

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095403.D
 Acq On : 24 May 2017 22:43
 Operator : SJ/MA
 Sample : I3281-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:09:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	83169	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	316807	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	124045	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	209990	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	175886	20.00	ng	-0.01
86) Perylene-d12	20.36	264	116921	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	617785	123.84	ng	-0.01
7) Phenol-d6	7.30	99	728187	121.66	ng	-0.01
23) Nitrobenzene-d5	8.65	82	422469	84.09	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	113201	111.43	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	779696	90.47	ng	-0.02
78) Terphenyl-d14	17.32	244	609526	76.33	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	79287	32.41	ng	93
3) Pyridine	2.92	79	176783	31.18	ng	96
4) n-Nitrosodimethylamine	2.85	42	77827	32.93	ng	# 85
6) Aniline	7.26	93	210270	27.83	ng	96
8) 2-Chlorophenol	7.45	128	239866	42.25	ng	96
9) Benzaldehyde	7.08	77	73342	20.07	ng	97
10) Phenol	7.32	94	303657	48.14	ng	91
11) bis(2-Chloroethyl)ether	7.38	93	220240	42.30	ng	96
12) 1,3-Dichlorobenzene	7.65	146	258185	40.09	ng	98
13) 1,4-Dichlorobenzene	7.78	146	267709	40.99	ng	97
14) 1,2-Dichlorobenzene	8.01	146	248795	40.81	ng	96
15) Benzyl Alcohol	8.04	79	183571	47.68	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	295276	40.07	ng	96
17) 2-Methylphenol	8.26	107	195299	42.03	ng	96
18) Hexachloroethane	8.52	117	59423	26.86	ng	# 84
19) n-Nitroso-di-n-propylamine	8.46	70	164441	40.62	ng	93
20) 3+4-Methylphenols	8.54	107	243167	38.51	ng	# 63
22) Acetophenone	8.42	105	323965	42.62	ng	# 82
24) Nitrobenzene	8.68	77	216906	41.19	ng	92
25) Isophorone	9.08	82	406151	45.27	ng	96
26) 2-Nitrophenol	9.20	139	59607	20.98	ng	94
27) 2,4-Dimethylphenol	9.33	122	197589	43.01	ng	96
28) bis(2-Chloroethoxy)methane	9.45	93	267653	43.13	ng	98
29) 2,4-Dichlorophenol	9.64	162	174122	40.14	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	192278	41.37	ng	99
31) Naphthalene	9.80	128	707269	44.42	ng	99
32) Benzoic acid	9.70	122	1295	5.47	ng	# 42
33) 4-Chloroaniline	9.96	127	104778	17.66	ng	# 92
34) Hexachlorobutadiene	10.01	225	97155	39.62	ng	98
35) Caprolactam	10.57	113	54929	42.17	ng	# 84
36) 4-Chloro-3-methylphenol	10.84	107	180072	38.83	ng	89
37) 2-Methylnaphthalene	10.92	142	482274	46.15	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	166105	43.54	ng	98
40) Hexachlorocyclopentadiene	11.18	237	2066	7.25	ng	81

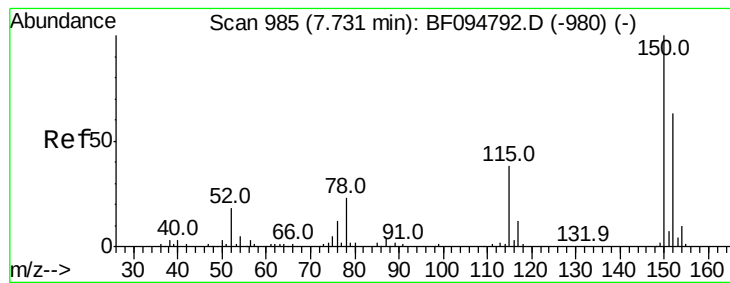
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	104513	41.03	nq	99
43) 2,4,5-Trichlorophenol	11.55	196	104554	38.19	nq	95
45) 1,1'-Biphenyl	11.69	154	471099	45.11	nq	99
46) 2-Chloronaphthalene	11.71	162	360955	42.80	nq	96
47) 2-Nitroaniline	11.94	65	104512	45.28	nq	# 75
48) Acenaphthylene	12.37	152	572927	43.38	nq	98
49) Dimethylphthalate	12.24	163	542715	53.29	nq	98
50) 2,6-Dinitrotoluene	12.34	165	68209	32.83	nq	# 93
51) Acenaphthene	12.65	154	342955	43.47	nq	98
52) 3-Nitroaniline	12.62	138	94814	42.52	nq	92
53) 2,4-Dinitrophenol	12.97	184	373	6.55	nq	# 1
54) Dibenzofuran	12.94	168	509328	46.65	nq	97
55) 4-Nitrophenol	13.08	139	64822	48.40	nq	# 76
56) 2,4-Dinitrotoluene	13.02	165	79996	29.97	nq	92
57) Fluorene	13.50	166	405140	42.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	67448	39.15	nq	91
59) Diethylphthalate	13.41	149	303870	31.13	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	167886	40.24	nq	89
61) 4-Nitroaniline	13.62	138	83918	40.99	nq	96
62) Azobenzene	13.78	77	331346	42.25	nq	92
65) n-Nitrosodiphenylamine	13.73	169	321514	42.19	nq	100
66) 4-Bromophenyl-phenylether	14.31	248	92058	41.50	nq	97
67) Hexachlorobenzene	14.39	284	89874	39.53	nq	# 85
68) Atrazine	14.64	200	78906	36.67	nq	97
69) Pentachlorophenol	14.77	266	39410	41.39	nq	98
70) Phenanthrene	15.05	178	960173	79.58	nq	99
71) Anthracene	15.12	178	621749	50.45	nq	98
72) Carbazole	15.41	167	558621	49.82	nq	97
73) Di-n-butylphthalate	15.97	149	617721	44.17	nq	99
74) Fluoranthene	16.79	202	1213360	98.04	nq	99
76) Benzidine	17.02	184	77270	20.60	nq	# 93
77) Pyrene	17.09	202	1122568	85.34	nq	99
79) Butylbenzylphthalate	17.98	149	275494	45.03	nq	# 86
80) Benzo(a)anthracene	18.67	228	669409	65.39	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	106869	30.23	nq	# 97
82) Chrysene	18.72	228	598430	60.46	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	393234	45.11	nq	98
84) Di-n-octyl phthalate	19.50	149	610893	42.74	nq	98
85) Indeno(1,2,3-cd)pyrene	21.69	276	335753	41.77	nq	99
87) Benzo(b)fluoranthene	19.95	252	490175	67.85	nq	97
88) Benzo(k)fluoranthene	19.98	252	384801	55.22	nq	98
89) Benzo(a)pyrene	20.31	252	399007	59.85	nq	99
90) Dibenzo(a,h)anthracene	21.69	278	221672	40.26	nq	97
91) Benzo(g,h,i)perylene	22.08	276	298229	55.20	nq	97

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

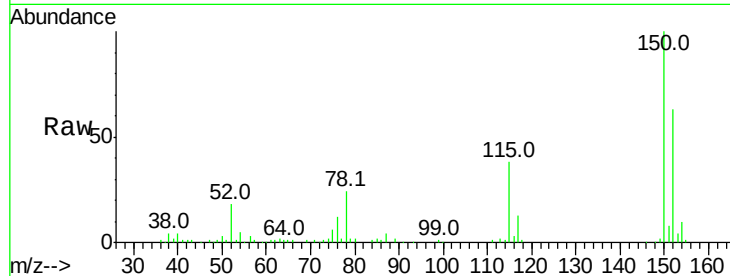


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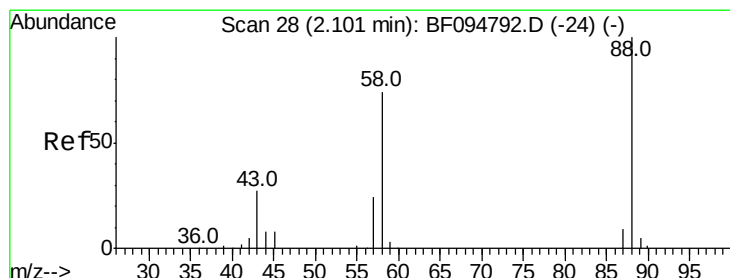
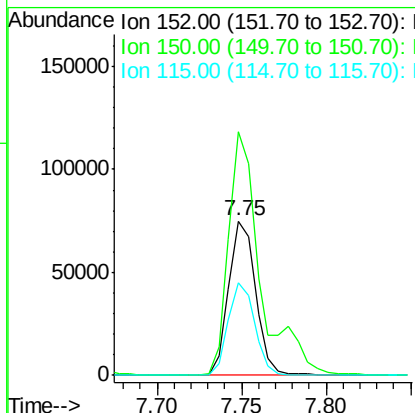
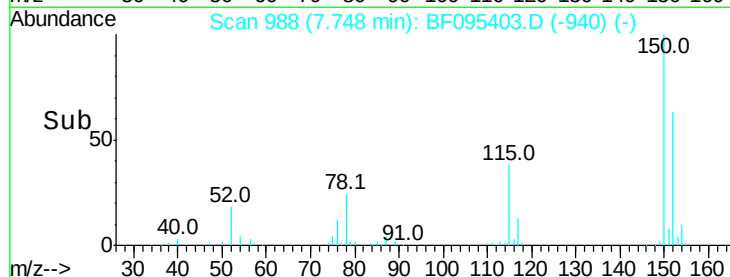
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83169
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 60.3 52.2 78.2



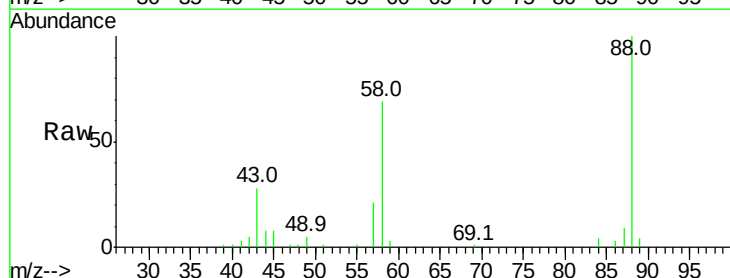
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



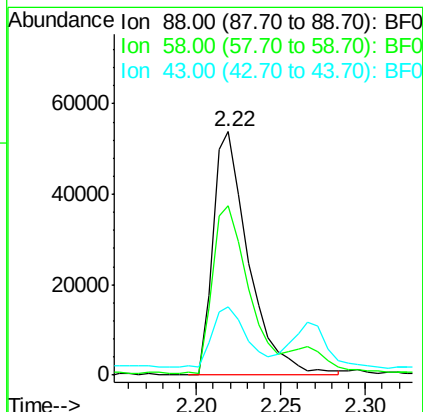
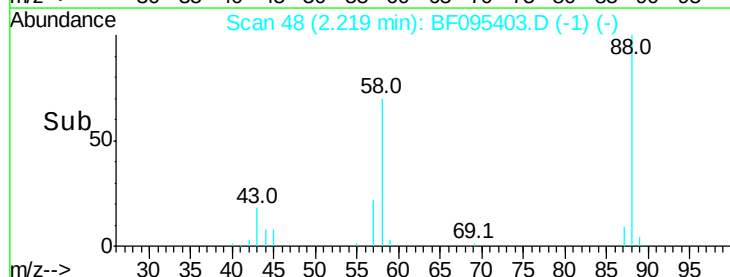
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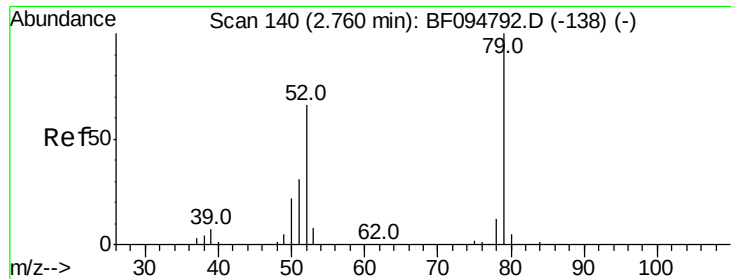
1,4-Dioxane
Concen: 32.41 ng
RT: 2.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion: 88 Resp: 79287
Ion Ratio Lower Upper
88 100
58 71.2 61.4 92.0
43 24.2 23.4 35.0



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

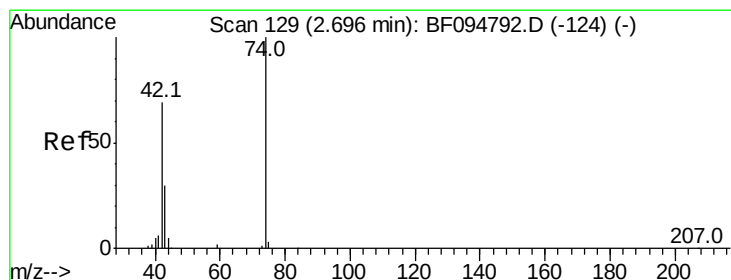
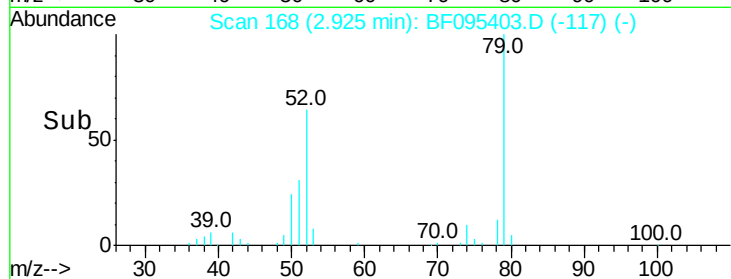
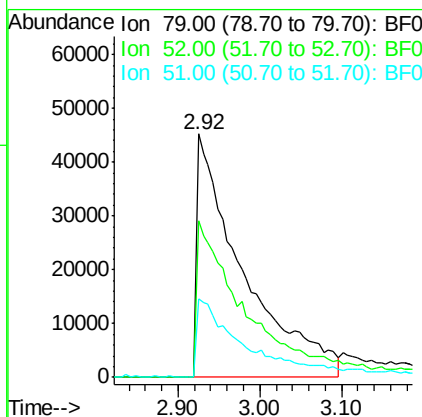
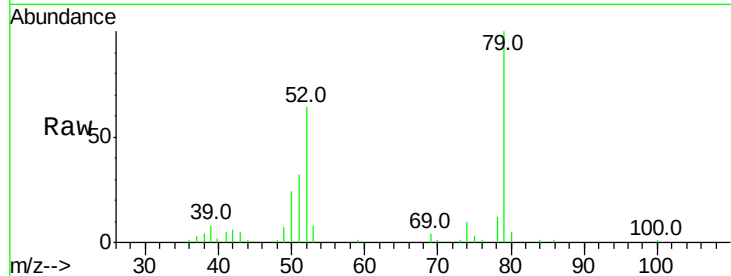




#3
 Pvridine
 Concen: 31.18 ng
 RT: 2.92 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

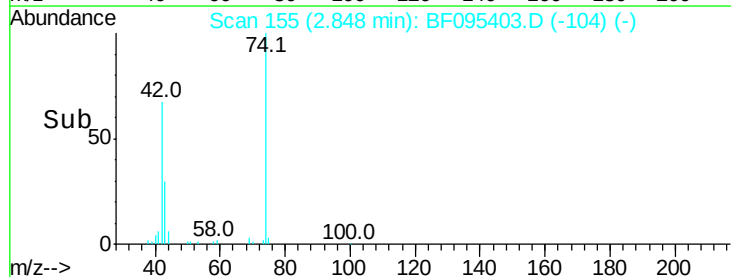
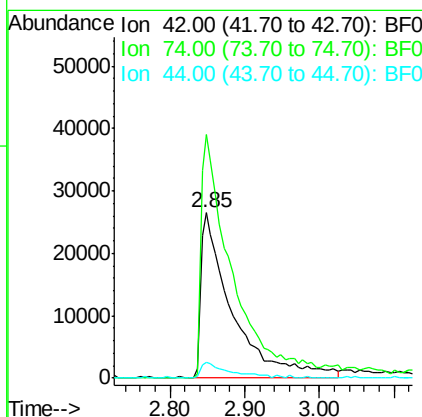
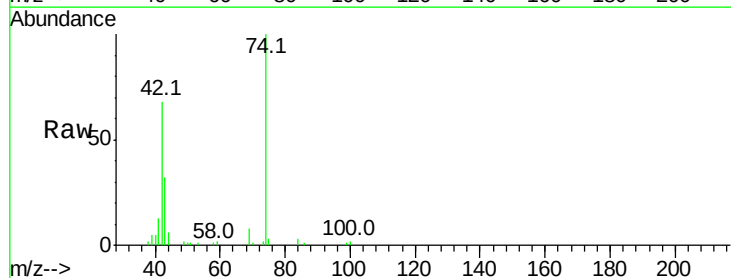
Instrument :
 BNA_F
 ClientSampleId :

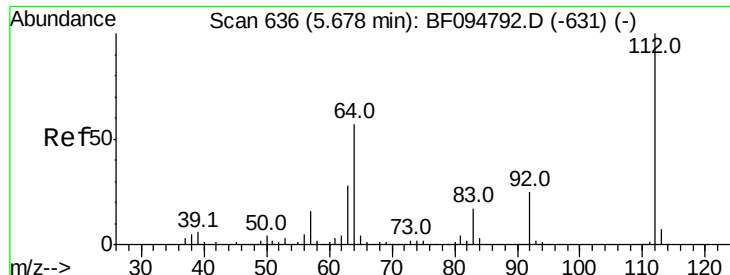
Tot Ion: 79 Resp: 176783
 Ion Ratio Lower Upper
 79 100
 52 64.5 54.8 82.2
 51 32.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 32.93 ng
 RT: 2.85 min Scan# 155
 Delta R.T. -0.00 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion: 42 Resp: 77827
 Ion Ratio Lower Upper
 42 100
 74 147.4 103.9 155.9
 44 9.5 5.7 8.5#





#5

2-Fluorophenol

Concen: 123.84 ng

RT: 5.72 min Scan# 644

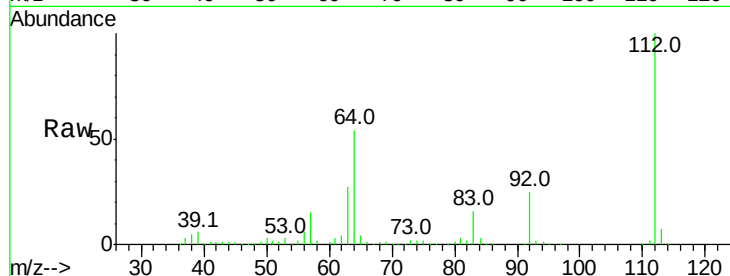
Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	617785
Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.8	23.4	35.0

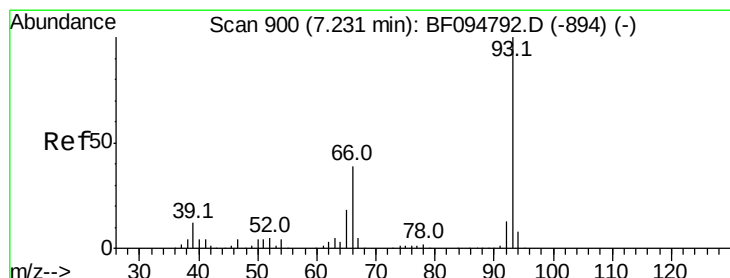
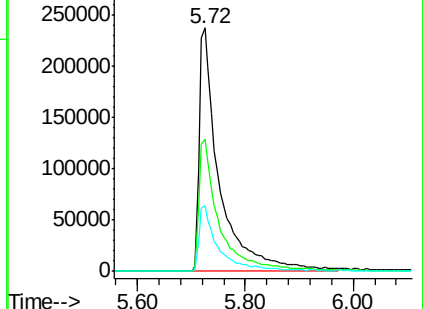
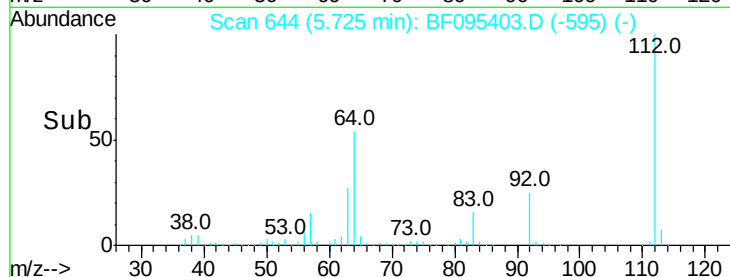


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 27.83 ng

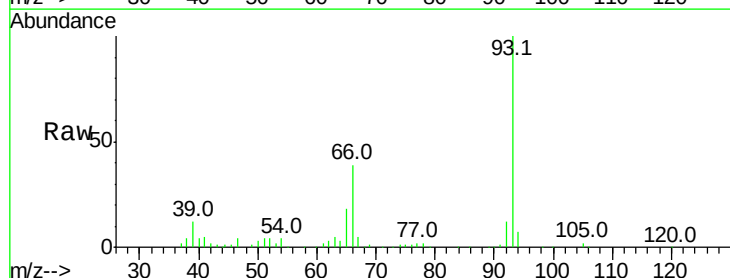
RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Tgt Ion:	93	Resp:	210270
Ion	Ratio	Lower	Upper
93	100		
66	38.5	32.9	49.3
65	17.7	16.0	24.0

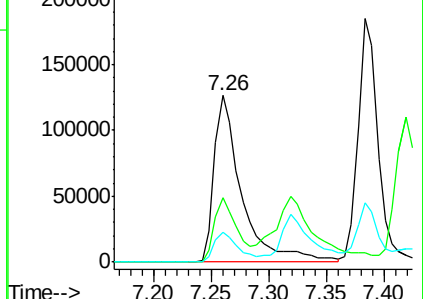
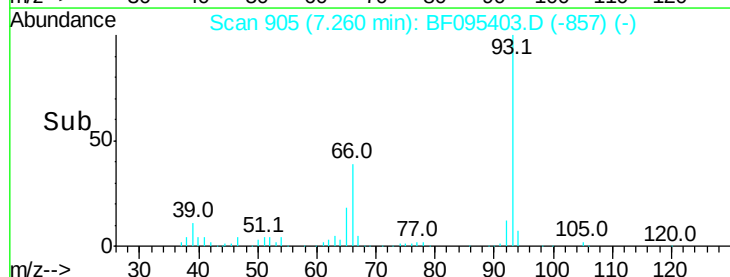


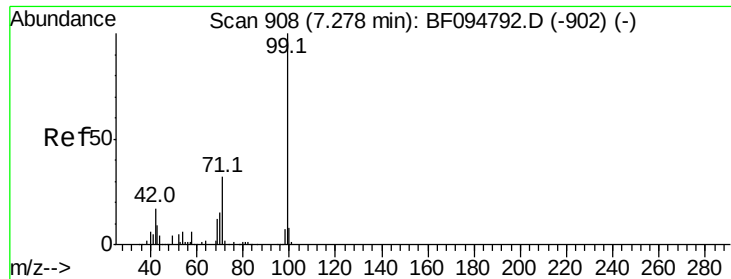
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#7

Phenol-d6

Concen: 121.66 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampled :

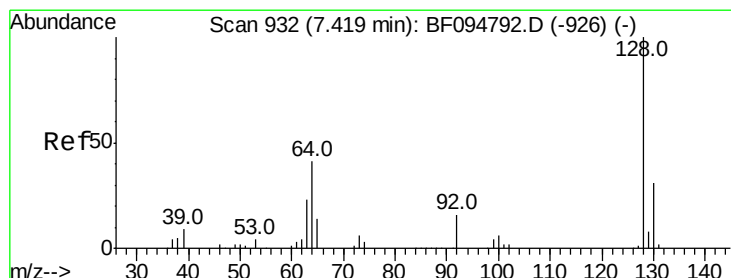
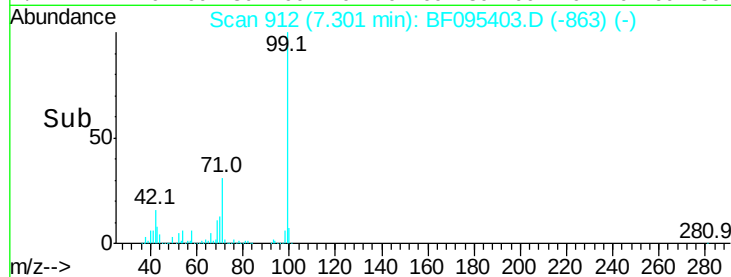
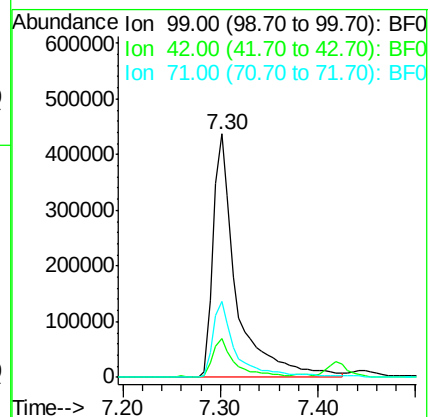
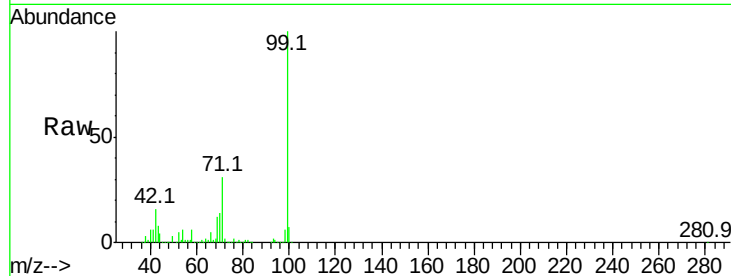
Tot Ion: 99 Resp: 728187

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 31.1 24.5 36.7



#8

2-Chlorophenol

Concen: 42.25 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

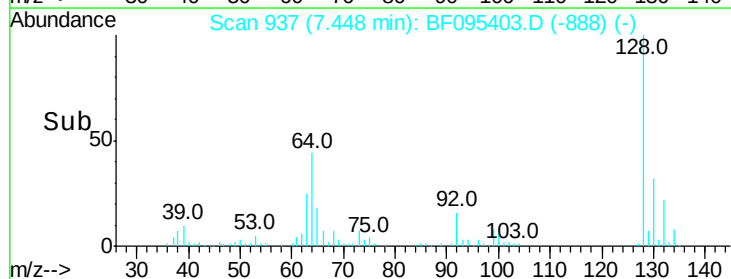
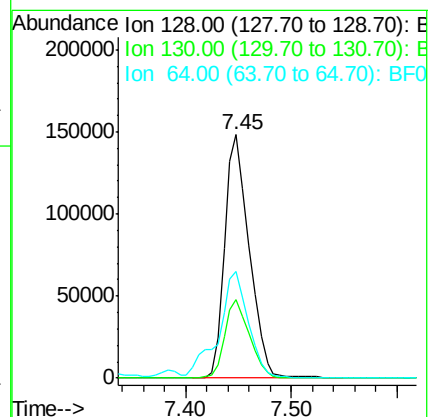
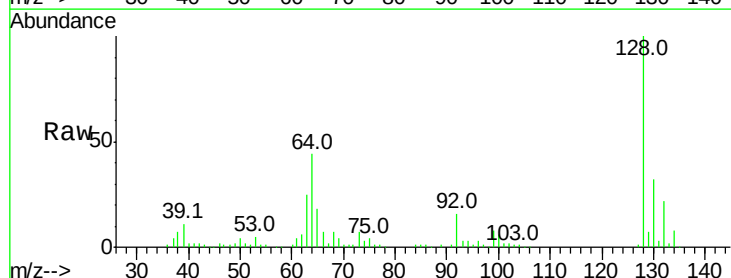
Tgt Ion: 128 Resp: 239866

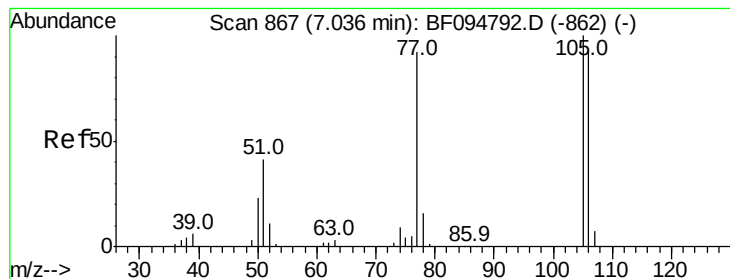
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 44.0 28.4 68.4





#9

Benzaldehyde

Concen: 20.07 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampled :

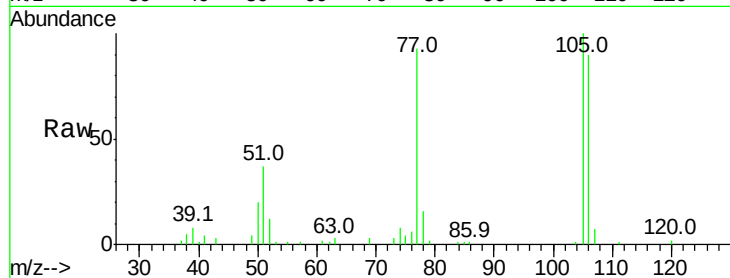
Tot Ion: 77 Resp: 73342

Ion Ratio Lower Upper

77 100

105 107.5 83.8 123.8

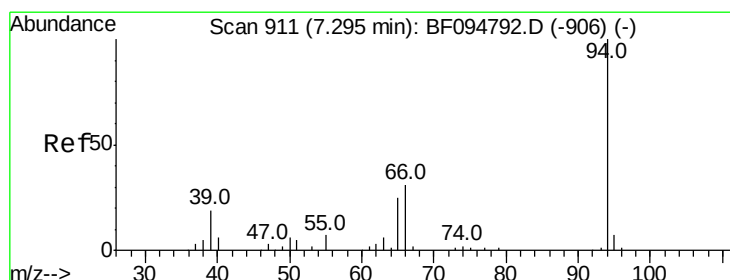
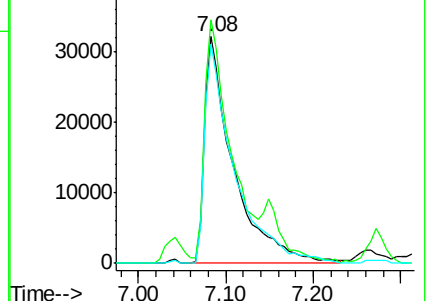
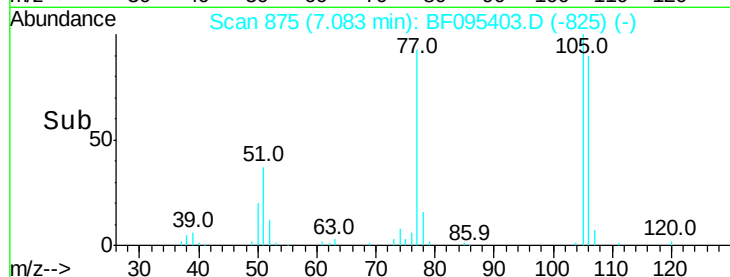
106 97.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.14 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

