

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095132.D
 Acq On : 15 May 2017 18:43
 Operator : SJ/MA
 Sample : I3141-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:57:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	82967	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	331430	20.00	ng	0.04
38) Acenaphthene-d10	12.63	164	147724	20.00	ng	0.05
63) Phenanthrene-d10	15.03	188	242765	20.00	ng	0.05
75) Chrysene-d12	18.70	240	169111	20.00	ng	0.05
86) Perylene-d12	20.37	264	179209	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	775057	155.75	ng	0.08
7) Phenol-d6	7.33	99	915918	153.40	ng	0.05
23) Nitrobenzene-d5	8.69	82	540802	102.89	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	176549	145.93	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	1009960	98.40	ng	0.04
78) Terphenyl-d14	17.35	244	684075	89.10	ng	0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.31	88	100580	41.21	ng	93
3) Pyridine	3.01	79	113964	20.15	ng	98
4) n-Nitrosodimethylamine	2.93	42	89130	37.80	ng	87
6) Aniline	7.30	93	333905	44.30	ng	95
8) 2-Chlorophenol	7.48	128	289883	51.18	ng	95
9) Benzaldehyde	7.11	77	123215	33.80	ng	98
10) Phenol	7.35	94	321570	51.11	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	254071	48.91	ng	93
12) 1,3-Dichlorobenzene	7.69	146	307396	47.84	ng	99
13) 1,4-Dichlorobenzene	7.81	146	315153	48.37	ng	98
14) 1,2-Dichlorobenzene	8.04	146	297752	48.96	ng	96
15) Benzyl Alcohol	8.07	79	225795	58.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	334716	45.53	ng	71
17) 2-Methylphenol	8.28	107	228837	49.37	ng	95
18) Hexachloroethane	8.56	117	99411	45.04	ng	89
19) n-Nitroso-di-n-propylamine	8.49	70	196110	48.56	ng	95
20) 3+4-Methylphenols	8.53	107	306623	48.68	ng	# 58
22) Acetophenone	8.46	105	398965	50.17	ng	# 84
24) Nitrobenzene	8.71	77	273063	49.57	ng	94
25) Isophorone	9.11	82	494874	52.73	ng	# 93
26) 2-Nitrophenol	9.22	139	152148	51.18	ng	99
27) 2,4-Dimethylphenol	9.35	122	246359	51.26	ng	97
28) bis(2-Chloroethoxy)methane	9.47	93	323291	49.80	ng	98
29) 2,4-Dichlorophenol	9.64	162	238183	52.49	ng	98
30) 1,2,4-Trichlorobenzene	9.72	180	234494	48.23	ng	99
31) Naphthalene	9.83	128	797033	47.85	ng	100
32) Benzoic acid	9.65	122	99797	33.36	ng	96
33) 4-Chloroaniline	9.98	127	124926	20.12	ng	# 90
34) Hexachlorobutadiene	10.05	225	115487	45.02	ng	98
35) Caprolactam	10.60	113	33435	24.54	ng	# 82
36) 4-Chloro-3-methylphenol	10.82	107	242732	50.03	ng	94
37) 2-Methylnaphthalene	10.95	142	545120	49.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	217348	47.84	ng	99
40) Hexachlorocyclopentadiene	11.21	237	84835	47.11	ng	98

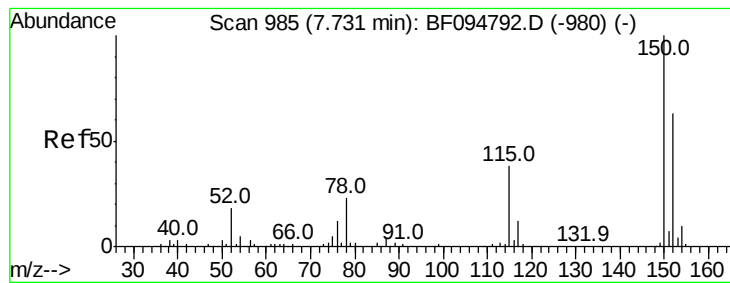
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	157251	51.84	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	156677	48.06	nq #	92
45) 1,1'-Biphenyl	11.72	154	615688	49.50	nq	98
46) 2-Chloronaphthalene	11.74	162	484490	48.24	nq	96
47) 2-Nitroaniline	11.95	65	133149	48.44	nq #	84
48) Acenaphthylene	12.40	152	756125	48.07	nq	99
49) Dimethylphthalate	12.27	163	721325	59.48	nq	100
50) 2,6-Dinitrotoluene	12.37	165	126863	51.28	nq	96
51) Acenaphthene	12.68	154	443524	47.21	nq	98
52) 3-Nitroaniline	12.64	138	81672	30.76	nq	87
53) 2,4-Dinitrophenol	12.85	184	36138	30.70	nq #	62
54) Dibenzofuran	12.97	168	680904	52.37	nq	98
55) 4-Nitrophenol	13.02	139	142912	89.60	nq #	72
56) 2,4-Dinitrotoluene	13.03	165	164902	51.87	nq #	85
57) Fluorene	13.52	166	533425	47.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.21	232	114119	55.62	nq	94
59) Diethylphthalate	13.42	149	548339	47.17	nq	99
60) 4-Chlorophenyl-phenylether	13.55	204	239835	48.27	nq	88
61) 4-Nitroaniline	13.64	138	91680	37.61	nq	94
62) Azobenzene	13.81	77	496893	53.20	nq	93
64) 4,6-Dinitro-2-methylphenol	13.70	198	31650	19.45	nq #	68
65) n-Nitrosodiphenylamine	13.75	169	466314	52.92	nq	98
66) 4-Bromophenyl-phenylether	14.34	248	129945	50.66	nq	98
67) Hexachlorobenzene	14.42	284	124934	47.53	nq #	88
68) Atrazine	14.68	200	130621	52.51	nq	97
69) Pentachlorophenol	14.77	266	96782	81.33	nq	98
70) Phenanthrene	15.07	178	672650	48.22	nq	98
71) Anthracene	15.15	178	696386	48.88	nq	98
72) Carbazole	15.43	167	623955	48.13	nq	97
73) Di-n-butylphthalate	15.99	149	841675	52.06	nq #	98
74) Fluoranthene	16.81	202	596145	41.66	nq	99
76) Benzidine	17.04	184	180354	40.61	nq #	92
77) Pyrene	17.11	202	586061	46.34	nq	99
79) Butylbenzylphthalate	18.01	149	289037	49.13	nq #	87
80) Benzo(a)anthracene	18.69	228	466476	47.40	nq	98
81) 3,3'-Dichlorobenzidine	18.67	252	145320	42.75	nq #	94
82) Chrysene	18.73	228	450296	47.32	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	414059	49.40	nq #	98
84) Di-n-octyl phthalate	19.52	149	700997	51.01	nq	96
85) Indeno(1,2,3-cd)pyrene	21.71	276	465429	60.22	nq	99
87) Benzo(b)fluoranthene	19.97	252	487870	44.06	nq	98
88) Benzo(k)fluoranthene	19.99	252	525056	49.16	nq	97
89) Benzo(a)pyrene	20.32	252	484413	47.41	nq	99
90) Dibenzo(a,h)anthracene	21.71	278	384489	45.56	nq	96
91) Benzo(g,h,i)perylene	22.09	276	375183	45.30	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 994

