.2
56 119.9 107.8 147.8



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

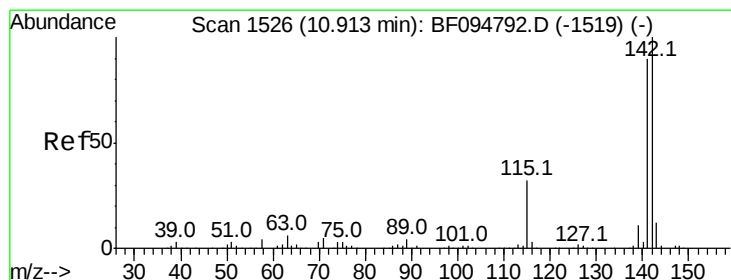
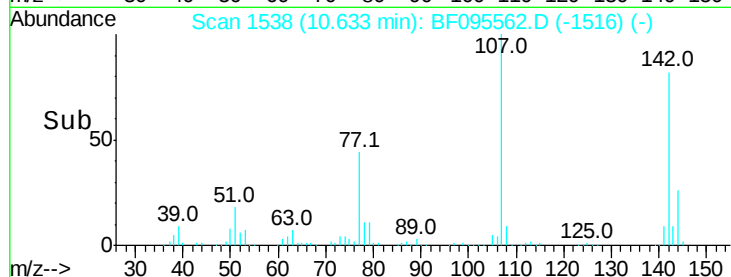
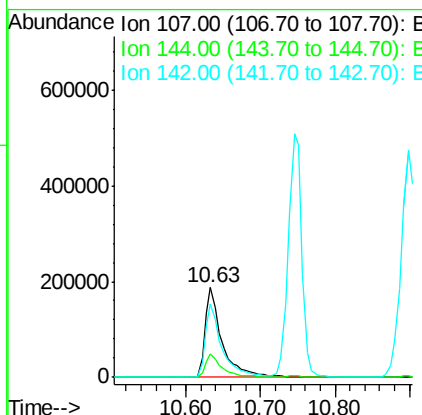
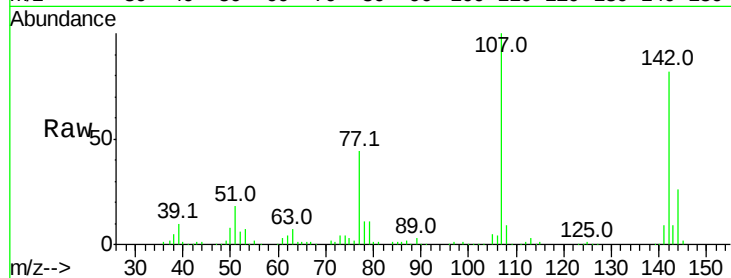




#36
 4-Chloro-3-methylphenol
 Concen: 40.11 ng
 RT: 10.63 min Scan# 1538
 Delta R.T. -0.17 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

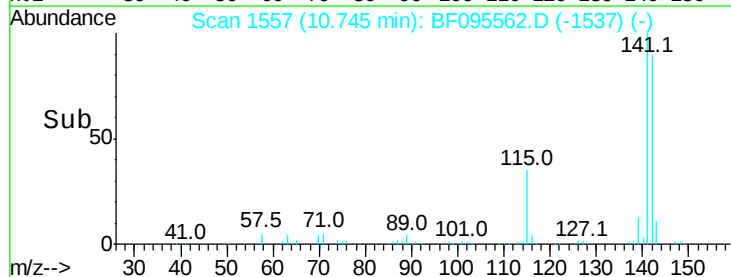
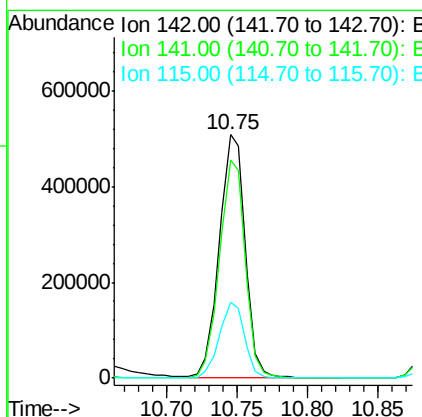
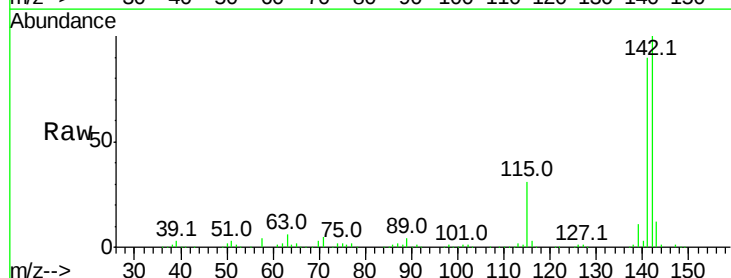
Instrument :
 BNA_F
 ClientSampleId :

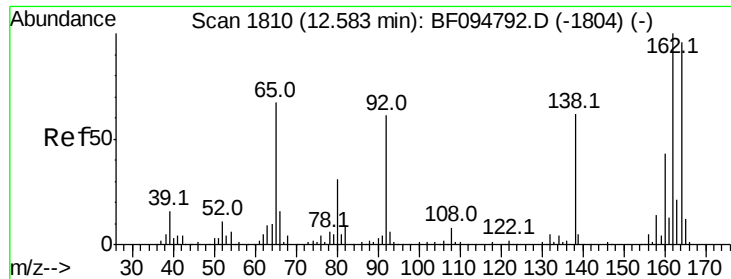
Tot Ion:107 Resp: 297261
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 82.5 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 38.83 ng
 RT: 10.75 min Scan# 1557
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:142 Resp: 648280
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 31.0 27.1 40.7

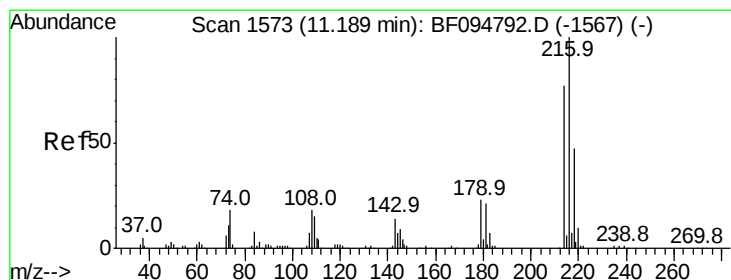
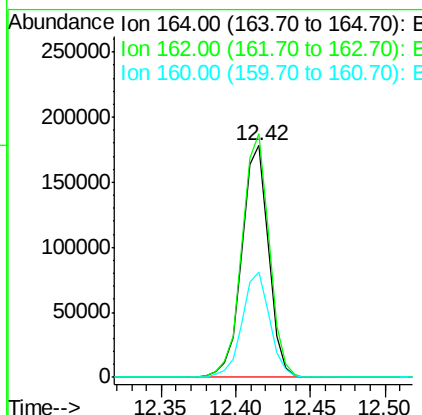
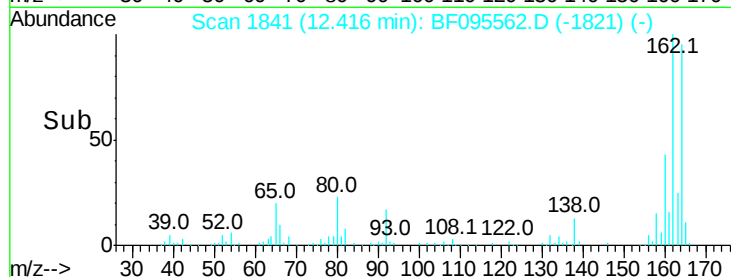
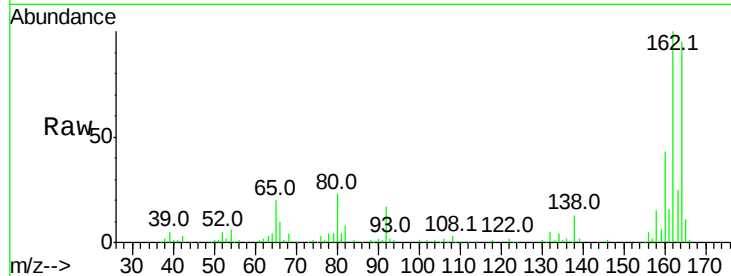




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1841
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

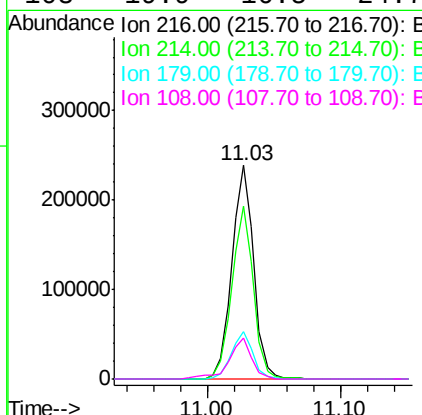
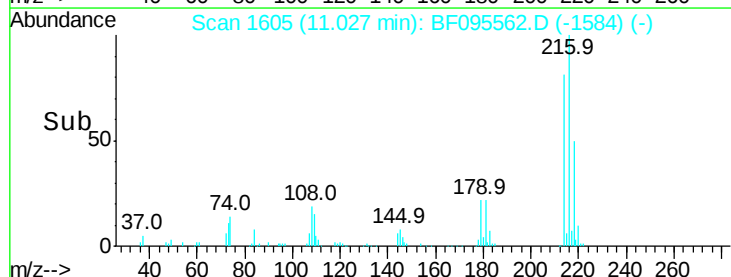
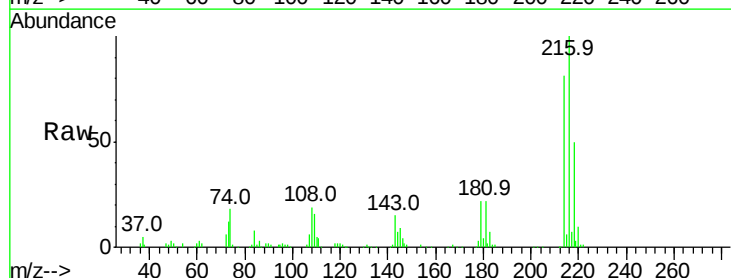
Instrument :
 BNA_F
 ClientSampled :

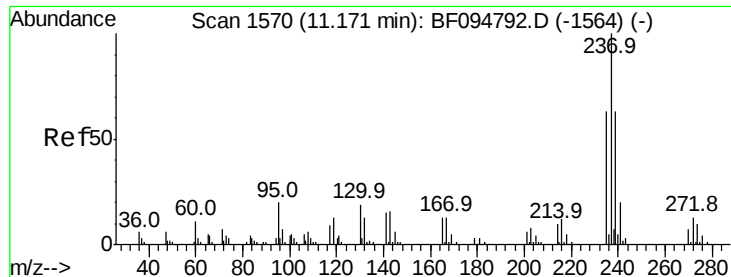
Tot Ion:164 Resp: 220743
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 45.5 36.2 54.2



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.23 ng
 RT: 11.03 min Scan# 1605
 Delta R.T. -0.17 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:216 Resp: 273093
 Ion Ratio Lower Upper
 216 100
 214 80.0 63.4 95.2
 179 22.0 17.9 26.9
 108 19.9 16.5 24.7

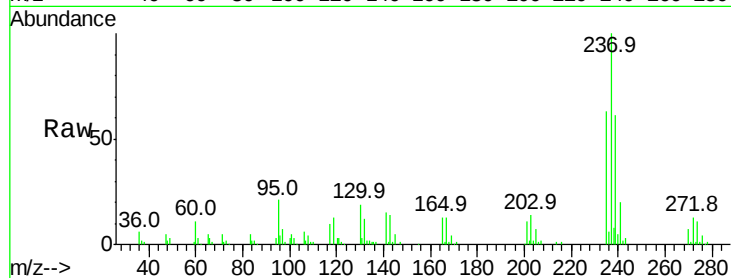




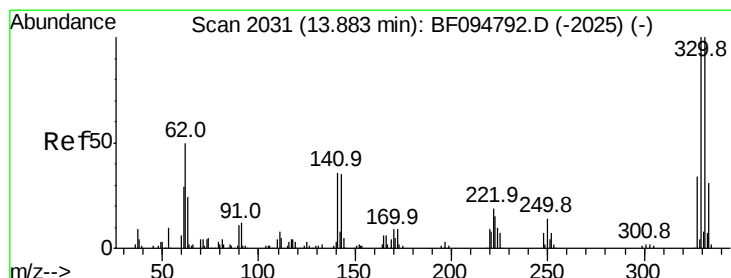
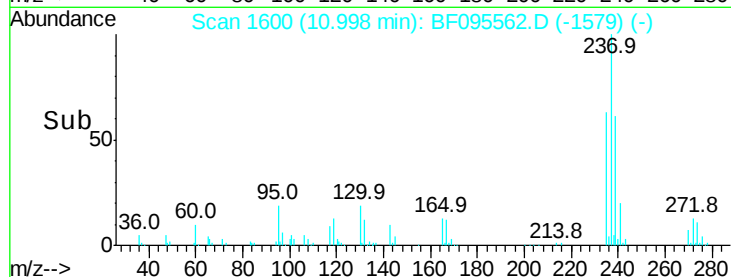
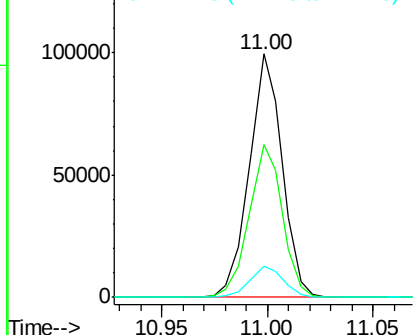
#40
Hexachlorocyclopentadiene
Concen: 40.91 ng
RT: 11.00 min Scan# 1600
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 107604
Ion Ratio Lower Upper
237 100
235 62.8 42.6 82.6
272 12.6 0.0 31.9

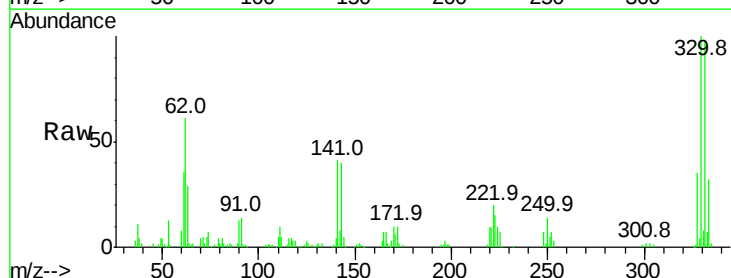


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

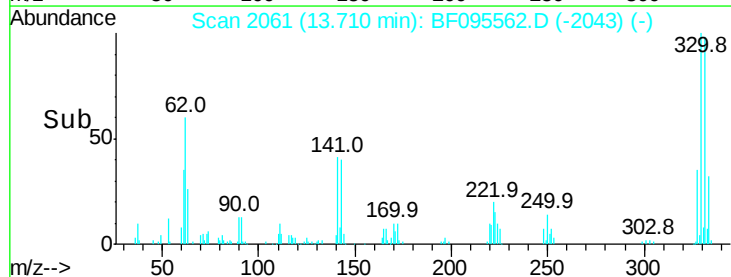
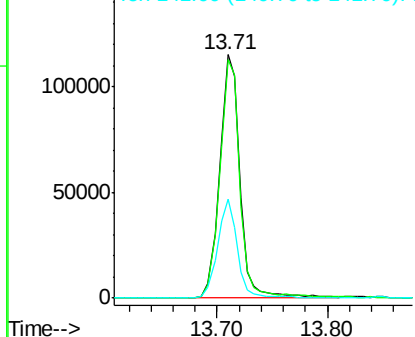


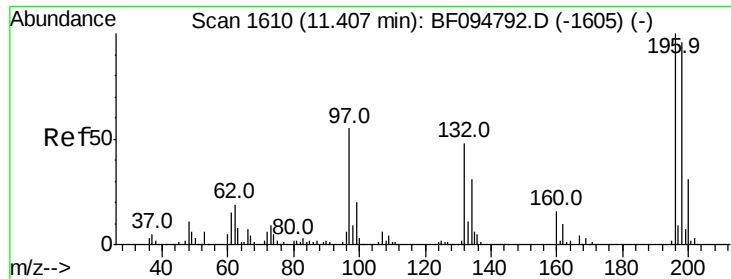
#41
2,4,6-Tribromophenol
Concen: 81.67 ng
RT: 13.71 min Scan# 2061
Delta R.T. -0.19 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion:330 Resp: 147639
Ion Ratio Lower Upper
330 100
332 98.0 76.6 115.0
141 39.2 31.4 47.2



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

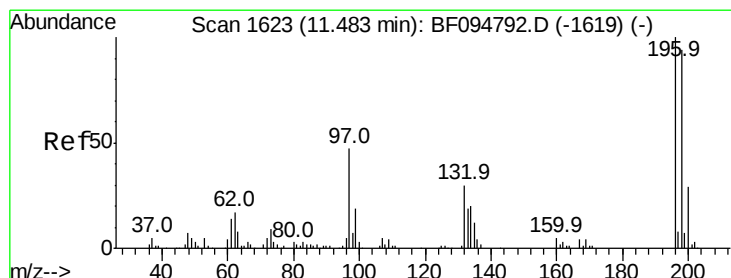
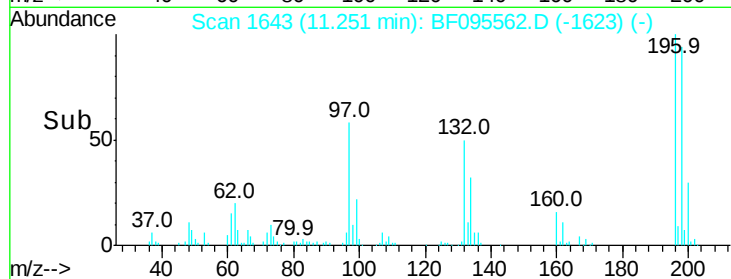
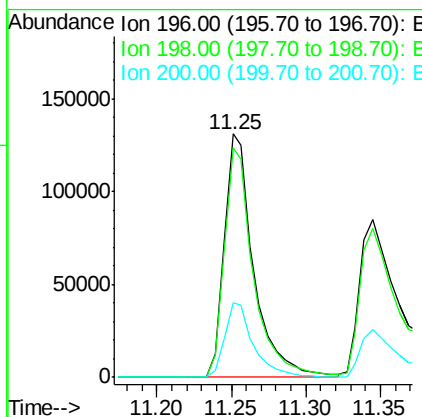
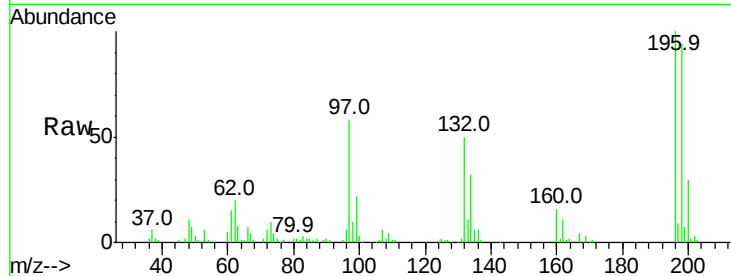