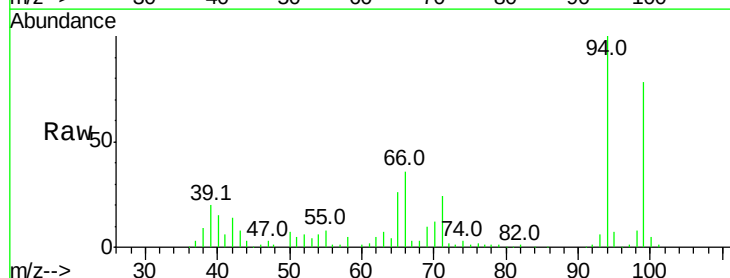
Tgt Ion: 94 Resp: 303657

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

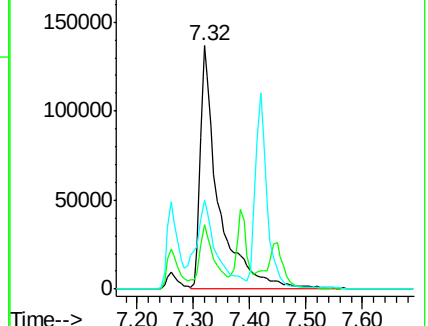
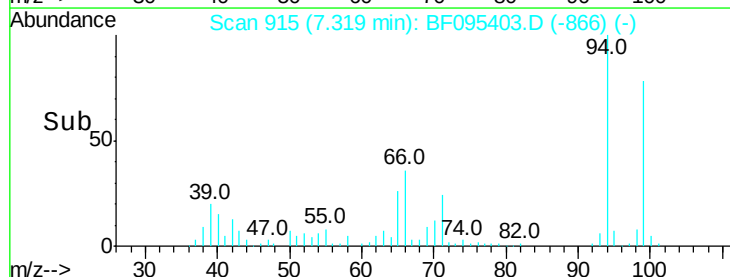
66 36.5 23.1 63.1

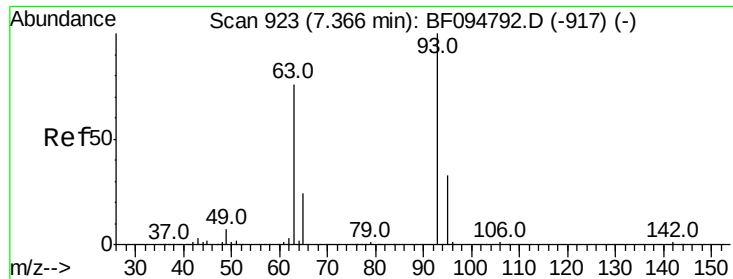


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



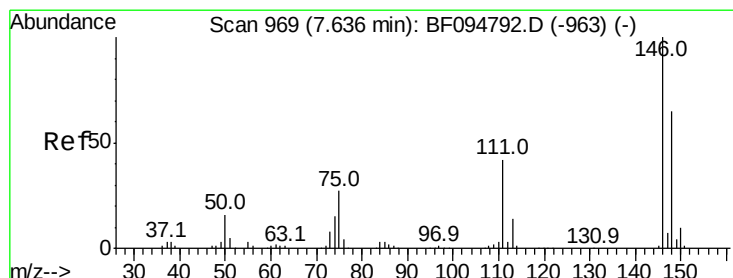
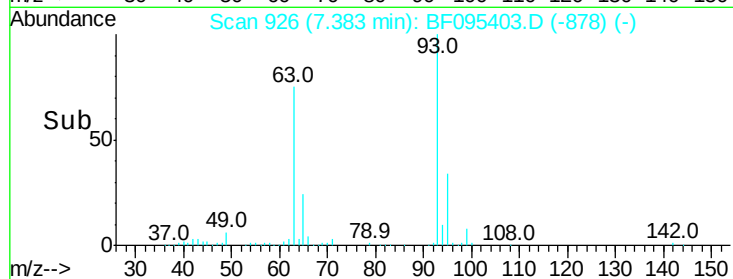
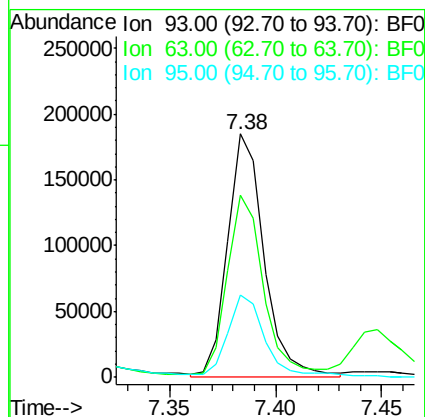
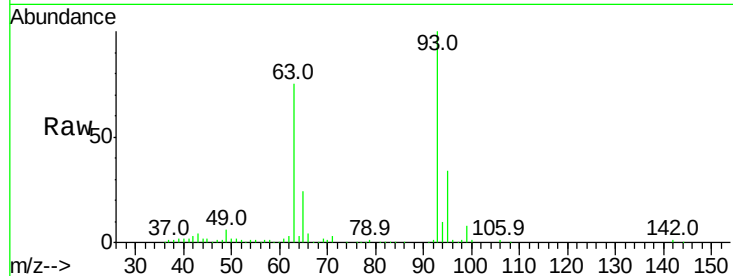


#11
 bis(2-Chloroethyl)ether
 Concen: 42.30 ng
 RT: 7.38 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 220240

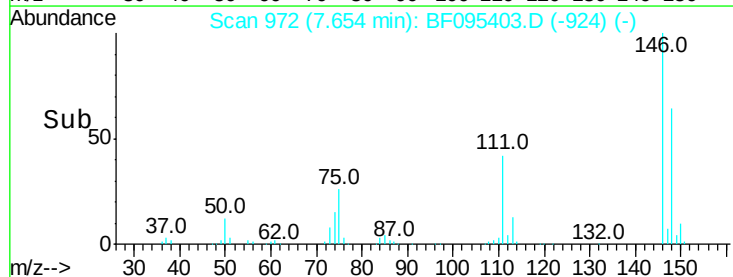
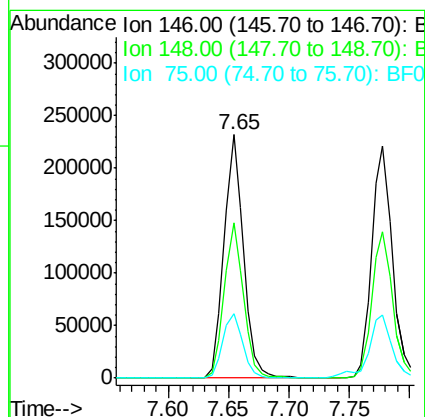
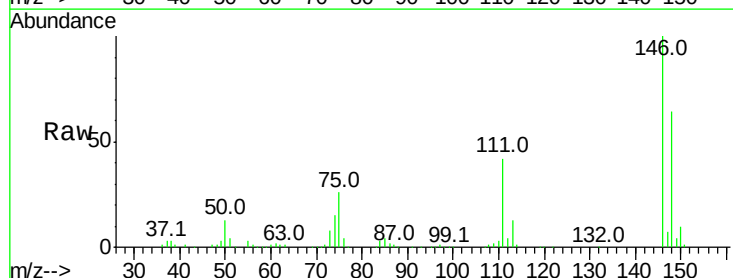
Ion	Ratio	Lower	Upper
93	100		
63	75.1	59.2	99.2
95	33.6	12.8	52.8

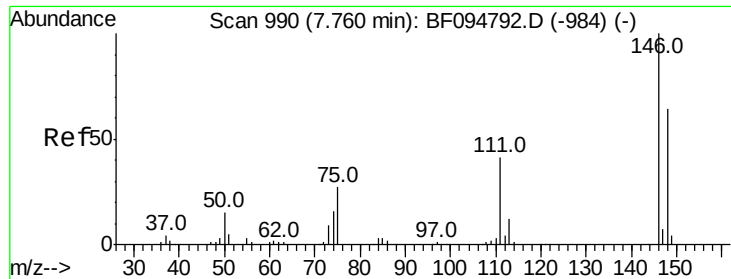


#12
 1,3-Dichlorobenzene
 Concen: 40.09 ng
 RT: 7.65 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion: 146 Resp: 258185

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	26.2	23.1	34.7

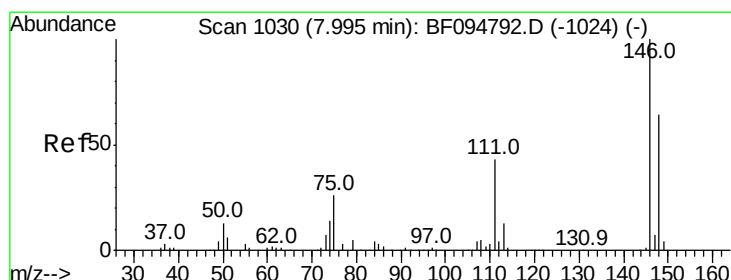
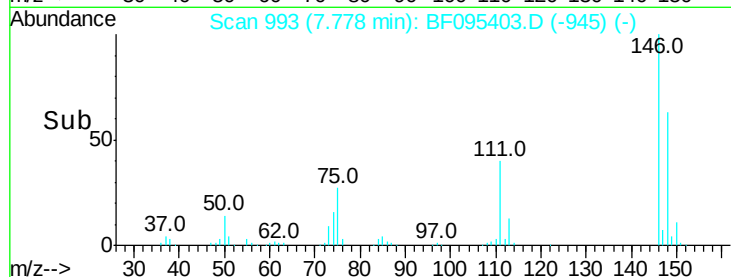
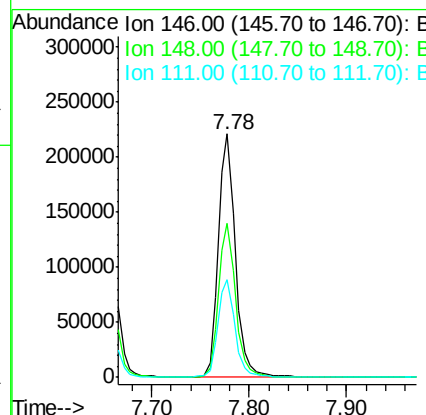
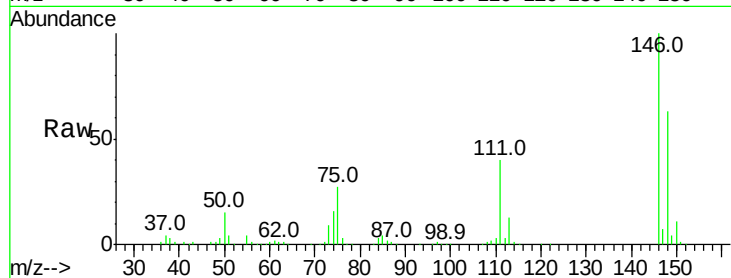




#13
 1,4-Dichlorobenzene
 Concen: 40.99 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

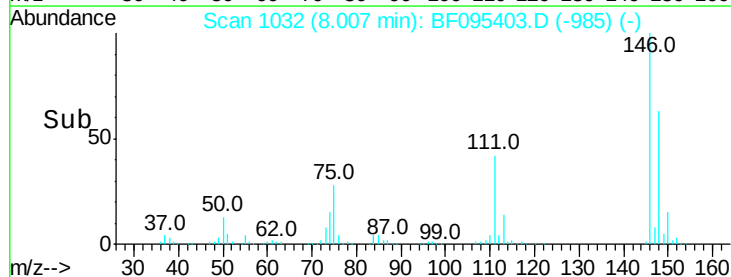
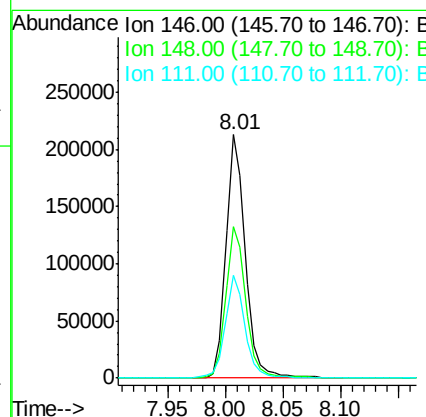
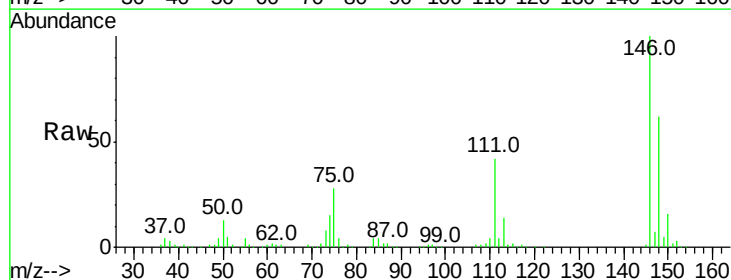
Instrument :
 BNA_F
 ClientSampled :

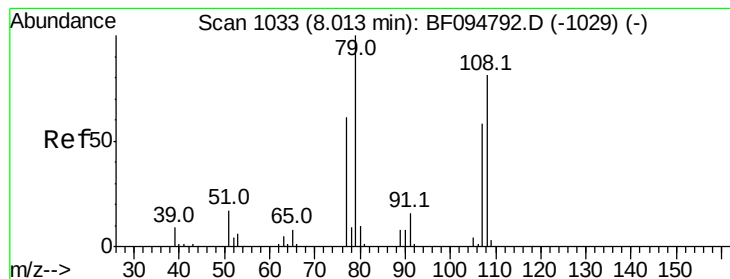
Tot Ion:146 Resp: 267709
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 39.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.81 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:146 Resp: 248795
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.4 75.6
 111 42.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 47.68 ng

RT: 8.04 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

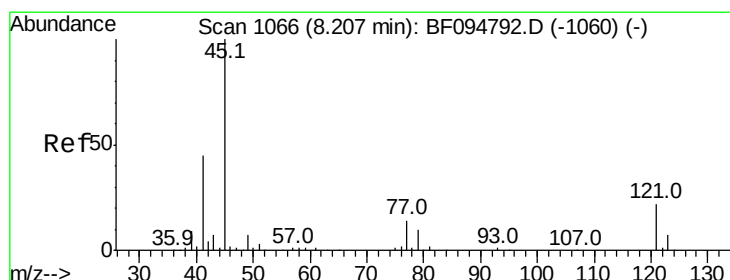
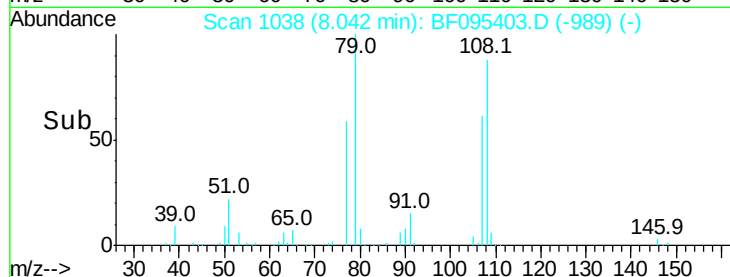
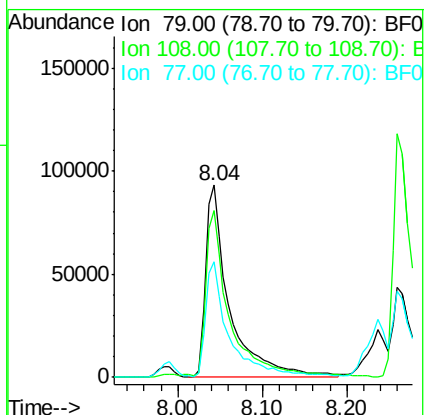
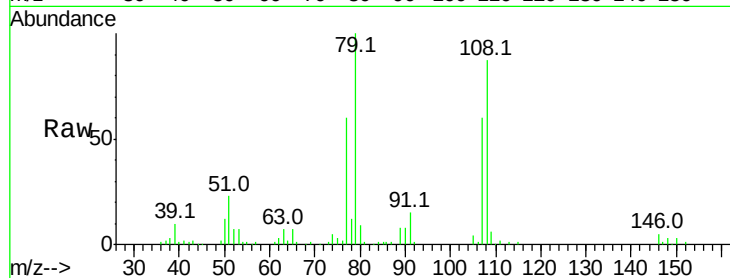
Tot Ion: 79 Resp: 183571

Ion Ratio Lower Upper

79 100

108 87.1 63.4 95.0

77 60.3 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.07 ng

RT: 8.24 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

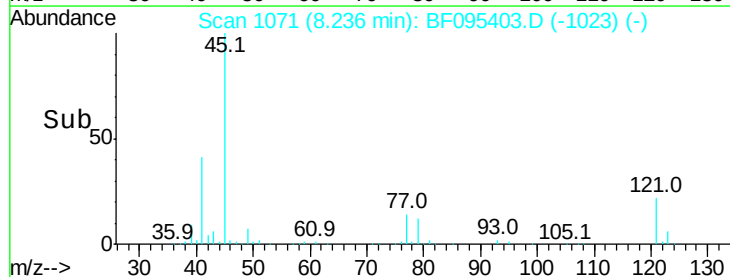
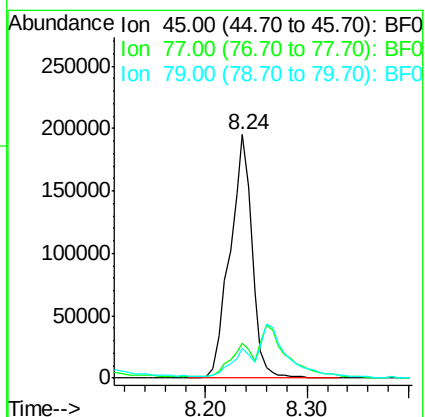
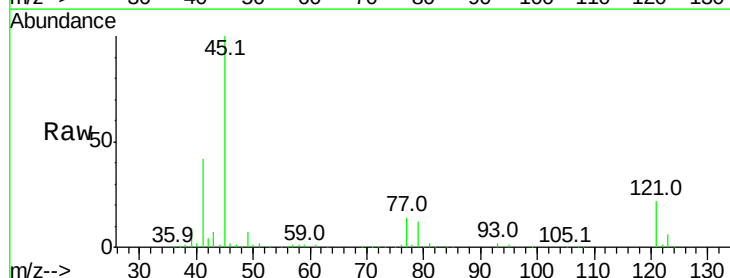
Tgt Ion: 45 Resp: 295276

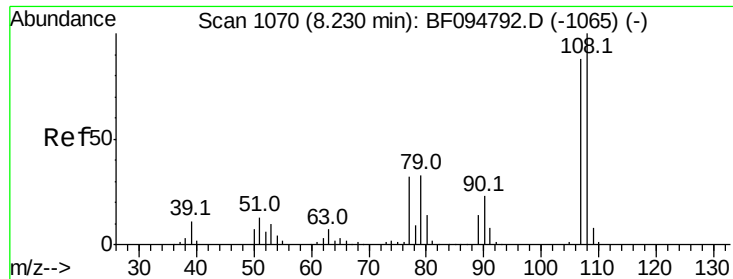
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

79 12.0 0.0 30.0

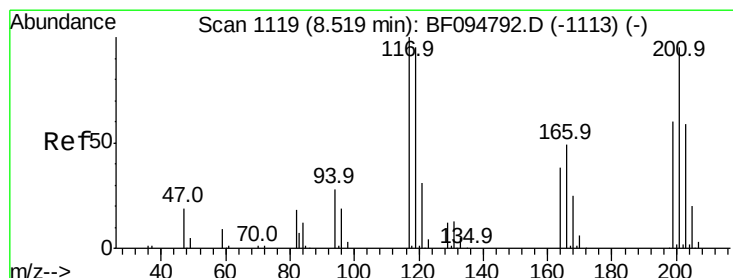
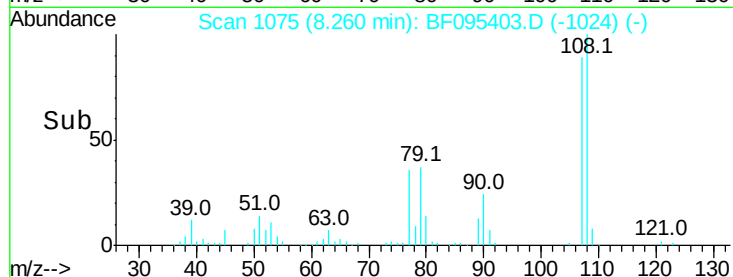
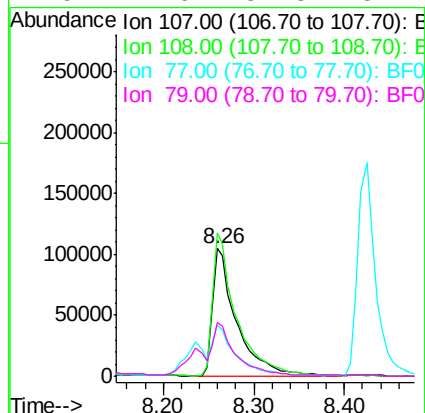
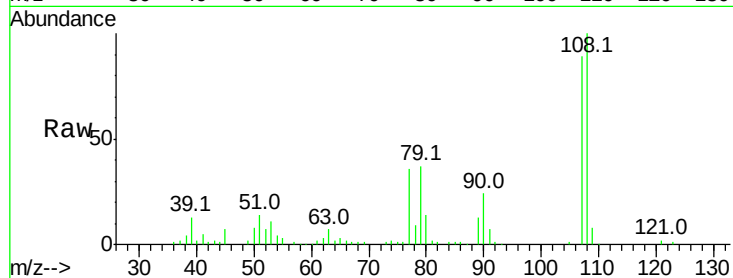




#17
2-Methylphenol
Concen: 42.03 ng
RT: 8.26 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

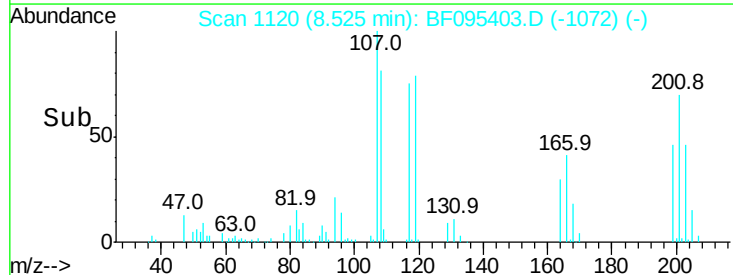
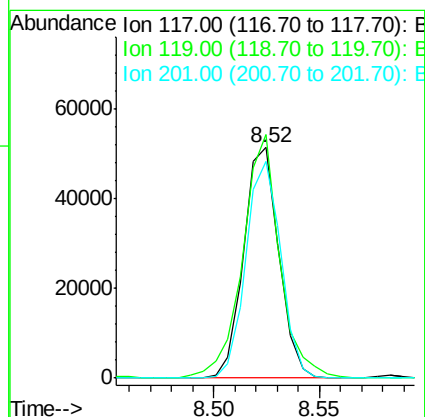
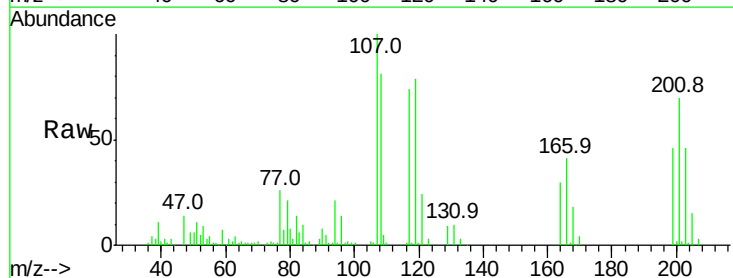
Instrument :
BNA_F
ClientSampleId :

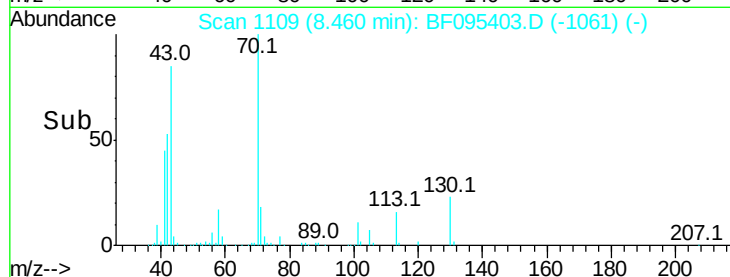
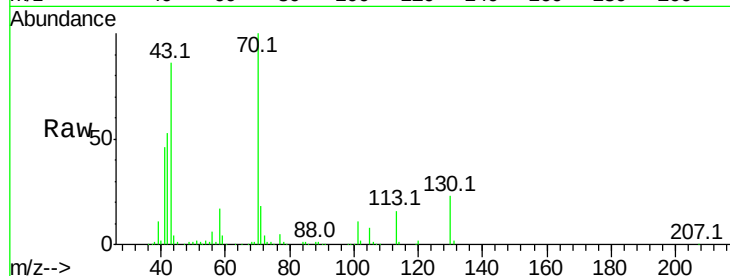
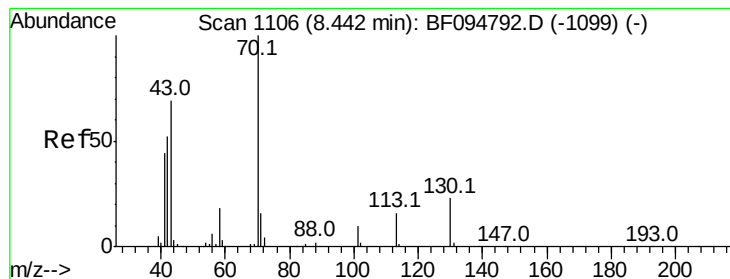
Tot Ion:107	Resp:	195299
Ion Ratio	Lower	Upper
107	100	
108	112.4	93.4 140.0
77	40.0	35.8 53.6
79	41.6	34.8 52.2



#18
Hexachloroethane
Concen: 26.86 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion:117	Resp:	59423
Ion Ratio	Lower	Upper
117	100	
119	105.6	77.4 116.0
201	93.8	94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 40.62 ng

RT: 8.46 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 164441

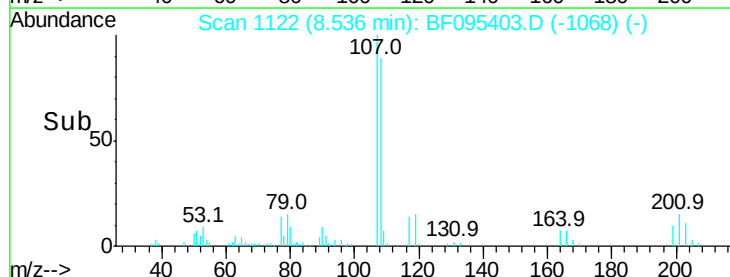
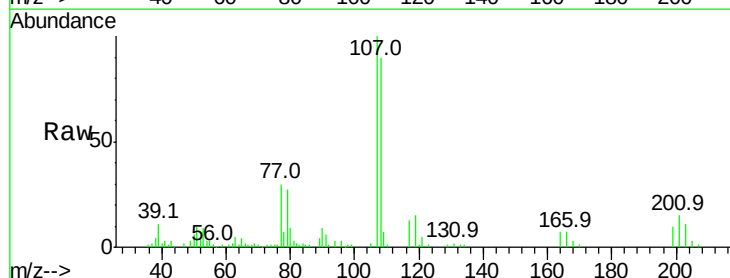
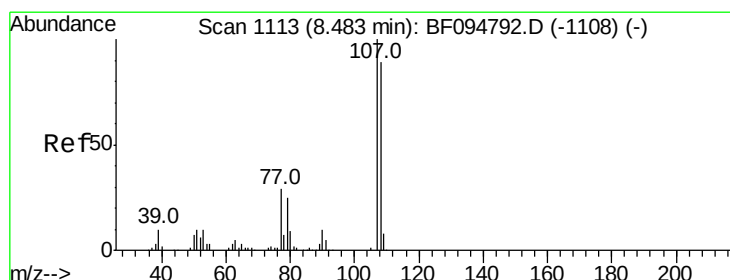
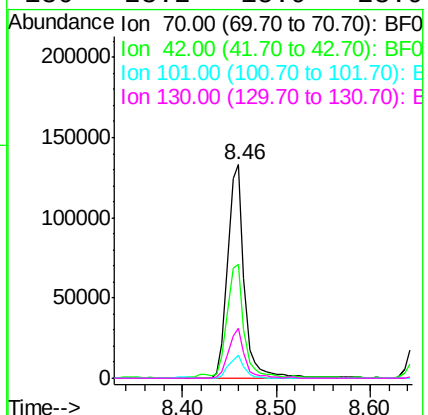
Ion Ratio Lower Upper

70 100

42 53.5 47.2 70.8

101 10.7 7.2 10.8

130 23.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 38.51 ng

RT: 8.54 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Tgt Ion: 107 Resp: 243167

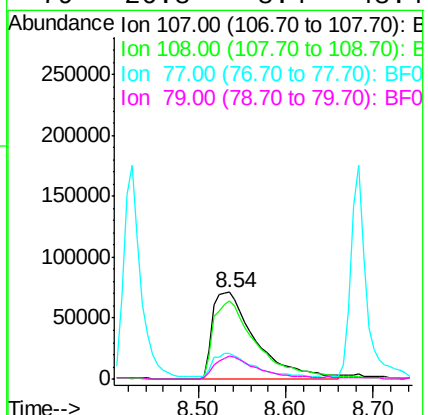
Ion Ratio Lower Upper

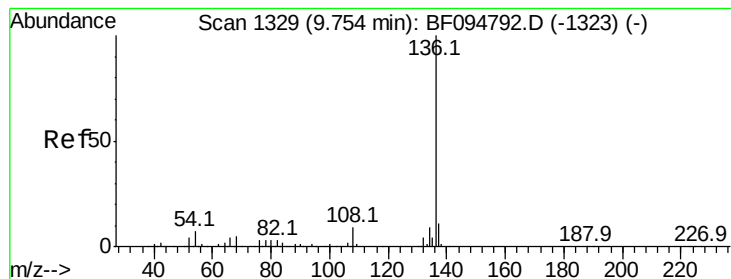
107 100

108 89.6 71.0 111.0

77 30.1 90.5 130.5#

79 26.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 316807

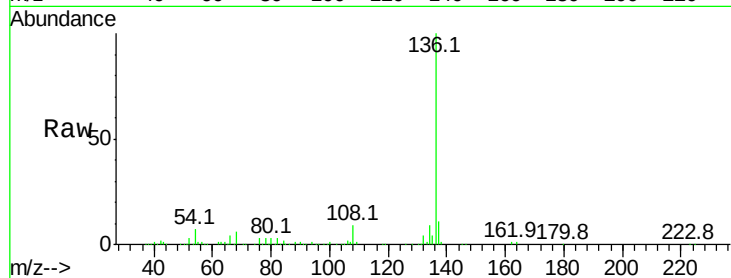
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.9 4.1 6.1