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

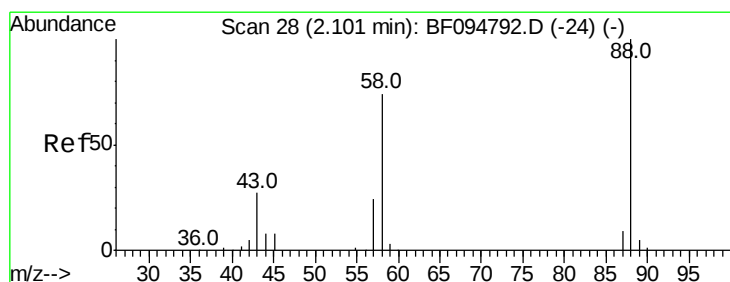
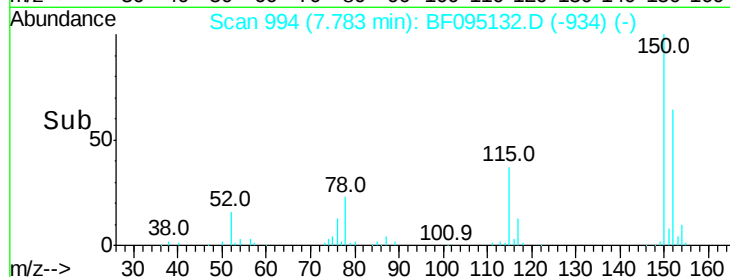
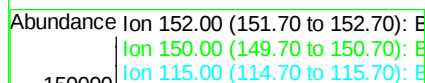
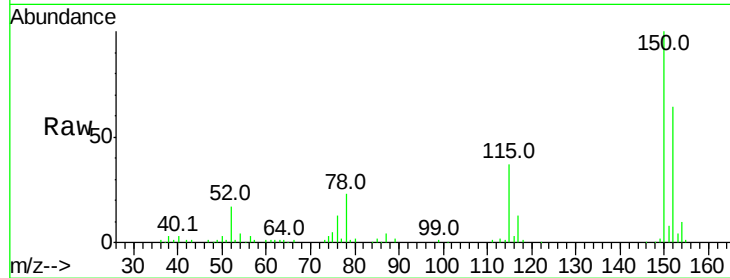
Tot Ion:152 Resp: 82967

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

115 58.7 52.2 78.2



#2

1,4-Dioxane

Concen: 41.21 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.21 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

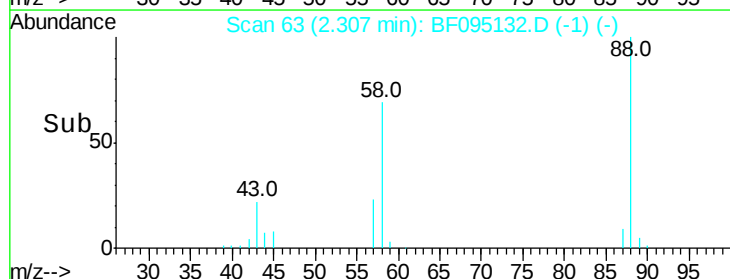
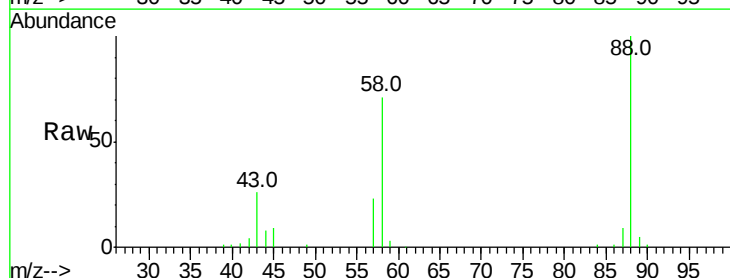
Tgt Ion: 88 Resp: 100580