#42
 2,4,6-Trichlorophenol
 Concen: 40.28 ng
 RT: 11.25 min Scan# 1643
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

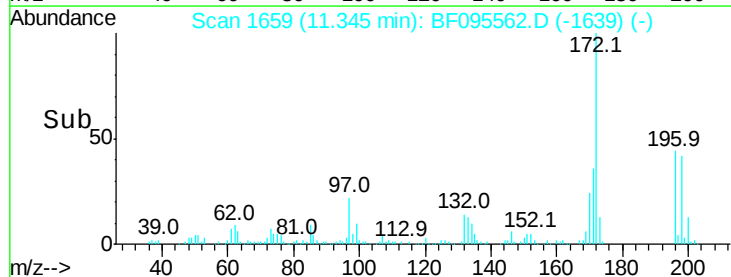
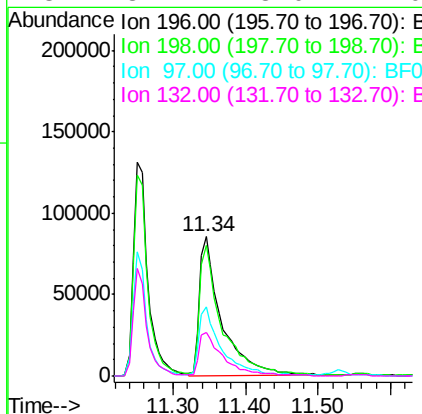
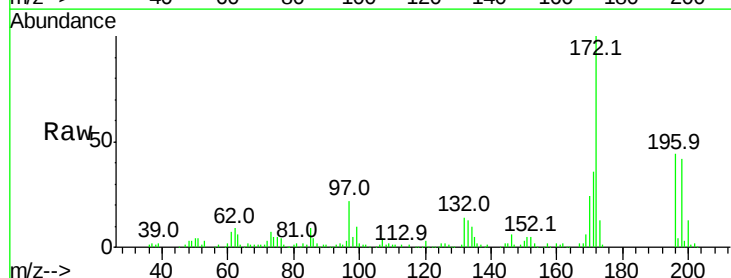
Instrument :
 BNA_F
 ClientSampled :

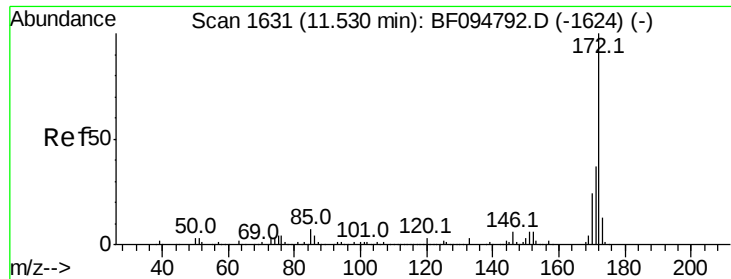
Tot Ion:196 Resp: 182588
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.2 111.4
 200 30.5 24.0 36.0



#43
 2,4,5-Trichlorophenol
 Concen: 37.17 ng
 RT: 11.34 min Scan# 1659
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:196 Resp: 181074
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 97 49.5 47.7 71.5
 132 31.7 28.0 42.0



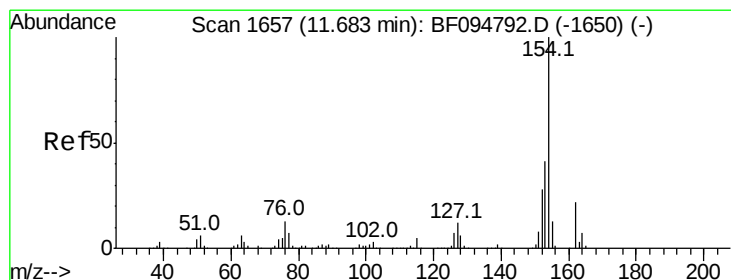
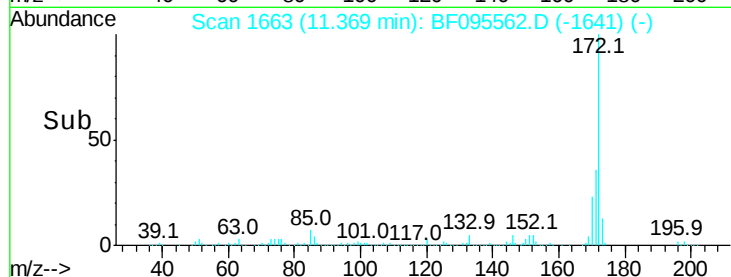
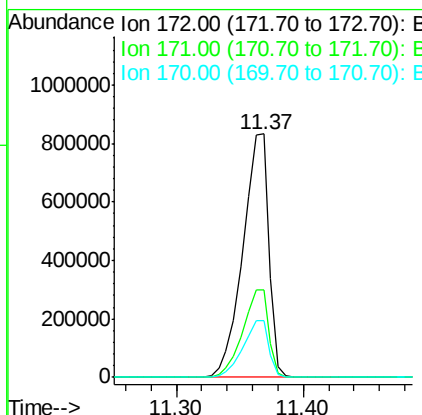
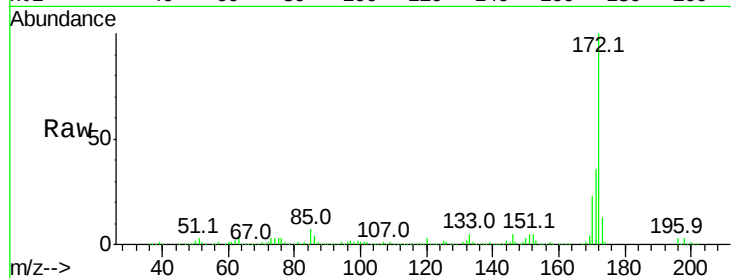


#44
 2-Fluorobiphenyl
 Concen: 77.31 ng
 RT: 11.37 min Scan# 1663
 Delta R.T. -0.17 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1185649

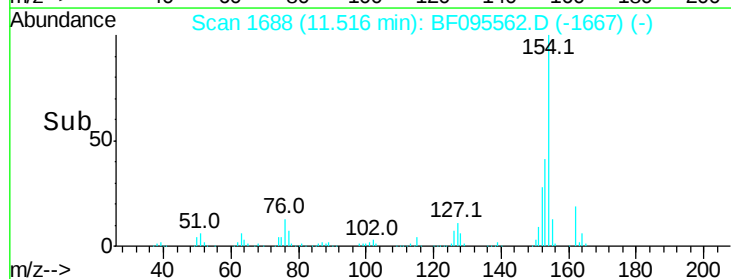
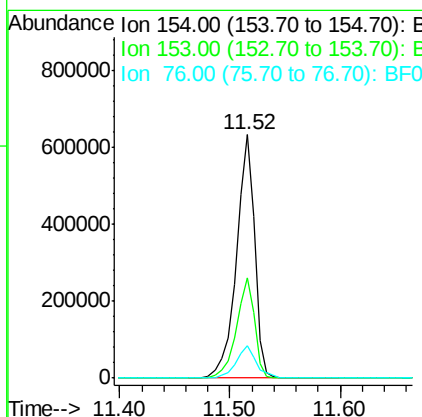
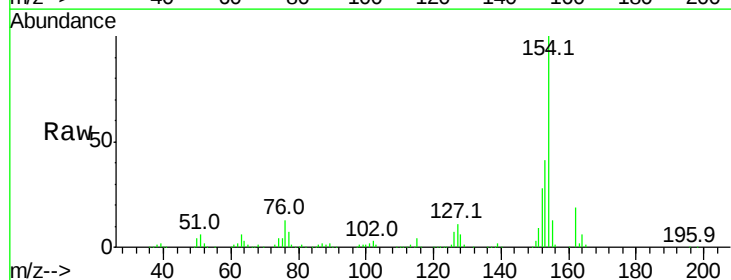
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.4	19.8	29.8

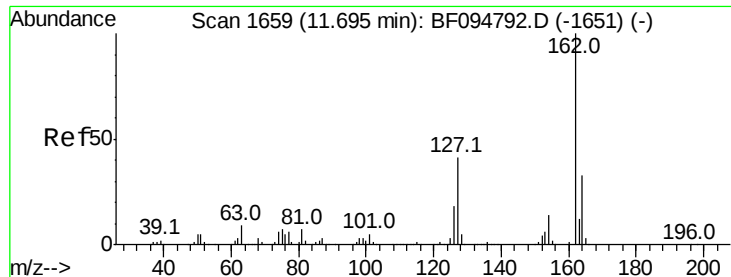


#45
 1,1'-Biphenyl
 Concen: 39.53 ng
 RT: 11.52 min Scan# 1688
 Delta R.T. -0.17 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:154 Resp: 734753

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.2	61.2
76	13.3	0.0	29.9

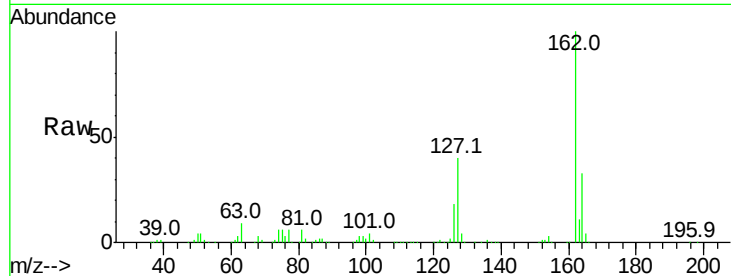




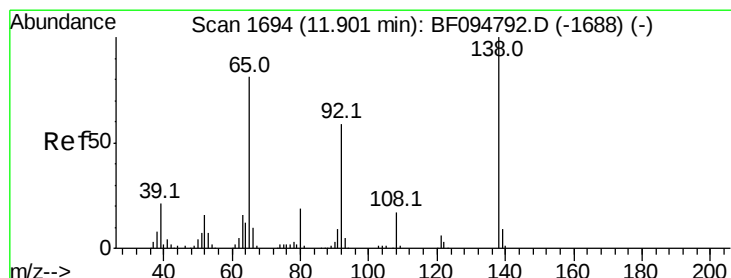
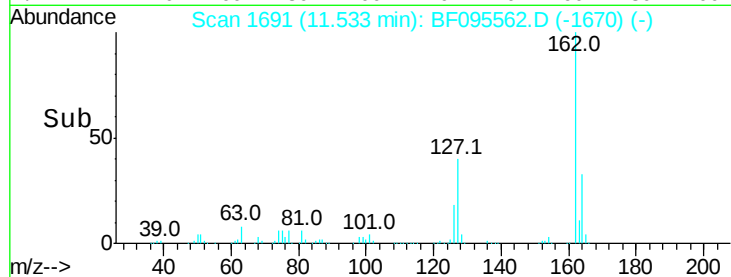
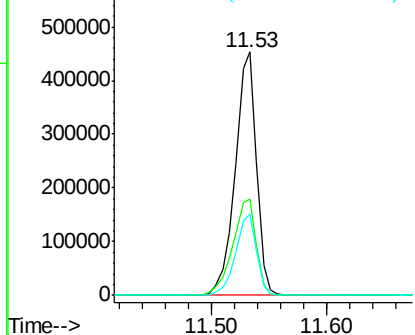
#46
2-Chloronaphthalene
Concen: 38.43 ng
RT: 11.53 min Scan# 1691
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 576721
Ion Ratio Lower Upper
162 100
127 39.8 28.3 42.5
164 33.4 27.0 40.4

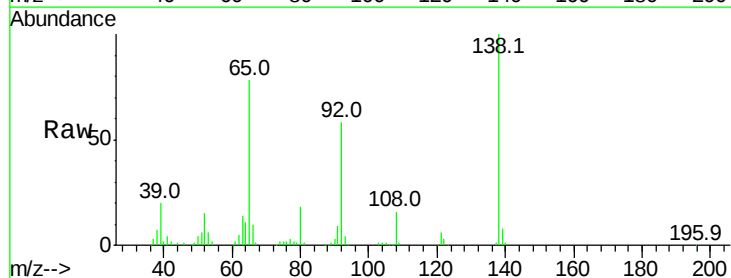


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

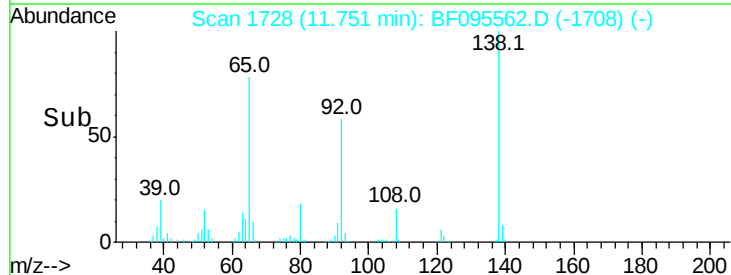
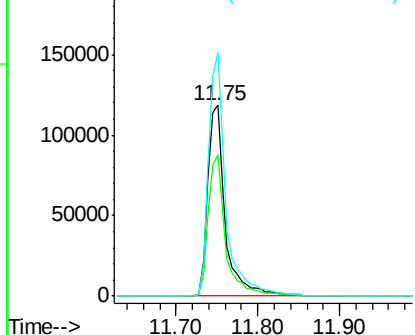


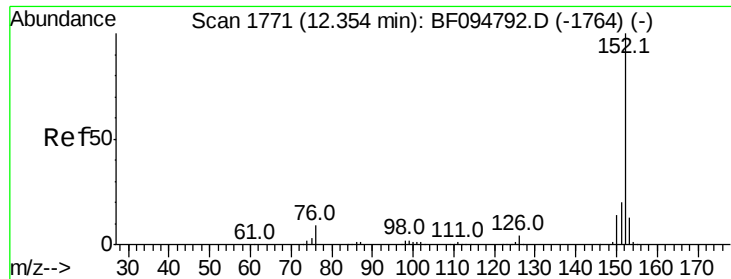
#47
2-Nitroaniline
Concen: 42.89 ng
RT: 11.75 min Scan# 1728
Delta R.T. -0.18 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion: 65 Resp: 176148
Ion Ratio Lower Upper
65 100
92 73.8 53.9 80.9
138 127.8 78.8 118.2#



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





#48

Acenaphthylene

Concen: 39.34 ng

RT: 12.19 min Scan# 1802

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampled :

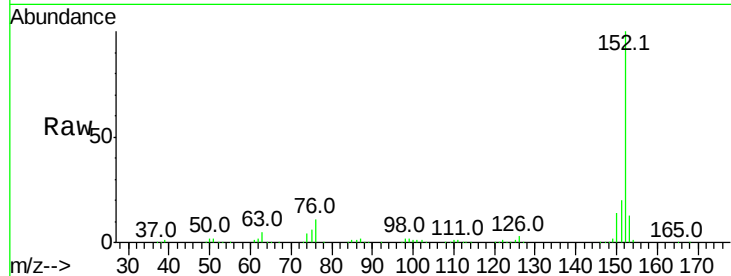
Tot Ion:152 Resp: 924689

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

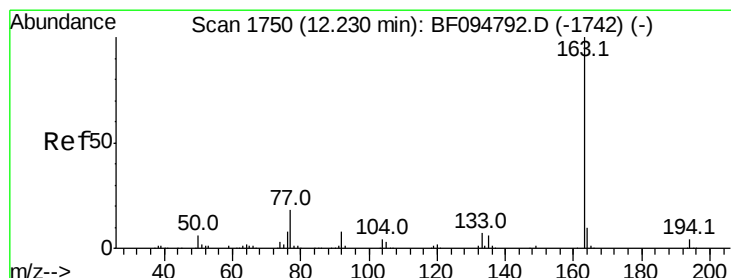
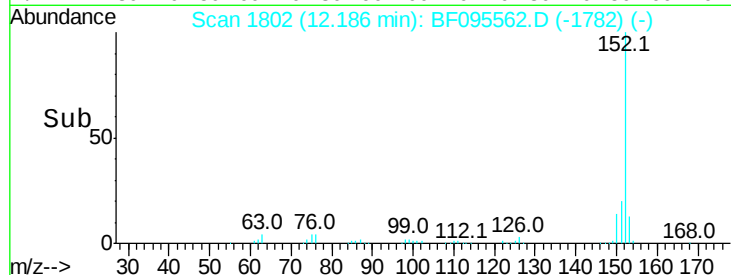
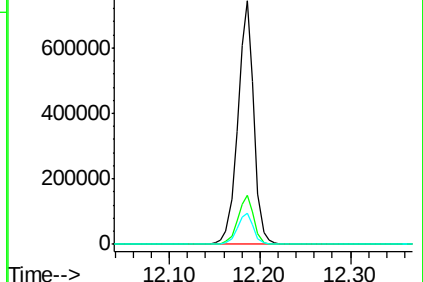
153 13.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.06 ng

RT: 12.07 min Scan# 1782

Delta R.T. -0.17 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

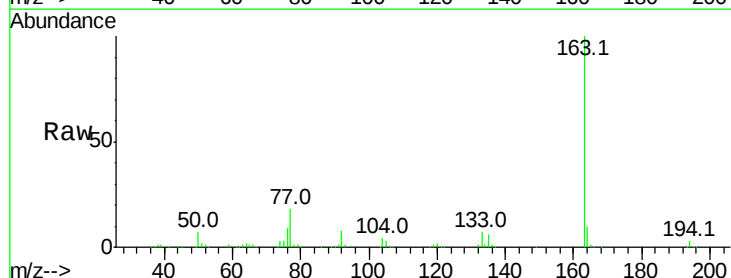
Tgt Ion:163 Resp: 725948

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

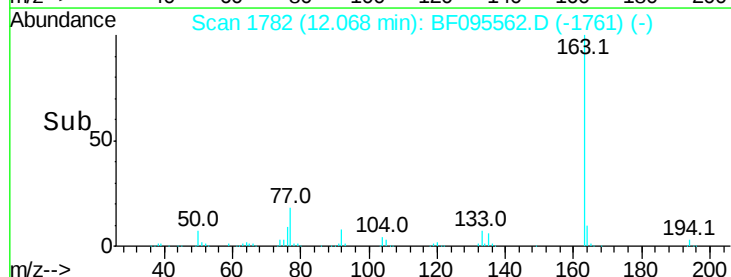
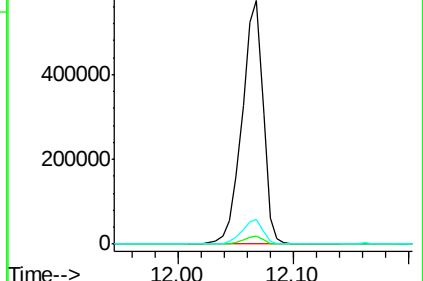
164 9.9 8.4 12.6