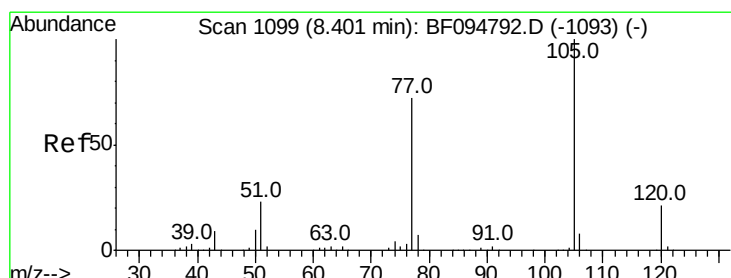
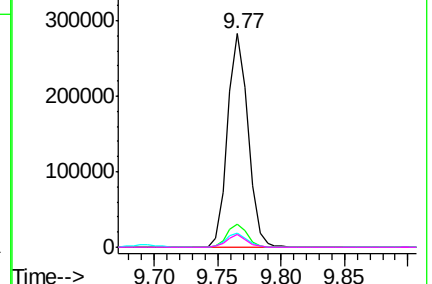
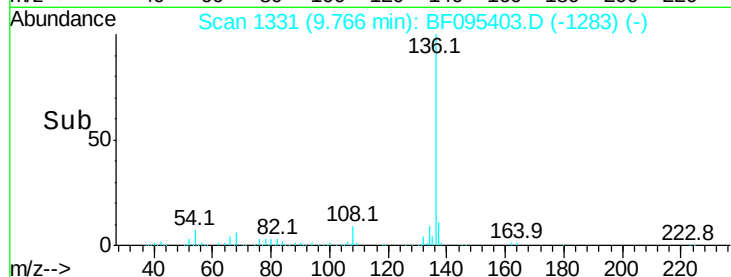


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.62 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Tgt Ion:105 Resp: 323965

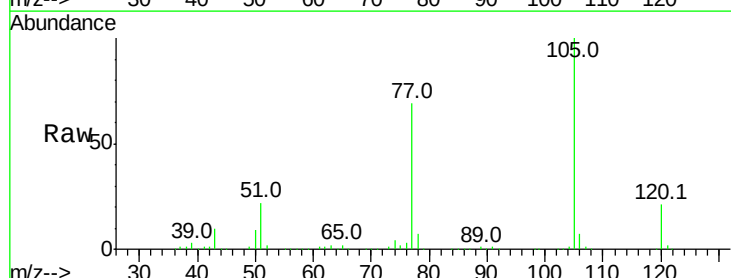
Ion Ratio Lower Upper

105 100

71 0.3 2.8 4.2#

51 21.5 30.7 46.1#

120 21.4 17.4 26.0

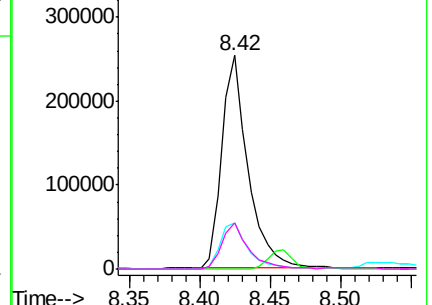
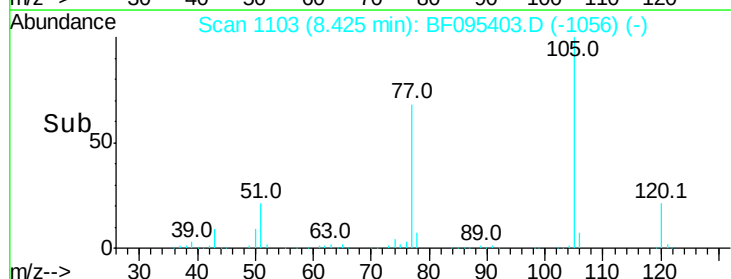


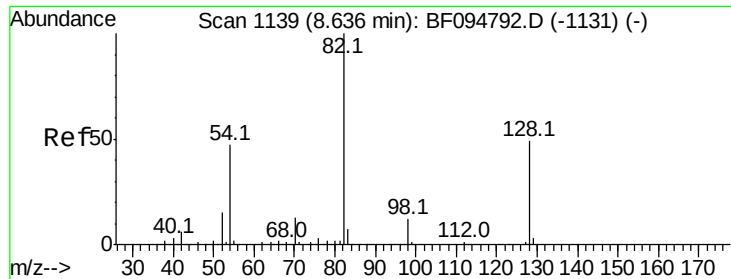
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

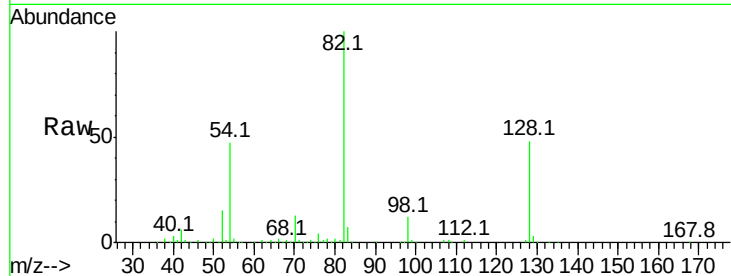




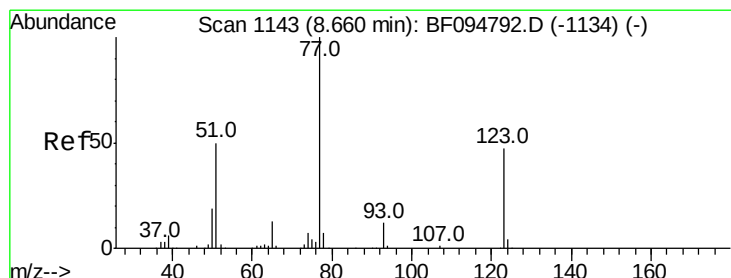
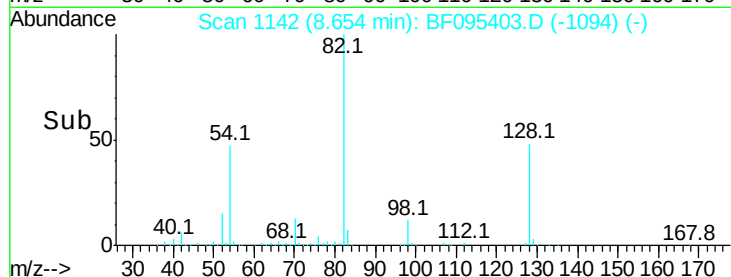
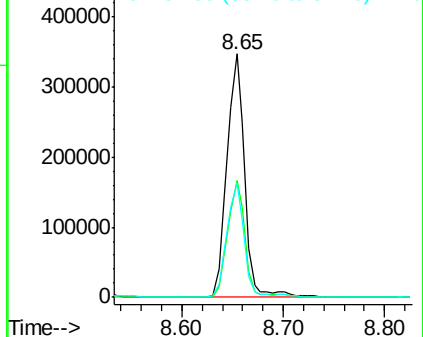
#23
 Nitrobenzene-d5
 Concen: 84.09 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	422469
Ion Ratio	Lower	Upper	
82	100		
128	48.1	34.0	51.0
54	46.9	42.2	63.2

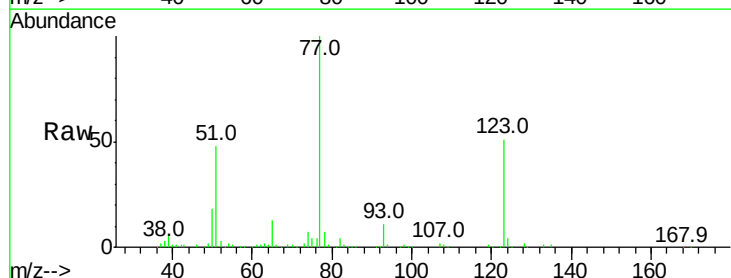


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

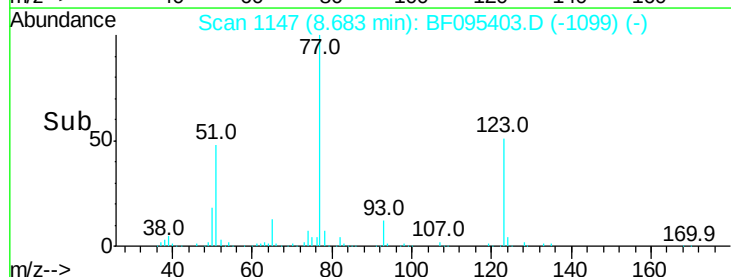
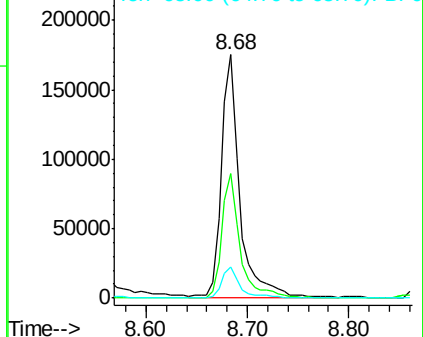


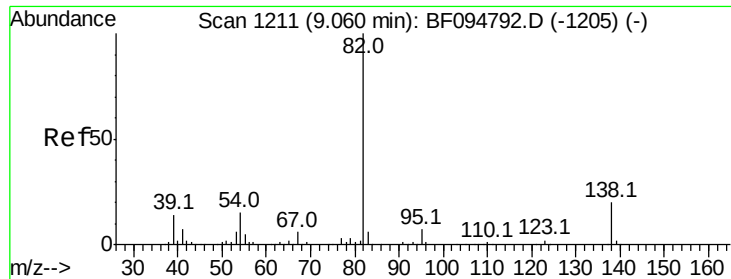
#24
 Nitrobenzene
 Concen: 41.19 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion	77	Resp	216906
Ion Ratio	Lower	Upper	
77	100		
123	51.2	35.8	53.8
65	13.0	10.6	15.8



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





#25

Isophorone

Concen: 45.27 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

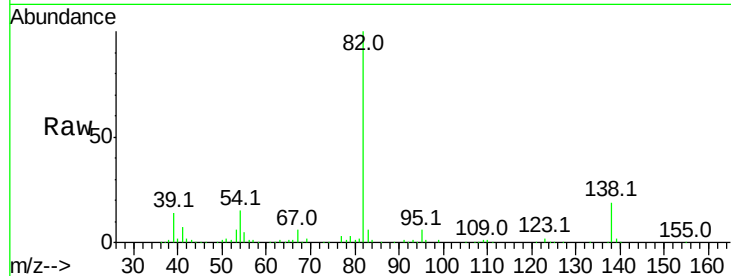
Tot Ion: 82 Resp: 406151

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

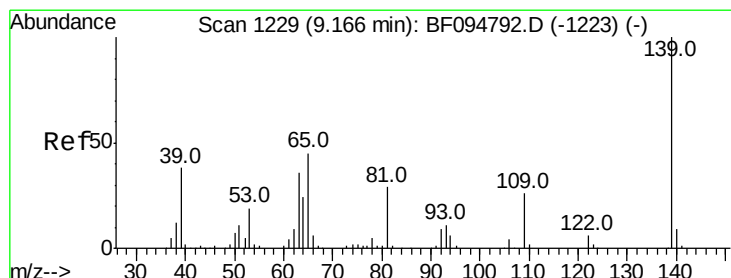
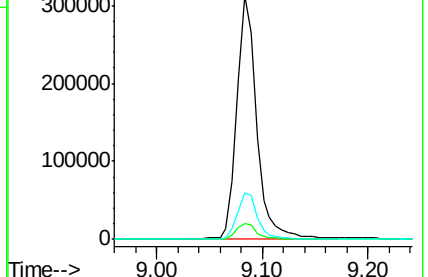
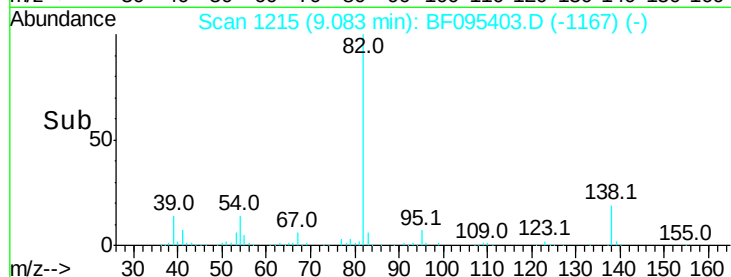
138 18.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 20.98 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

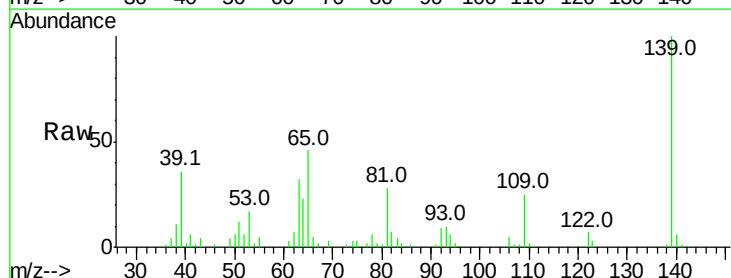
Tgt Ion:139 Resp: 59607

Ion Ratio Lower Upper

139 100

109 24.7 21.0 31.6

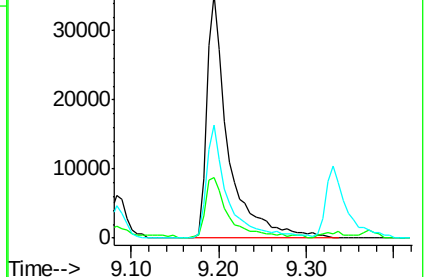
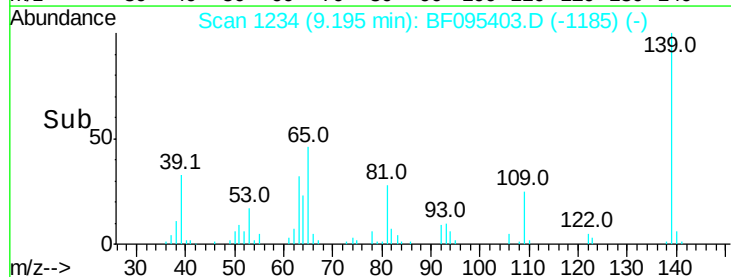
65 46.3 33.0 49.6

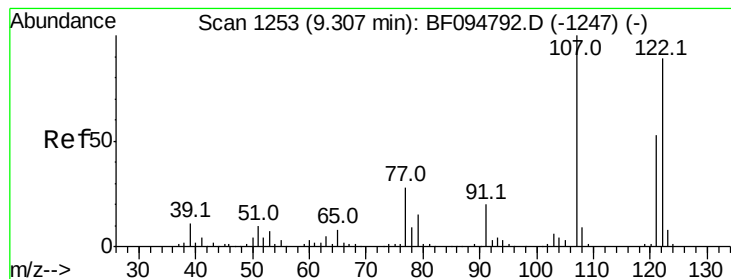


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

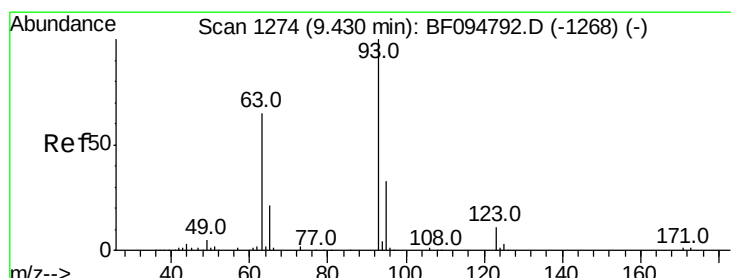
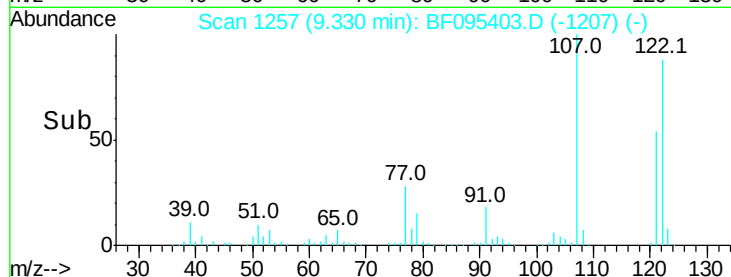
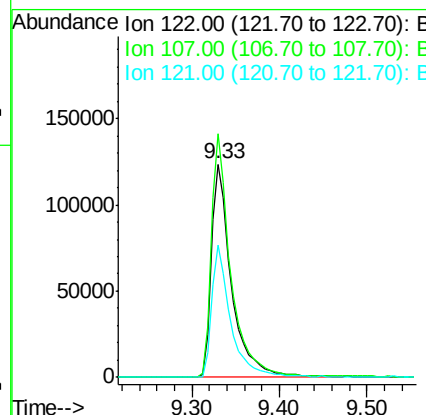
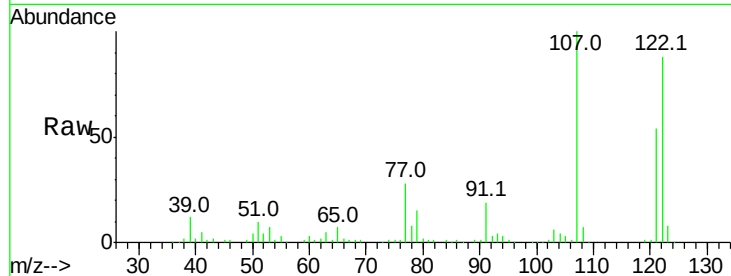




#27
 2,4-Dimethylphenol
 Concen: 43.01 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

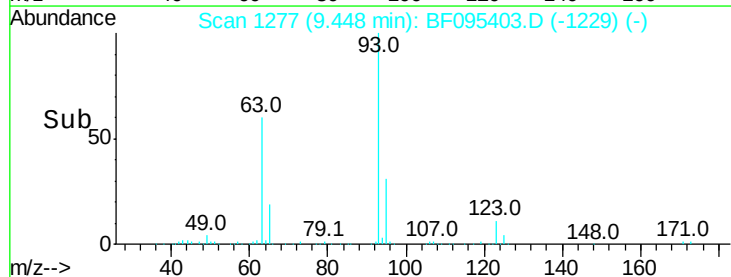
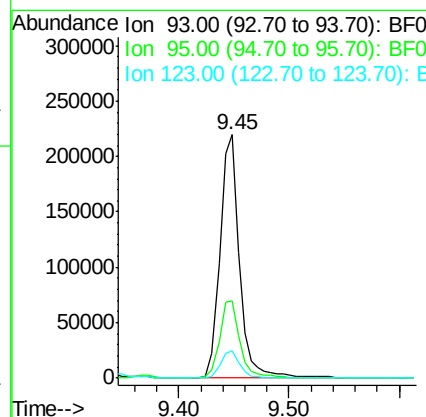
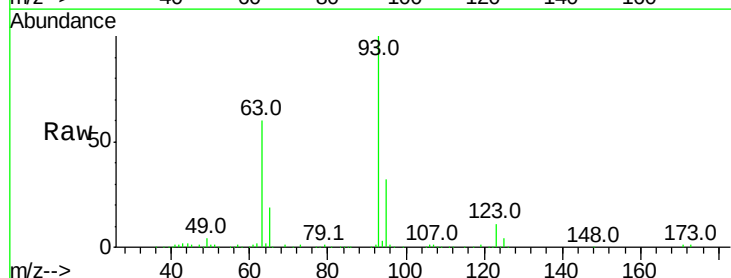
Instrument :
 BNA_F
 ClientSampled :

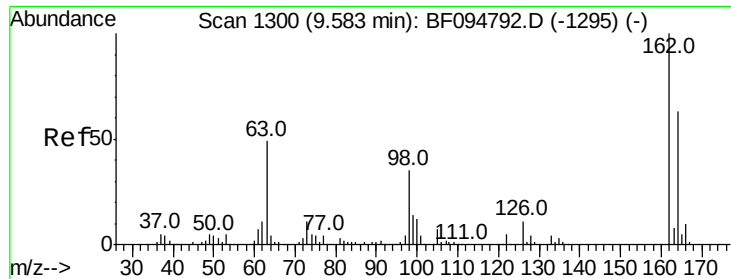
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	89.2	133.8
121	62.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.13 ng
 RT: 9.45 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.5	39.7
123	11.1	9.0	13.4

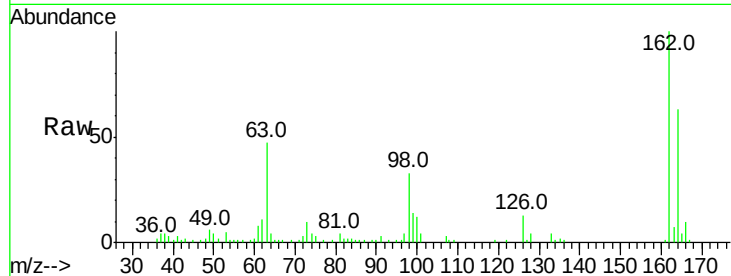




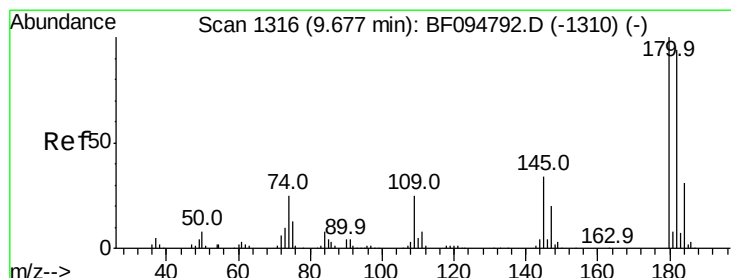
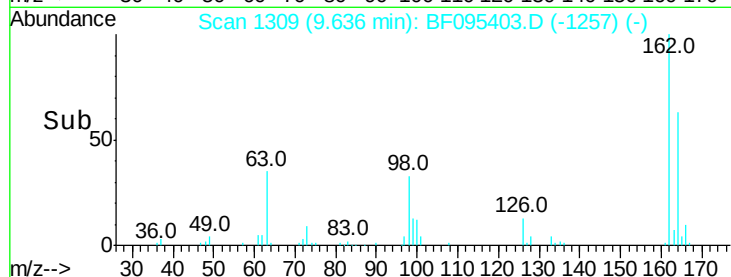
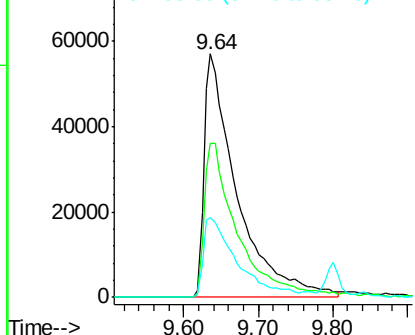
#29
 2,4-Dichlorophenol
 Concen: 40.14 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 174122
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.6 84.6
 98 33.0 14.8 54.8

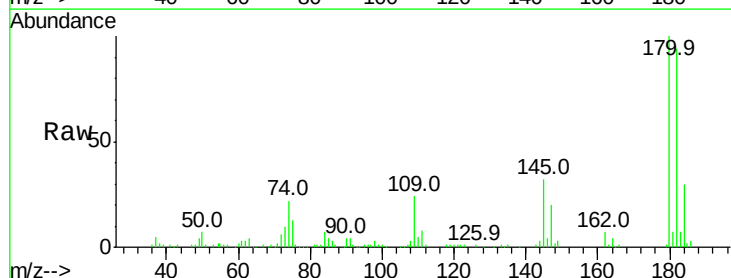


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

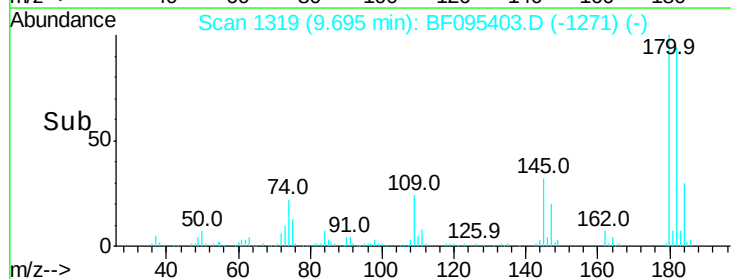
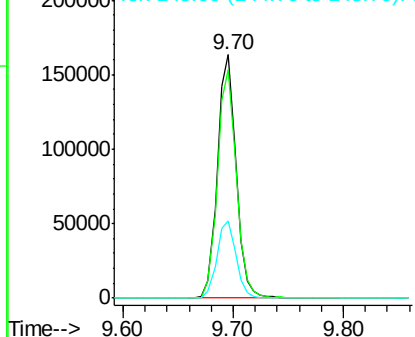


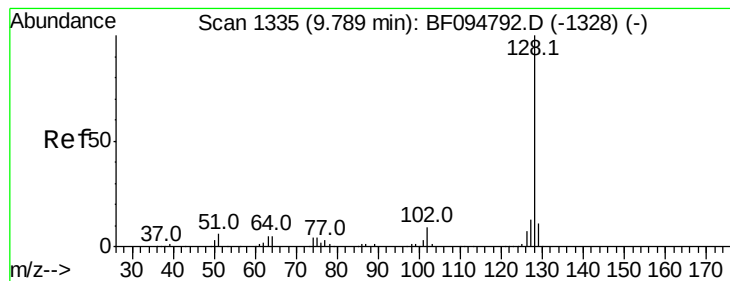
#30
 1,2,4-Trichlorobenzene
 Concen: 41.37 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:180 Resp: 192278
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.8 113.6
 145 31.9 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: 44.42 ng

RT: 9.80 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

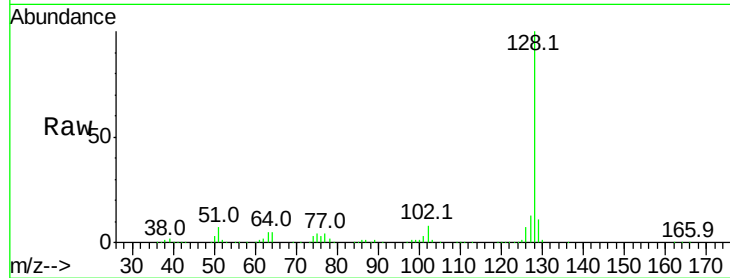
Tot Ion:128 Resp: 707269

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

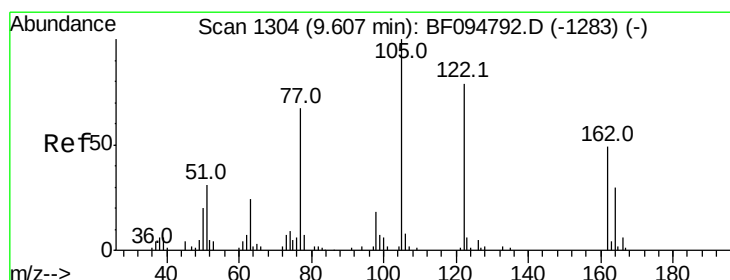
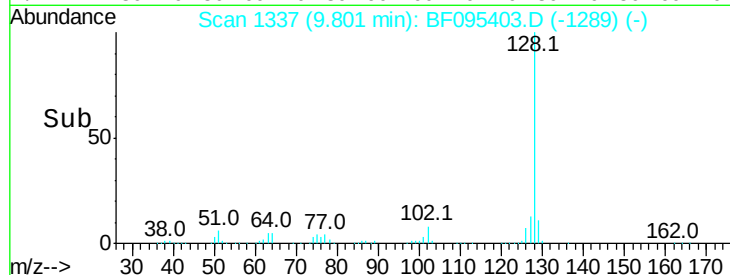
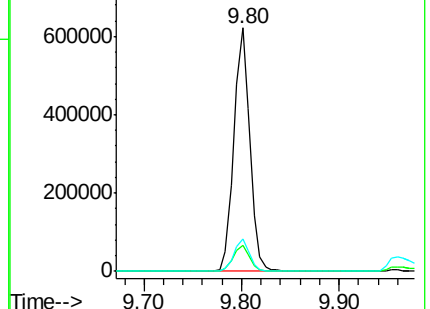
127 13.1 10.8 16.2



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: 5.47 ng

RT: 9.70 min Scan# 1319

Delta R.T. 0.03 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

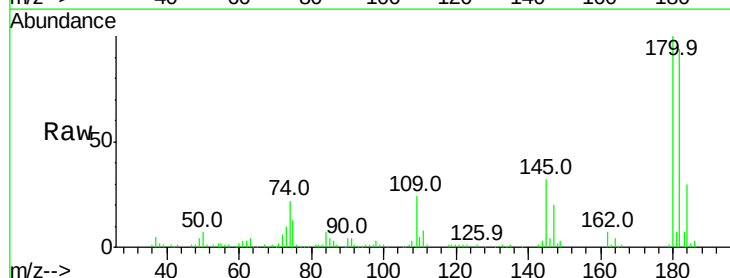
Tgt Ion:122 Resp: 1295

Ion Ratio Lower Upper

122 100

105 48.5 103.3 143.3#

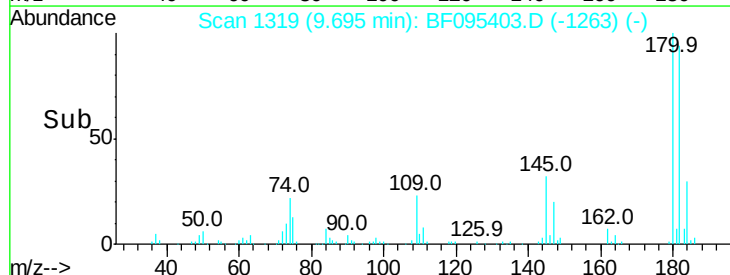
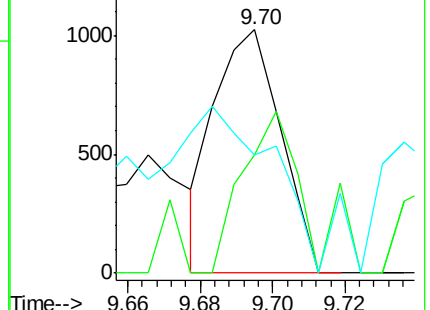
77 48.8 73.7 113.7#