Ion Ratio Lower Upper

88 100

58 70.3 61.4 92.0

43 26.7 23.4 35.0





#3

Pvridine

Concen: 20.15 ng

RT: 3.01 min Scan# 183

Delta R.T. 0.25 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

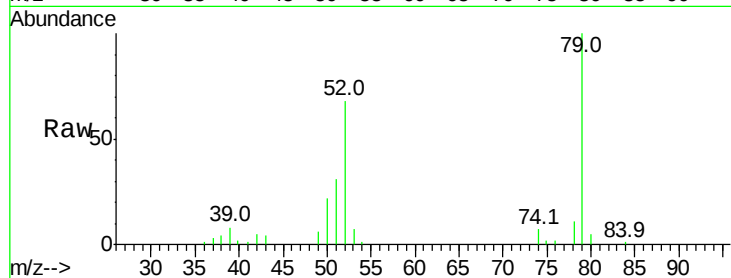
Tot Ion: 79 Resp: 113964

Ion Ratio Lower Upper

79 100

52 67.7 54.8 82.2

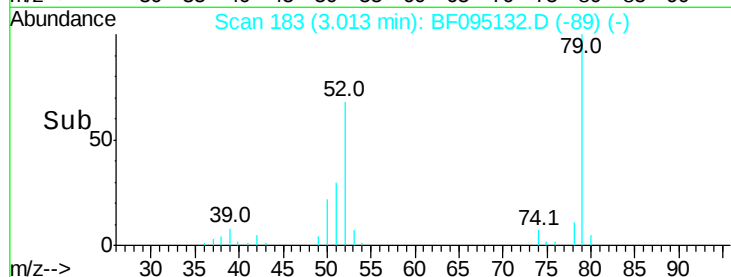
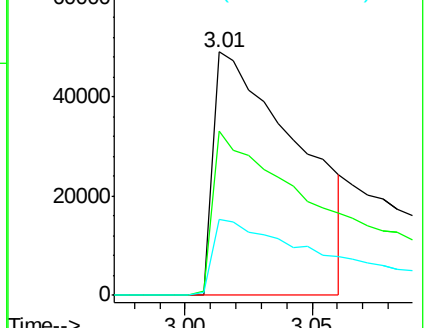
51 31.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.80 ng

RT: 2.93 min Scan# 169

Delta R.T. 0.24 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

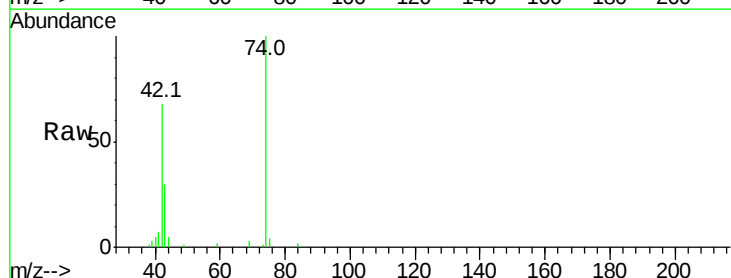
Tgt Ion: 42 Resp: 89130

Ion Ratio Lower Upper

42 100

74 146.2 103.9 155.9

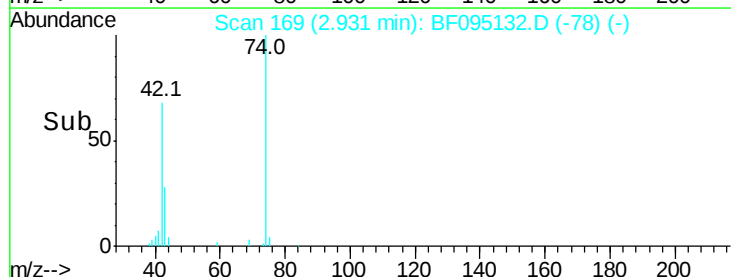
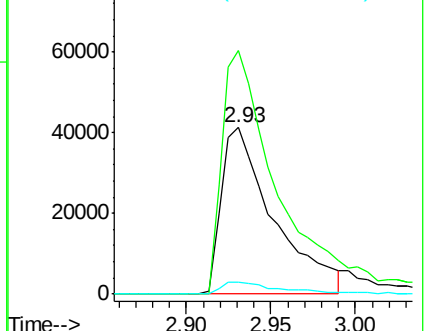
44 7.0 5.7 8.5

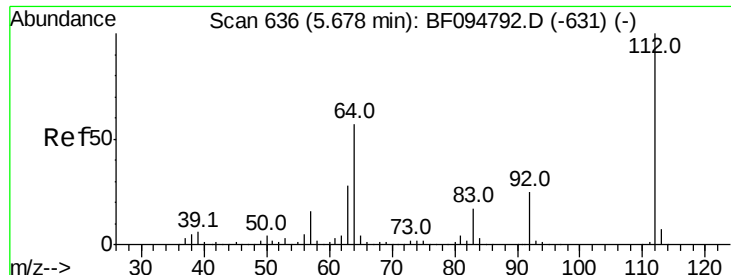


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 155.75 ng

RT: 5.76 min Scan# 650

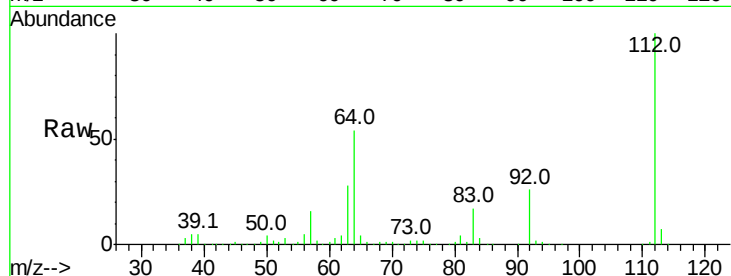
Delta R.T. 0.08 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :
BNA_F
ClientSampled :