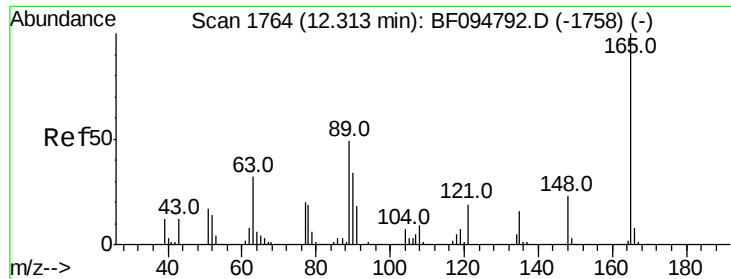


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

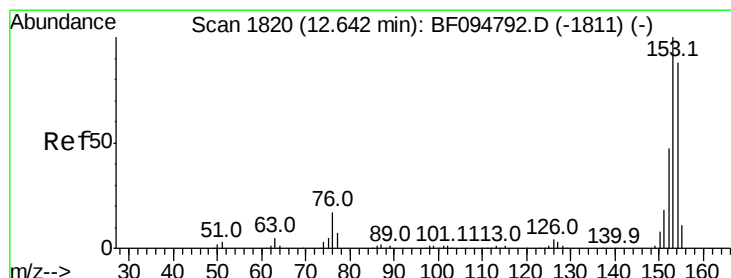
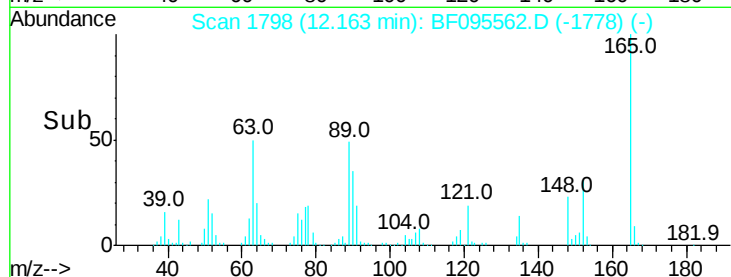
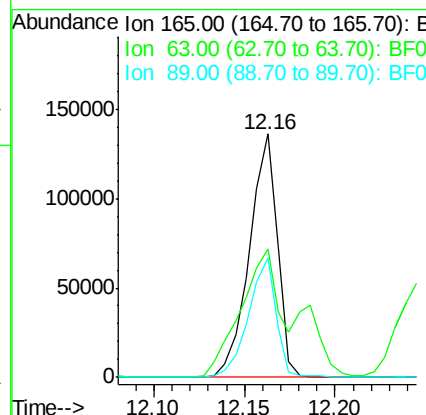
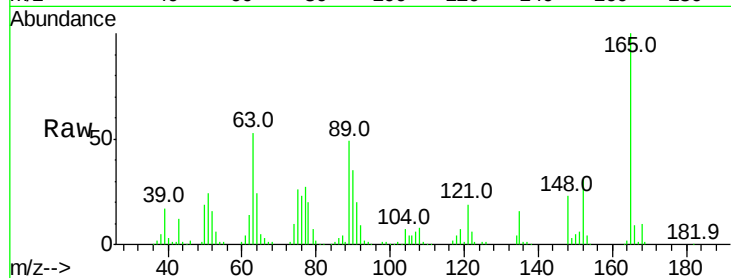




#50
 2,6-Dinitrotoluene
 Concen: 39.60 ng
 RT: 12.16 min Scan# 1798
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

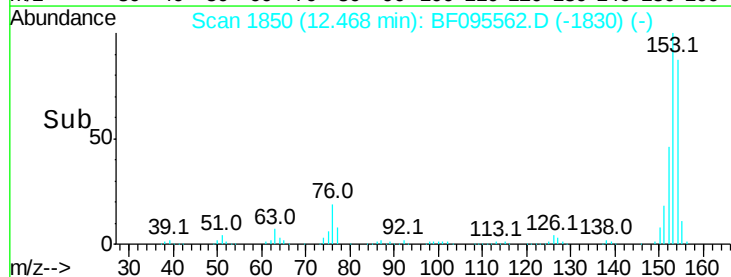
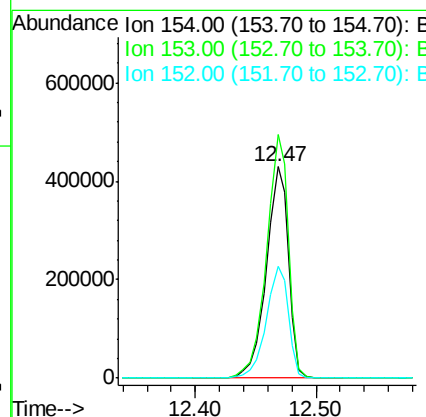
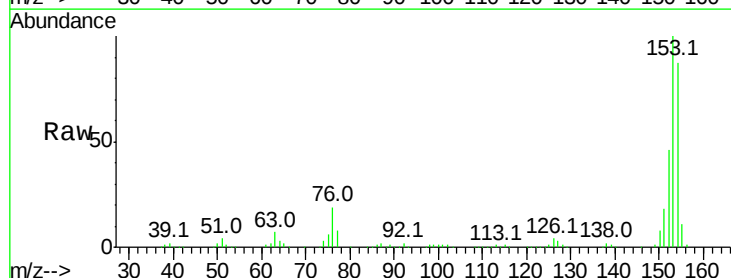
Instrument :
 BNA_F
 ClientSampleId :

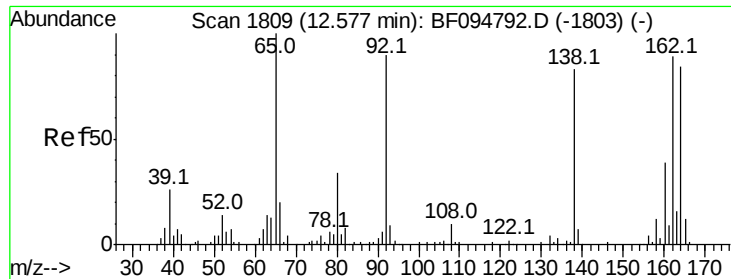
Tot Ion:165 Resp: 146397
 Ion Ratio Lower Upper
 165 100
 63 52.7 34.3 51.5#
 89 48.8 37.1 55.7



#51
 Acenaphthene
 Concen: 39.31 ng
 RT: 12.47 min Scan# 1850
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:154 Resp: 551933
 Ion Ratio Lower Upper
 154 100
 153 115.3 90.5 135.7
 152 52.8 43.6 65.4





#52

3-Nitroaniline

Concen: 45.54 ng

RT: 12.43 min Scan# 1843

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

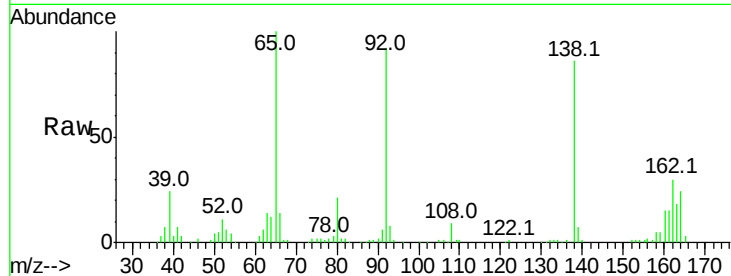
Tot Ion:138 Resp: 180716

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

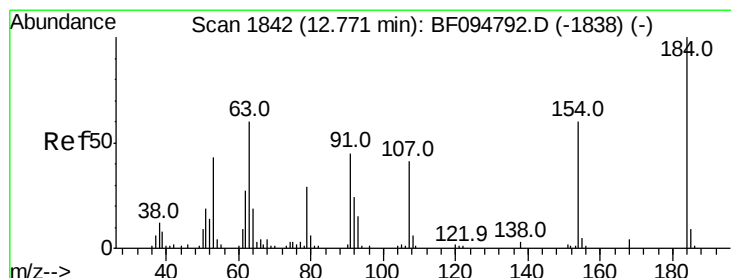
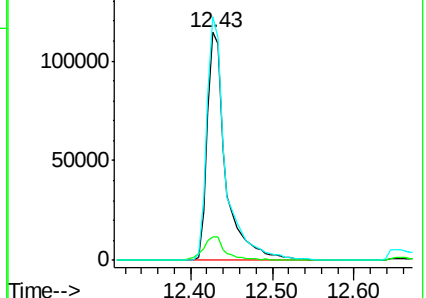
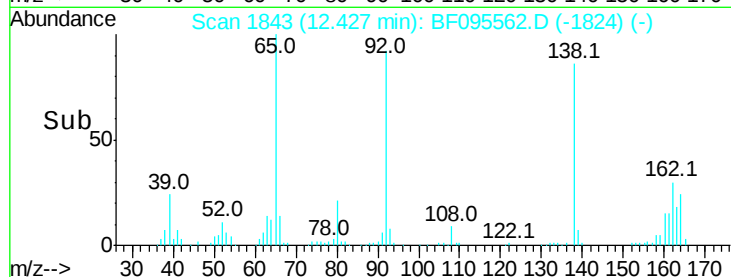
92 106.8 93.8 140.6



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: 37.67 ng

RT: 12.65 min Scan# 1881

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

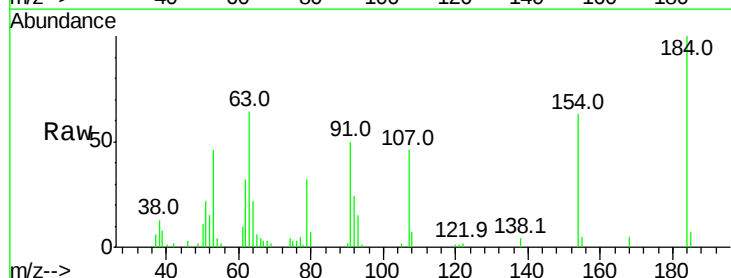
Tgt Ion:184 Resp: 69417

Ion Ratio Lower Upper

184 100

63 63.9 62.7 94.1

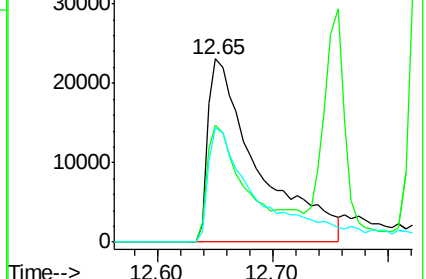
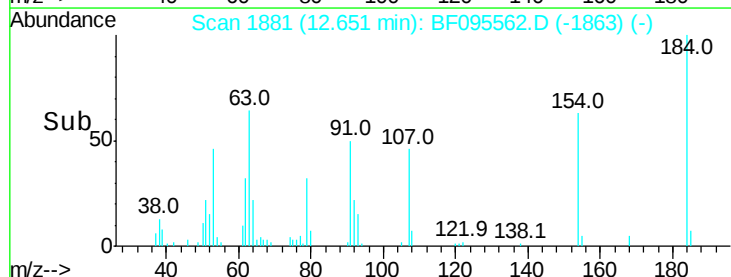
154 62.7 81.1 121.7#

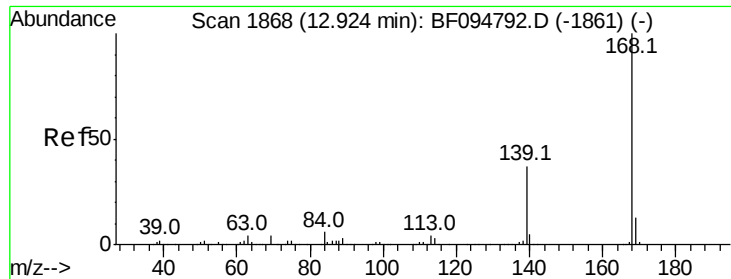


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 39.63 ng

RT: 12.76 min Scan# 1899

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

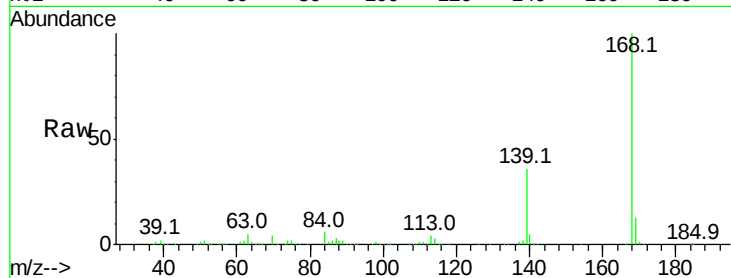
Tot Ion:168 Resp: 769981

Ion Ratio Lower Upper

168 100

139 36.2 30.6 45.8

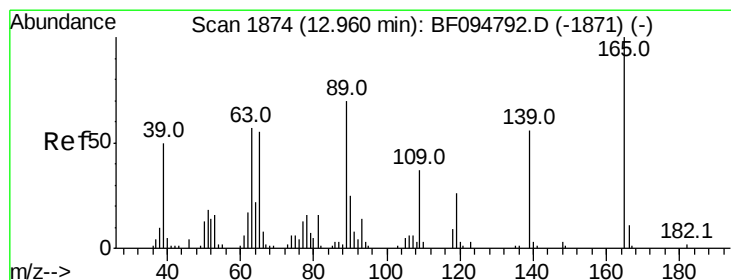
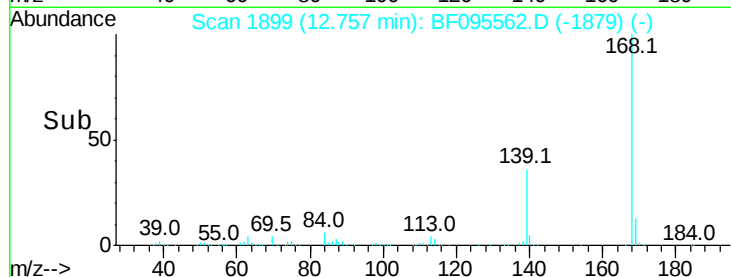
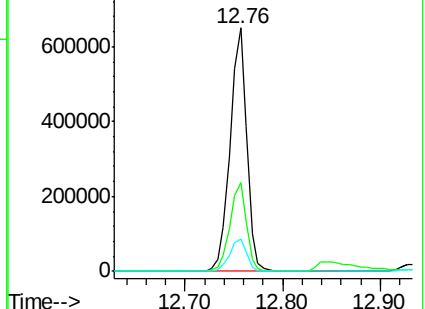
169 13.4 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 36.06 ng

RT: 12.84 min Scan# 1914

Delta R.T. -0.20 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

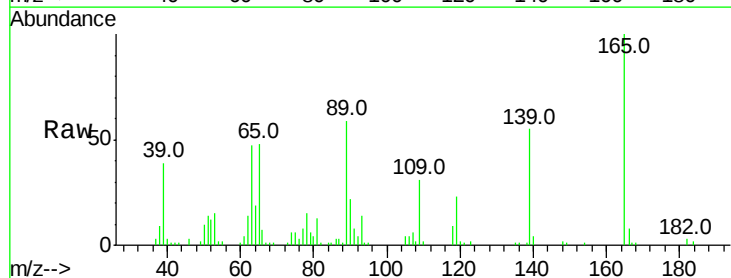
Tgt Ion:139 Resp: 85936

Ion Ratio Lower Upper

139 100

109 56.0 34.1 74.1

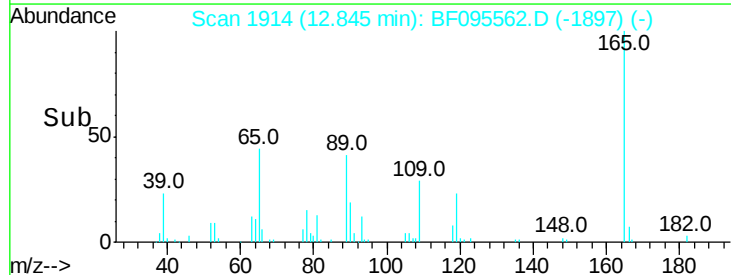
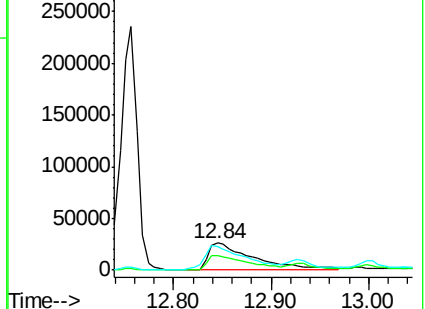
65 86.0 31.4 71.4#

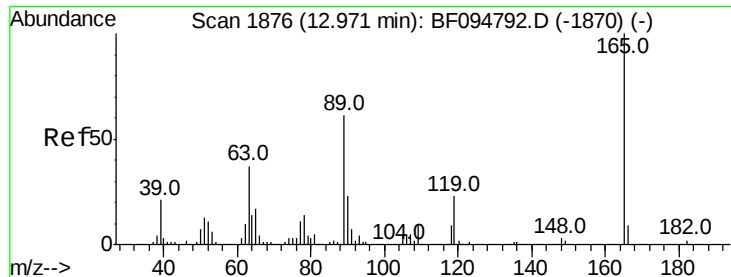


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

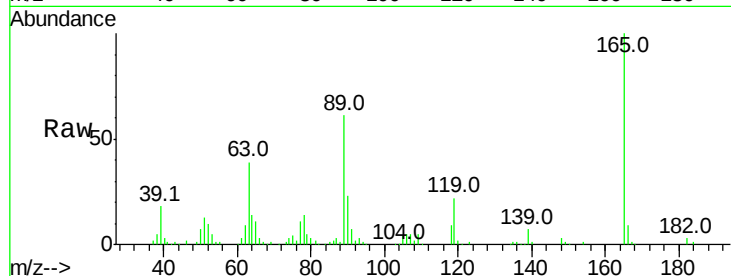




#56
2,4-Dinitrotoluene
Concen: 41.89 ng
RT: 12.83 min Scan# 1912
Delta R.T. -0.18 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.6	25.4	38.0#
89	61.2	46.4	69.6
182	2.6	1.8	2.6



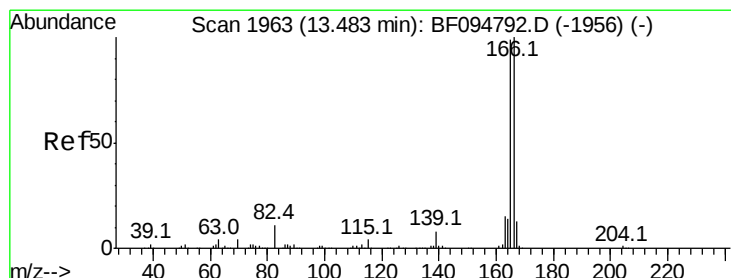
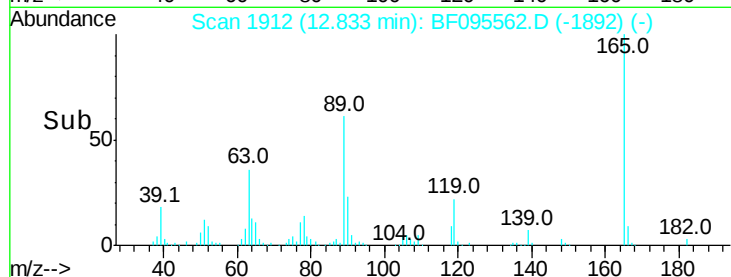
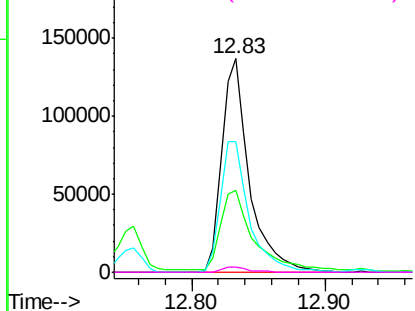
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