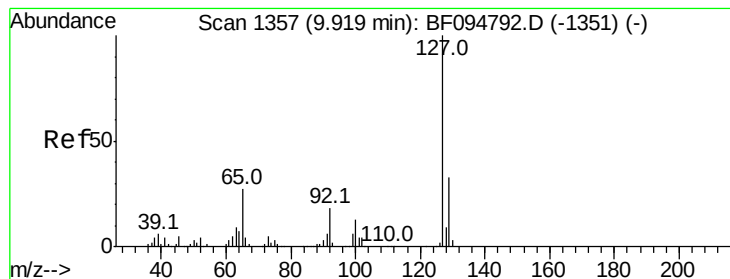


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.66 ng

RT: 9.96 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 104778

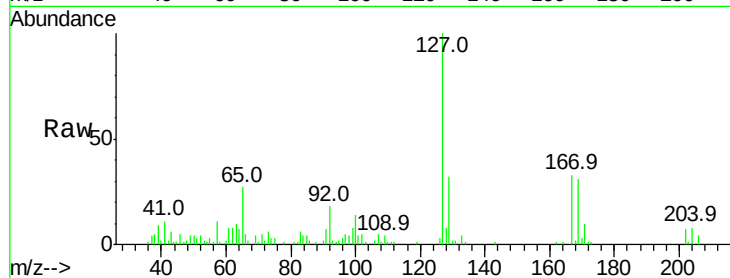
Ion Ratio Lower Upper

127 100

129 31.7 26.2 39.2

65 26.7 27.8 41.8#

92 18.0 16.8 25.2

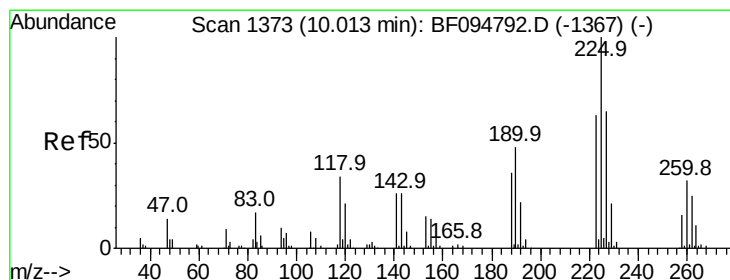
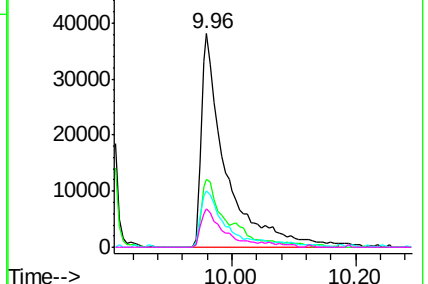
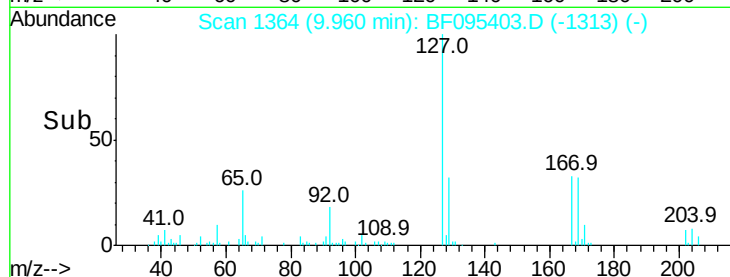


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.62 ng

RT: 10.01 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

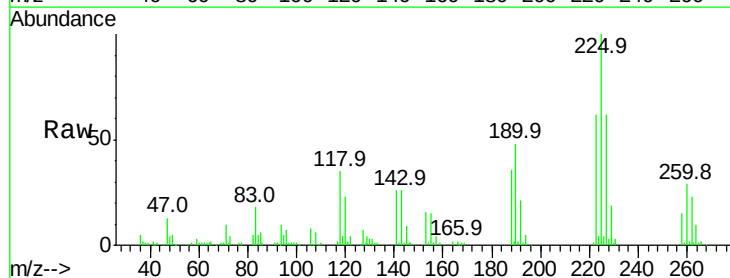
Tgt Ion:225 Resp: 97155

Ion Ratio Lower Upper

225 100

223 62.4 48.8 73.2

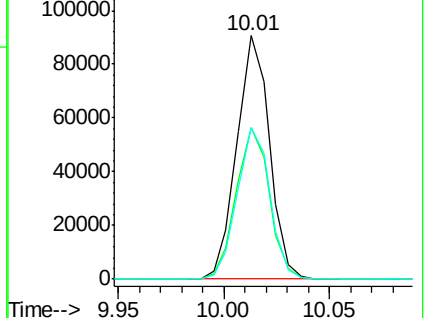
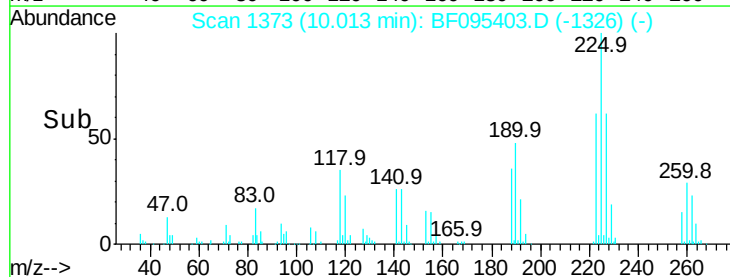
227 62.0 51.1 76.7

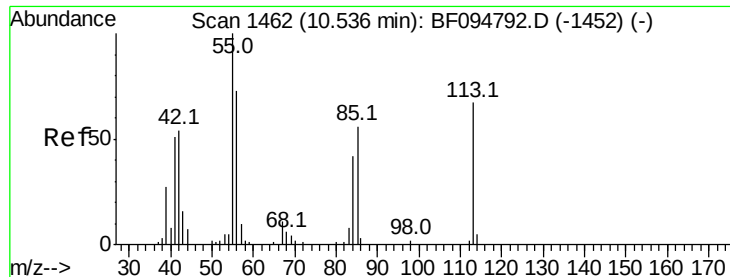


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.17 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampled :

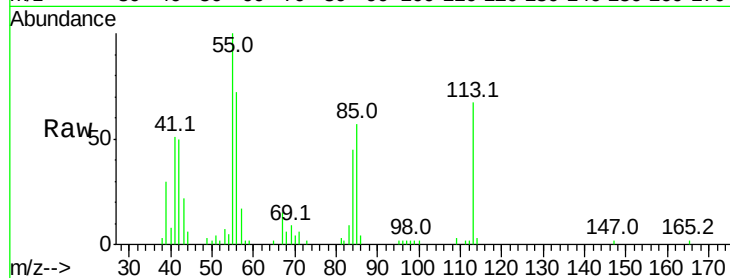
Tot Ion:113 Resp: 54929

Ion Ratio Lower Upper

113 100

55 150.0 150.2 190.2#

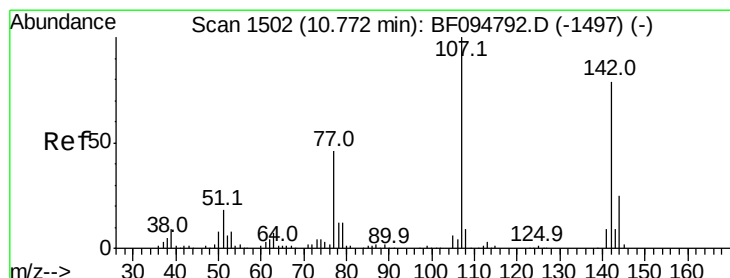
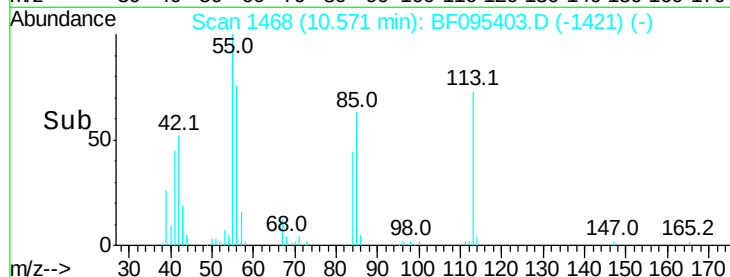
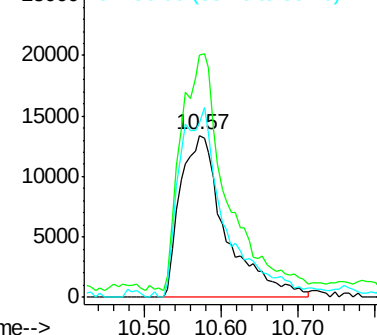
56 108.2 107.8 147.8



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: 38.83 ng

RT: 10.84 min Scan# 1513

Delta R.T. 0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

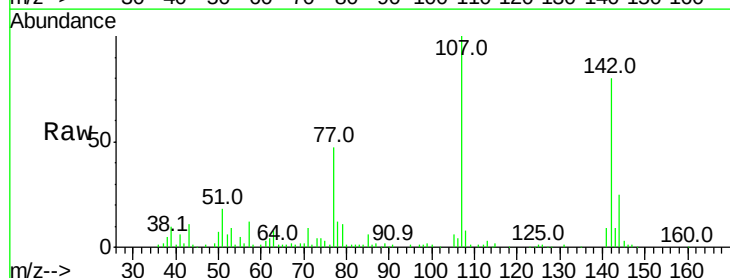
Tgt Ion:107 Resp: 180072

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

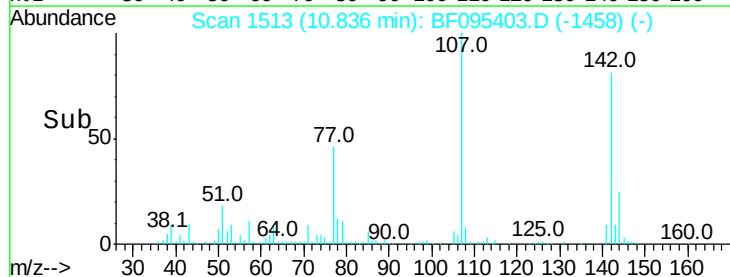
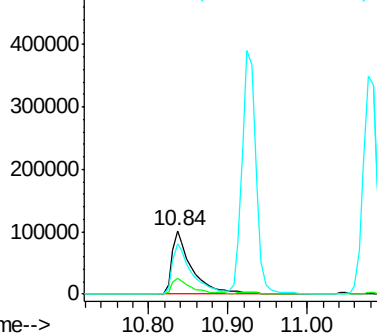
142 80.4 73.4 110.0

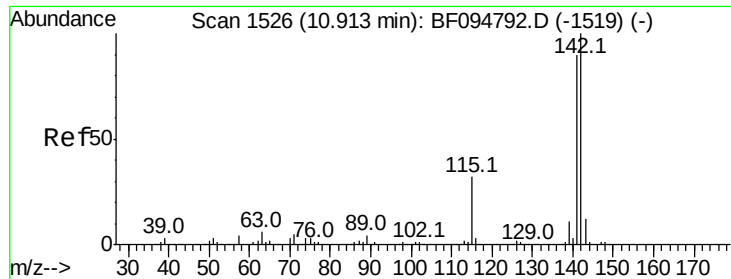


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

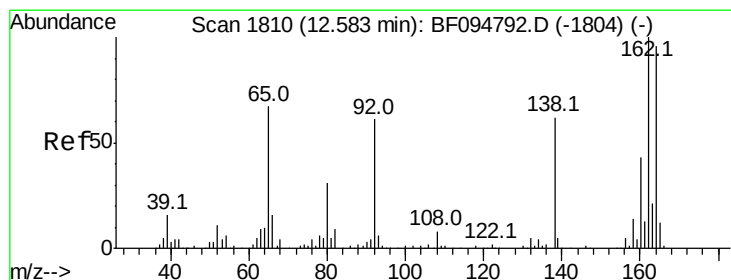
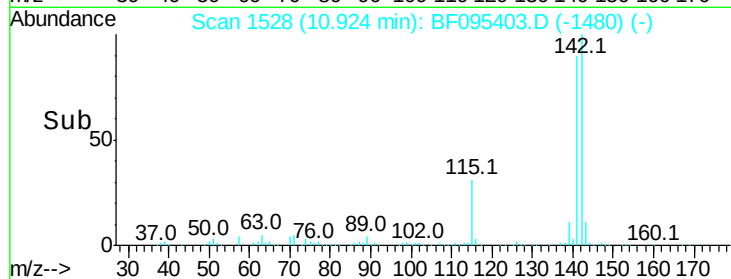
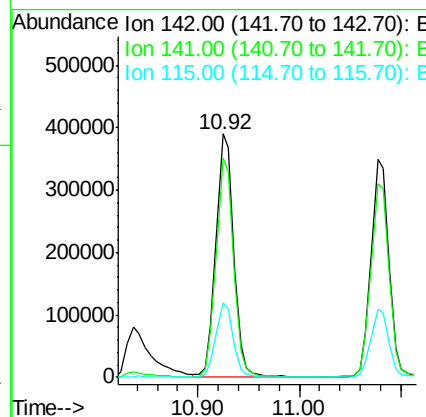
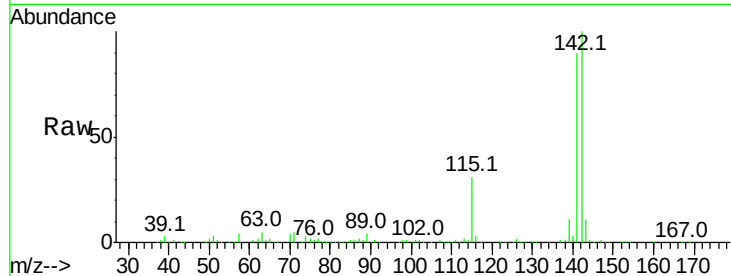




#37
 2-Methylnaphthalene
 Concen: 46.15 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

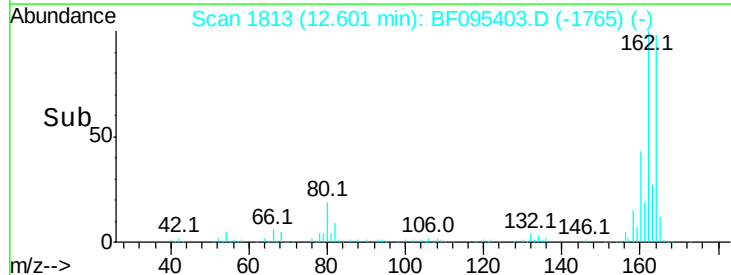
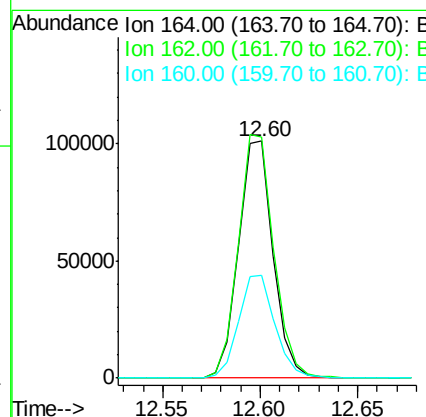
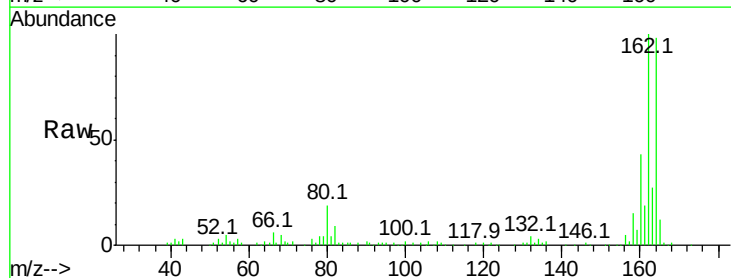
Instrument :
 BNA_F
 ClientSampled :

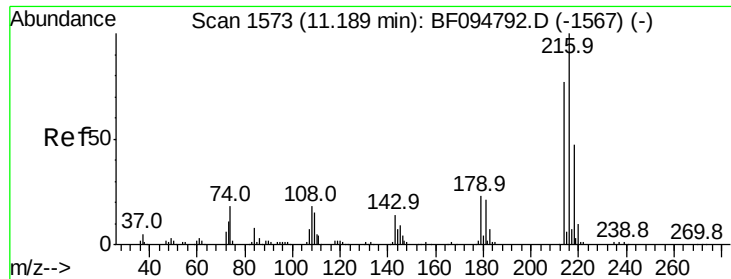
Tot Ion:142 Resp: 482274
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 30.7 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:164 Resp: 124045
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 43.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.54 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 166105

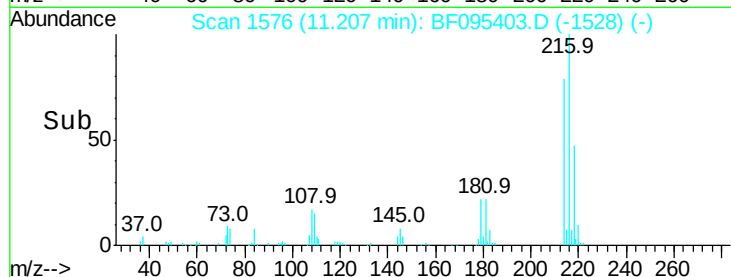
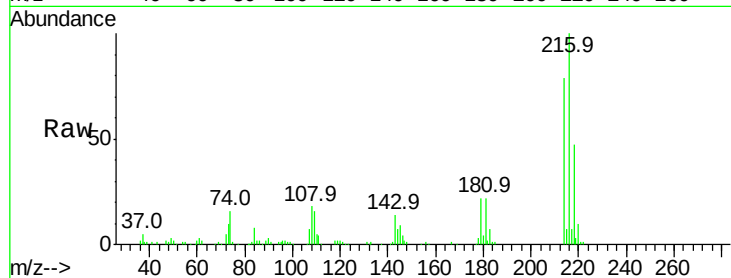
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 22.1 17.9 26.9

108 18.1 16.5 24.7

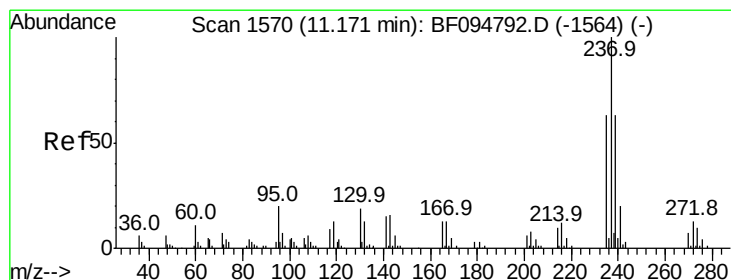
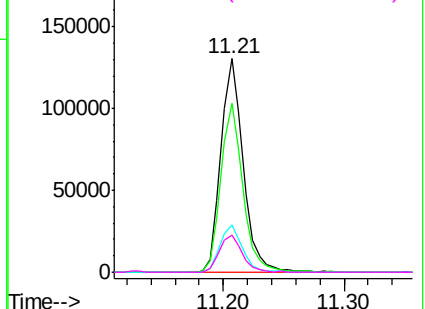


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.25 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

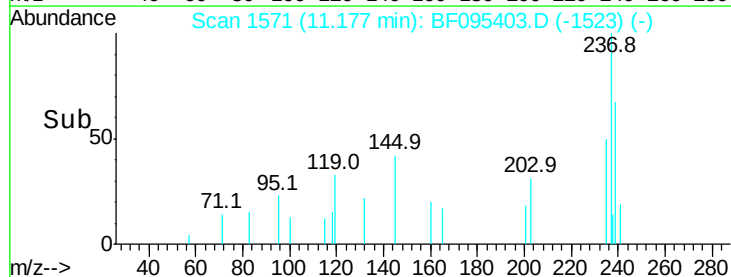
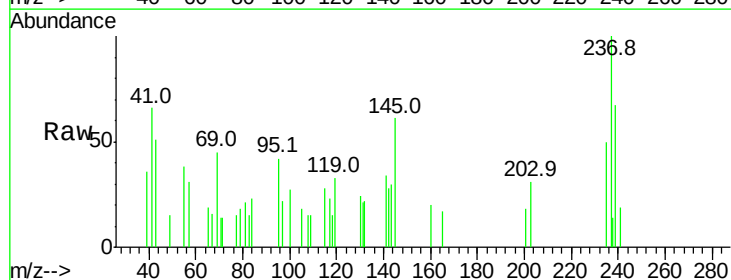
Tgt Ion:237 Resp: 2066

Ion Ratio Lower Upper

237 100

235 49.5 42.6 82.6

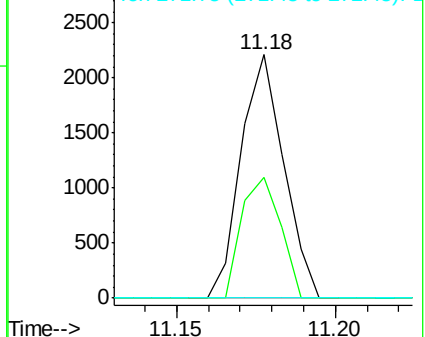
272 0.0 0.0 31.9

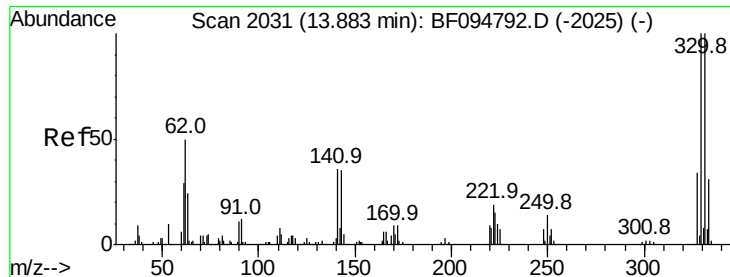


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

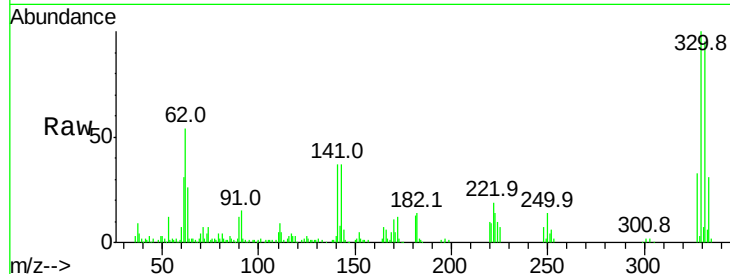




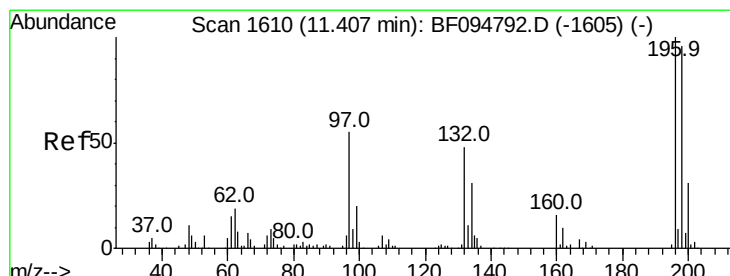
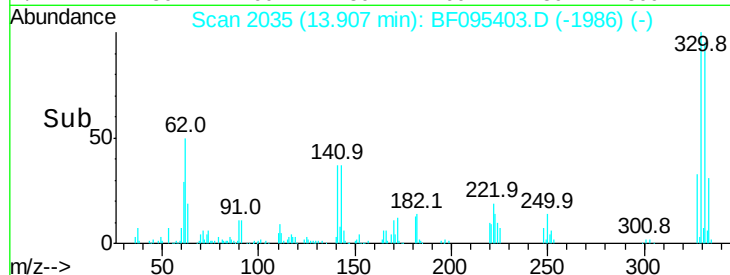
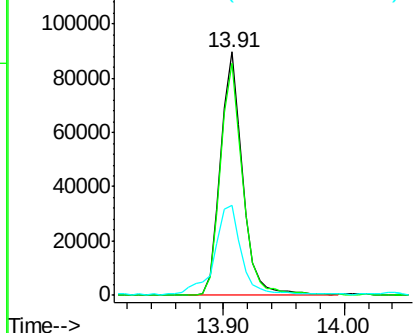
#41
 2,4,6-Tribromophenol
 Concen: 111.43 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 113201
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 45.9 31.4 47.2

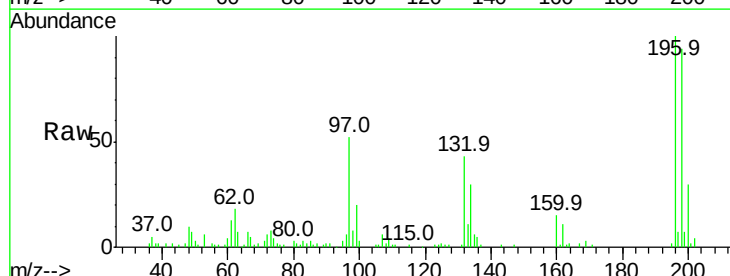


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

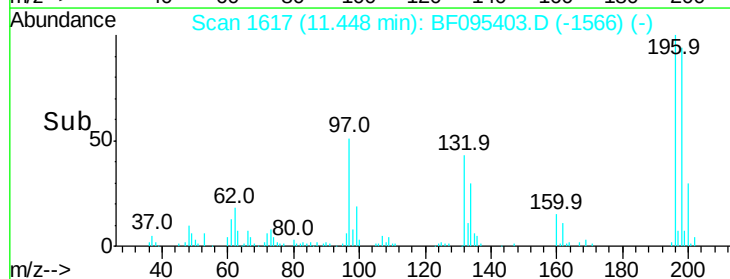
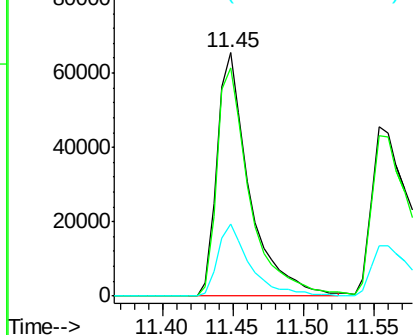


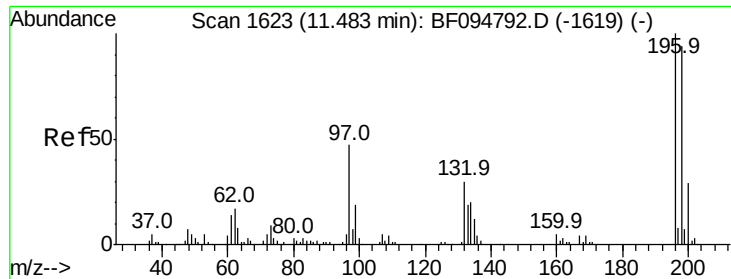
#42
 2,4,6-Trichlorophenol
 Concen: 41.03 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:196 Resp: 104513
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.2 111.4
 200 29.8 24.0 36.0



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

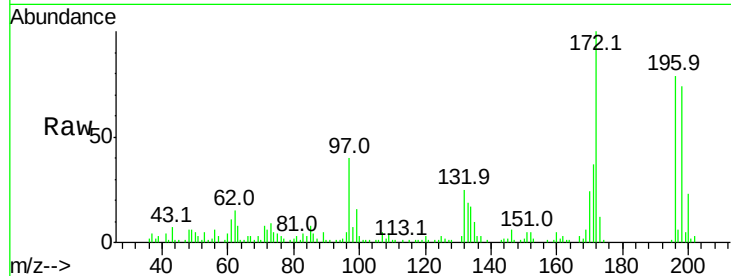




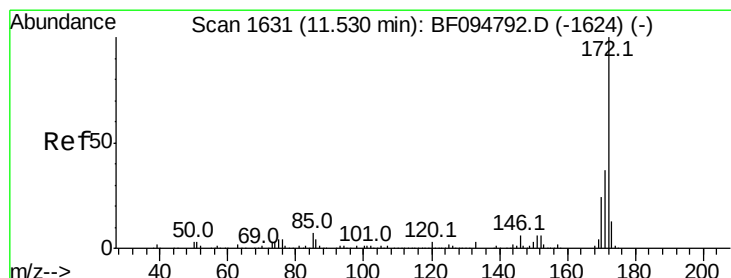
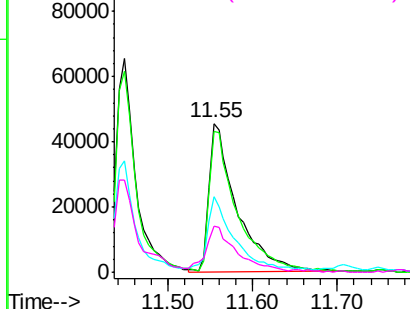
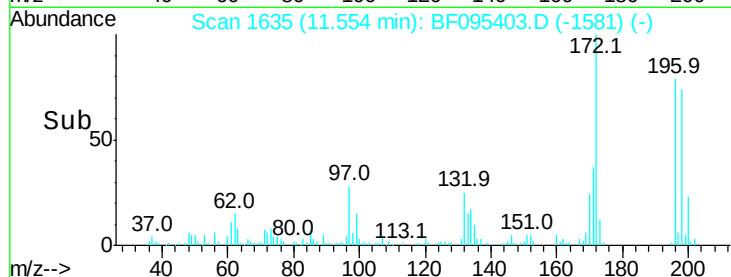
#43
 2,4,5-Trichlorophenol
 Concen: 38.19 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. 0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	104554
Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
97	50.8	47.7	71.5
132	31.4	28.0	42.0