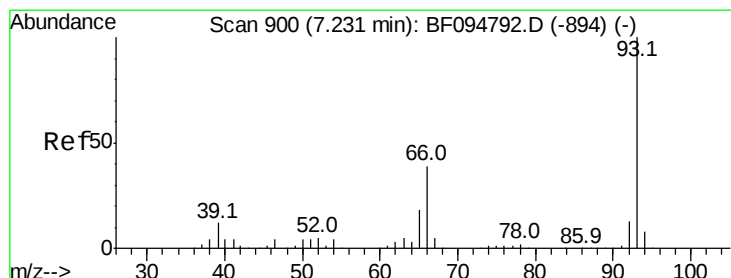
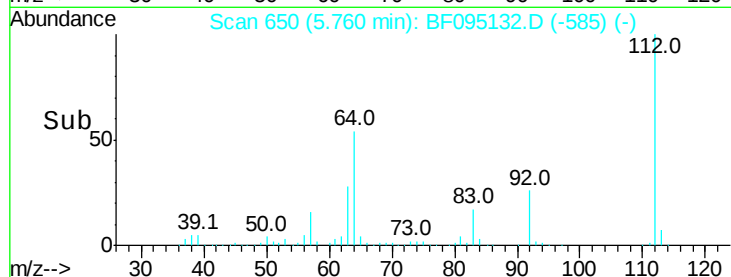
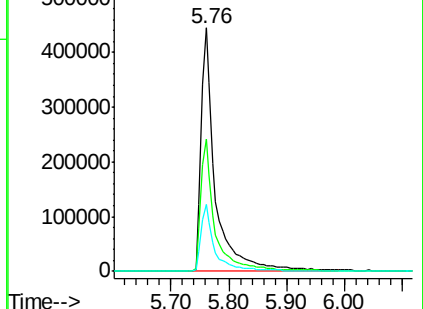
Tot Ion:	112	Resp:	775057
Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	27.7	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 44.30 ng

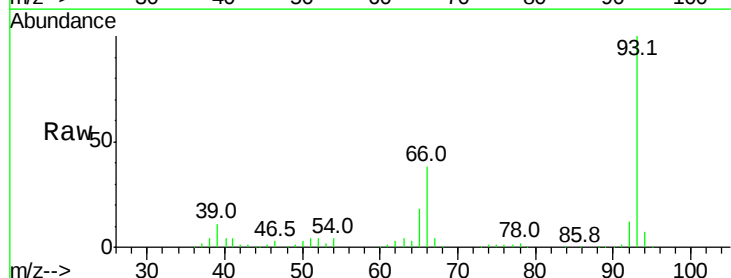
RT: 7.30 min Scan# 911

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

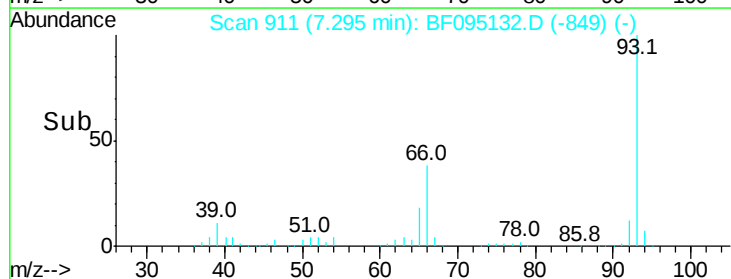
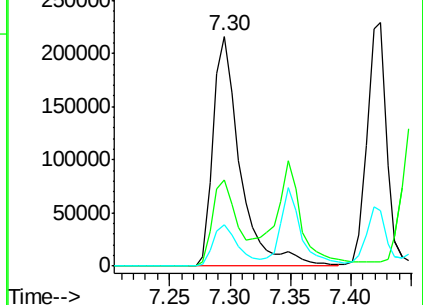
Tgt Ion:	93	Resp:	333905
Ion	Ratio	Lower	Upper
93	100		
66	37.6	32.9	49.3
65	17.8	16.0	24.0

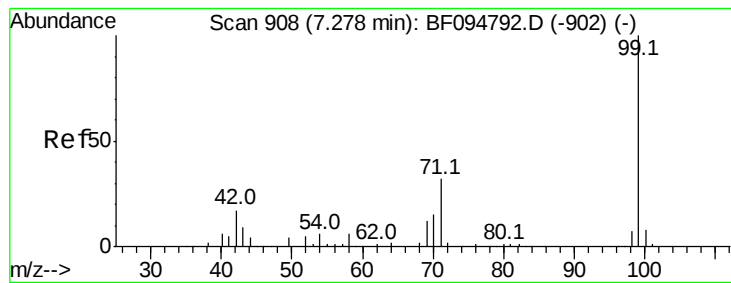


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 153.40 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