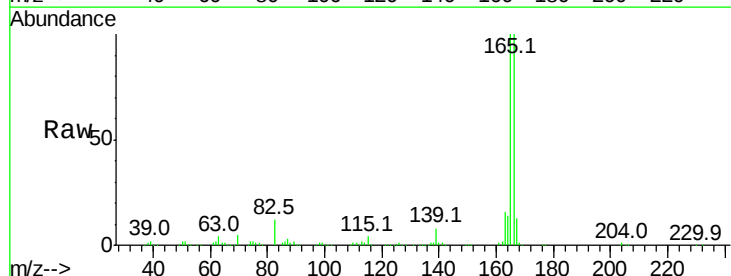
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 38.72 ng
RT: 13.31 min Scan# 1993
Delta R.T. -0.19 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.8	118.2
167	13.3	10.6	16.0

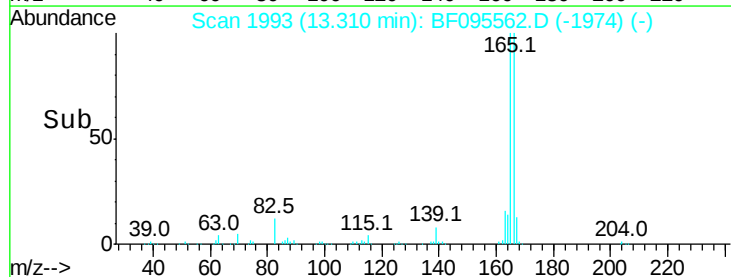
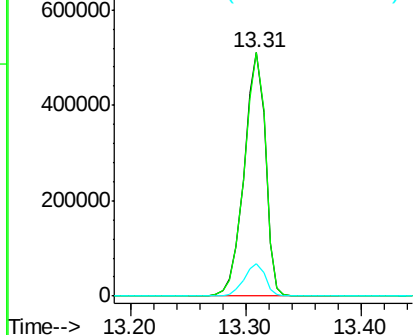


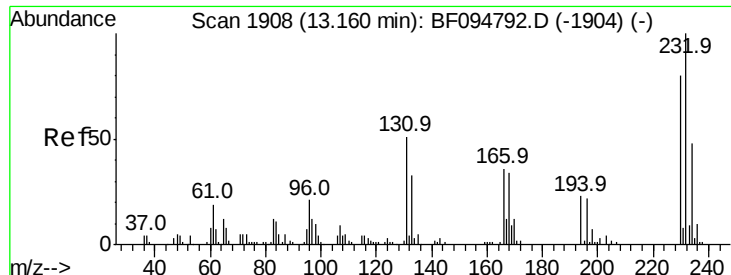
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

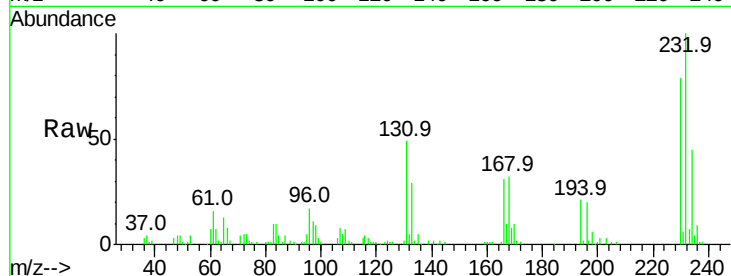




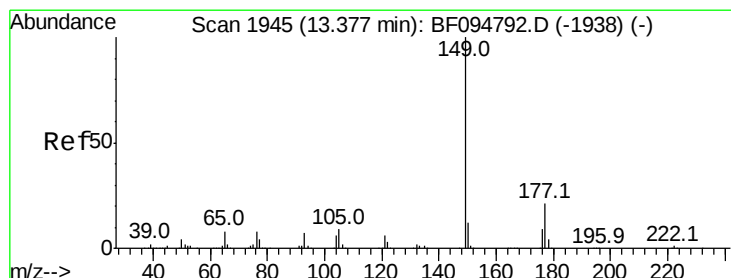
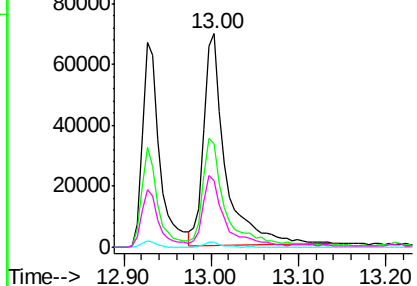
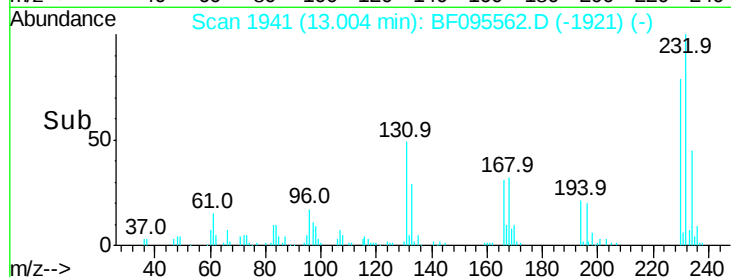
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.74 ng
 RT: 13.00 min Scan# 1941
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 121823
 Ion Ratio Lower Upper
 232 100
 131 52.4 44.8 67.2
 130 2.0 2.3 3.5#
 166 32.1 29.0 43.4

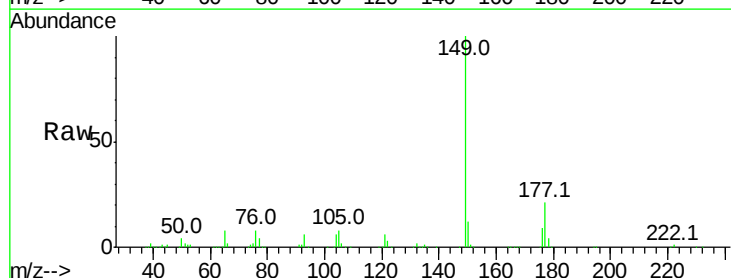


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

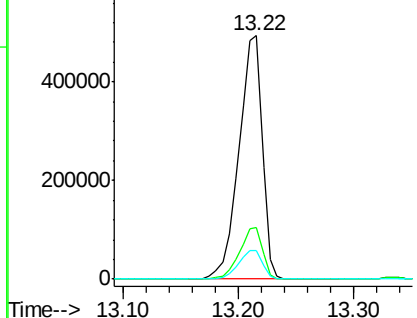
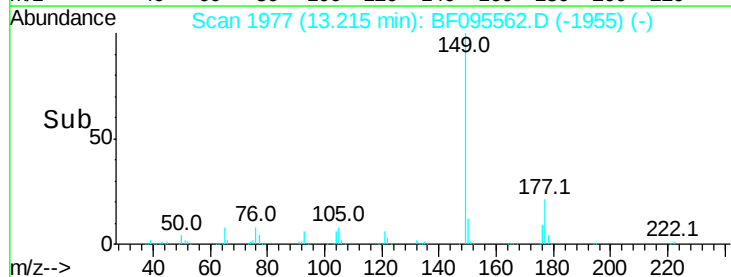


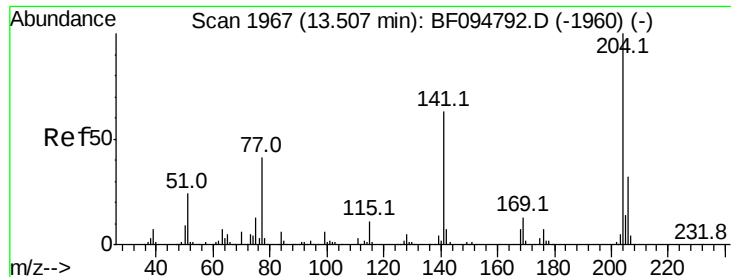
#59
 Diethylphthalate
 Concen: 39.84 ng
 RT: 13.22 min Scan# 1977
 Delta R.T. -0.17 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:149 Resp: 692064
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.7 25.1
 150 11.6 10.2 15.2



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

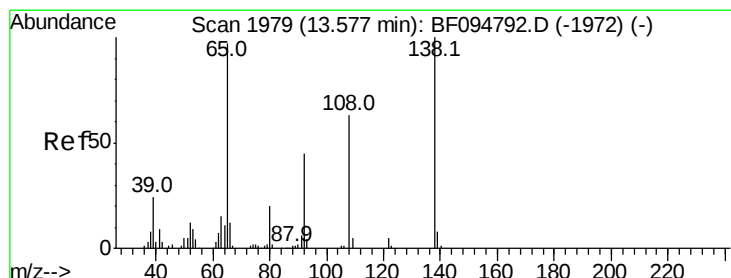
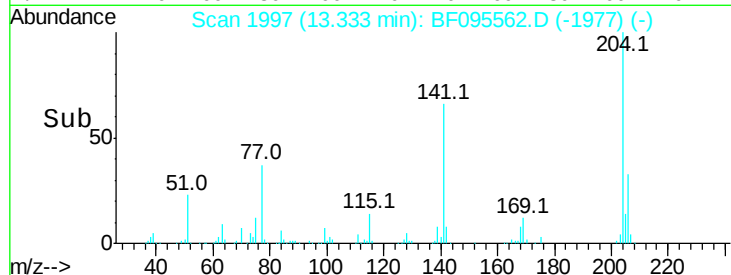
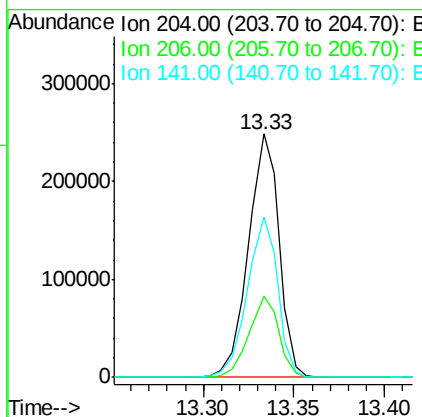
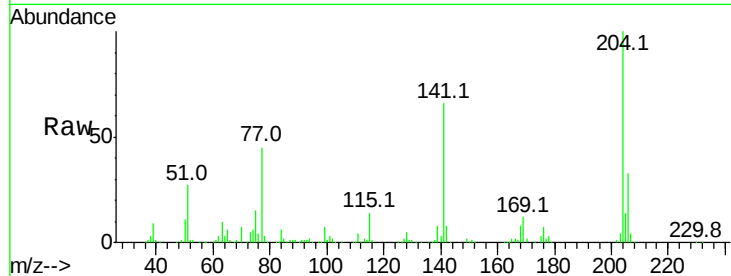




#60
 4-Chlorophenyl-phenylether
 Concen: 39.33 ng
 RT: 13.33 min Scan# 1997
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

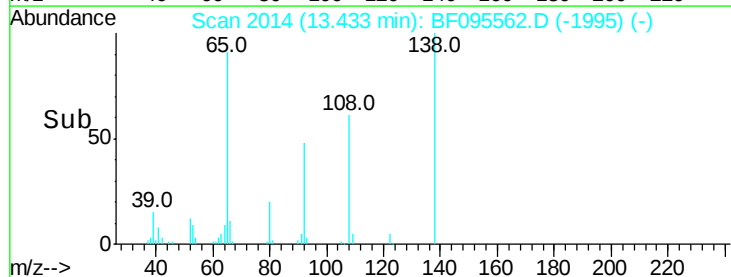
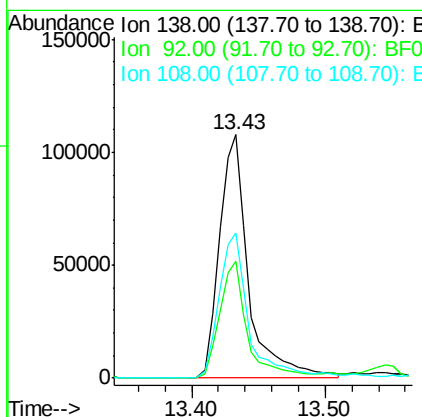
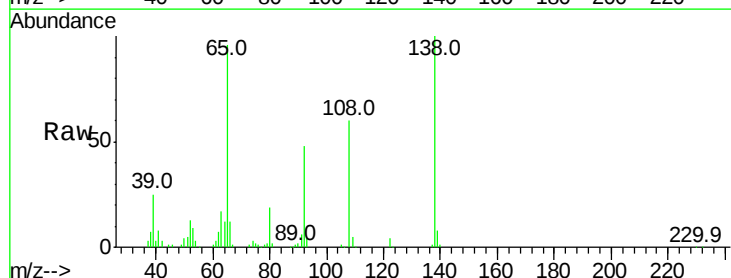
Instrument :
 BNA_F
 ClientSampleId :

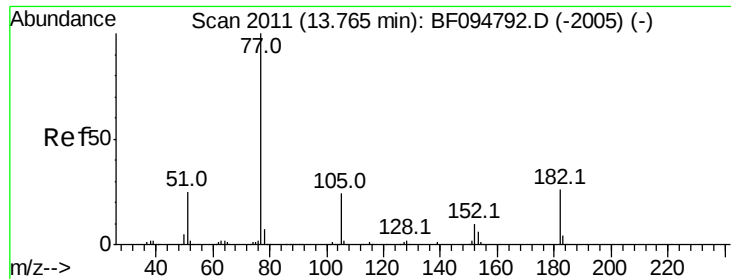
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	65.6	60.8	91.2



#61
 4-Nitroaniline
 Concen: 45.49 ng
 RT: 13.43 min Scan# 2014
 Delta R.T. -0.19 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	21.8	61.8
108	59.8	42.3	82.3





#62

Azobenzene

Concen: 41.49 ng

RT: 13.59 min Scan# 2041

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 579028

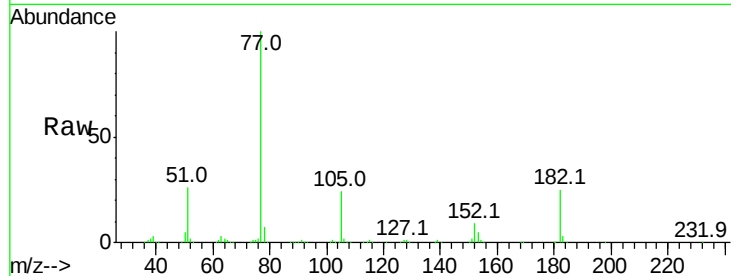
Ion Ratio Lower Upper

77 100

182 24.7 0.1 40.1

105 24.5 3.6 43.6

51 26.2 9.4 49.4

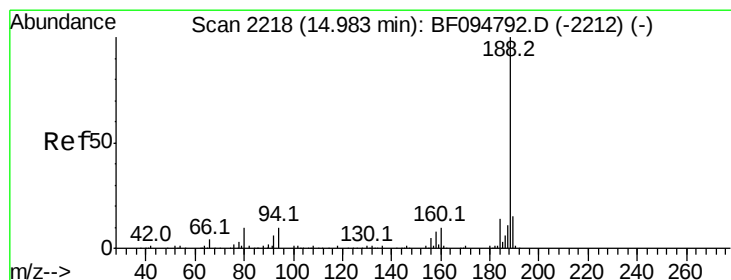
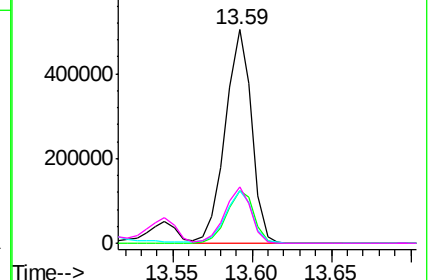
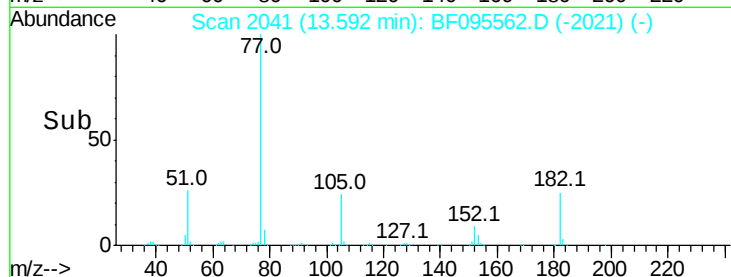


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2249

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

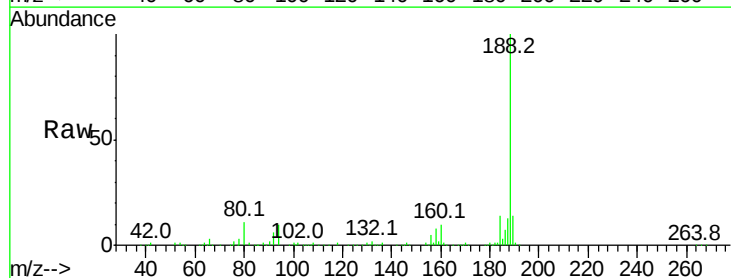
Tgt Ion: 188 Resp: 401706

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

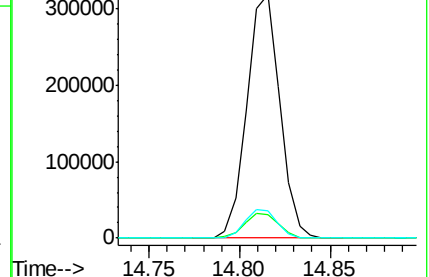
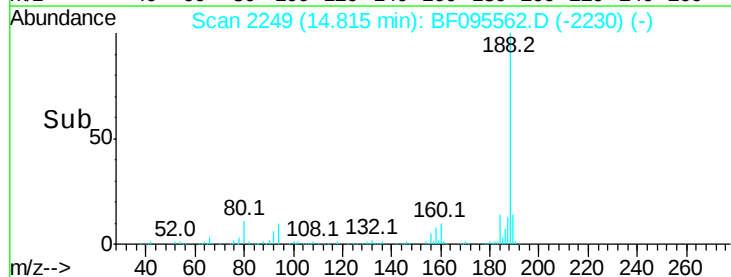
80 11.0 10.2 15.2