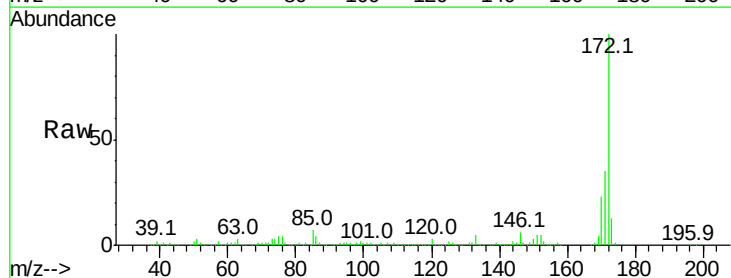


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

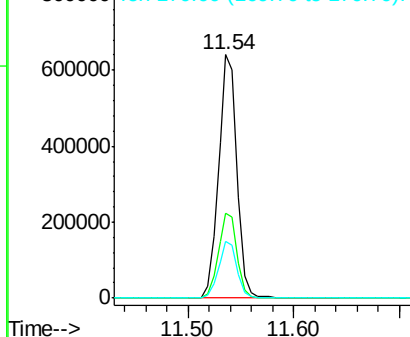
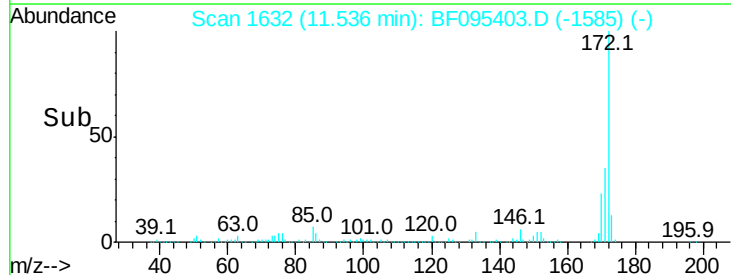


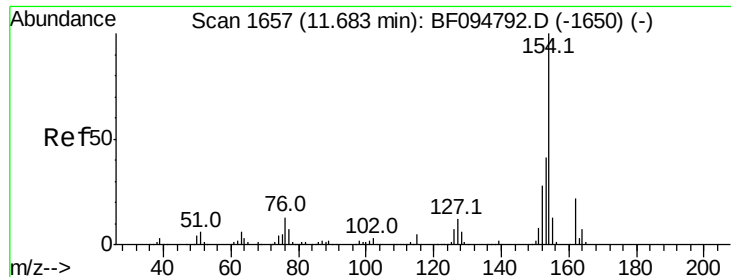
#44
 2-Fluorobiphenyl
 Concen: 90.47 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:	172	Resp:	779696
Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.1	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 45.11 ng

RT: 11.69 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

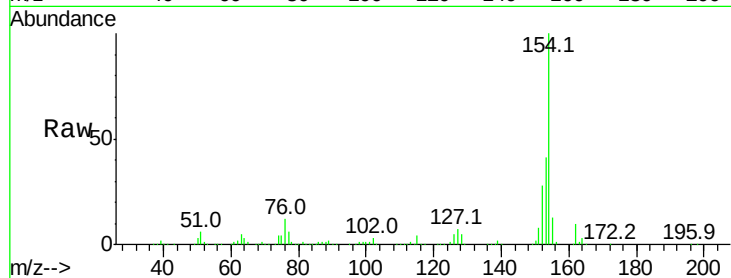
Tot Ion:154 Resp: 471099

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

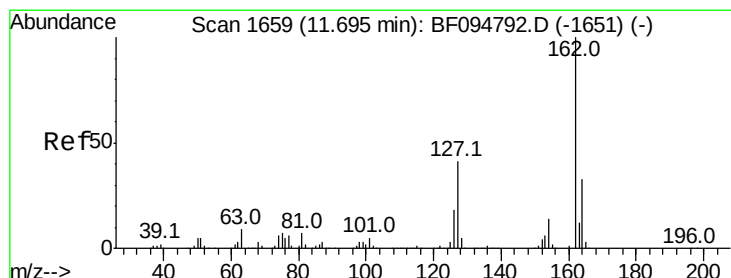
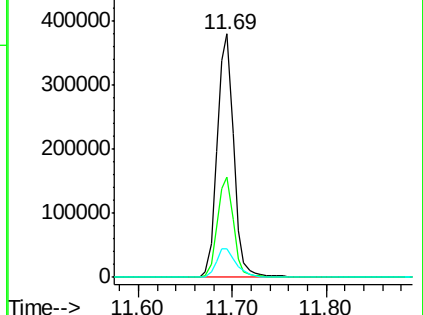
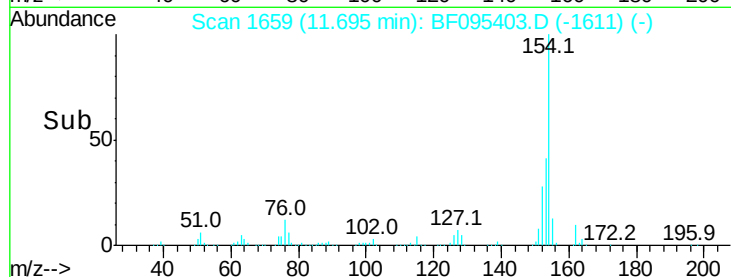
76 11.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.80 ng

RT: 11.71 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

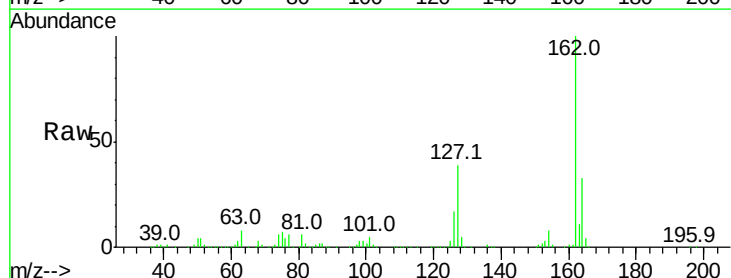
Tgt Ion:162 Resp: 360955

Ion Ratio Lower Upper

162 100

127 39.3 28.3 42.5

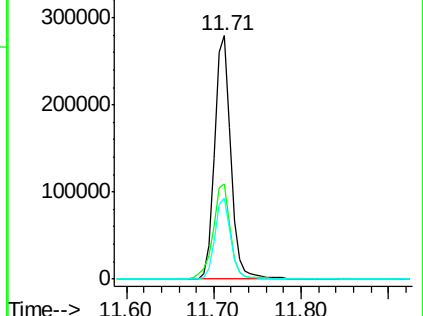
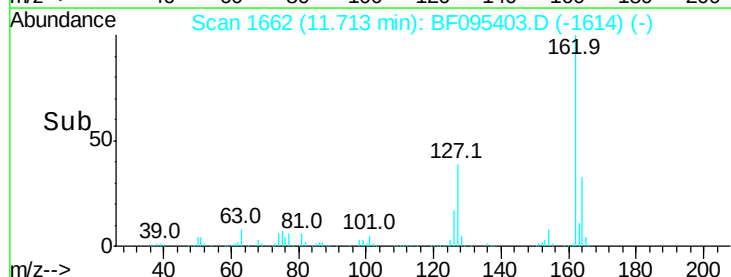
164 33.1 27.0 40.4

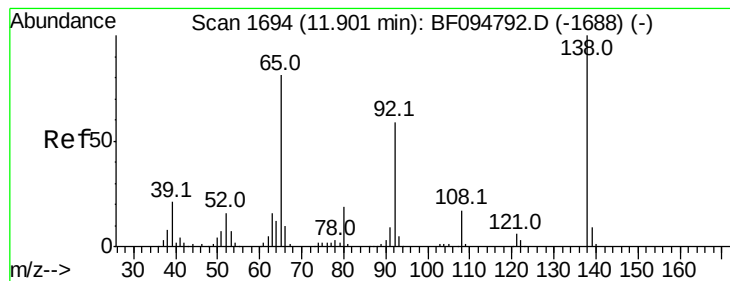


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.28 ng

RT: 11.94 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampled :

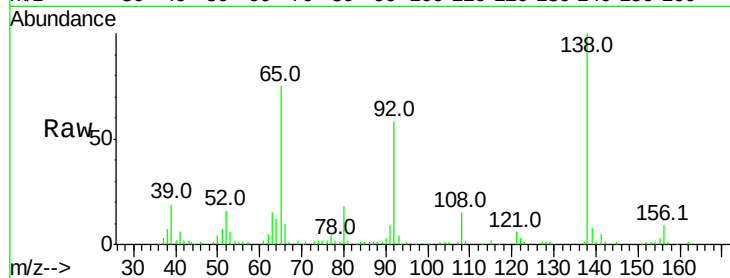
Tot Ion: 65 Resp: 104512

Ion Ratio Lower Upper

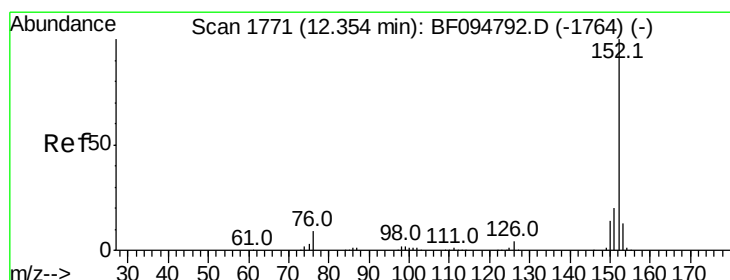
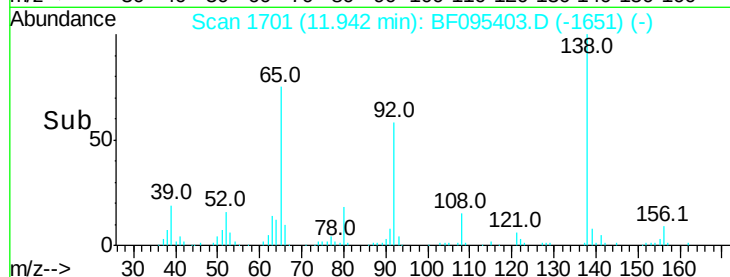
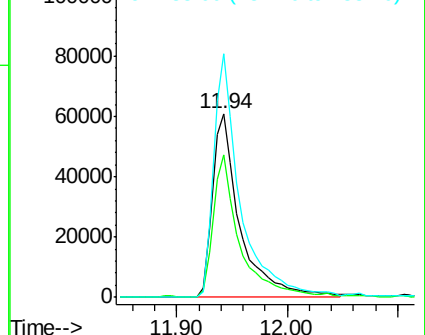
65 100

92 77.5 53.9 80.9

138 132.6 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: 43.38 ng

RT: 12.37 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

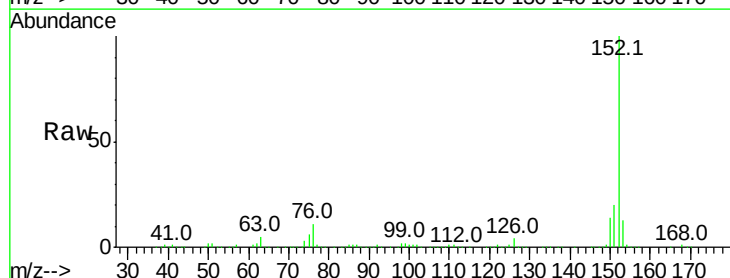
Tgt Ion:152 Resp: 572927

Ion Ratio Lower Upper

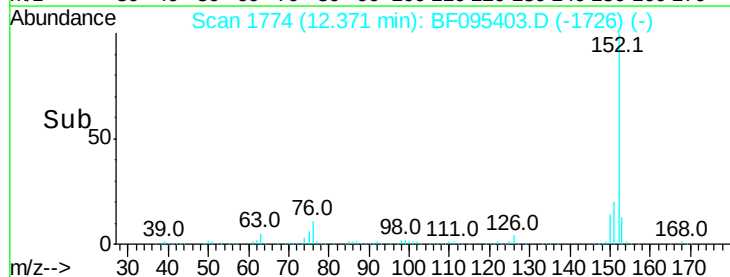
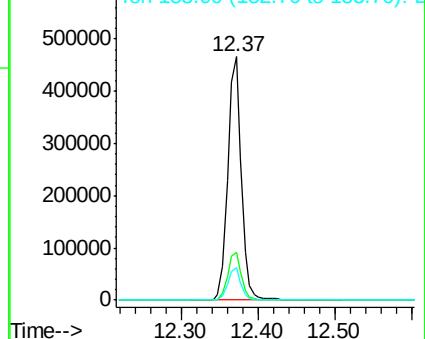
152 100

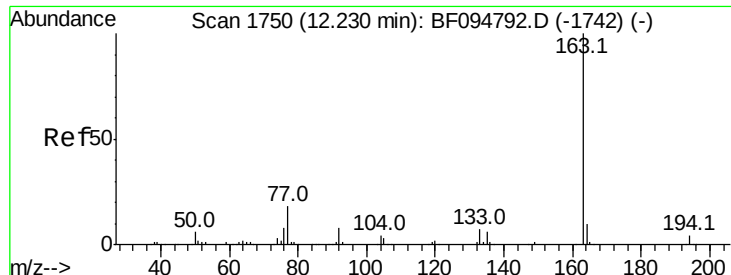
151 19.9 16.8 25.2

153 13.2 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: 53.29 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampled :

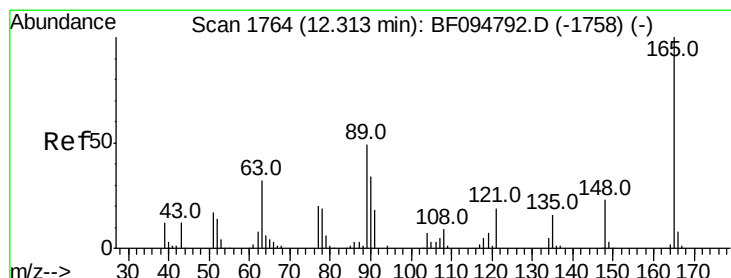
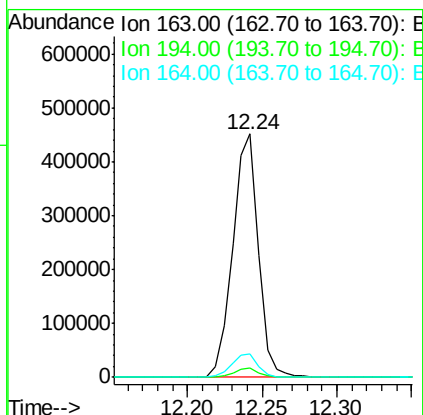
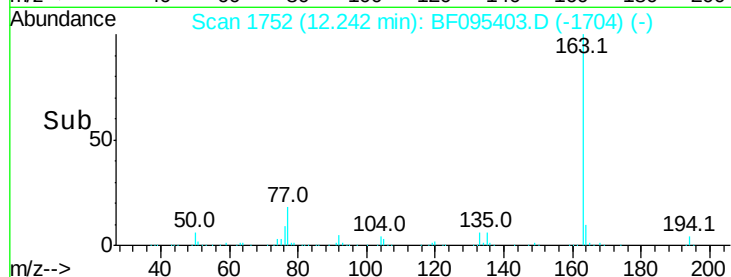
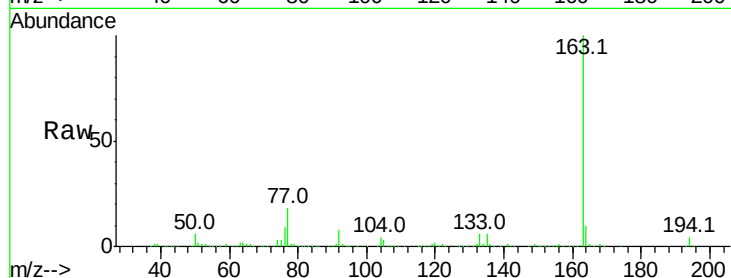
Tot Ion:163 Resp: 542715

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

164 9.8 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 32.83 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

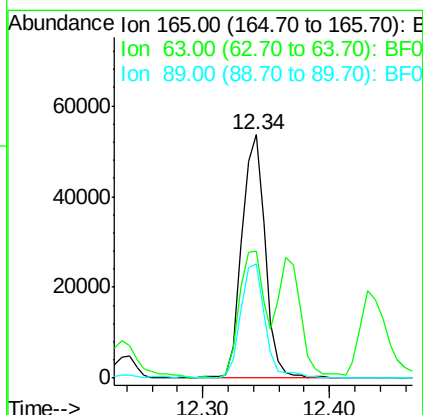
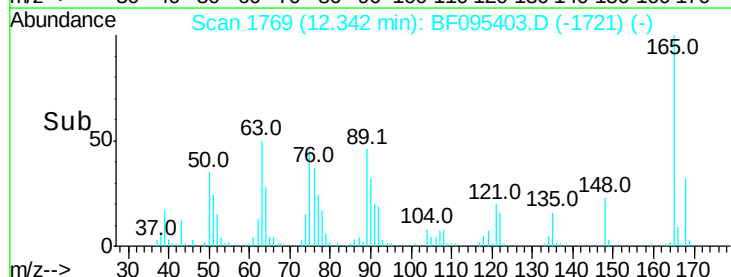
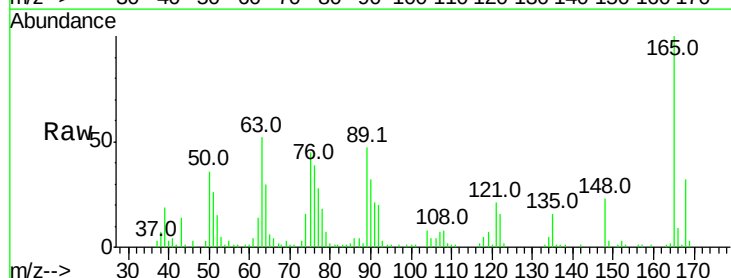
Tgt Ion:165 Resp: 68209

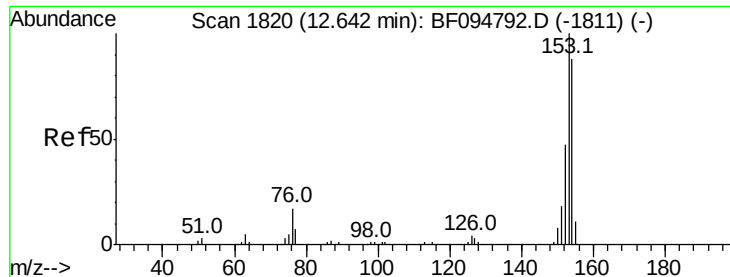
Ion Ratio Lower Upper

165 100

63 52.3 34.3 51.5#

89 46.8 37.1 55.7





#51

Acenaphthene

Concen: 43.47 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

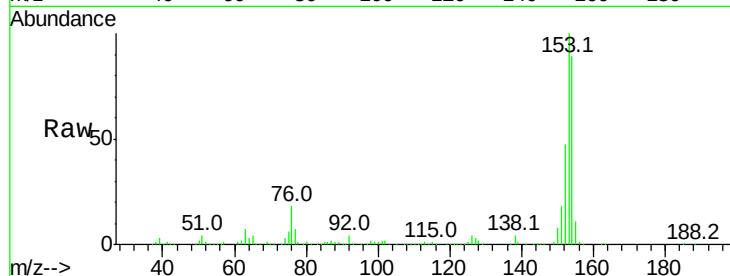
Tot Ion:154 Resp: 342955

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

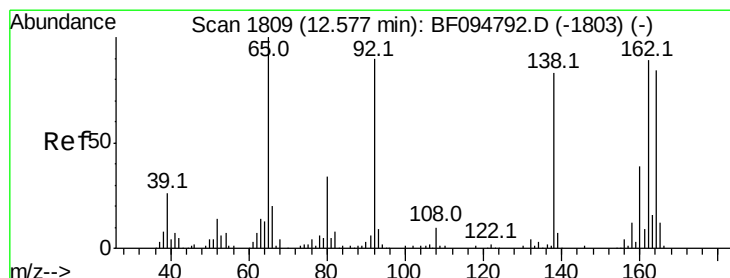
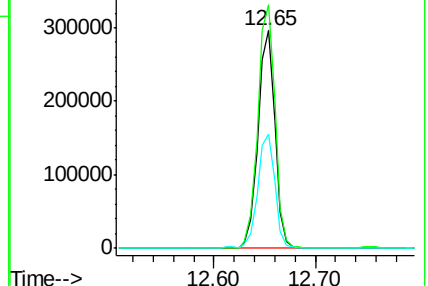
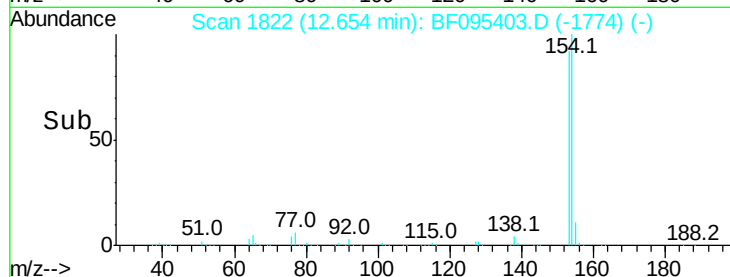
152 52.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.52 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

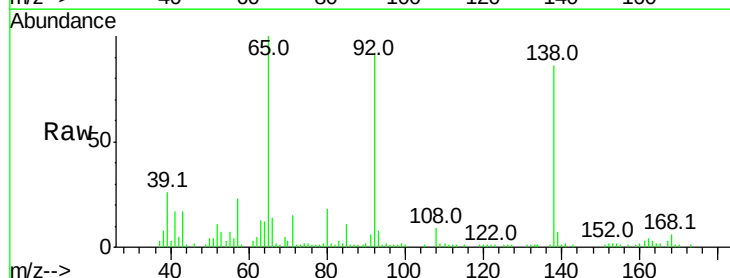
Tgt Ion:138 Resp: 94814

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

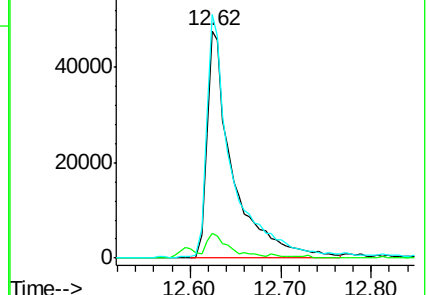
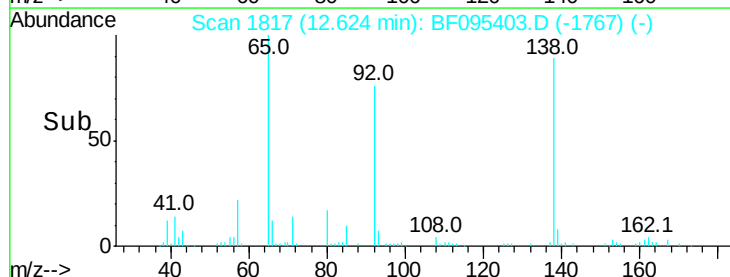
92 107.2 93.8 140.6

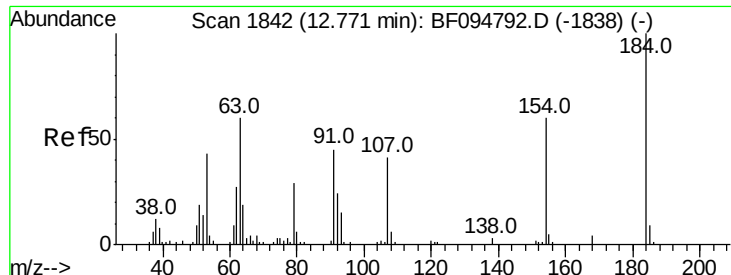


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

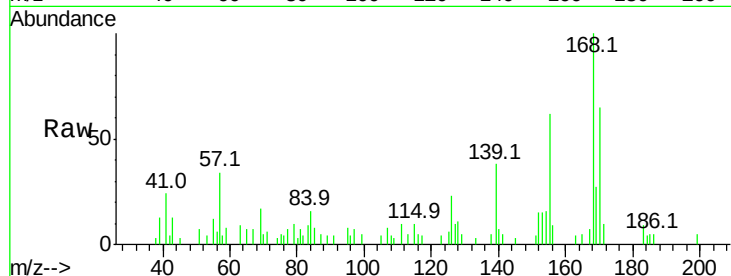




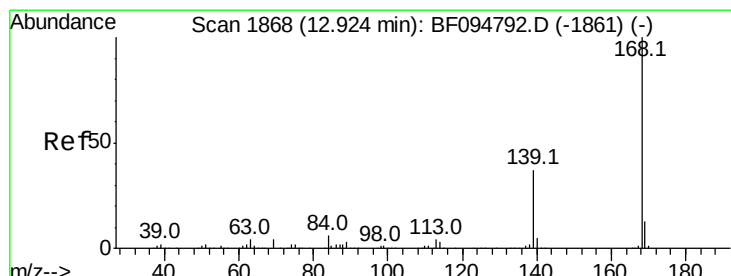
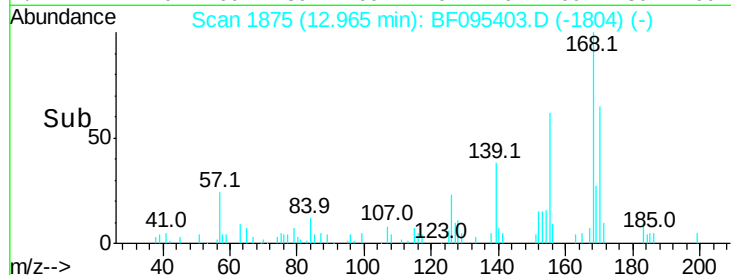
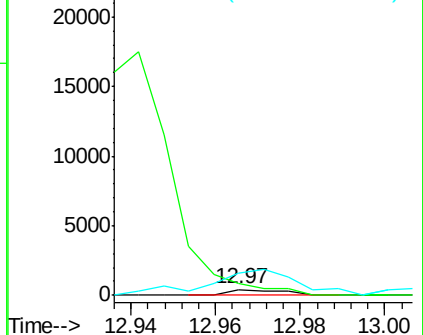
#53
 2,4-Dinitrophenol
 Concen: 6.55 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.12 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 373
 Ion Ratio Lower Upper
 184 100
 63 214.6 62.7 94.1#
 154 395.1 81.1 121.7#

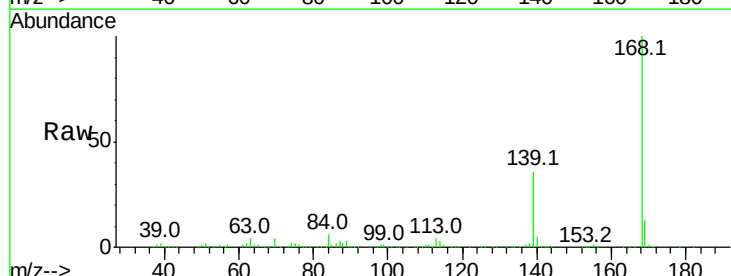


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

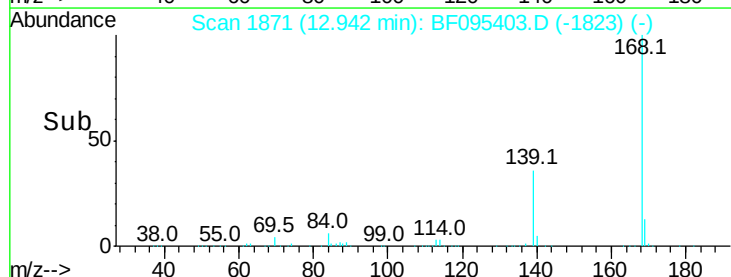
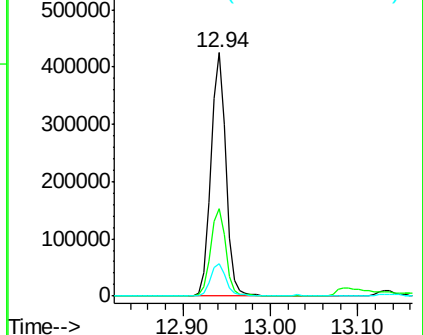


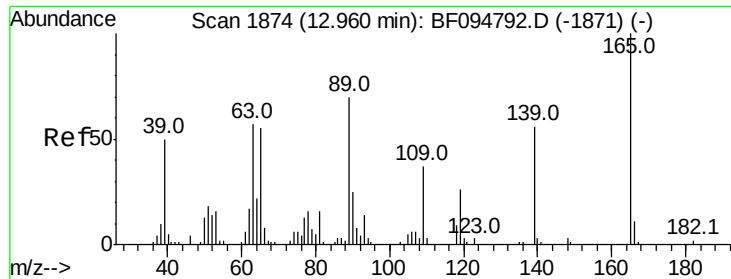
#54
 Dibenzofuran
 Concen: 46.65 ng
 RT: 12.94 min Scan# 1871
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:168 Resp: 509328
 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

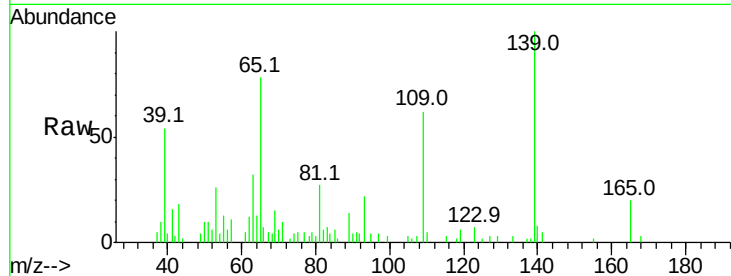




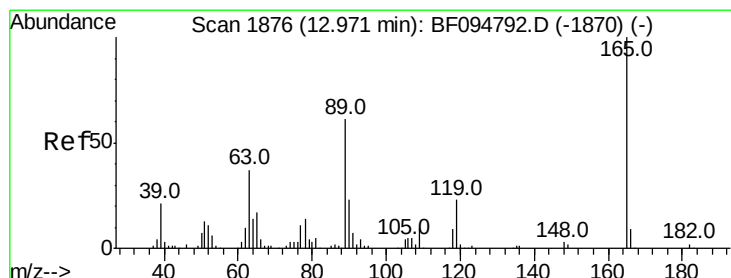
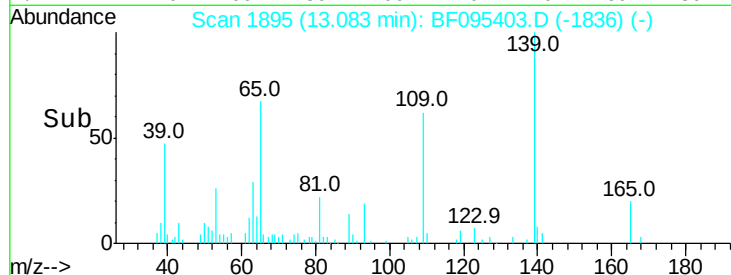
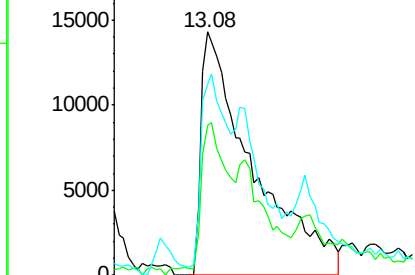
#55
4-Nitrophenol
Concen: 48.40 ng
RT: 13.08 min Scan# 1895
Delta R.T. 0.05 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 64822
Ion Ratio Lower Upper
139 100
109 61.8 34.1 74.1
65 78.4 31.4 71.4#