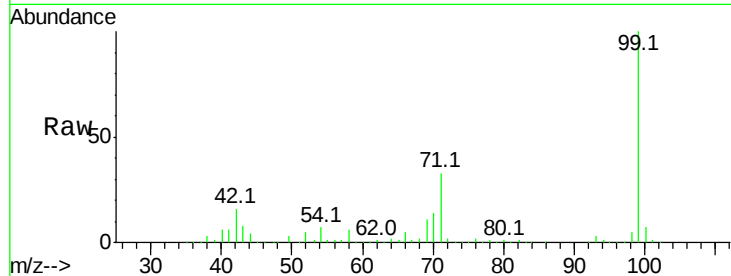
Tot Ion: 99 Resp: 915918

Ion Ratio Lower Upper

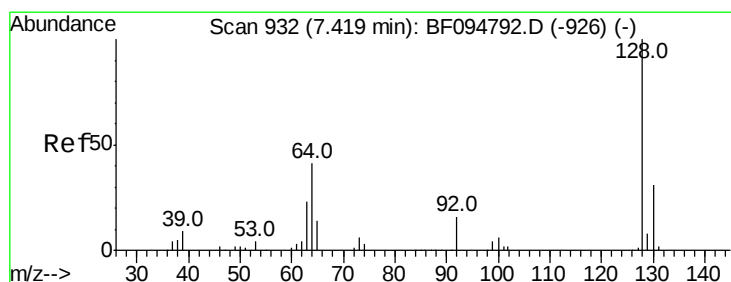
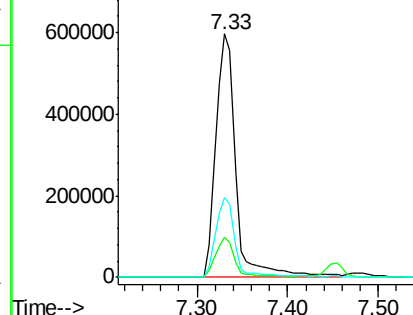
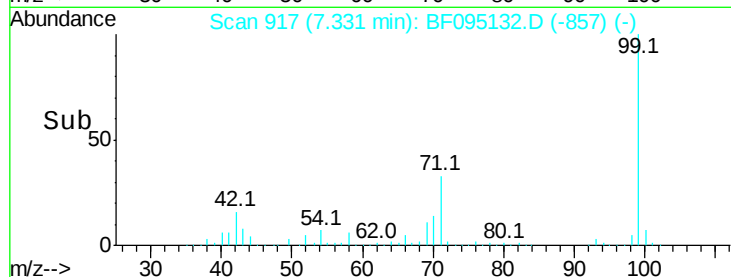
99 100

42 16.3 13.5 20.3

71 33.0 24.5 36.7



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



#8

2-Chlorophenol

Concen: 51.18 ng

RT: 7.48 min Scan# 942

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

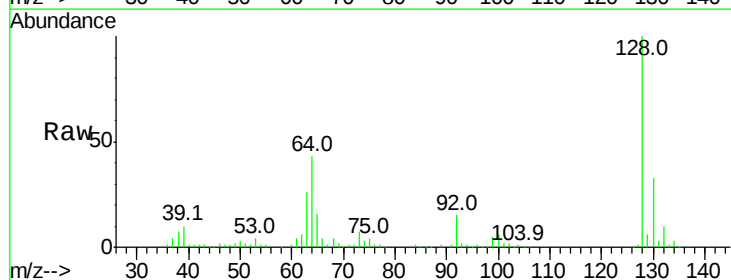
Tgt Ion: 128 Resp: 289883

Ion Ratio Lower Upper

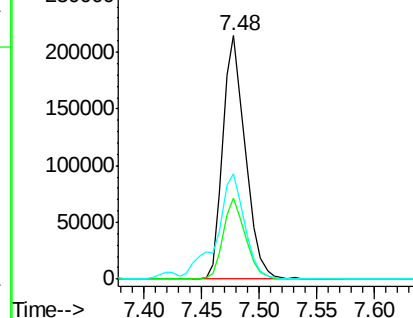
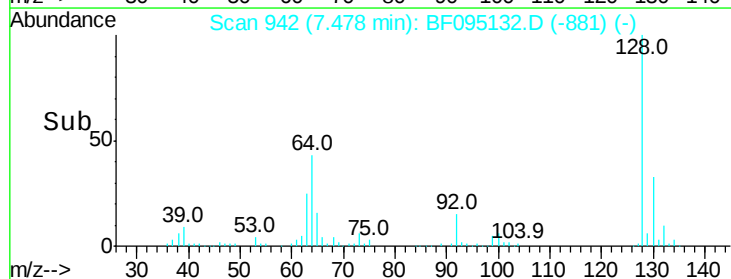
128 100

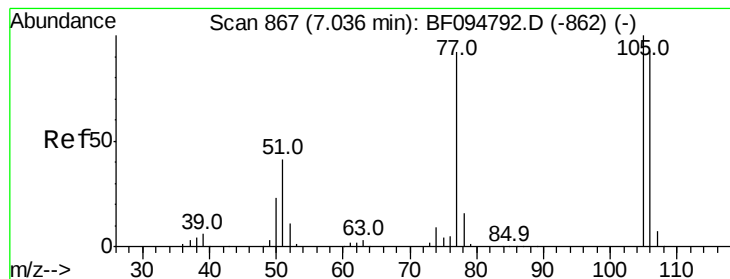
130 33.3 12.9 52.9

64 43.2 28.4 68.4



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





#9

Benzaldehyde

Concen: 33.80 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampled :