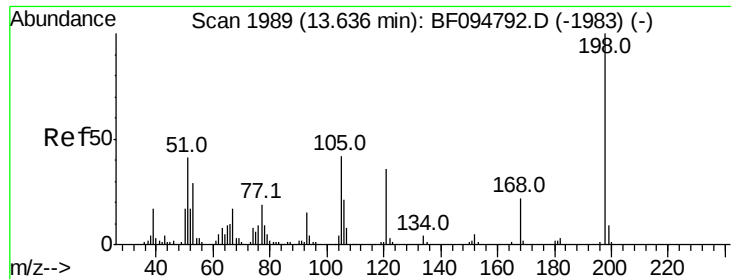


Abundance Ion 188.00 (187.70 to 188.70): E

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: 40.07 ng

RT: 13.50 min Scan# 2026

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

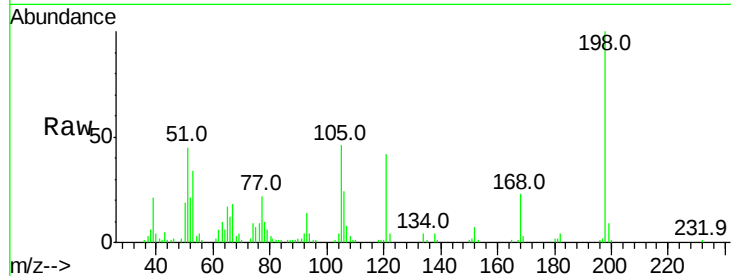
Tot Ion:198 Resp: 107897

Ion Ratio Lower Upper

198 100

51 44.7 53.2 93.2#

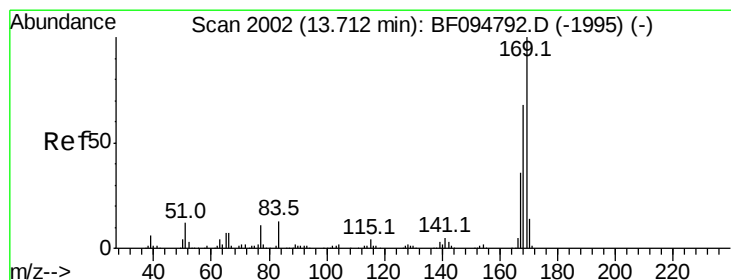
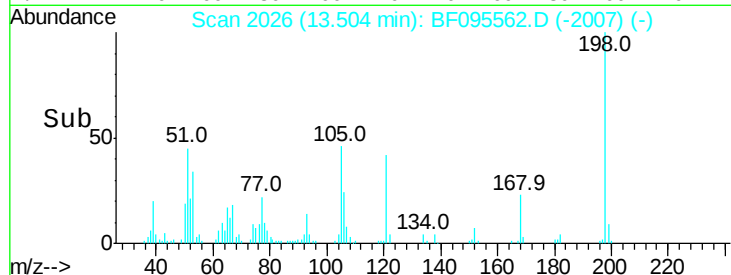
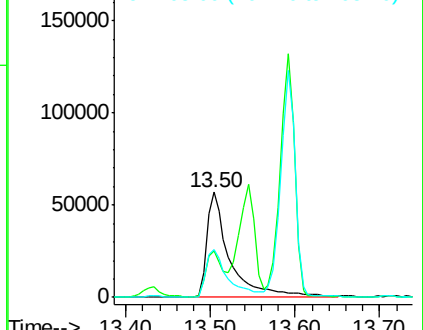
105 46.0 45.8 85.8



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: 39.45 ng

RT: 13.54 min Scan# 2033

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

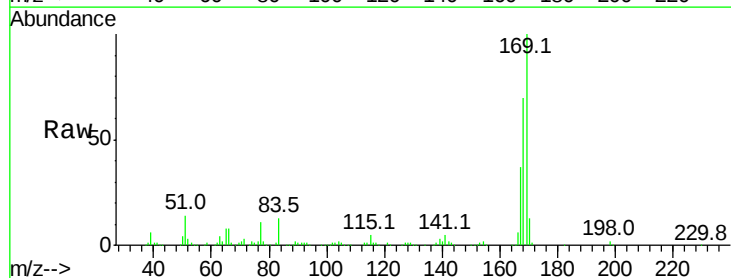
Tgt Ion:169 Resp: 575172

Ion Ratio Lower Upper

169 100

168 69.7 53.2 79.8

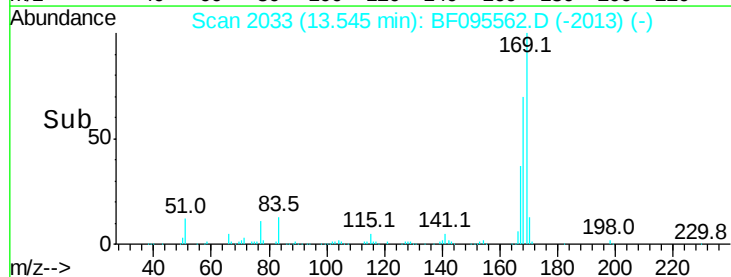
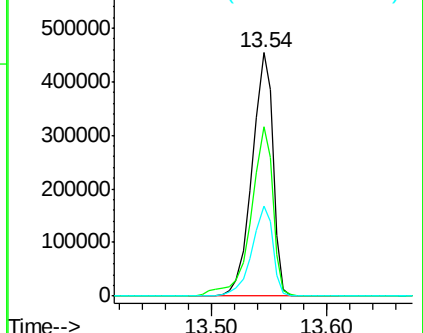
167 36.8 29.5 44.3

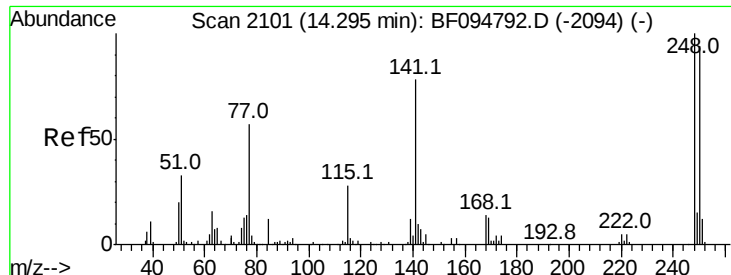


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

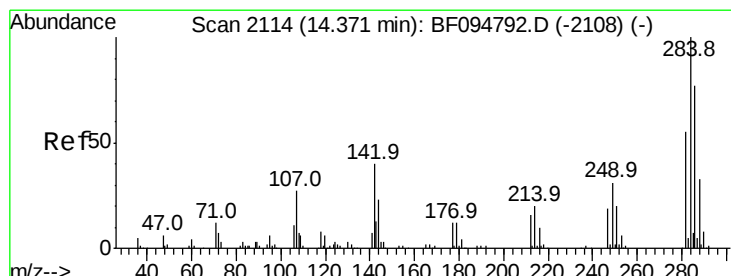
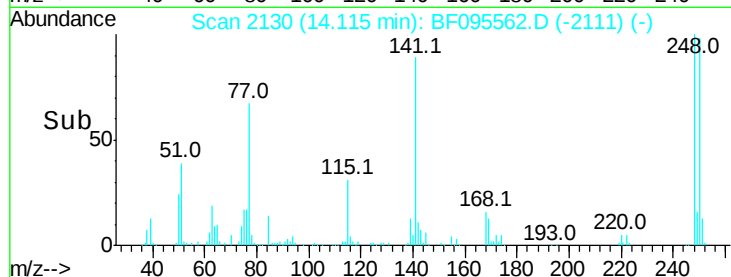
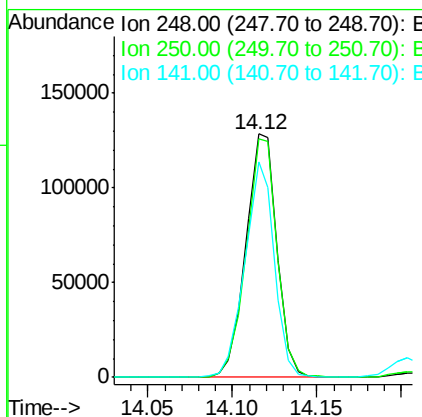
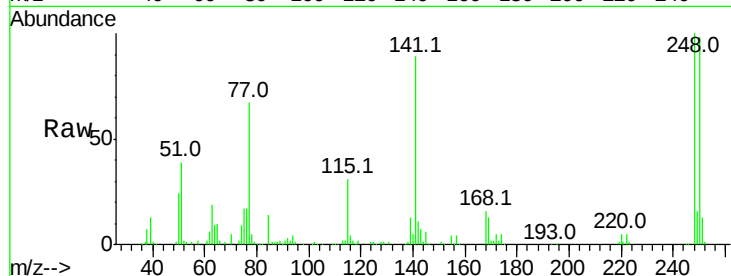




#66
4-Bromophenyl-phenylether
Concen: 38.86 ng
RT: 14.12 min Scan# 2130
Delta R.T. -0.19 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

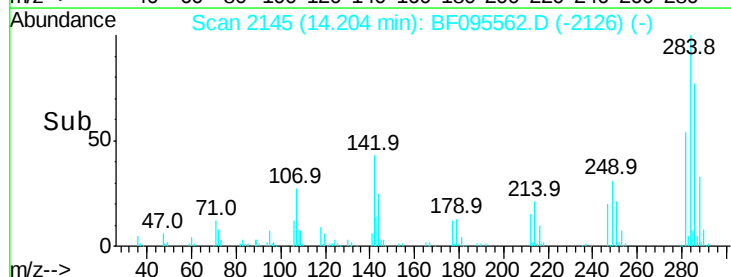
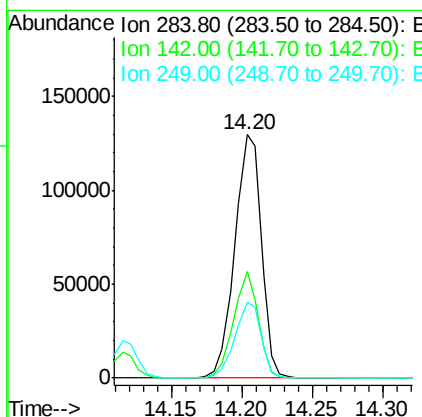
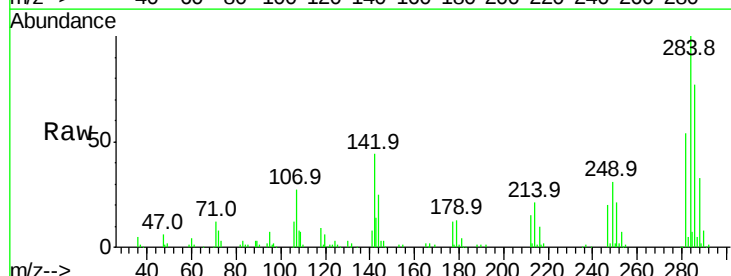
Instrument :
BNA_F
ClientSampleId :

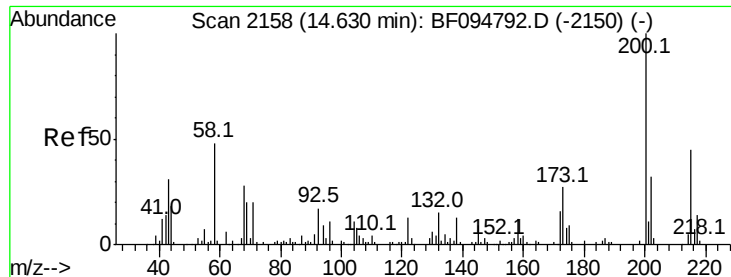
Tot Ion:248 Resp: 164929
Ion Ratio Lower Upper
248 100
250 97.8 76.8 115.2
141 88.5 68.6 103.0



#67
Hexachlorobenzene
Concen: 39.14 ng
RT: 14.20 min Scan# 2145
Delta R.T. -0.19 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion:284 Resp: 170257
Ion Ratio Lower Upper
284 100
142 43.7 22.8 34.2#
249 31.2 24.0 36.0

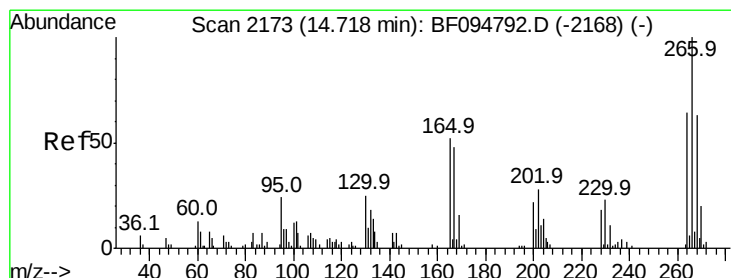
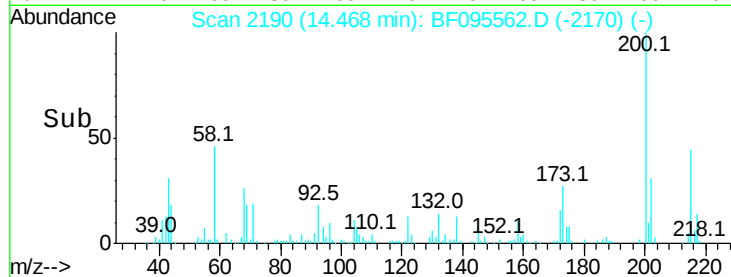
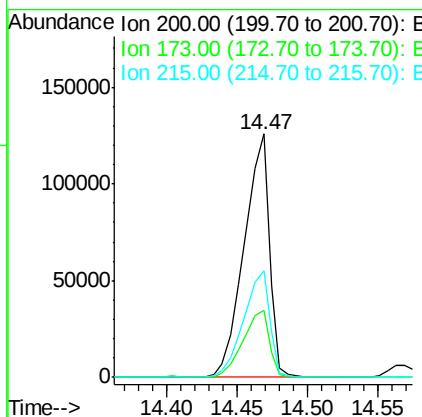
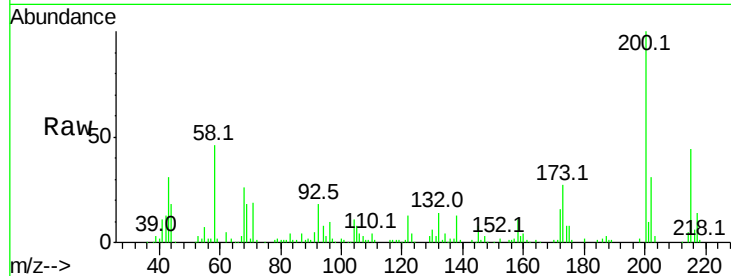




#68
 Atrazine
 Concen: 38.51 ng
 RT: 14.47 min Scan# 2190
 Delta R.T. -0.18 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

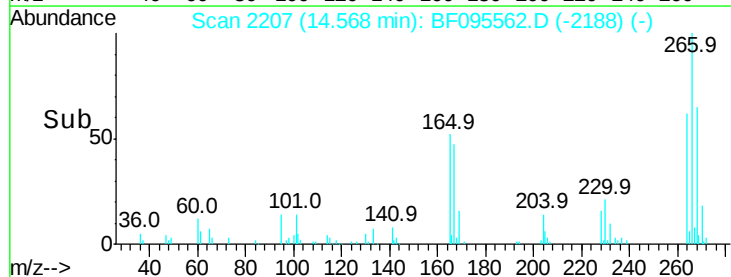
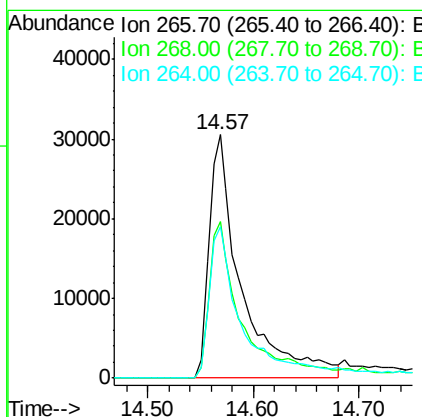
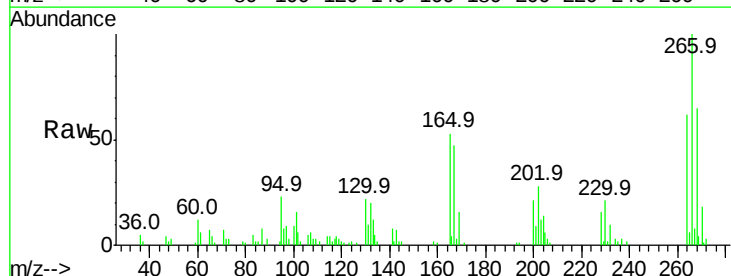
Instrument :
 BNA_F
 ClientSampleId :

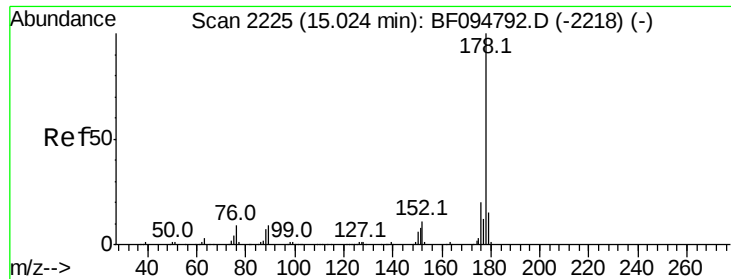
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.3	46.3
215	43.9	27.2	67.2



#69
 Pentachlorophenol
 Concen: 36.79 ng
 RT: 14.57 min Scan# 2207
 Delta R.T. -0.19 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	62.4	51.7	77.5





#70

Phenanthrene

Concen: 39.76 ng

RT: 14.86 min Scan# 2256

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

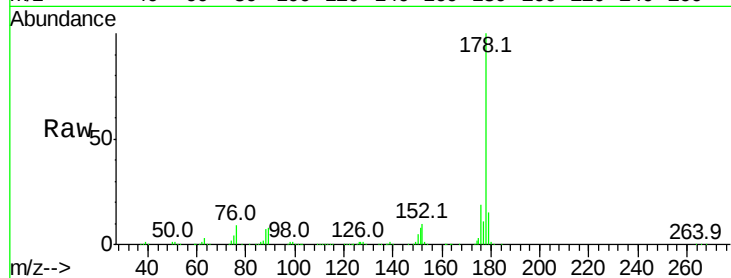
Tot Ion:178 Resp: 917615

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

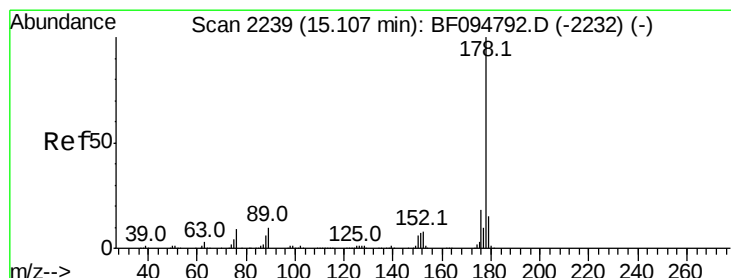
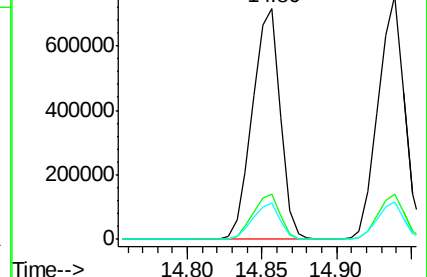
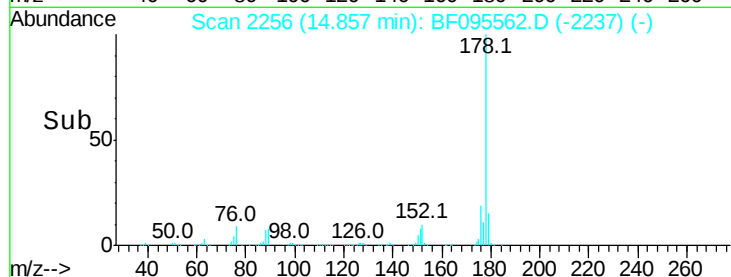
179 15.4 12.6 19.0