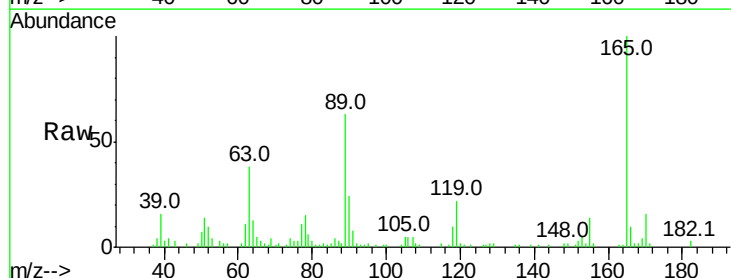


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

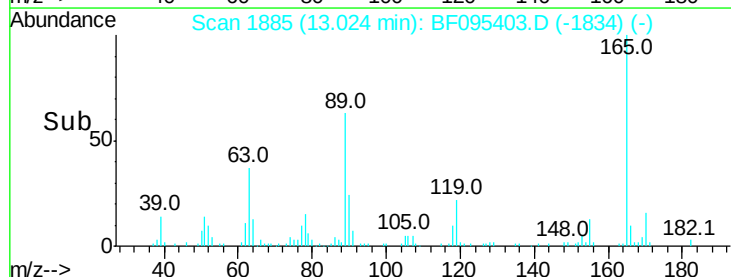
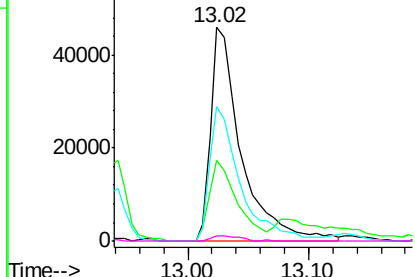


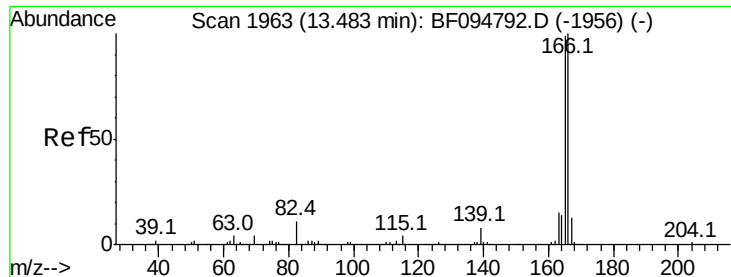
#56
2,4-Dinitrotoluene
Concen: 29.97 ng
RT: 13.02 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion:165 Resp: 79996
Ion Ratio Lower Upper
165 100
63 37.5 25.4 38.0
89 62.8 46.4 69.6
182 2.5 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

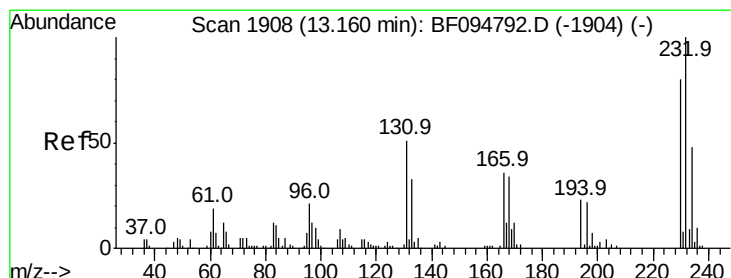
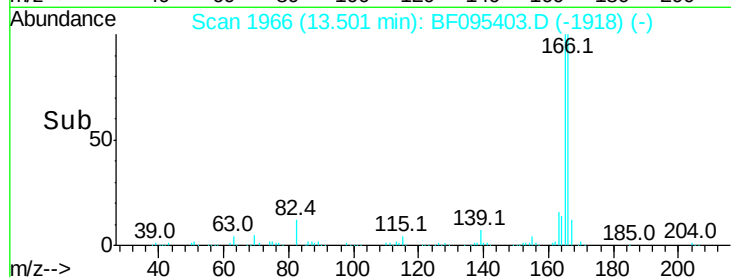
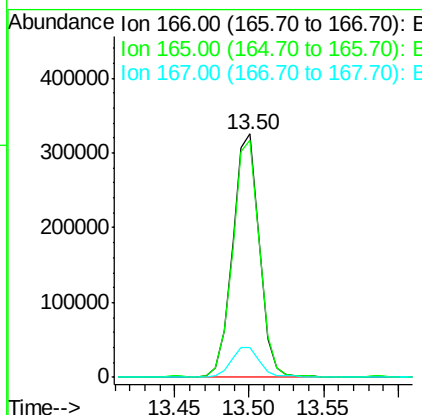
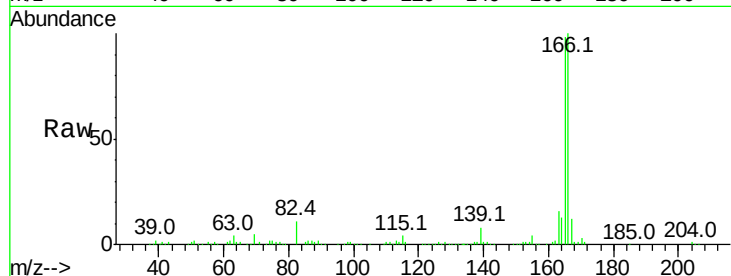




#57
 Fluorene
 Concen: 42.68 ng
 RT: 13.50 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

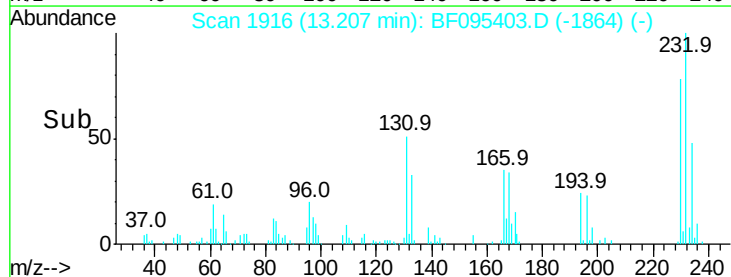
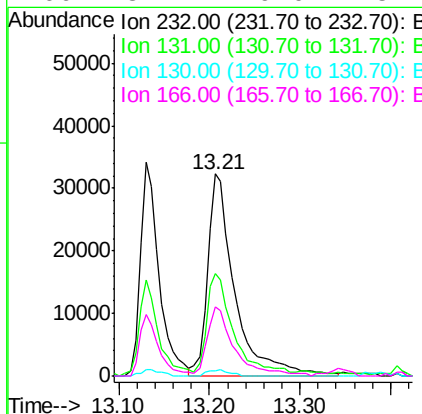
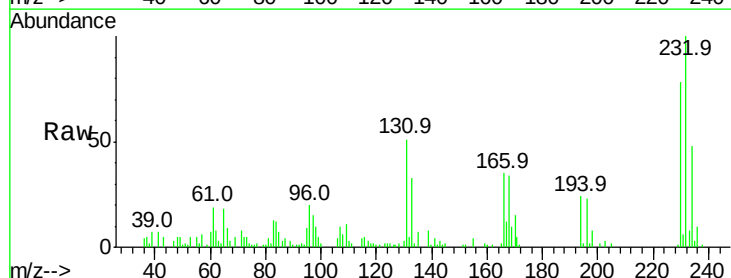
Instrument :
 BNA_F
 ClientSampleId :

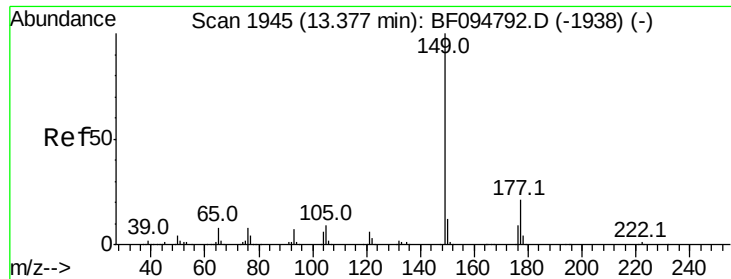
Tot Ion:166 Resp: 405140
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.8 118.2
 167 12.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.15 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:232 Resp: 67448
 Ion Ratio Lower Upper
 232 100
 131 46.5 44.8 67.2
 130 2.6 2.3 3.5
 166 34.1 29.0 43.4





#59

Diethylphthalate

Concen: 31.13 ng

RT: 13.41 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

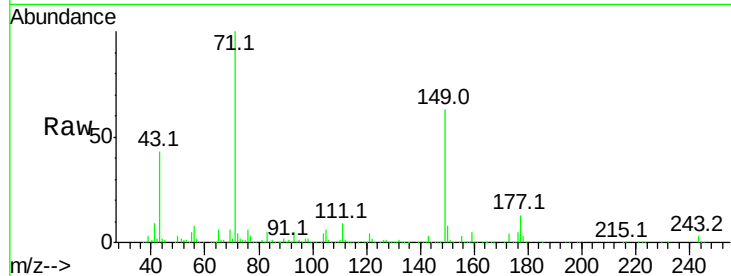
Tot Ion:149 Resp: 303870

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

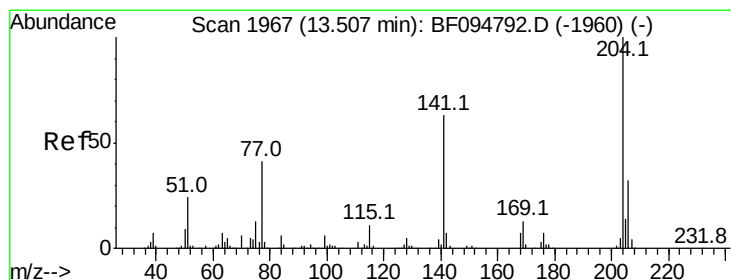
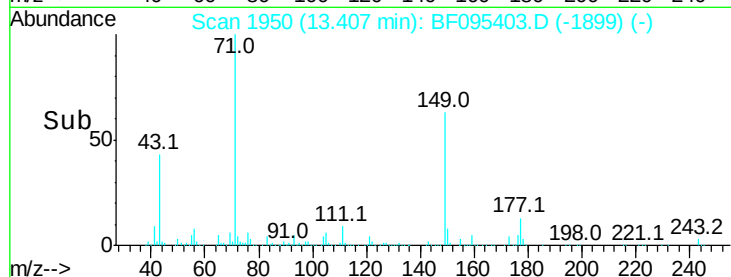
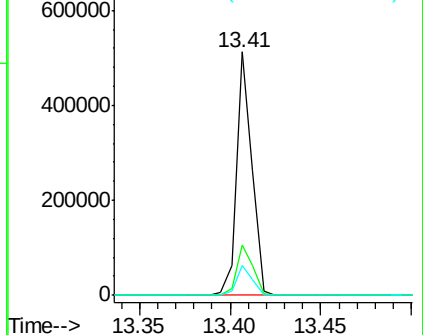
150 12.3 10.2 15.2



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: 40.24 ng

RT: 13.52 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

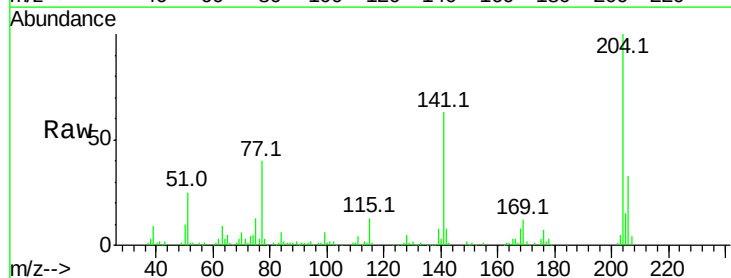
Tgt Ion:204 Resp: 167886

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

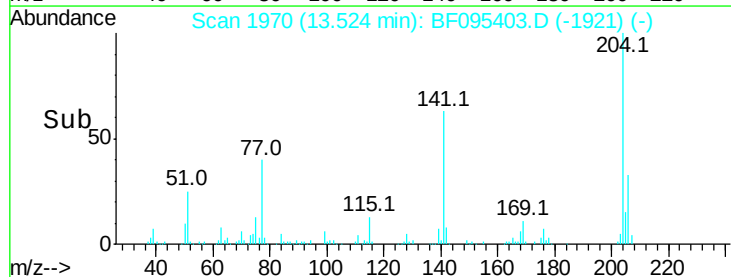
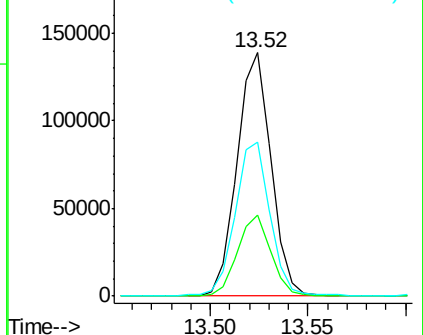
141 63.2 60.8 91.2

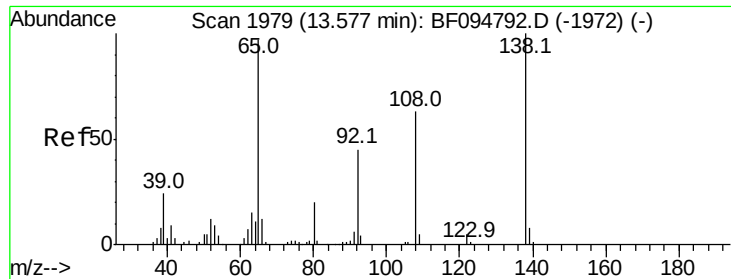


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

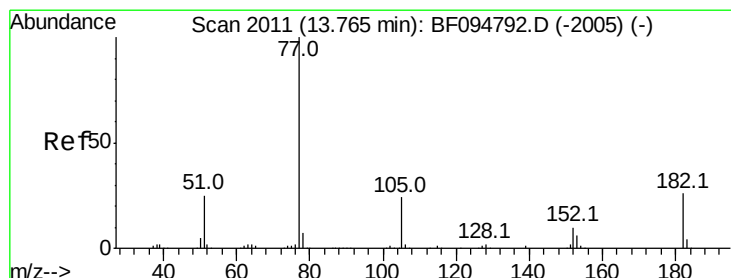
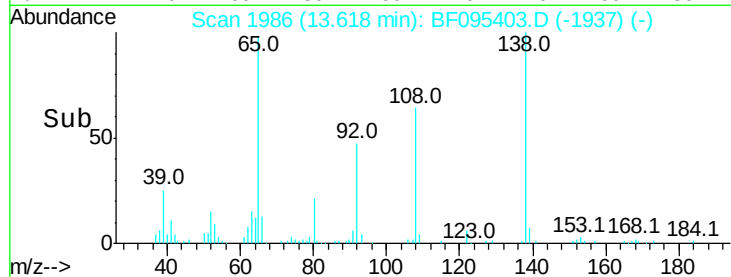
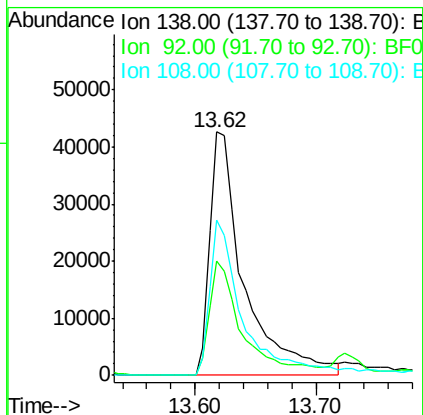
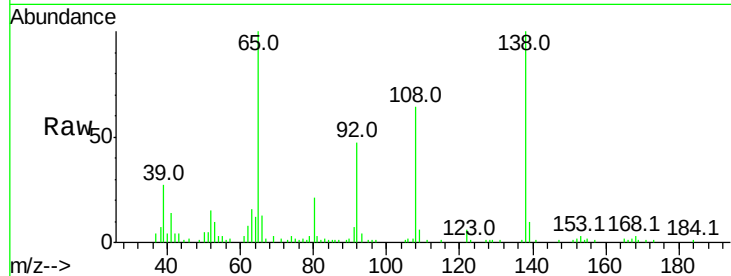




#61
4-Nitroaniline
Concen: 40.99 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

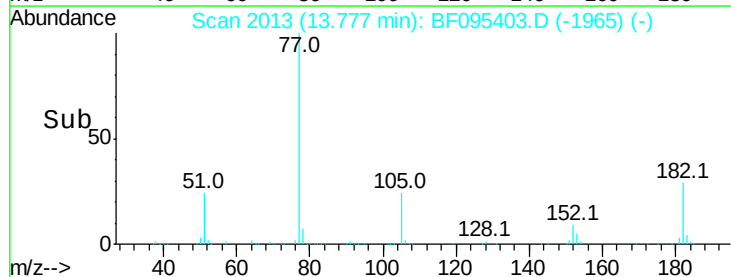
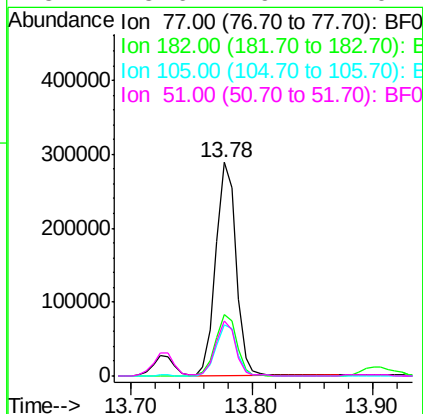
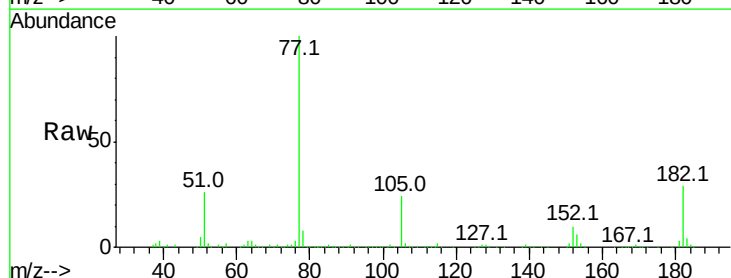
Instrument :
BNA_F
ClientSampleId :

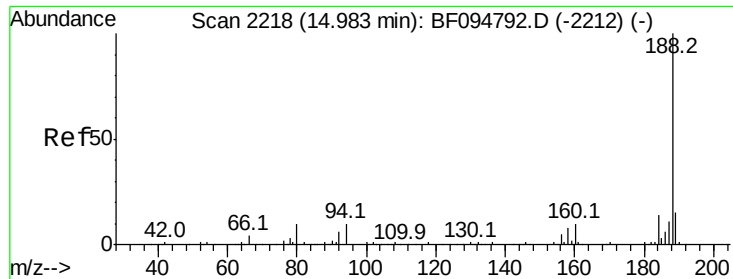
Tot Ion:138 Resp: 83918
Ion Ratio Lower Upper
138 100
92 46.8 21.8 61.8
108 63.7 42.3 82.3



#62
Azobenzene
Concen: 42.25 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion: 77 Resp: 331346
Ion Ratio Lower Upper
77 100
182 28.8 0.1 40.1
105 24.1 3.6 43.6
51 25.6 9.4 49.4

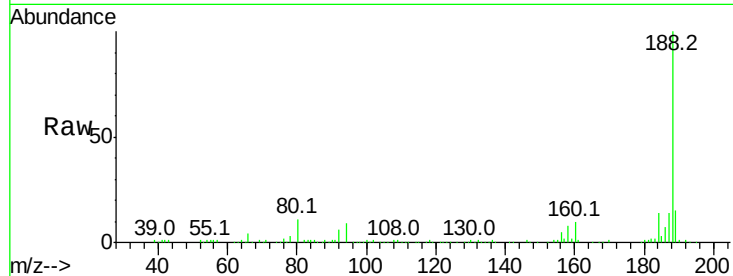




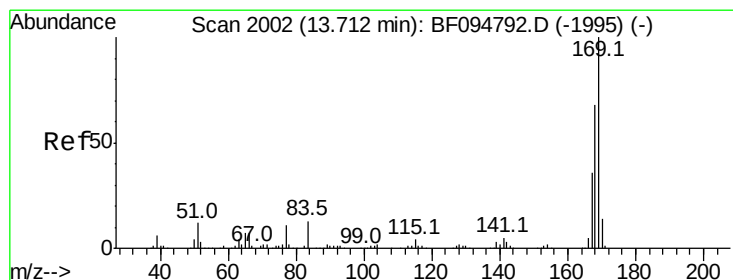
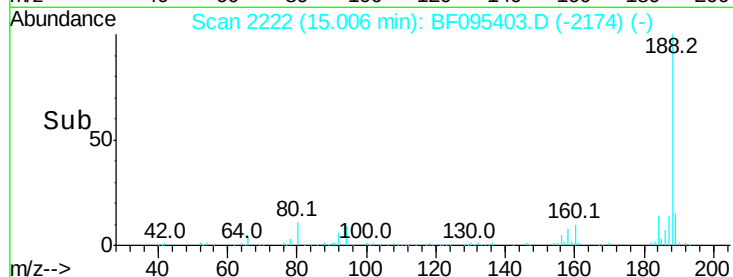
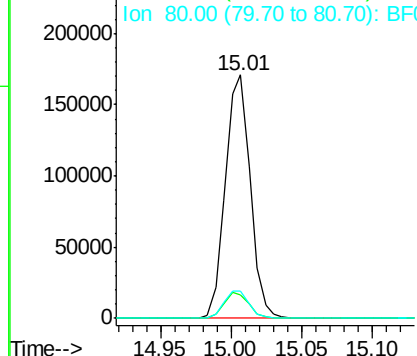
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 209990
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.4 14.2
 80 11.3 10.2 15.2

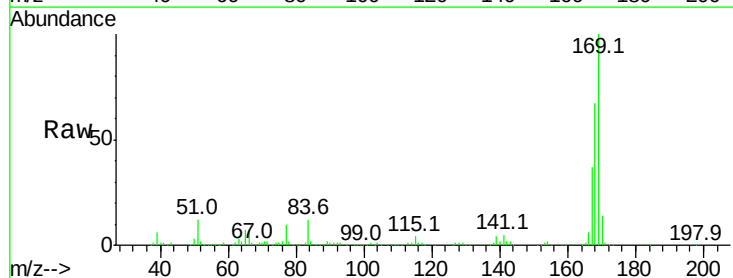


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

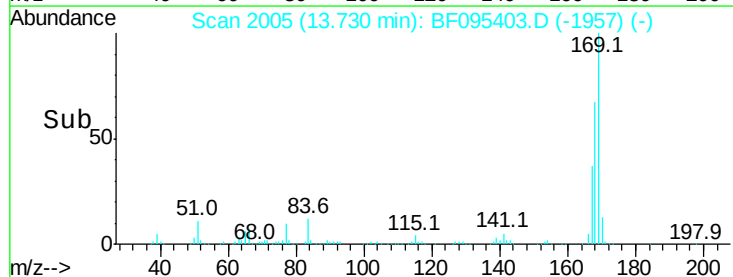
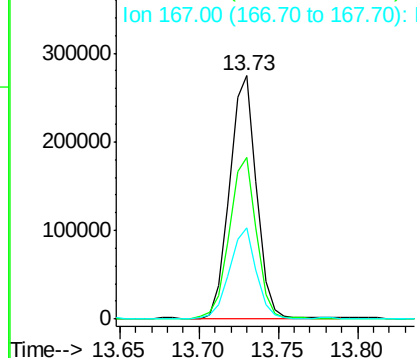


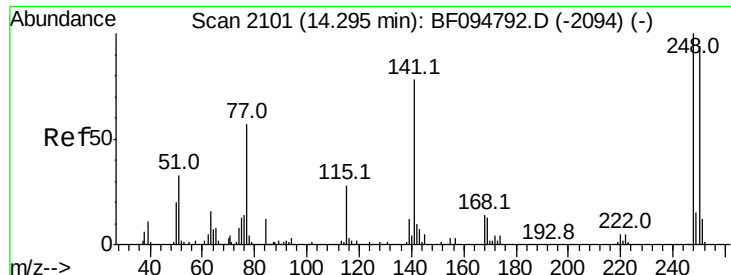
#65
 n-Nitrosodiphenylamine
 Concen: 42.19 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:169 Resp: 321514
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.2 79.8
 167 37.3 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

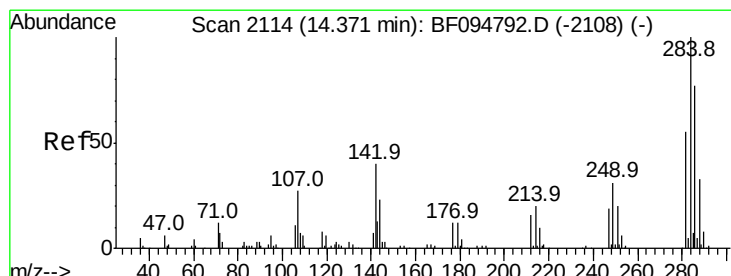
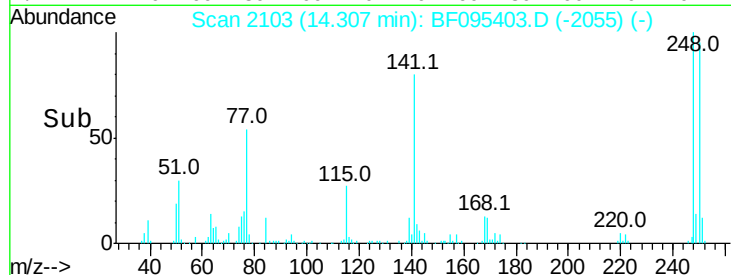
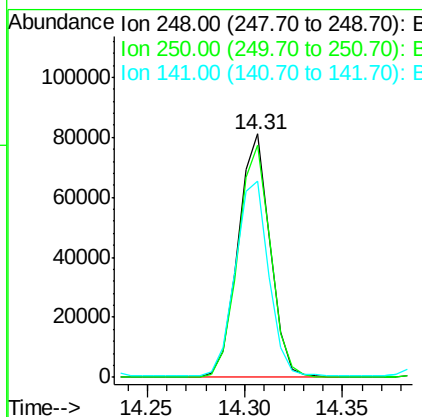
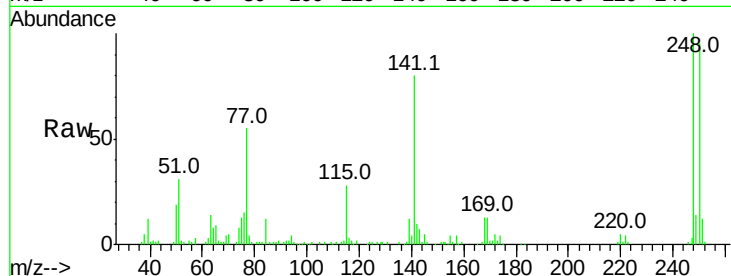




#66
 4-Bromophenyl-phenylether
 Concen: 41.50 ng
 RT: 14.31 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

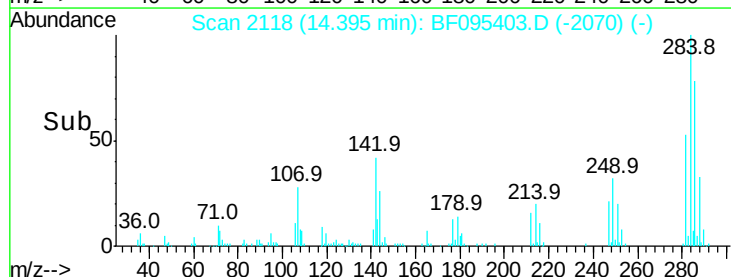
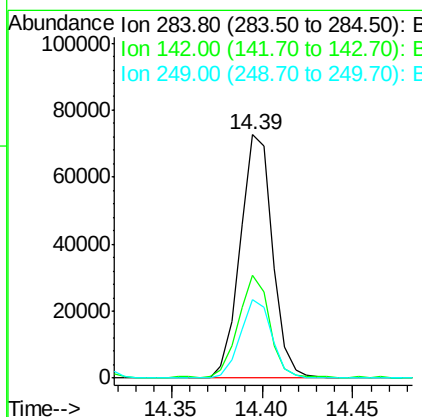
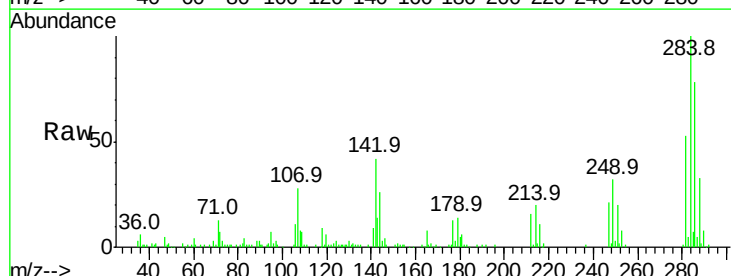
Instrument :
 BNA_F
 ClientSampleId :

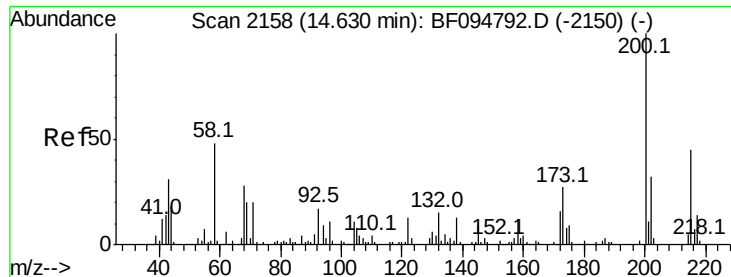
Tot Ion:248 Resp: 92058
 Ion Ratio Lower Upper
 248 100
 250 95.4 76.8 115.2
 141 80.4 68.6 103.0



#67
 Hexachlorobenzene
 Concen: 39.53 ng
 RT: 14.39 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:284 Resp: 89874
 Ion Ratio Lower Upper
 284 100
 142 42.2 22.8 34.2#
 249 32.1 24.0 36.0