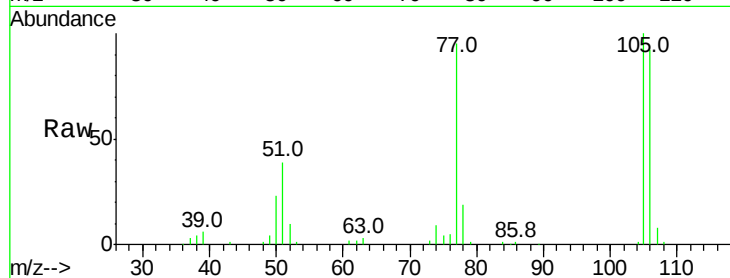
Tot Ion: 77 Resp: 123215

Ion Ratio Lower Upper

77 100

105 105.4 83.8 123.8

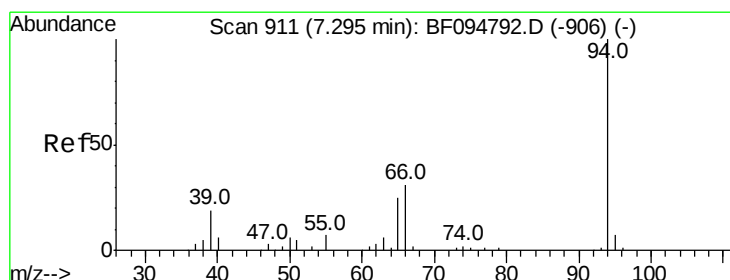
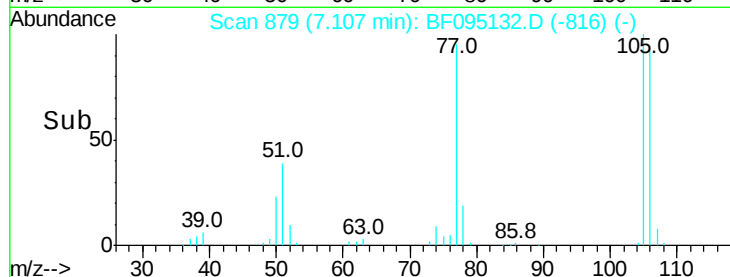
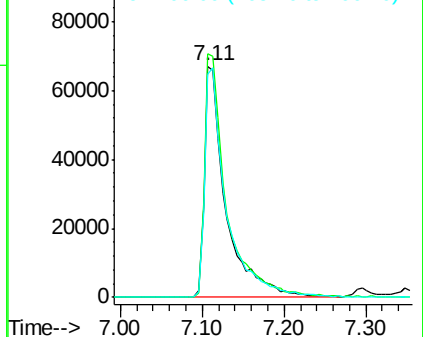
106 96.5 79.1 119.1



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: 51.11 ng

RT: 7.35 min Scan# 920

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

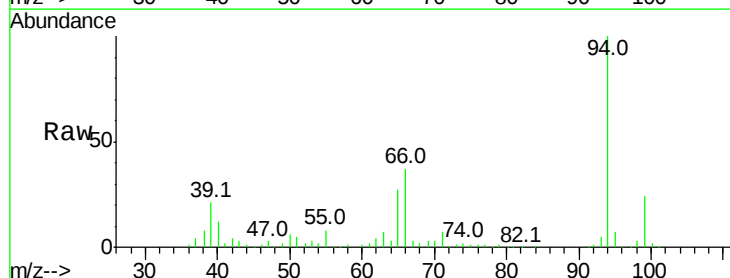
Tgt Ion: 94 Resp: 321570

Ion Ratio Lower Upper

94 100

65 27.2 9.9 49.9

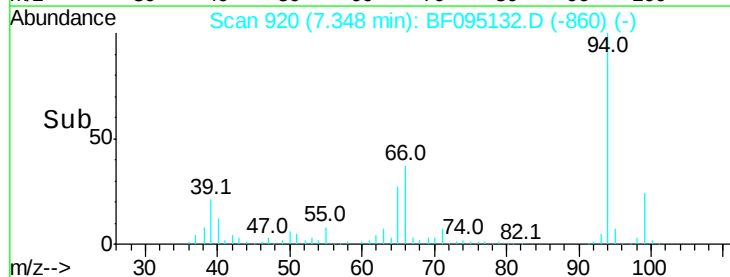
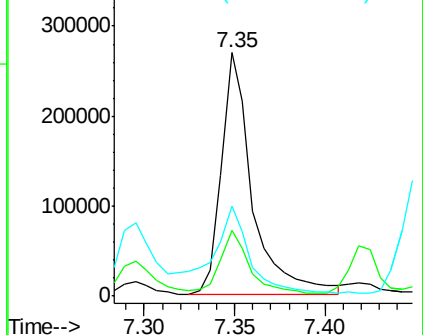
66 36.8 23.1 63.1