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: 39.62 ng

RT: 14.94 min Scan# 2270

Delta R.T. -0.19 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

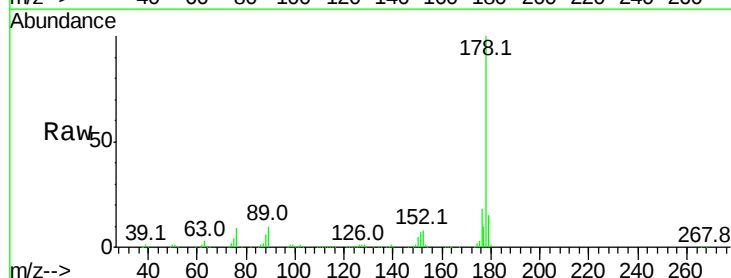
Tgt Ion:178 Resp: 934137

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

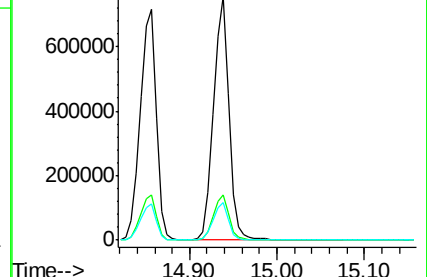
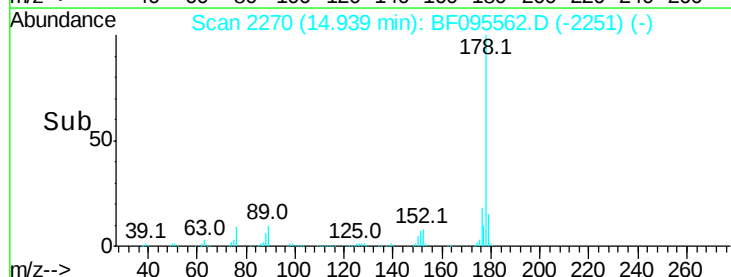
179 15.4 12.7 19.1

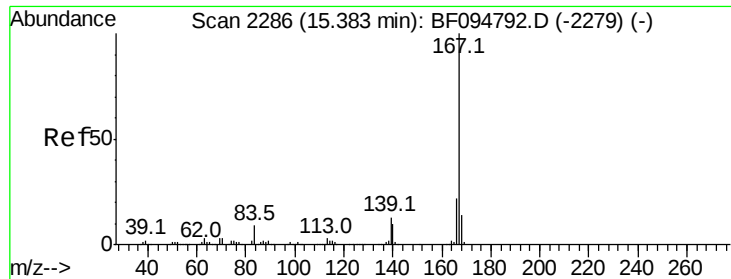


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.05 ng

RT: 15.23 min Scan# 2319

Delta R.T. -0.18 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

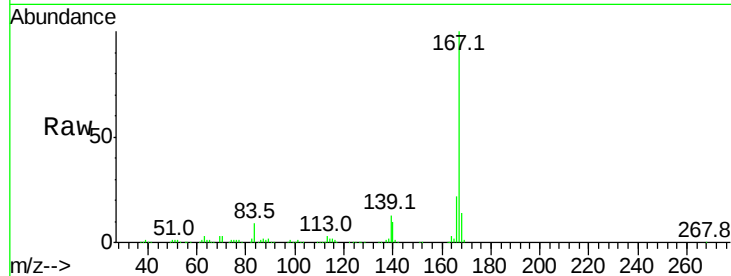
Tot Ion:167 Resp: 880568

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

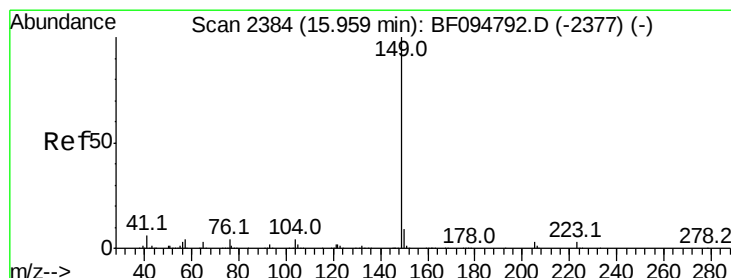
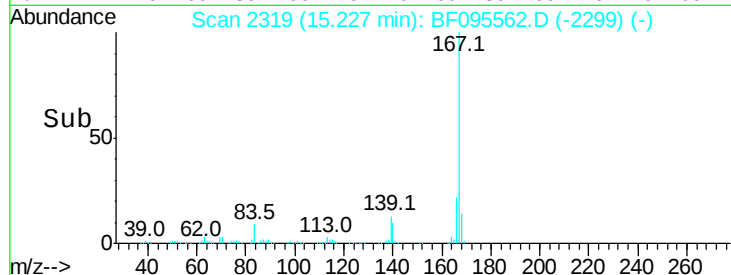
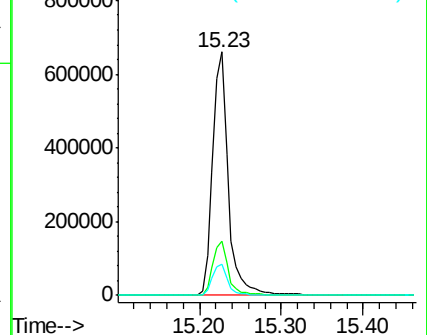
139 12.8 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 40.09 ng

RT: 15.80 min Scan# 2416

Delta R.T. -0.17 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

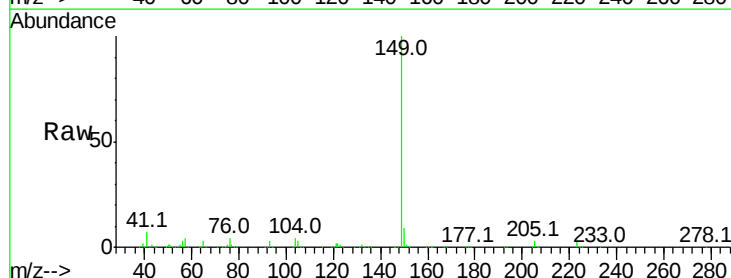
Tgt Ion:149 Resp: 1072386

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

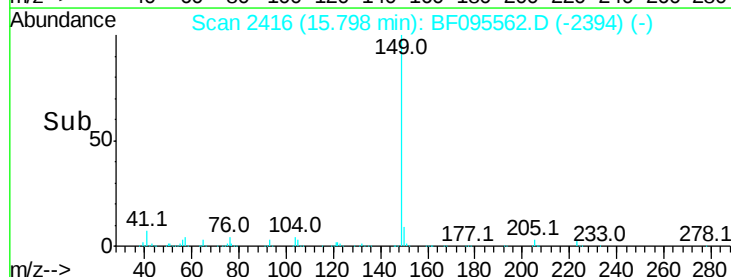
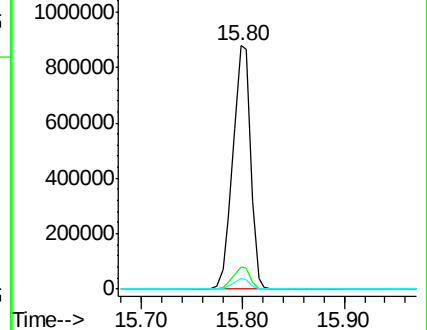
104 4.4 4.0 6.0

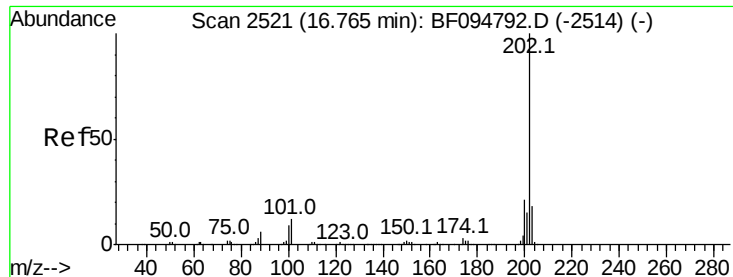


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.43 ng

RT: 16.61 min Scan# 2554

Delta R.T. -0.17 min

Lab File: BF095562.D

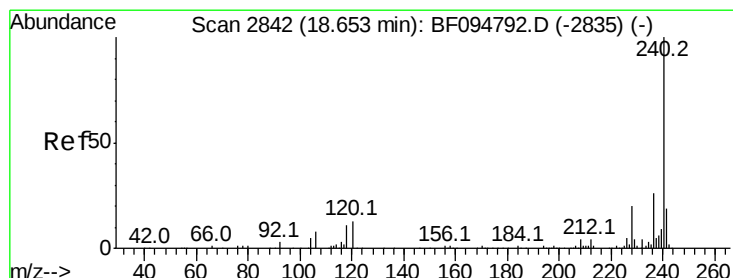
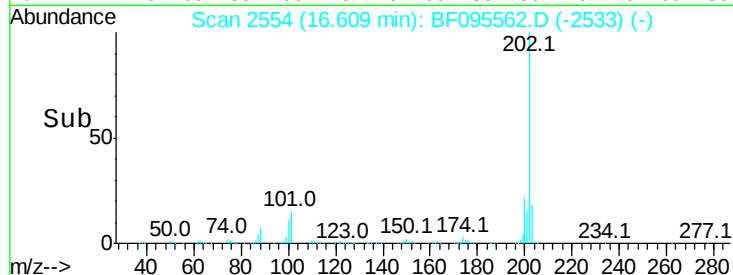
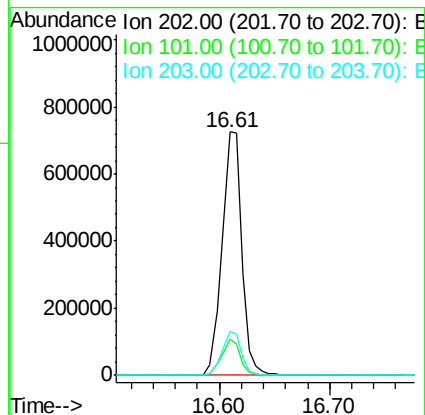
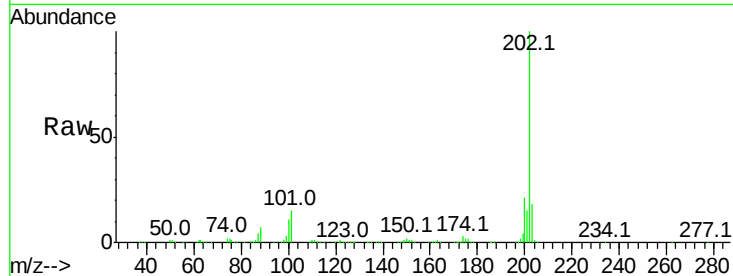
Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:	202	Resp:	909906
Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	18.0	0.0	38.1



#75

Chrysene-d12

Concen: 20.00 ng

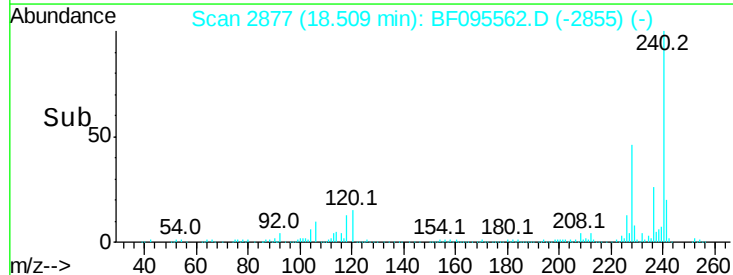
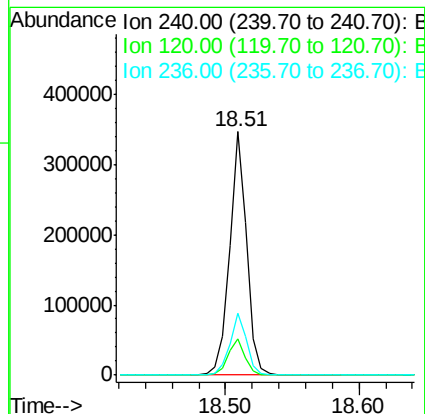
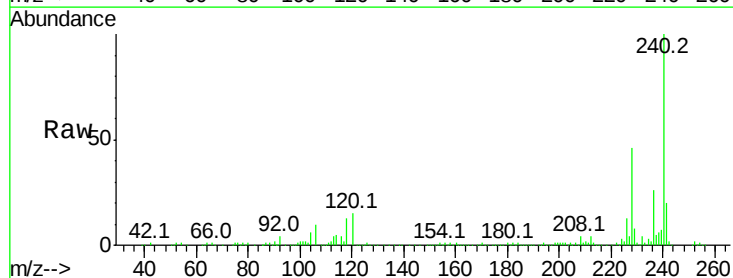
RT: 18.51 min Scan# 2877

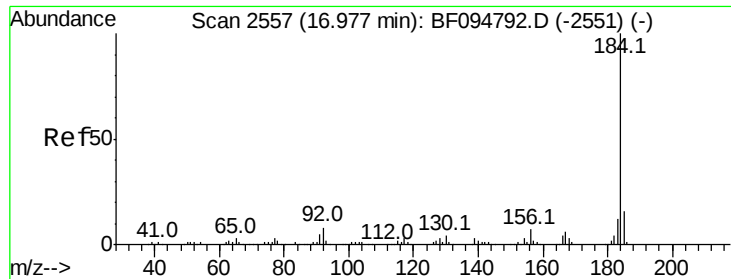
Delta R.T. -0.17 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Tgt Ion:	240	Resp:	313609
Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.6	20.5	30.7

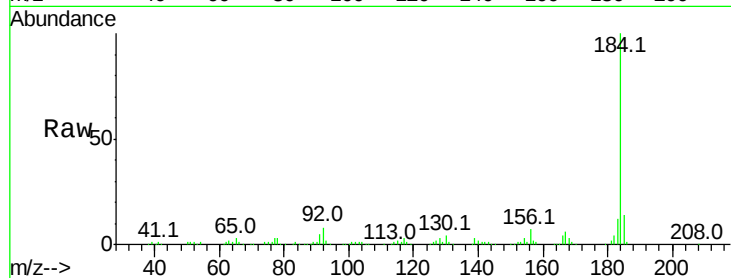




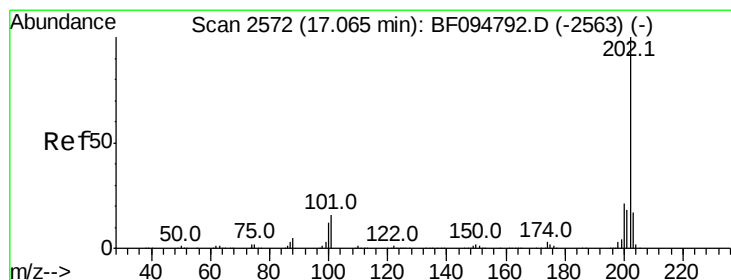
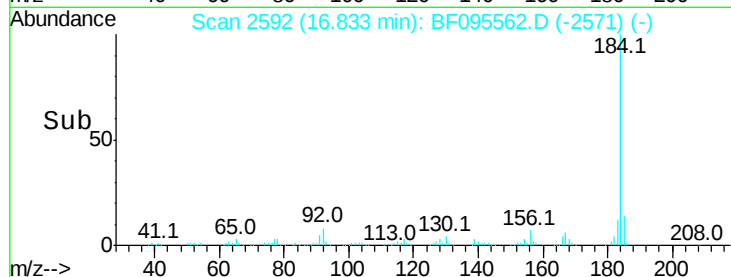
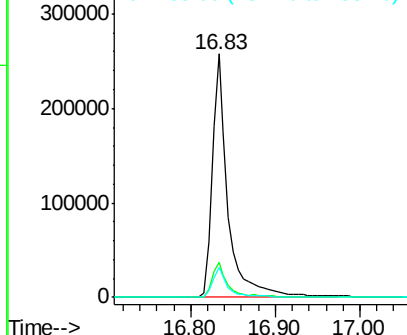
#76
Benzidine
Concen: 41.17 ng
RT: 16.83 min Scan# 2592
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 339985
Ion Ratio Lower Upper
184 100
185 14.4 15.5 23.3#
183 12.1 9.8 14.6

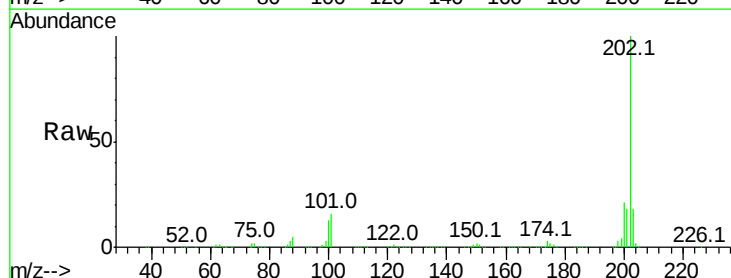


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

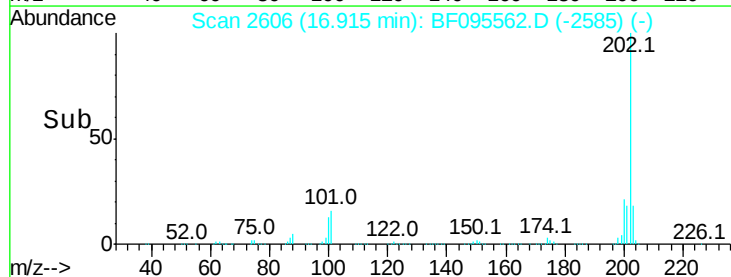
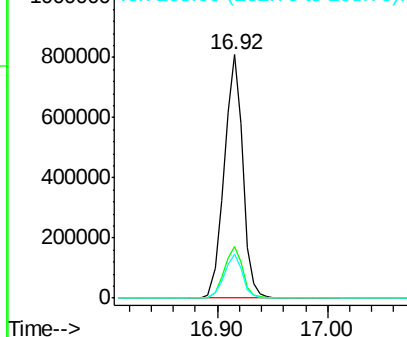