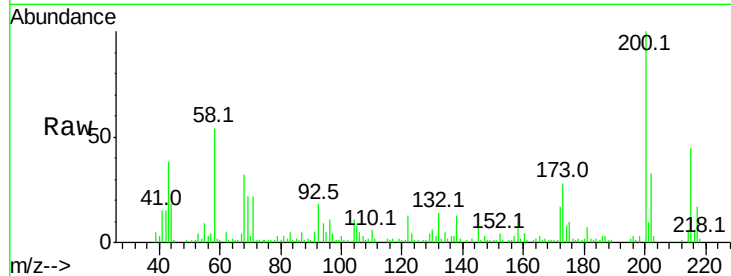




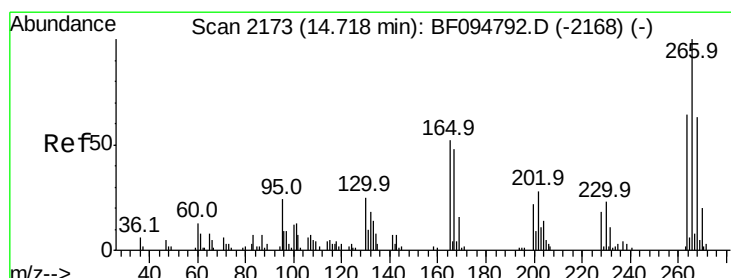
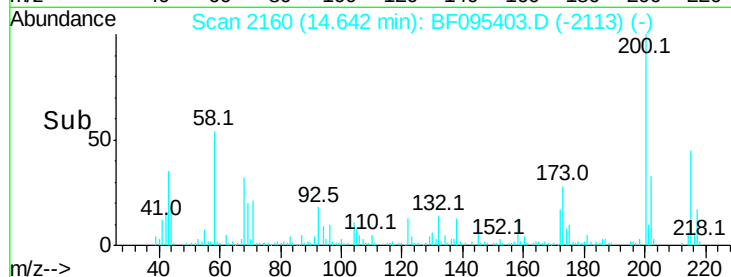
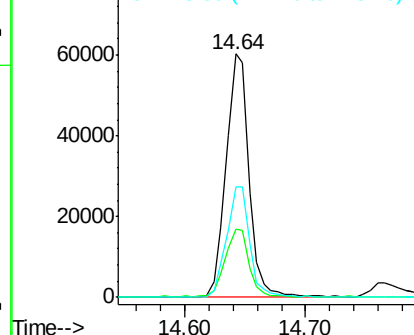
#68
Atrazine
Concen: 36.67 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 78906
Ion Ratio Lower Upper
200 100
173 28.1 6.3 46.3
215 45.3 27.2 67.2

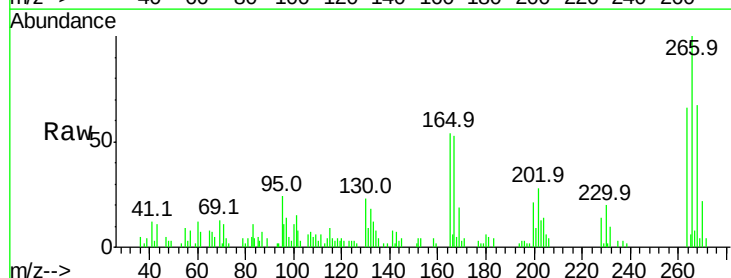


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

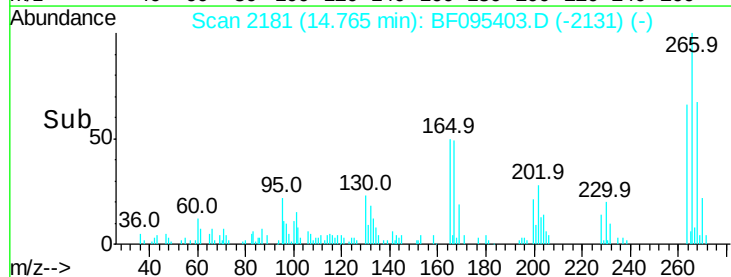
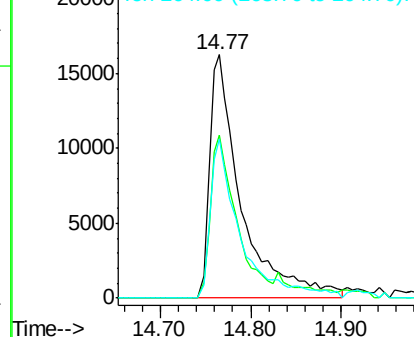


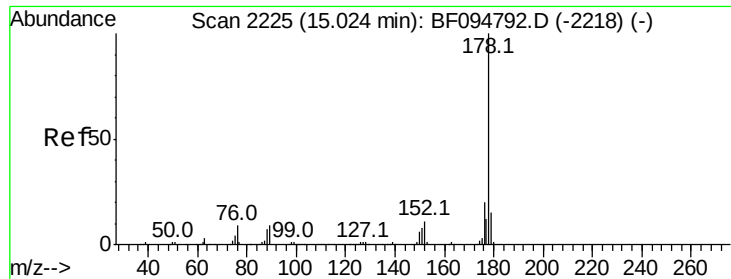
#69
Pentachlorophenol
Concen: 41.39 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion:266 Resp: 39410
Ion Ratio Lower Upper
266 100
268 66.9 51.1 76.7
264 65.5 51.7 77.5



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





#70

Phenanthrene

Concen: 79.58 ng

RT: 15.05 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

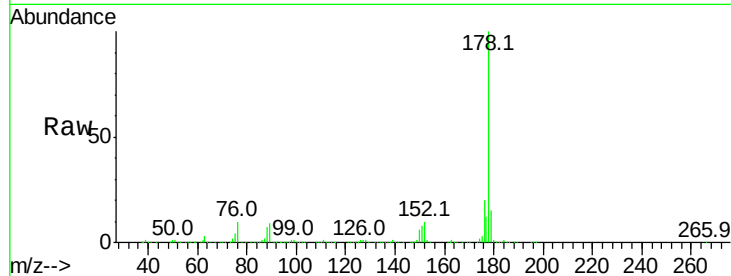
Tot Ion:178 Resp: 960173

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

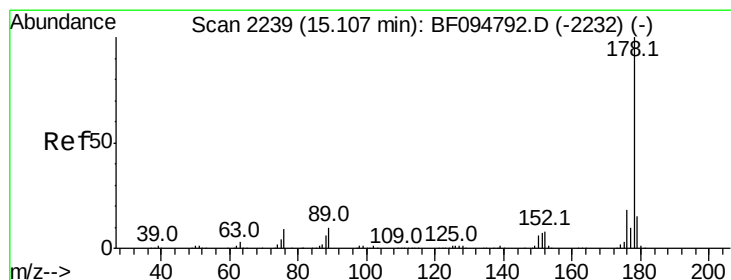
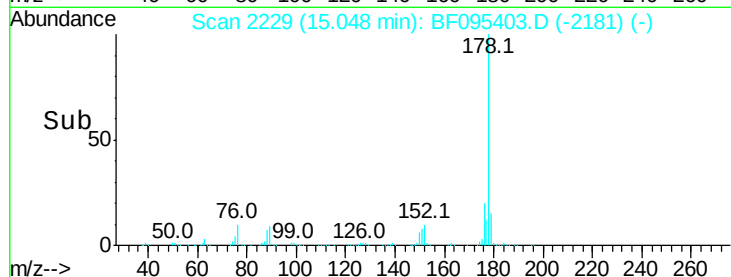
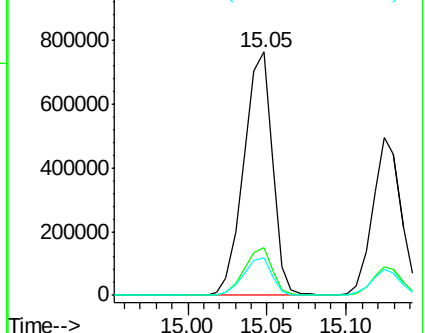
179 15.4 12.6 19.0



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: 50.45 ng

RT: 15.12 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

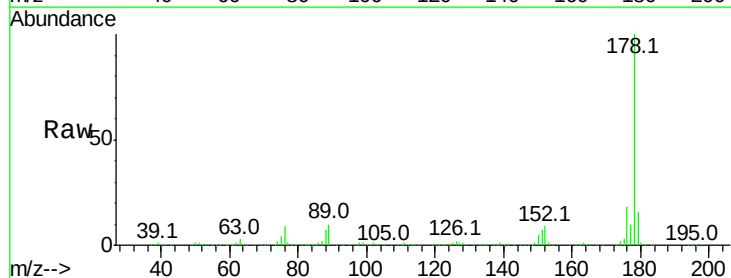
Tgt Ion:178 Resp: 621749

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

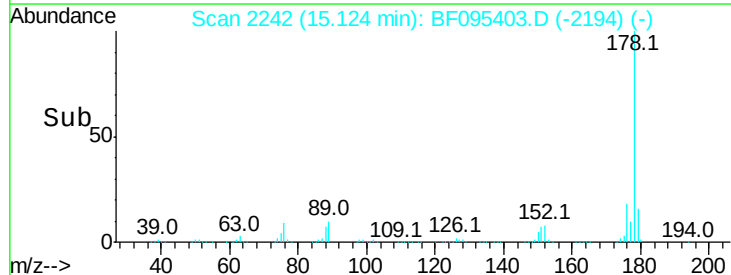
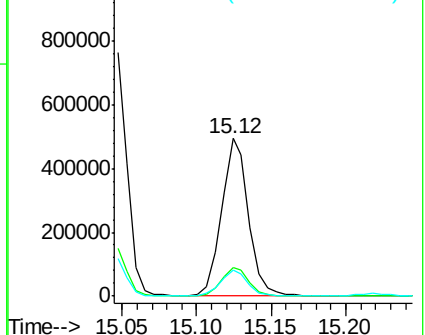
179 16.3 12.7 19.1

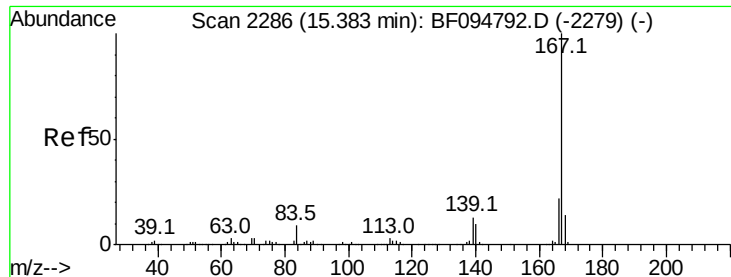


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 49.82 ng

RT: 15.41 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampled :

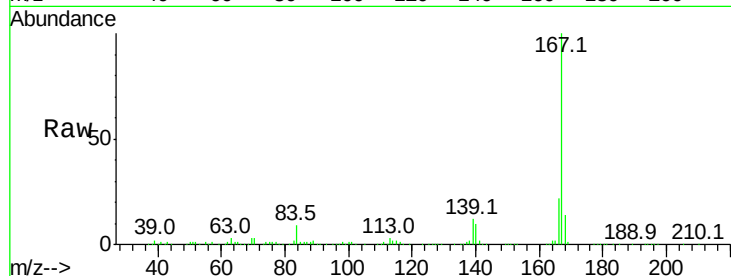
Tot Ion:167 Resp: 558621

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

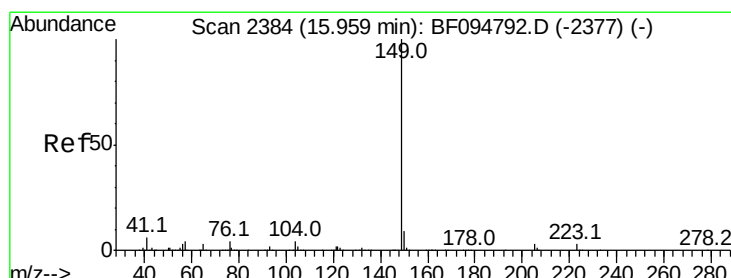
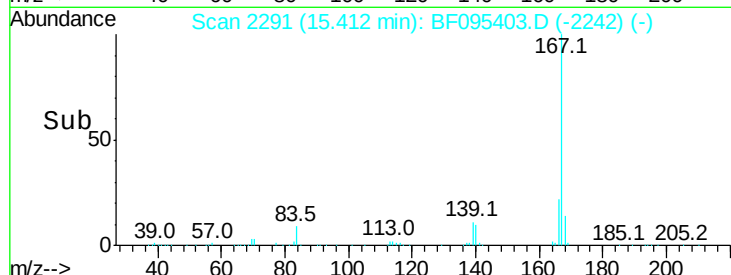
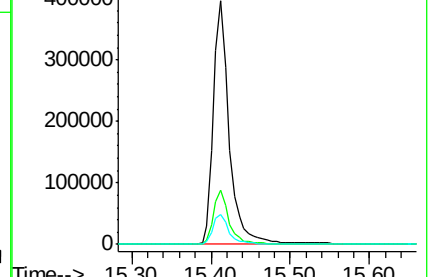
139 12.5 11.7 17.5



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: 44.17 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

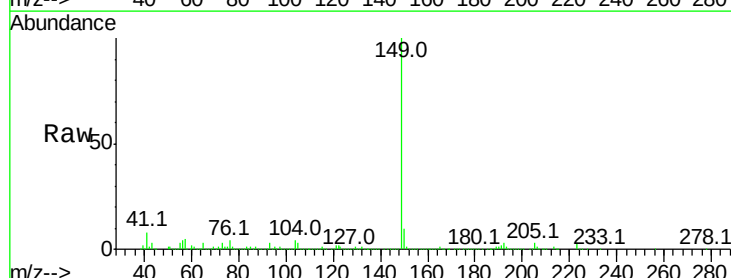
Tgt Ion:149 Resp: 617721

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

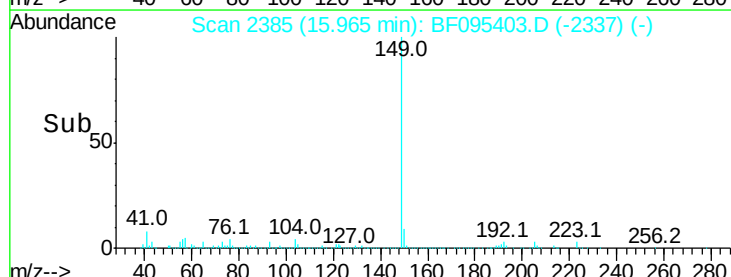
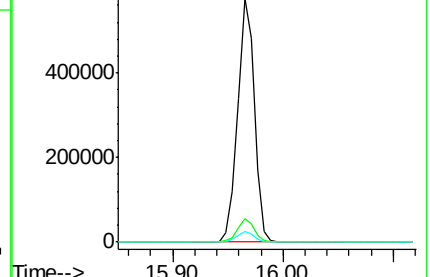
104 4.2 4.0 6.0

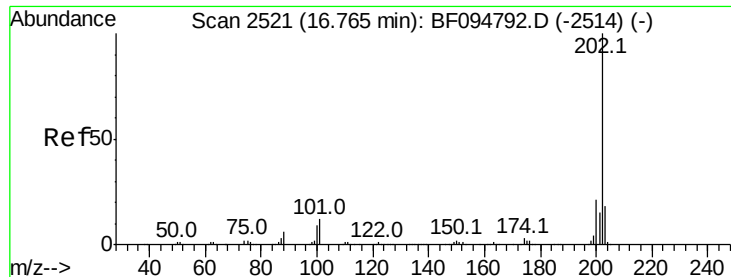


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 98.04 ng

RT: 16.79 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampled :

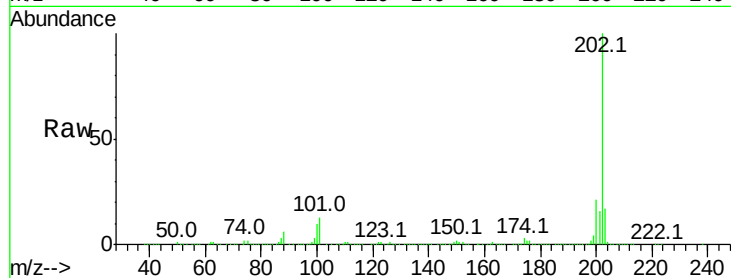
Tot Ion:202 Resp: 1213360

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

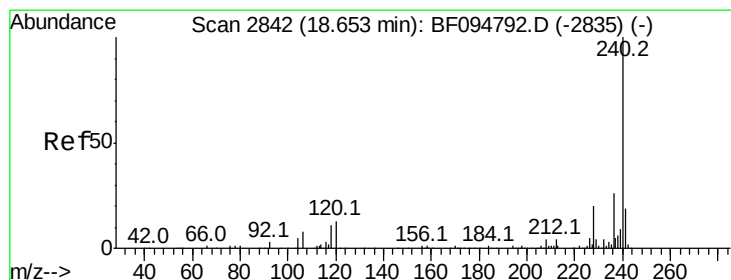
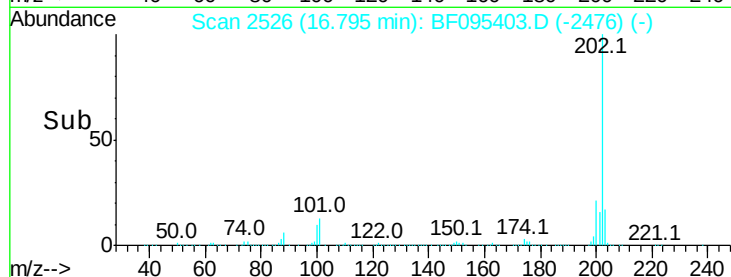
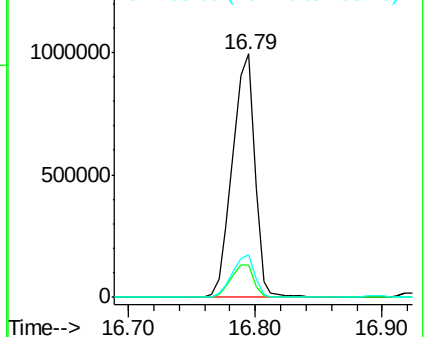
203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

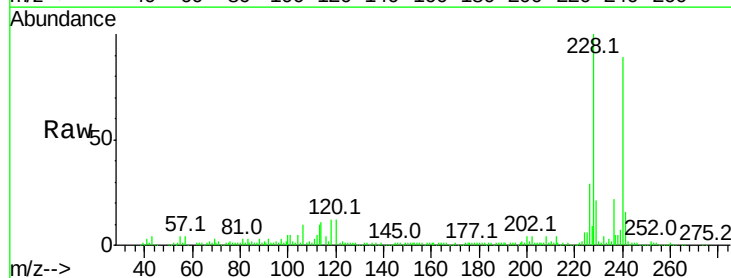
Tgt Ion:240 Resp: 175886

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

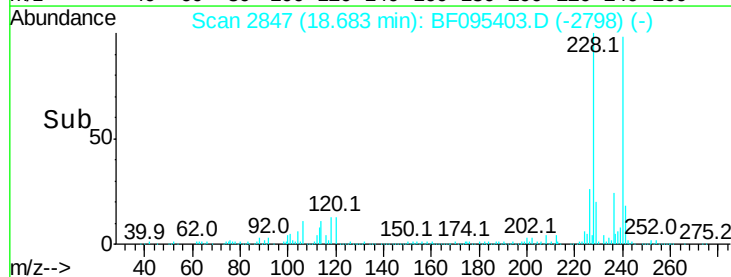
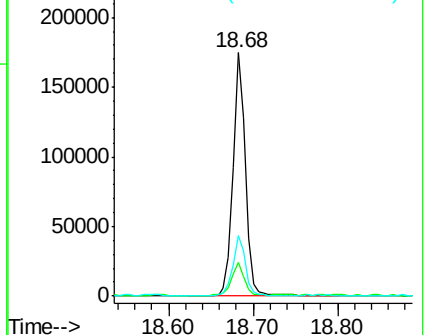
236 24.8 20.5 30.7

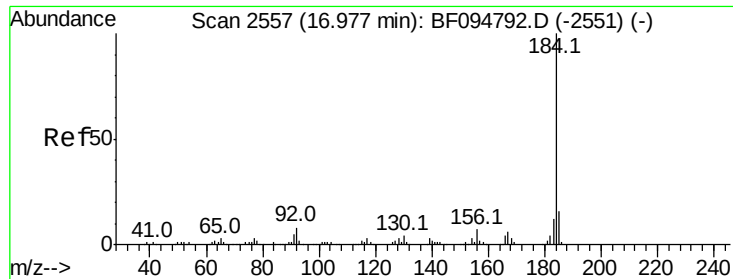


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 20.60 ng

RT: 17.02 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

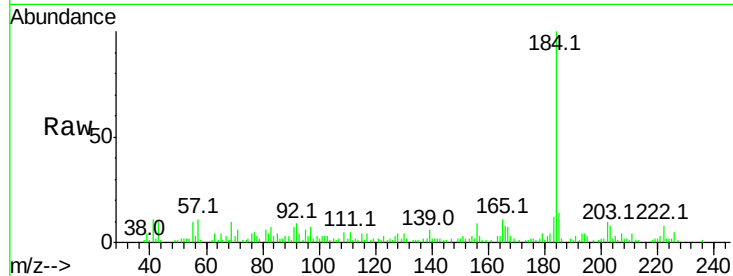
Tot Ion:184 Resp: 77270

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

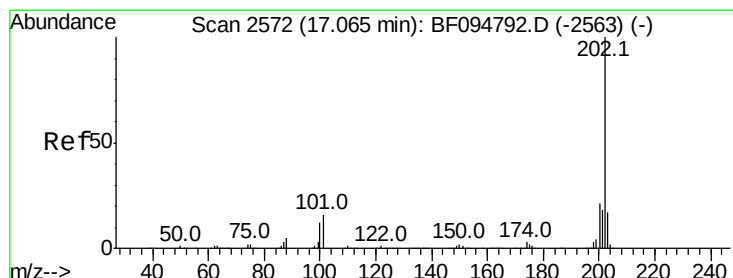
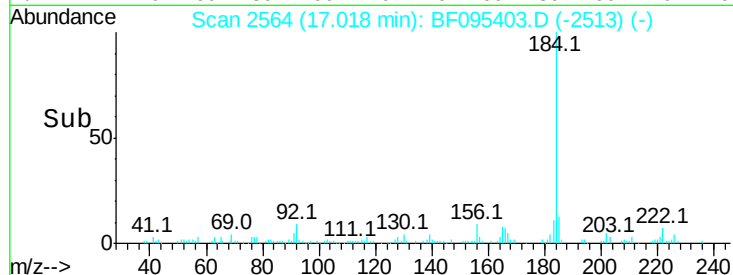
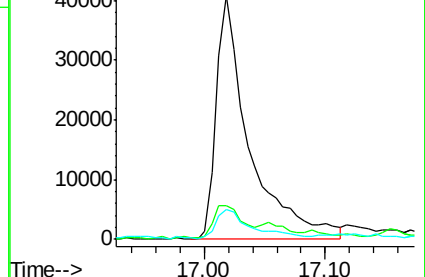
183 12.3 9.8 14.6



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: 85.34 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

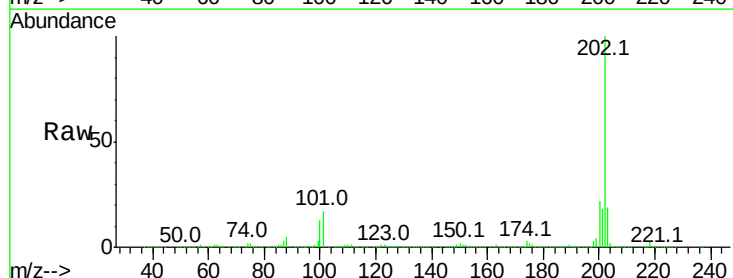
Tgt Ion:202 Resp: 1122568

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

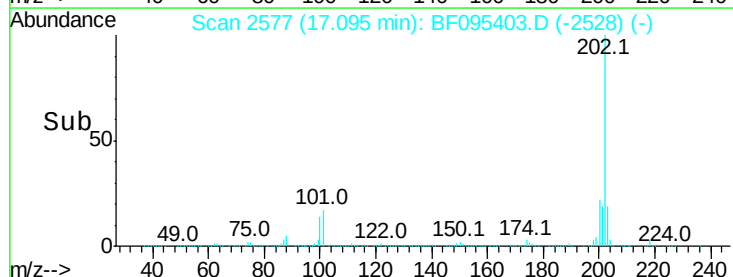
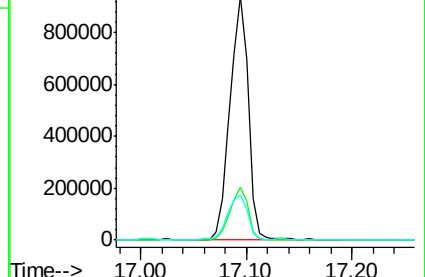
203 18.7 14.4 21.6

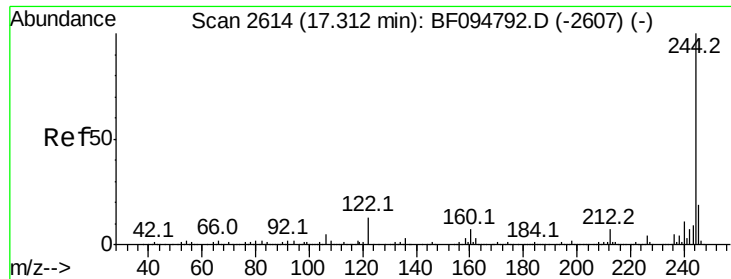


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

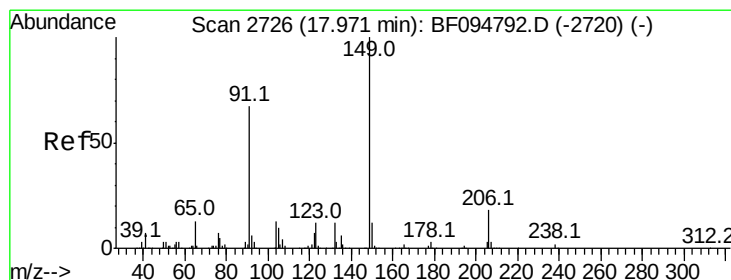
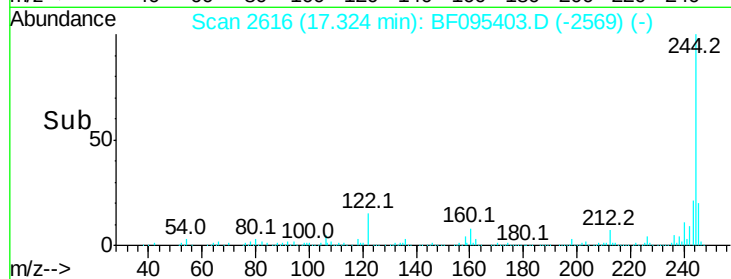
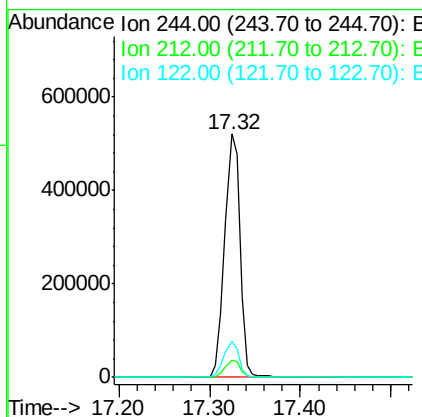
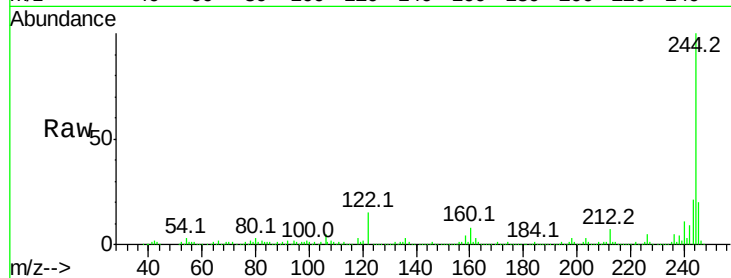




#78
 Terphenyl-d14
 Concen: 76.33 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

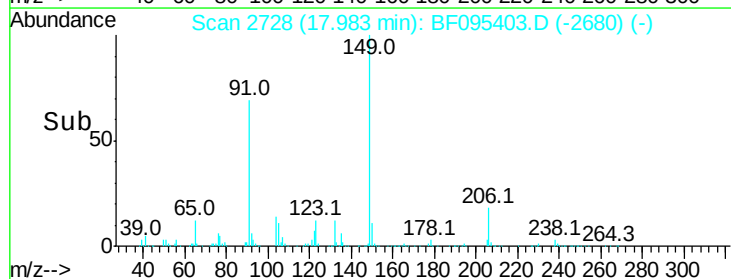
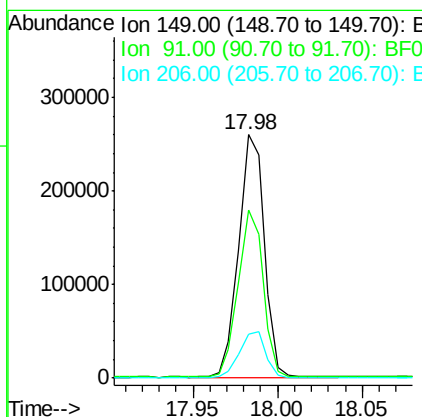
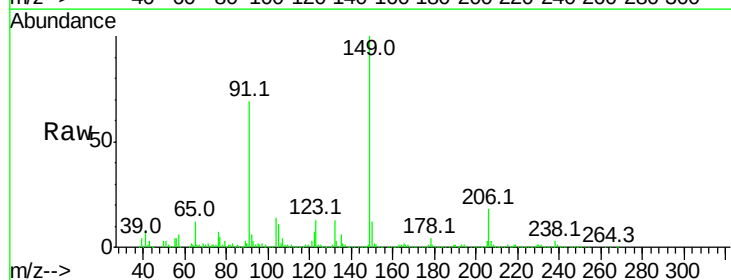
Instrument :
 BNA_F
 ClientSampleId :

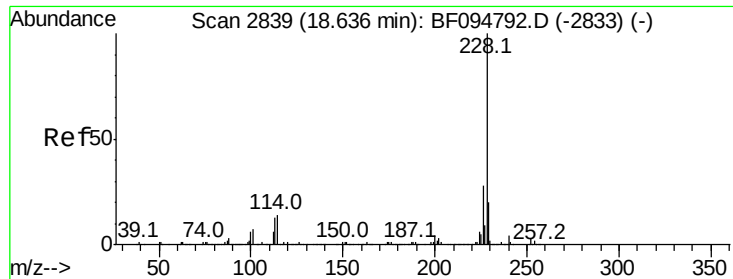
Tot Ion:244 Resp: 609526
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.8 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 45.03 ng
 RT: 17.98 min Scan# 2728
 Delta R.T. -0.02 min
 Lab File: BF095403.D
 Acq: 24 May 2017 22:43