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

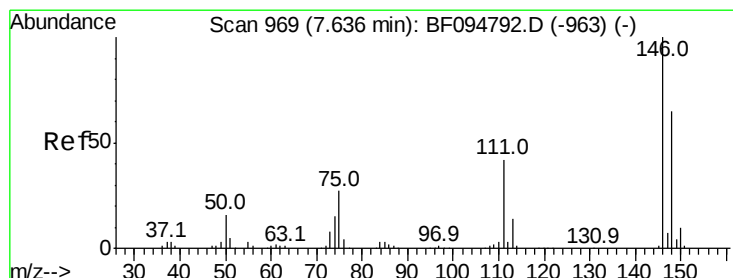
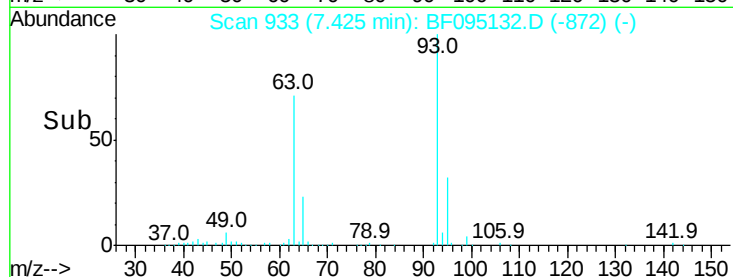
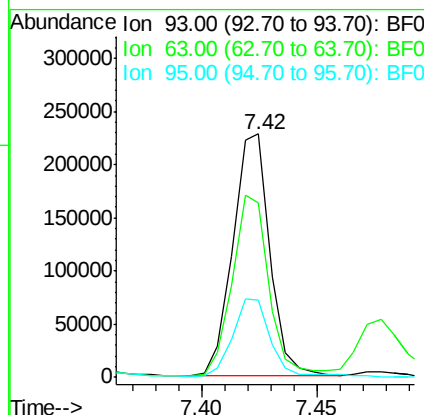
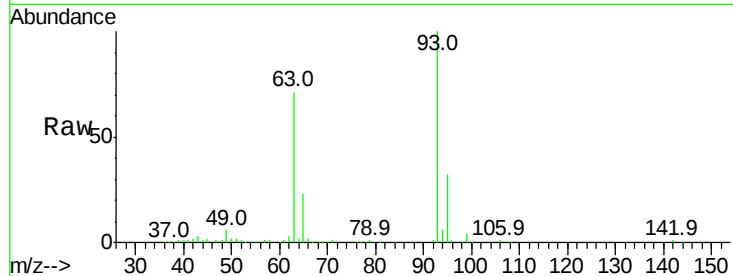




#11
 bis(2-Chloroethyl)ether
 Concen: 48.91 ng
 RT: 7.42 min Scan# 933
 Delta R.T. 0.06 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

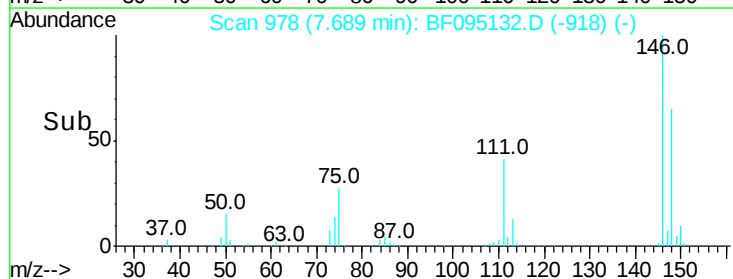
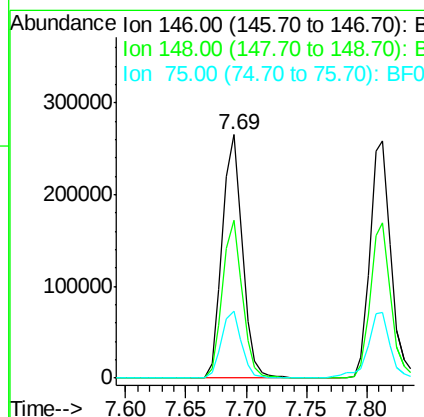
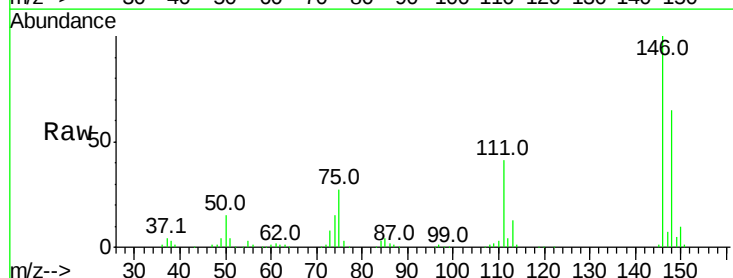
Instrument :
 BNA_F
 ClientSampleID :

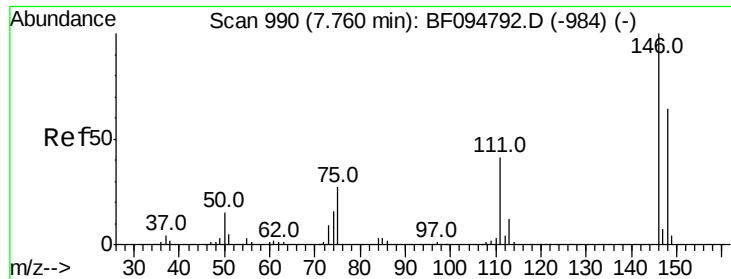
Tot Ion:	93	Resp:	254071
Ion	Ratio	Lower	Upper
93	100		
63	71.4	59.2	99.2
95	31.8	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 47.84 ng
 RT: 7.69 min Scan# 978
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:	146	Resp:	307396
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
75	27.3	23.1	34.7