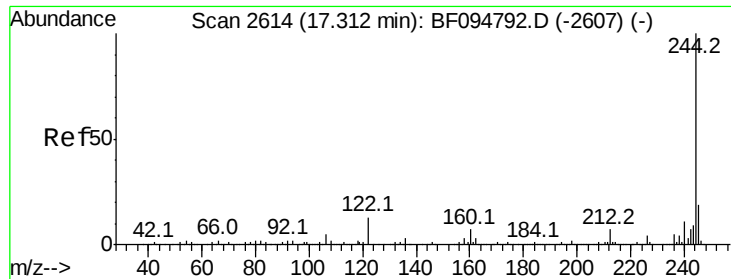
#77
Pyrene
Concen: 40.48 ng
RT: 16.92 min Scan# 2606
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion:202 Resp: 949462
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 18.0 14.4 21.6



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

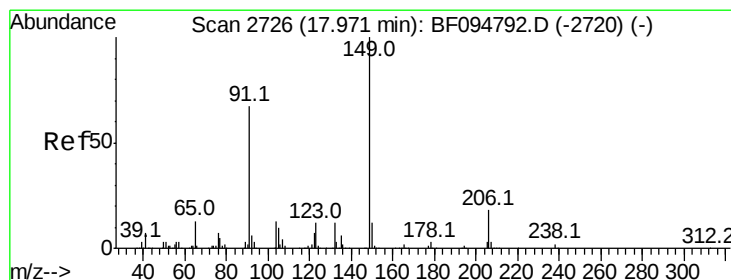
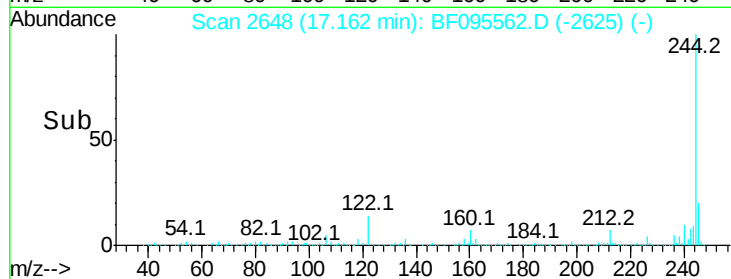
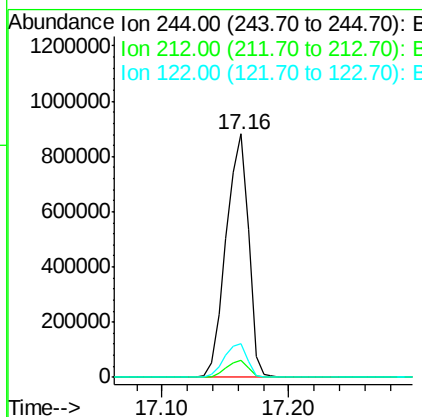
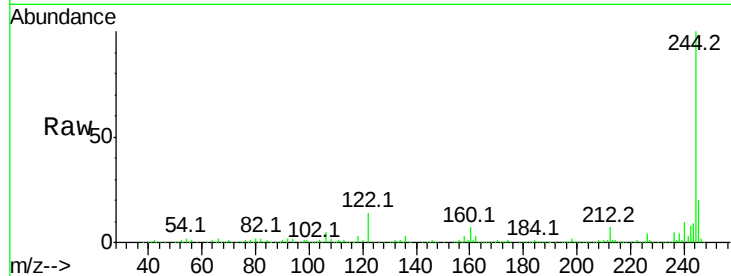




#78
 Terphenyl-d14
 Concen: 75.63 ng
 RT: 17.16 min Scan# 2648
 Delta R.T. -0.16 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

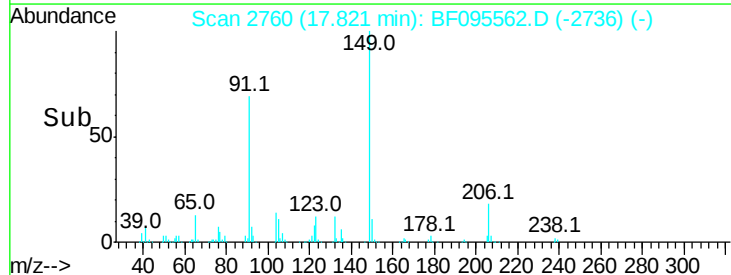
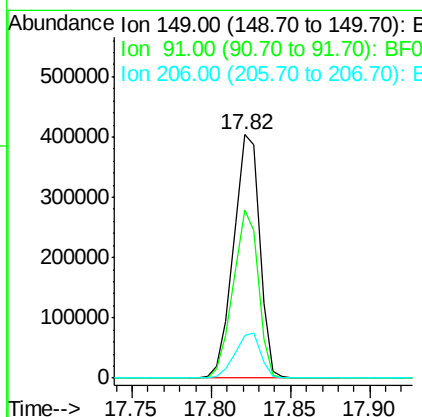
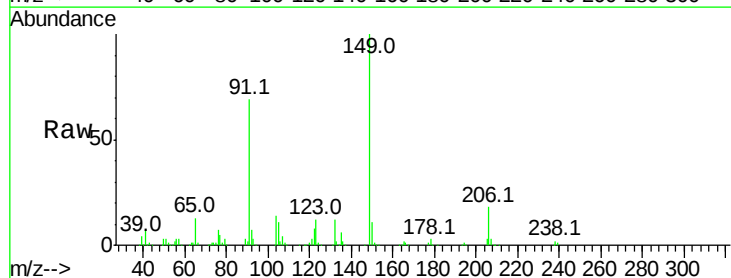
Instrument :
 BNA_F
 ClientSampled :

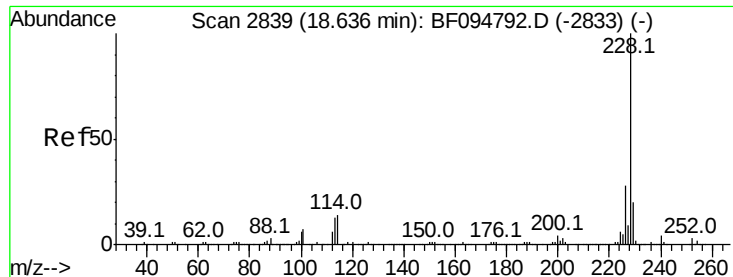
Tot Ion:244 Resp: 1076869
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.9 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 42.31 ng
 RT: 17.82 min Scan# 2760
 Delta R.T. -0.16 min
 Lab File: BF095562.D
 Acq: 31 May 2017 14:10

Tgt Ion:149 Resp: 461630
 Ion Ratio Lower Upper
 149 100
 91 69.0 45.0 67.4#
 206 17.7 17.0 25.6

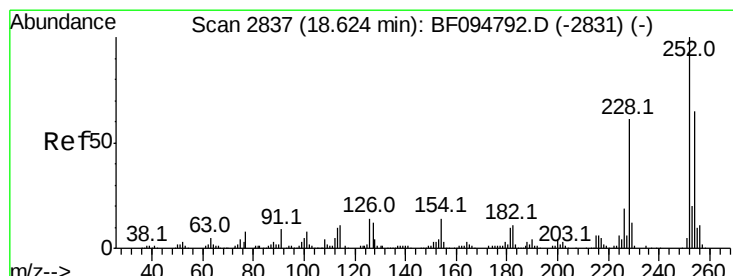
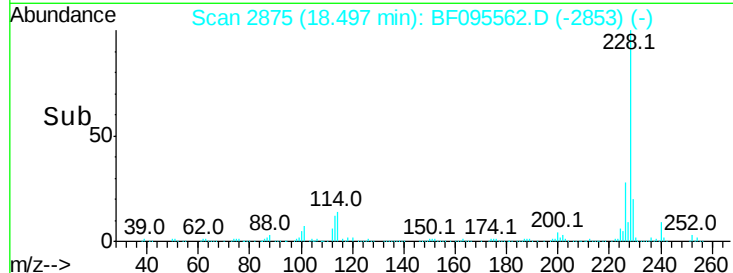
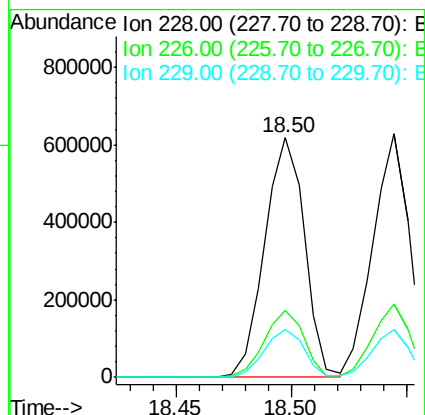
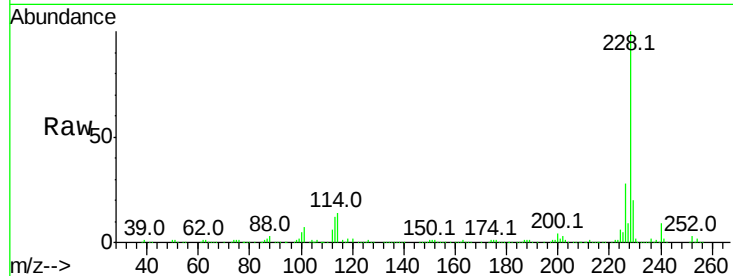




#80
Benzo(a)anthracene
Concen: 40.61 ng
RT: 18.50 min Scan# 2875
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

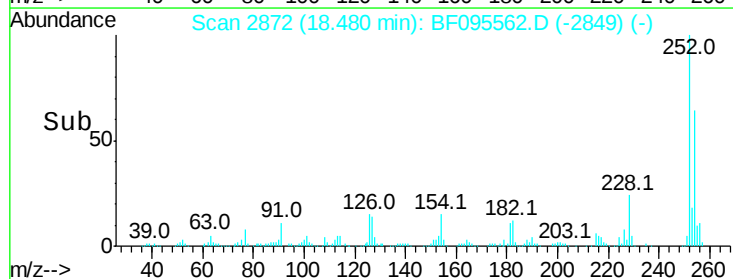
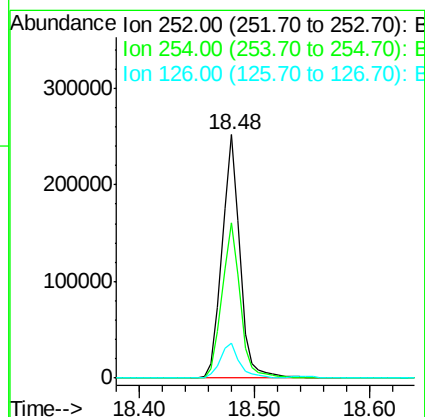
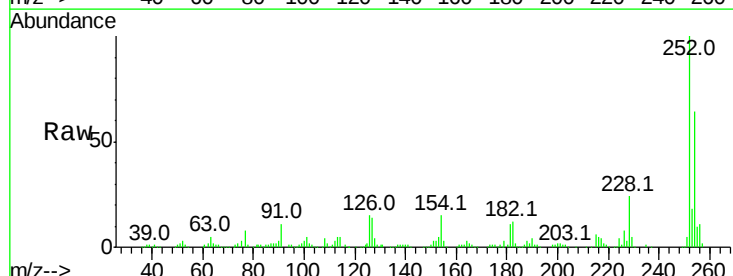
Instrument :
BNA_F
ClientSampleId :

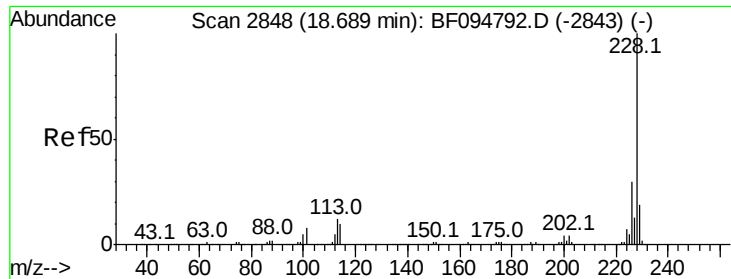
Tot Ion:228 Resp: 741290
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.9 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 43.22 ng
RT: 18.48 min Scan# 2872
Delta R.T. -0.16 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion:252 Resp: 272455
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 14.5 15.8 23.8#





#82

Chrysene

Concen: 39.25 ng

RT: 18.54 min Scan# 2883

Delta R.T. -0.17 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

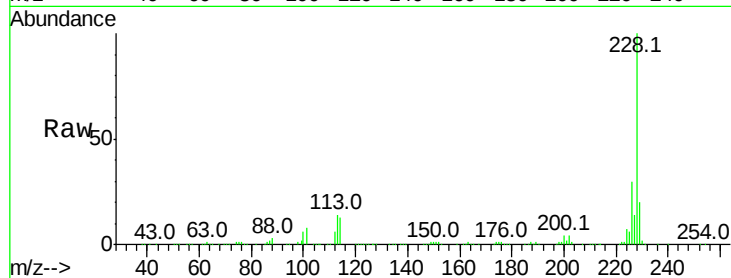
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 692737

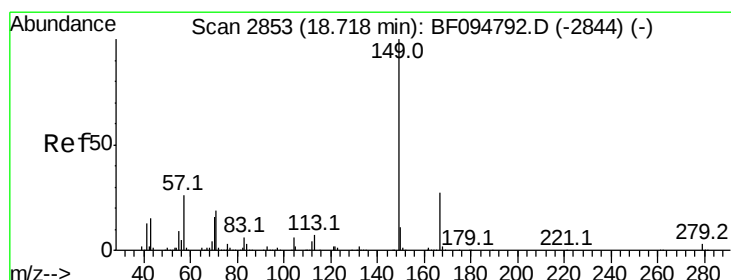
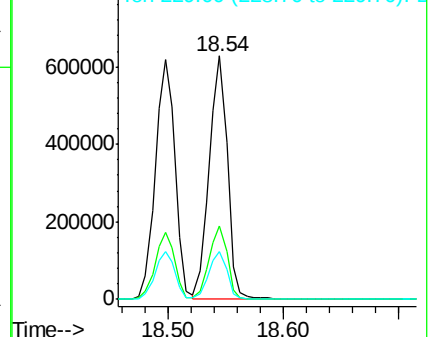
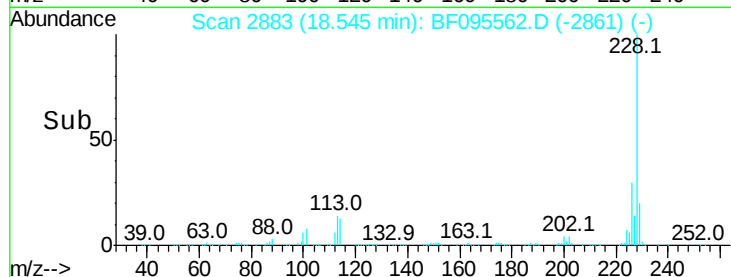
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.8	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.89 ng

RT: 18.57 min Scan# 2887

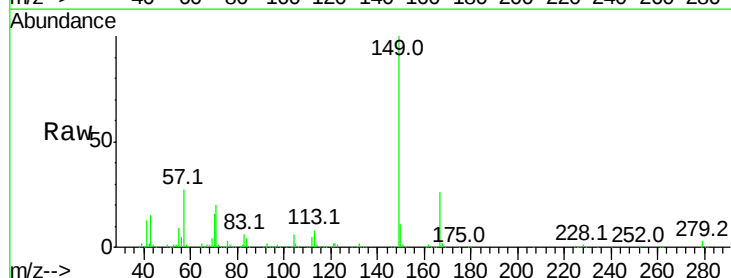
Delta R.T. -0.16 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Tgt Ion:149 Resp: 620048

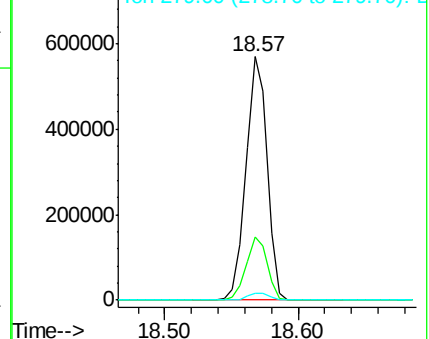
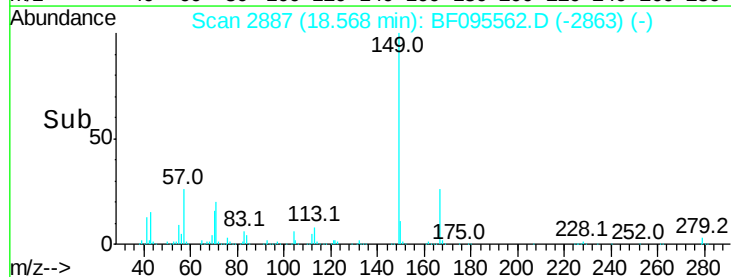
Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	2.9	1.9	2.9

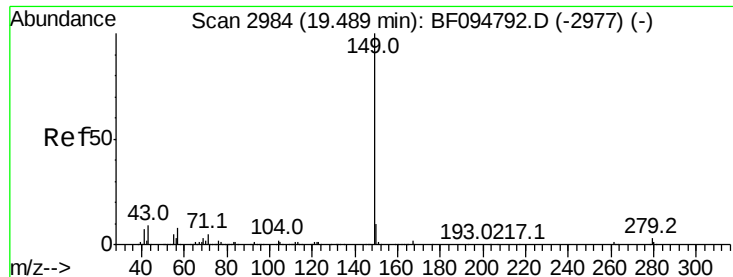


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

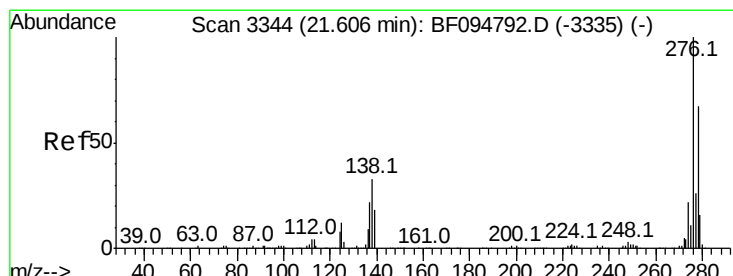
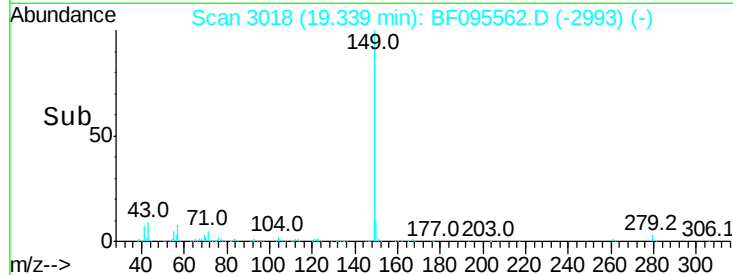
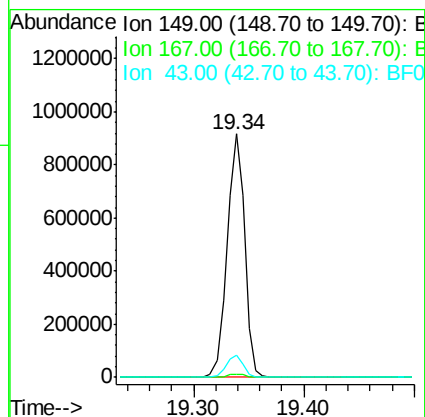
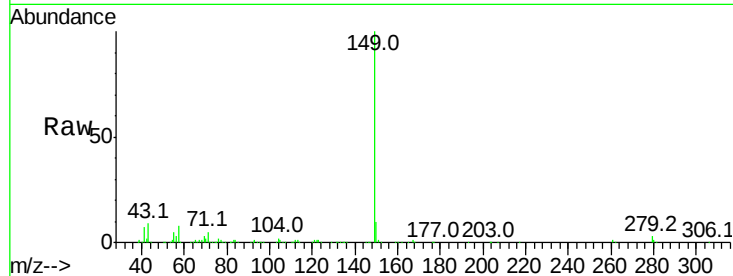