Tgt Ion:149 Resp: 275494
 Ion Ratio Lower Upper
 149 100
 91 69.0 45.0 67.4#
 206 18.3 17.0 25.6

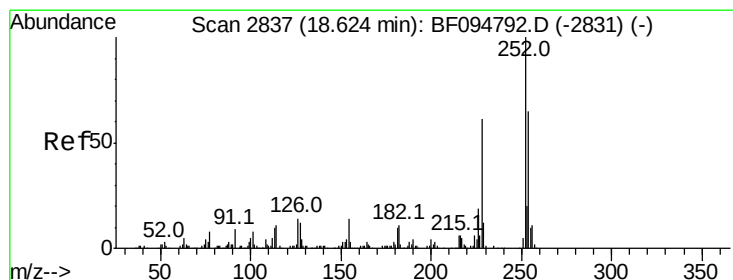
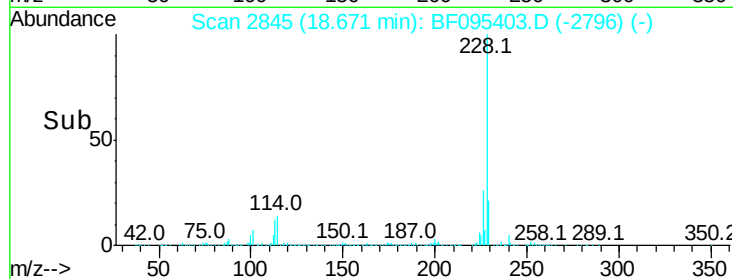
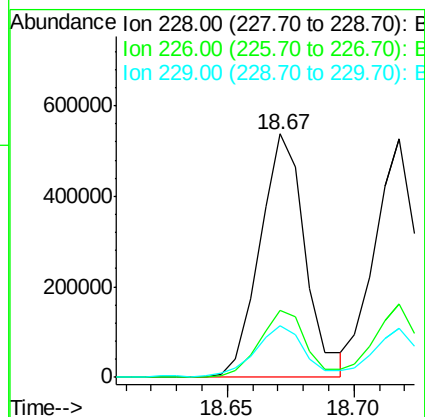
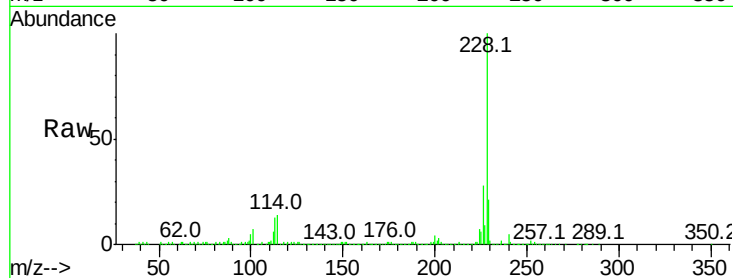




#80
Benzo(a)anthracene
Concen: 65.39 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

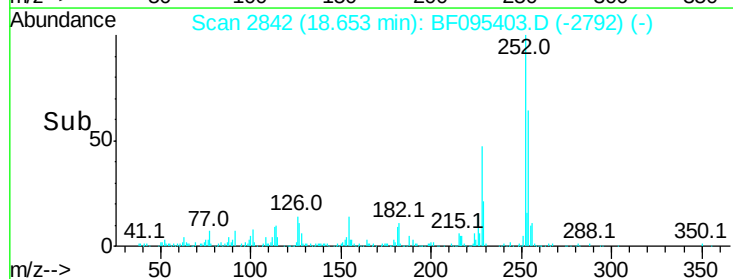
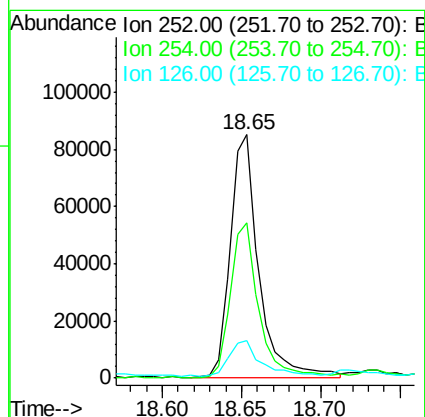
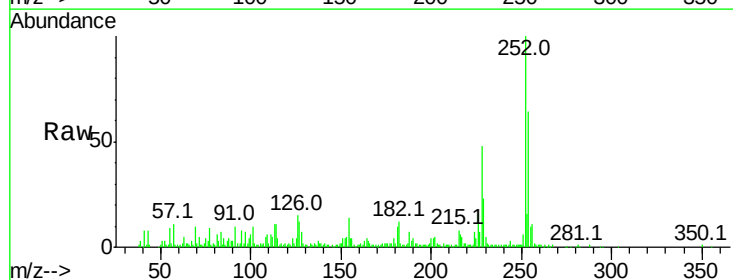
Instrument :
BNA_F
ClientSampleId :

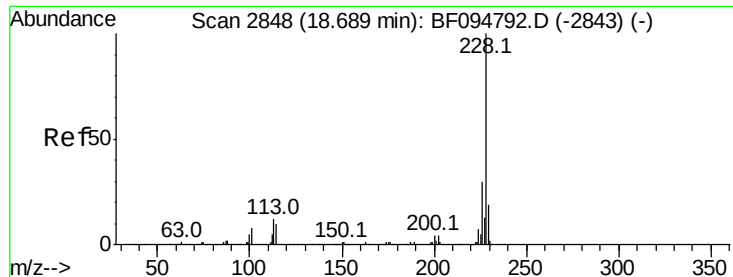
Tot Ion:228 Resp: 669409
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 21.0 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 30.23 ng
RT: 18.65 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion:252 Resp: 106869
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 15.2 15.8 23.8#





#82

Chrysene

Concen: 60.46 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

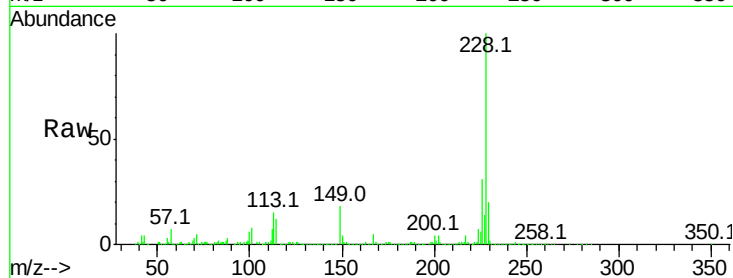
Tot Ion:228 Resp: 598430

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

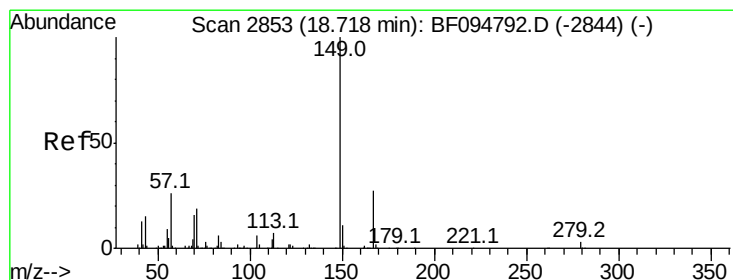
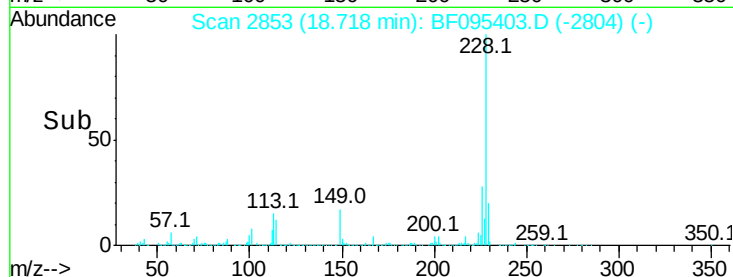
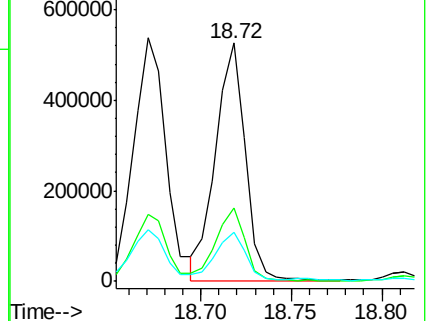
229 20.4 15.8 23.6



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: 45.11 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

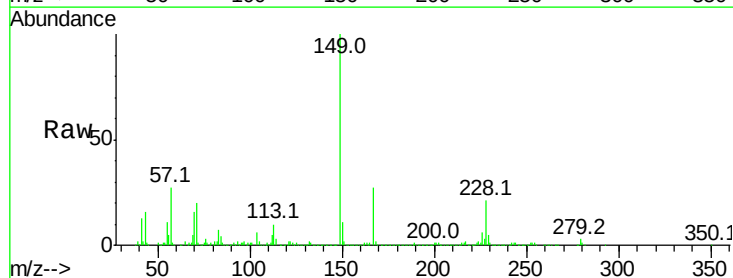
Tgt Ion:149 Resp: 393234

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

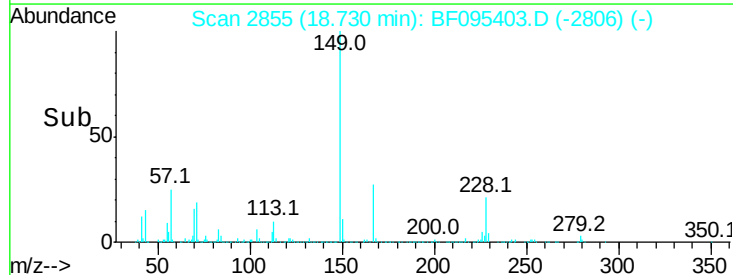
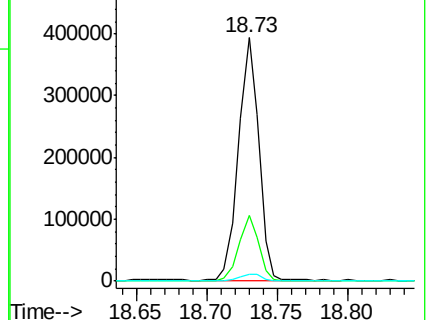
279 2.8 1.9 2.9

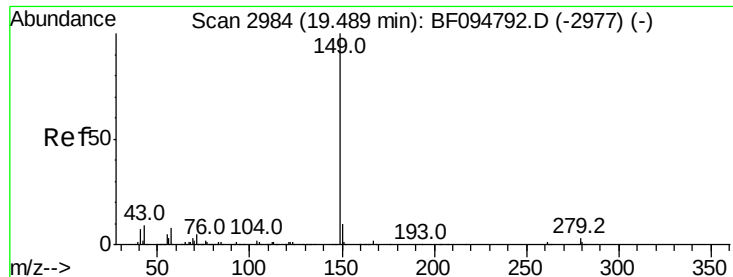


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

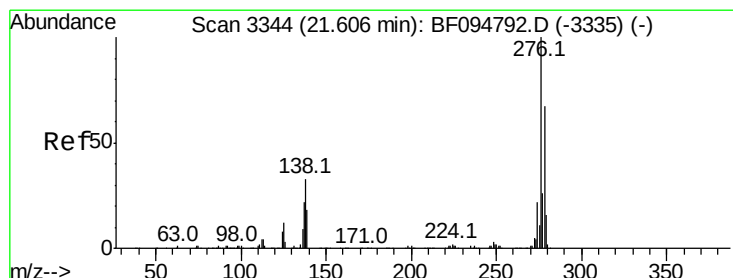
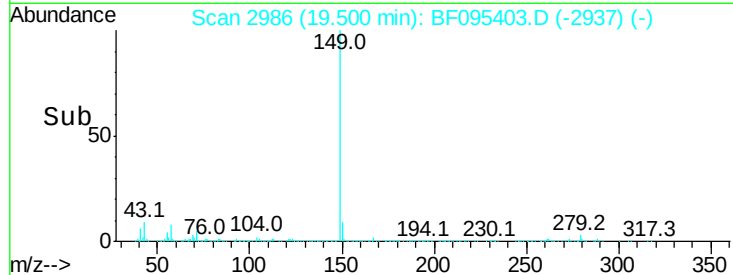
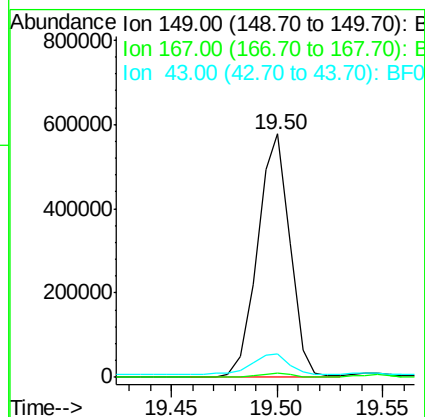
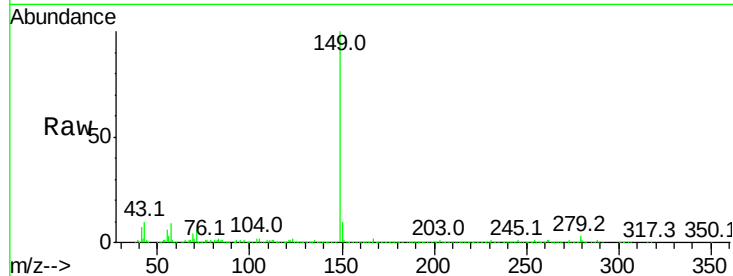




#84
Di-n-octyl phthalate
Concen: 42.74 ng
RT: 19.50 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

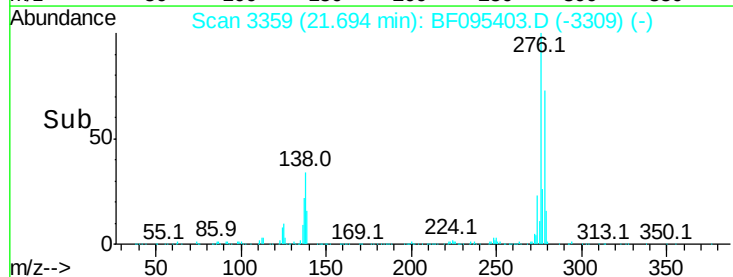
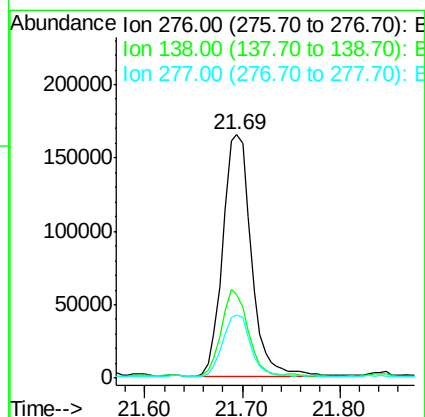
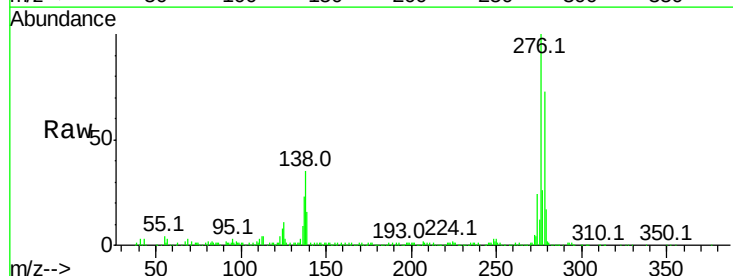
Instrument :
BNA_F
ClientSampleId :

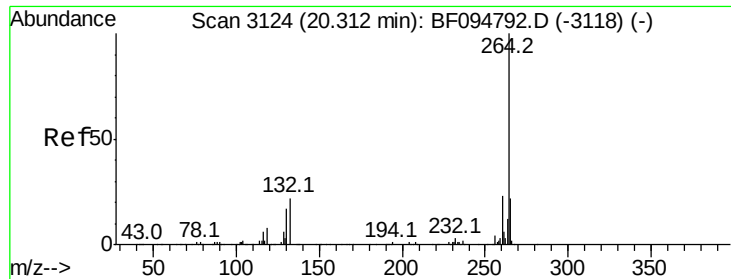
Tot Ion:149 Resp: 610893
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.6 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.77 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion:276 Resp: 335753
Ion Ratio Lower Upper
276 100
138 34.1 27.8 41.6
277 25.1 20.2 30.4

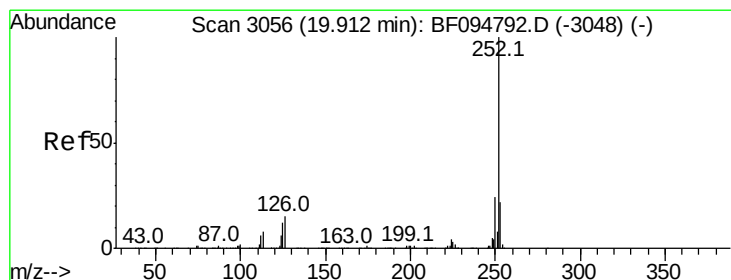
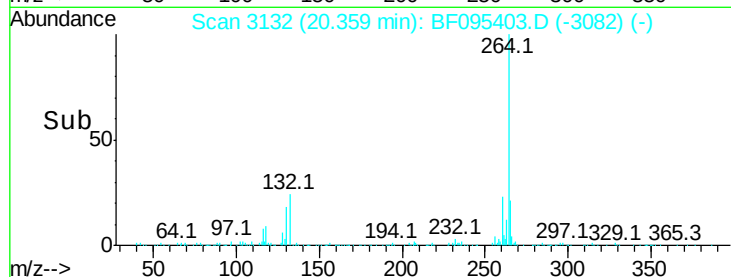
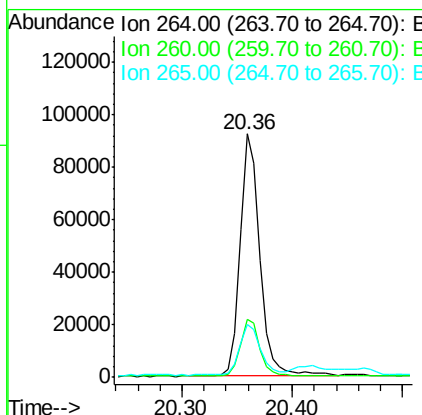
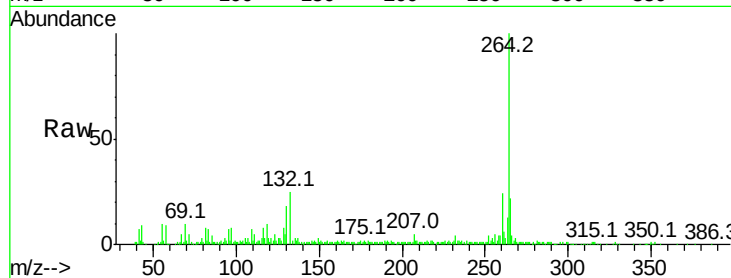




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

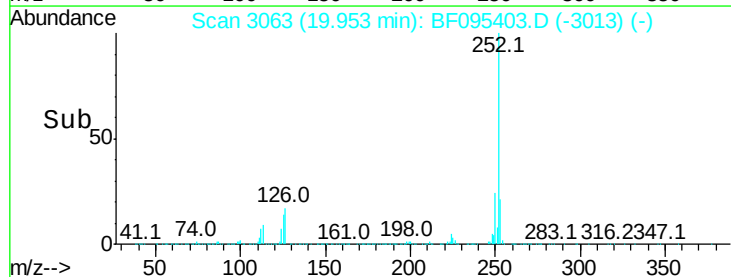
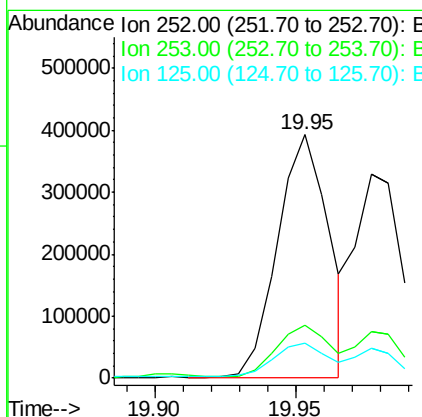
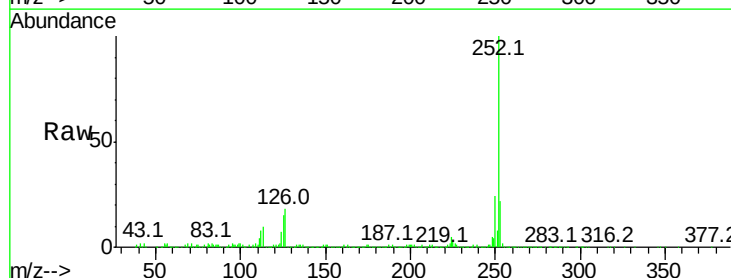
Instrument :
BNA_F
ClientSampleId :

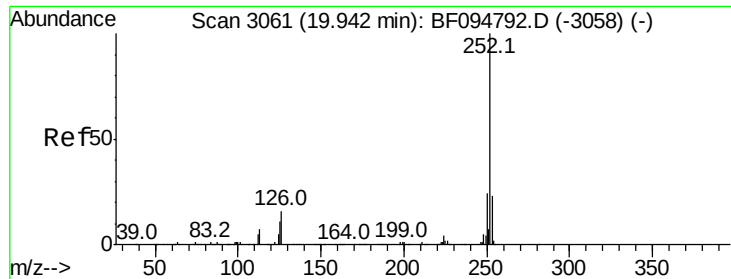
Tot Ion:264 Resp: 116921
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 67.85 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion:252 Resp: 490175
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 14.5 9.8 14.8

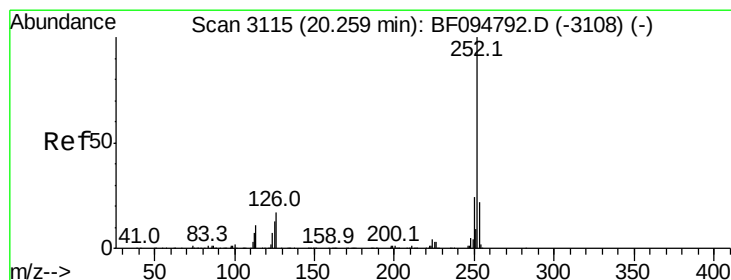
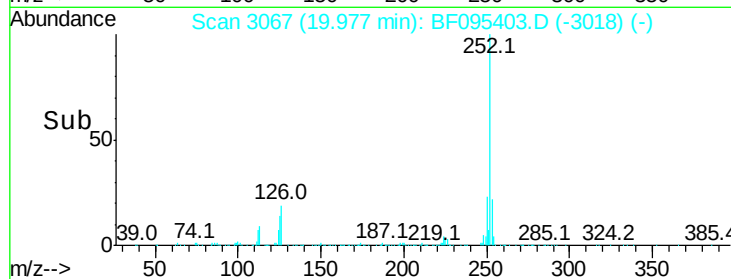
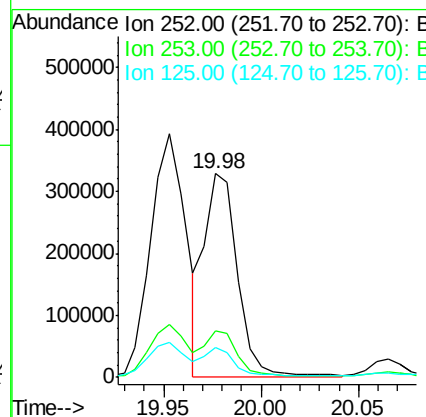
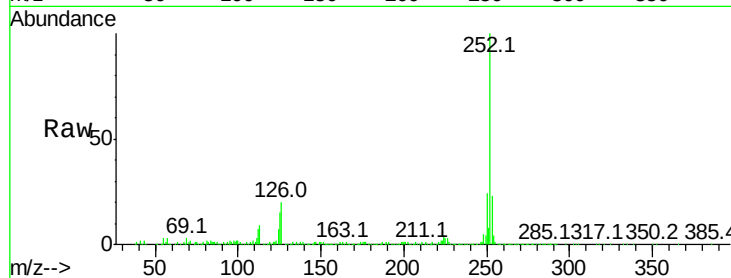




#88
Benzo(k)fluoranthene
Concen: 55.22 ng
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

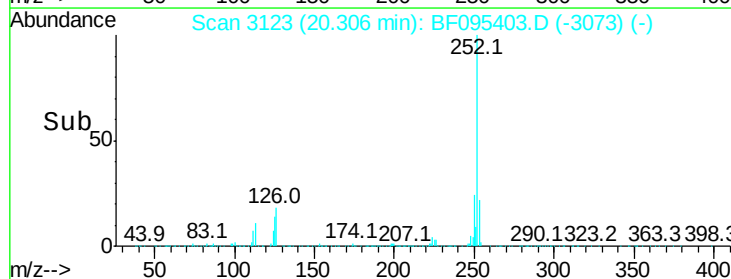
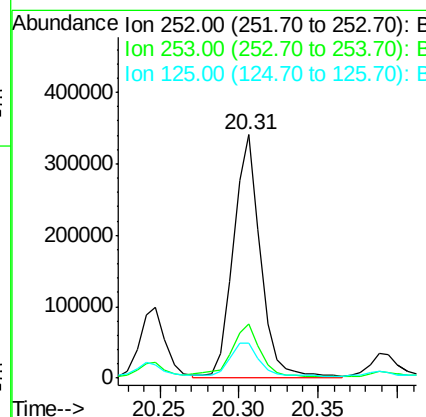
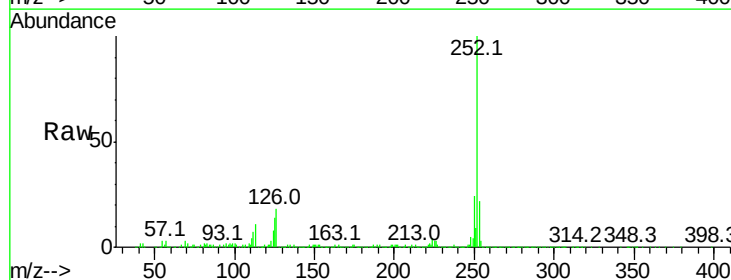
Instrument :
BNA_F
ClientSampleId :

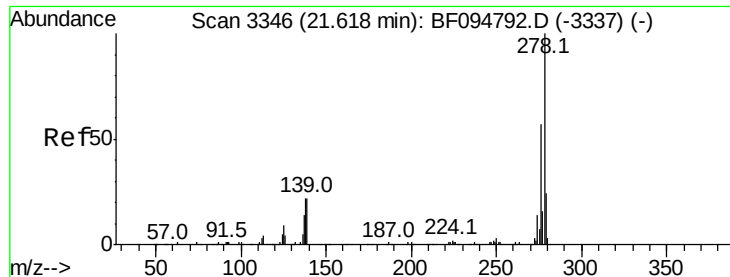
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	14.8	13.1	19.7



#89
Benzo(a)pyrene
Concen: 59.85 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095403.D
Acq: 24 May 2017 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.5	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 40.26 ng

RT: 21.69 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

Instrument :

BNA_F

ClientSampleId :

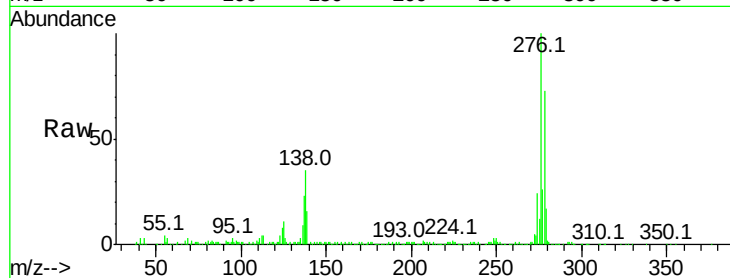
Tot Ion:278 Resp: 221672

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

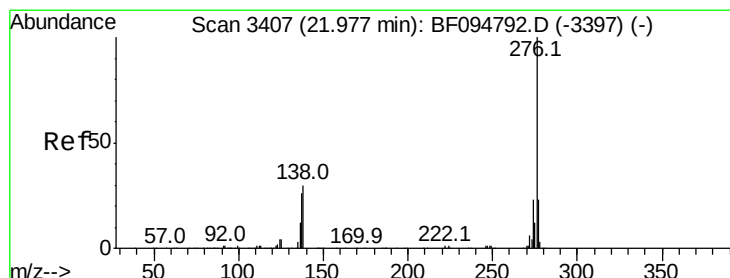
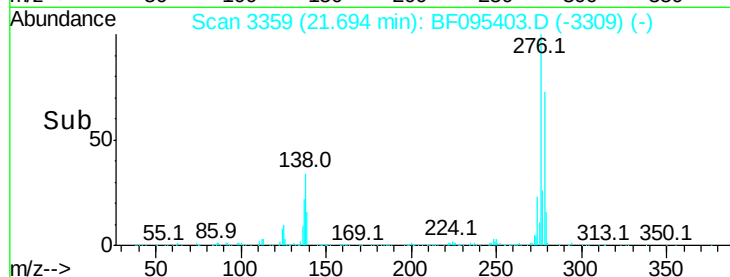
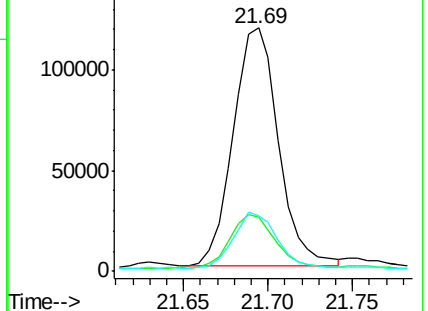
279 22.9 19.3 28.9



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: 55.20 ng

RT: 22.08 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BF095403.D

Acq: 24 May 2017 22:43

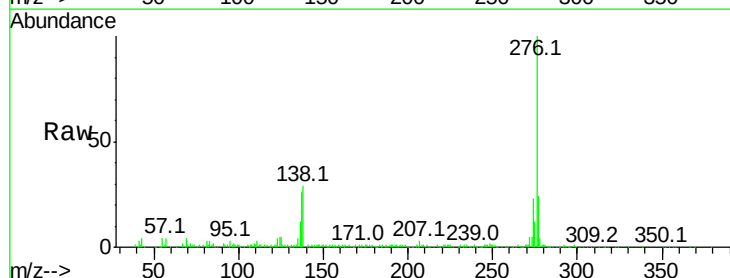
Tgt Ion:276 Resp: 298229

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 29.1 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