#84
Di-n-octyl phthalate
Concen: 39.81 ng
RT: 19.34 min Scan# 3018
Delta R.T. -0.15 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

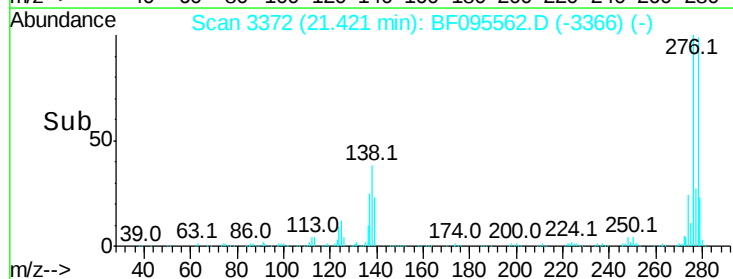
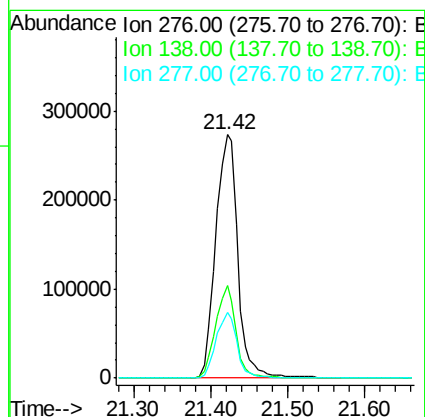
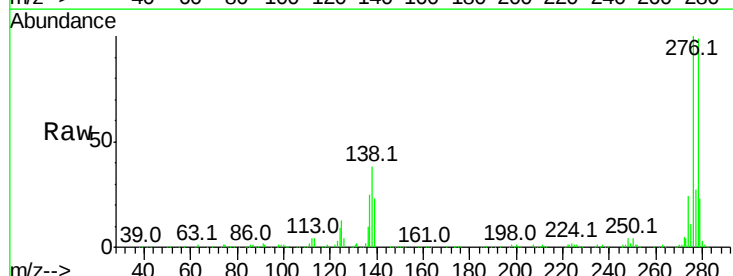
Instrument :
BNA_F
ClientSampleId :

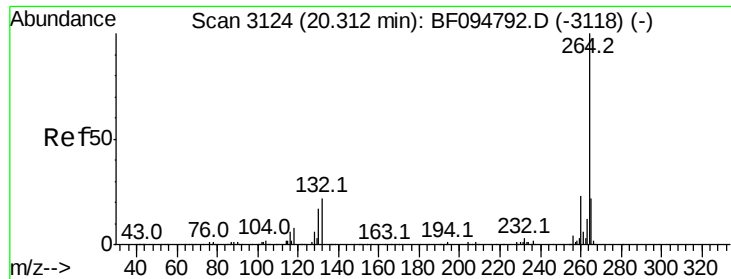
Tot Ion:149 Resp: 1014471
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.58 ng
RT: 21.42 min Scan# 3372
Delta R.T. -0.26 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion:276 Resp: 538661
Ion Ratio Lower Upper
276 100
138 35.2 27.8 41.6
277 25.8 20.2 30.4

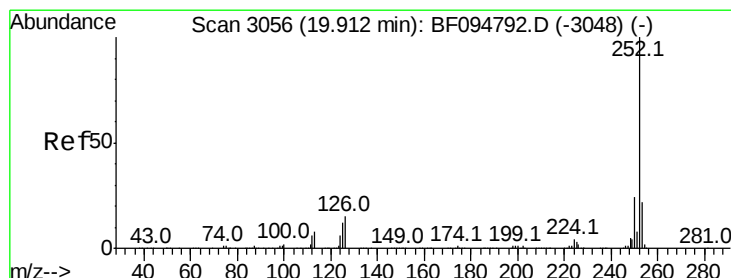
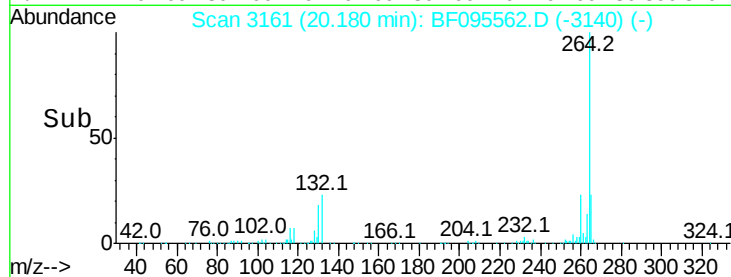
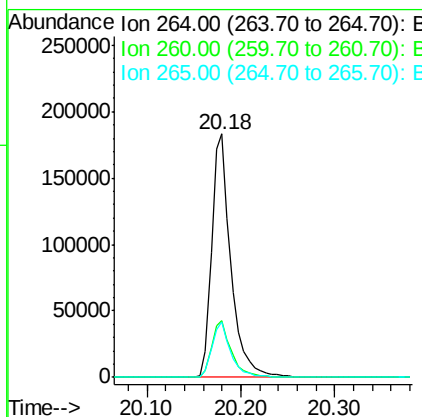
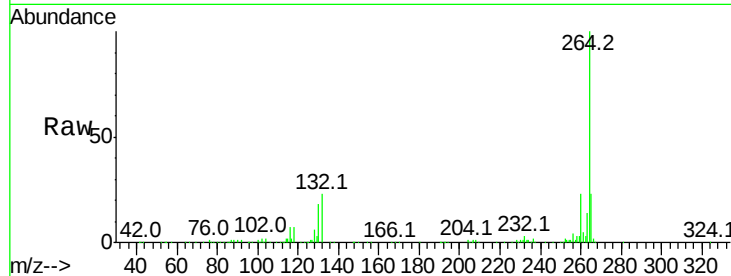




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3161
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

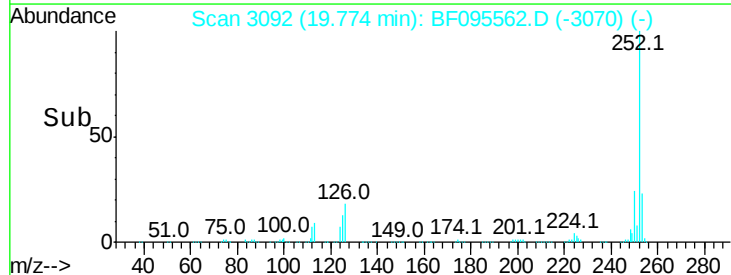
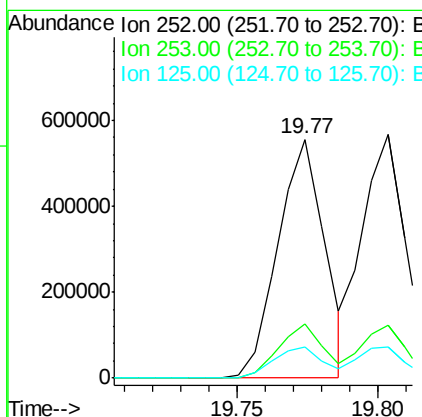
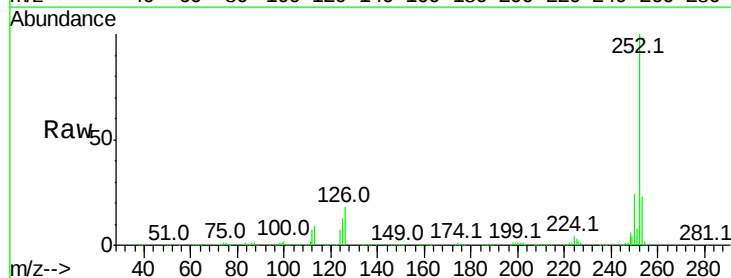
Instrument :
BNA_F
ClientSampleId :

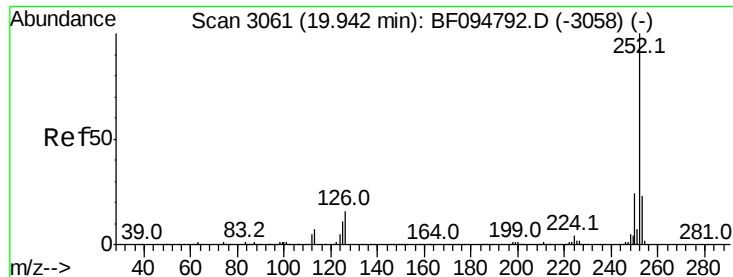
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.6	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 39.25 ng
RT: 19.77 min Scan# 3092
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	13.0	9.8	14.8

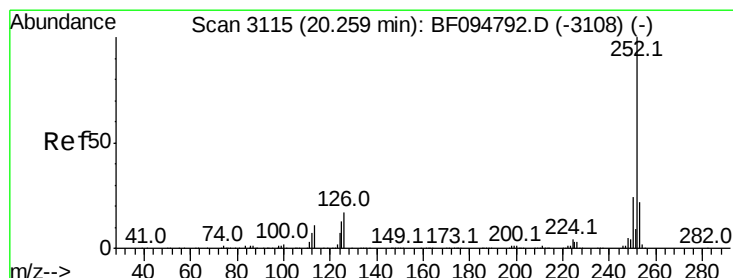
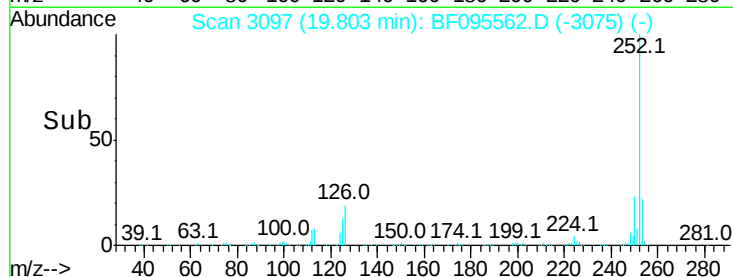
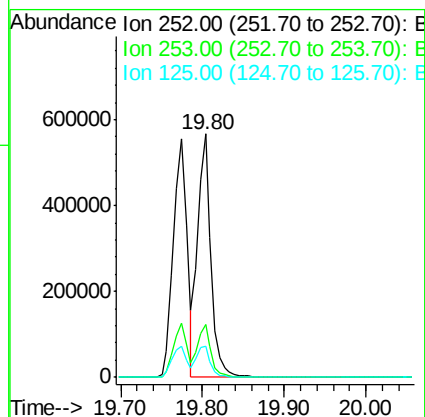
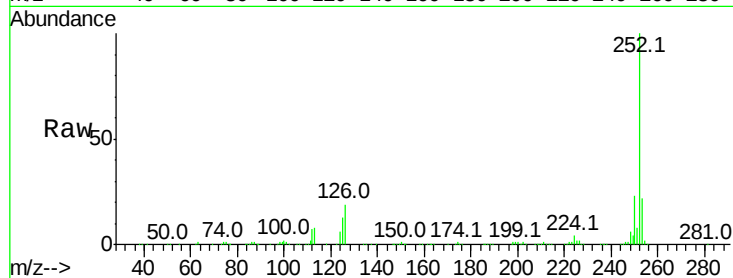




#88
Benzo(k)fluoranthene
Concen: 41.05 ng
RT: 19.80 min Scan# 3097
Delta R.T. -0.17 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

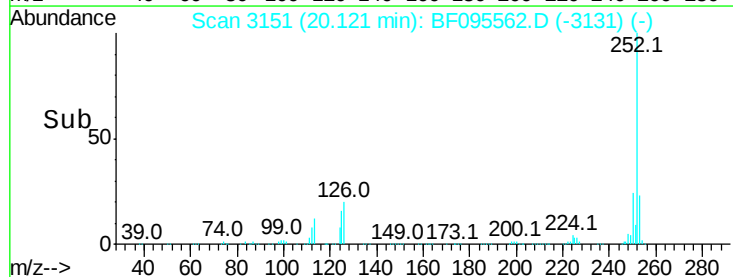
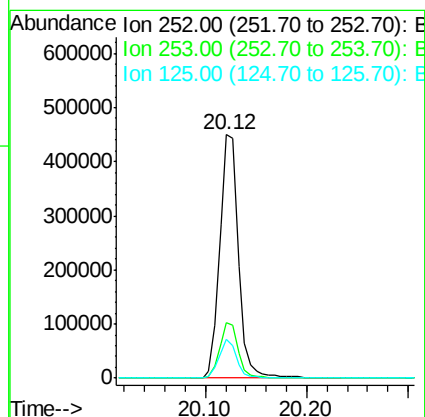
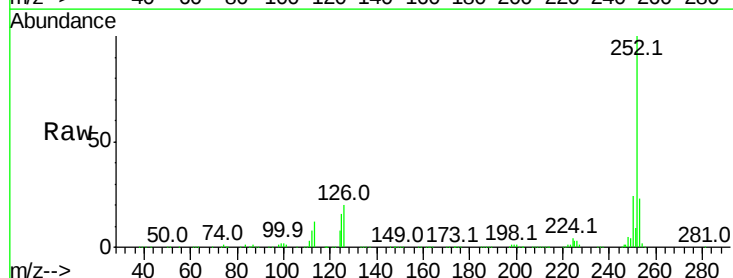
Instrument :
BNA_F
ClientSampleId :

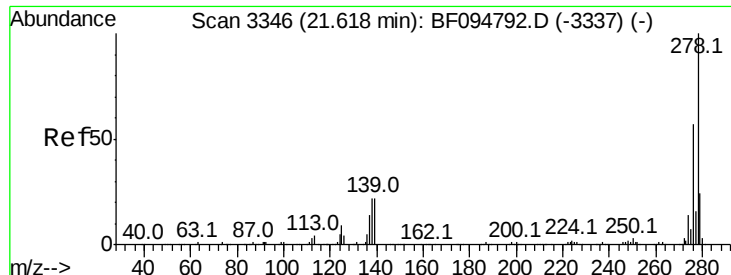
Tot Ion:252 Resp: 644036
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 13.0 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 38.52 ng
RT: 20.12 min Scan# 3151
Delta R.T. -0.18 min
Lab File: BF095562.D
Acq: 31 May 2017 14:10

Tgt Ion:252 Resp: 578015
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 16.0 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 37.82 ng

RT: 21.42 min Scan# 3372

Delta R.T. -0.26 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

Instrument :

BNA_F

ClientSampleId :

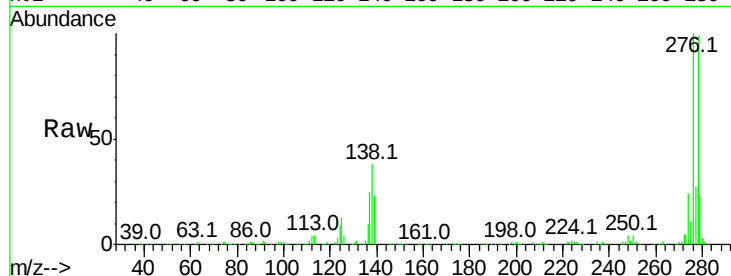
Tot Ion:278 Resp: 468750

Ion Ratio Lower Upper

278 100

139 22.8 16.6 24.8

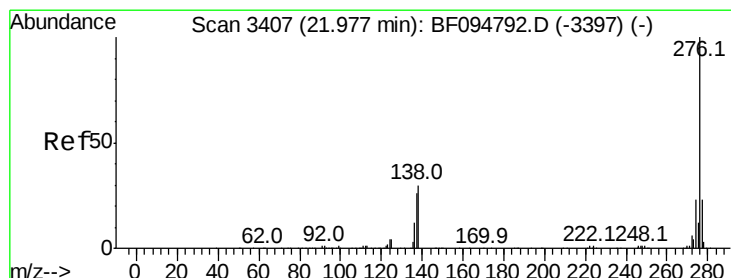
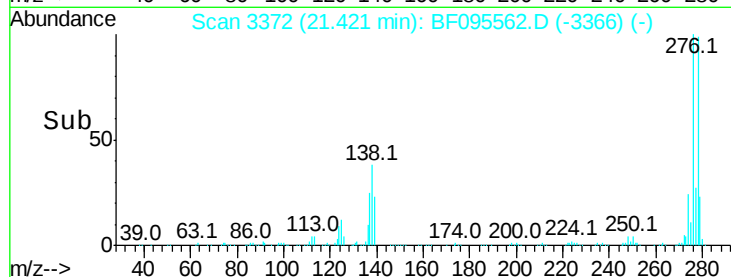
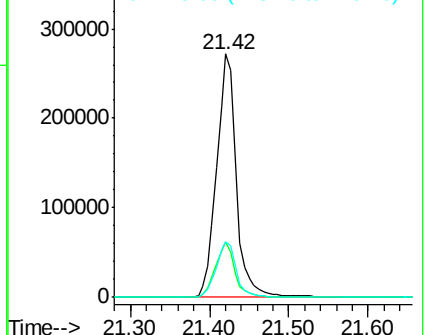
279 22.9 19.3 28.9



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(g,h,i)perylene

Concen: 38.34 ng

RT: 21.77 min Scan# 3432

Delta R.T. -0.30 min

Lab File: BF095562.D

Acq: 31 May 2017 14:10

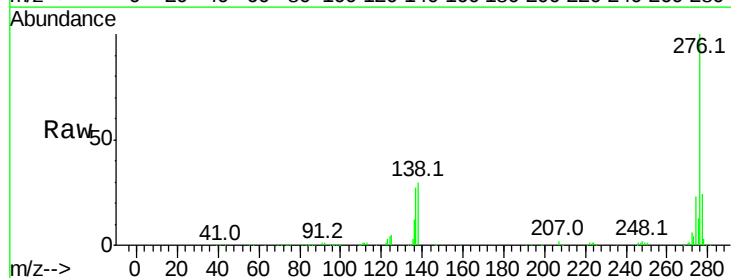
Tgt Ion:276 Resp: 466354

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 29.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