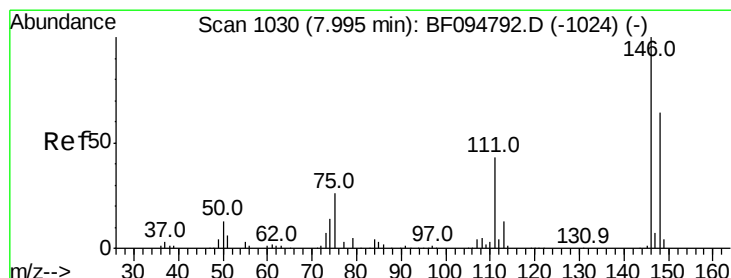
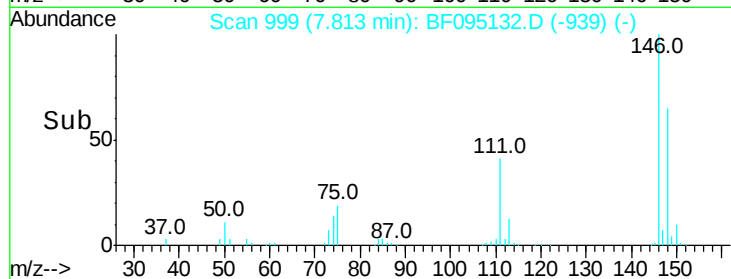
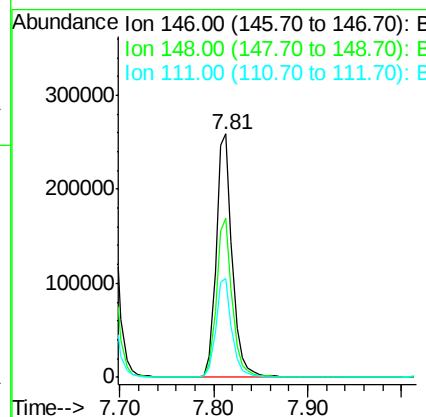
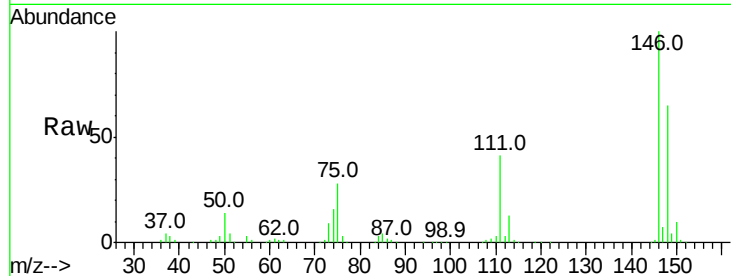




#13
 1,4-Dichlorobenzene
 Concen: 48.37 ng
 RT: 7.81 min Scan# 999
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

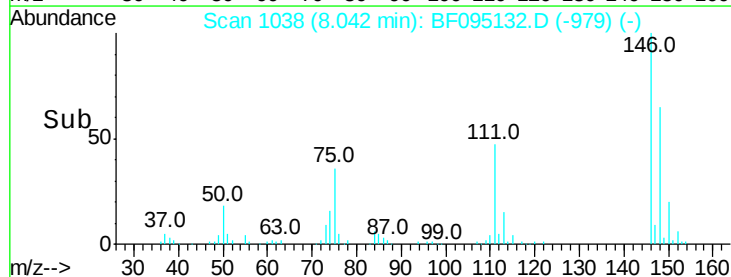
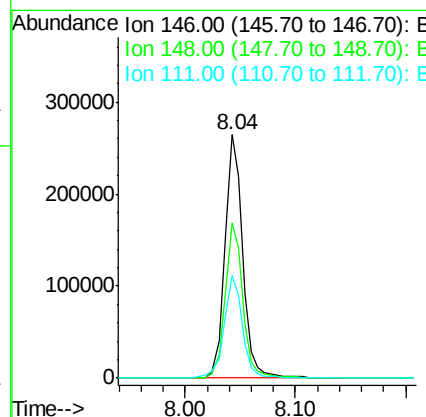
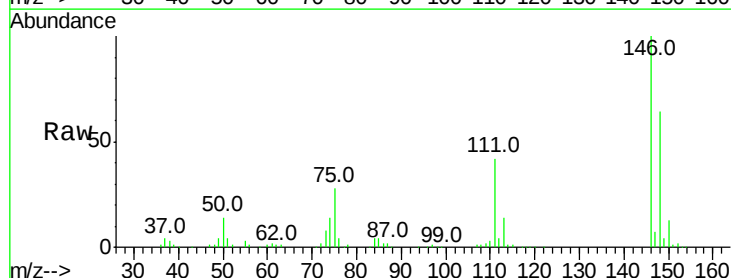
Instrument :
 BNA_F
 ClientSampleId :

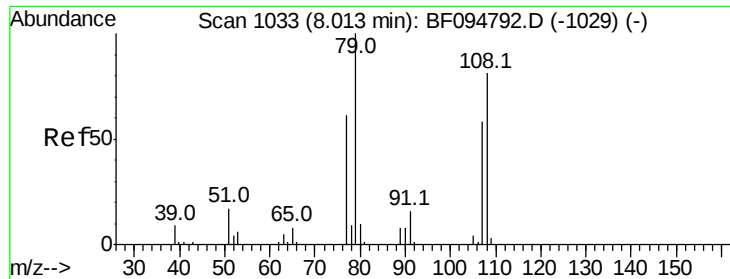
Tot Ion:146 Resp: 315153
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 40.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 48.96 ng
 RT: 8.04 min Scan# 1038
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:146 Resp: 297752
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 42.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 58.79 ng

RT: 8.07 min Scan# 1042

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampled :

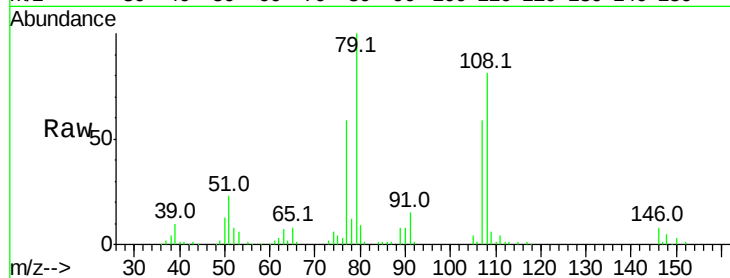
Tot Ion: 79 Resp: 225795

Ion Ratio Lower Upper

79 100

108 80.6 63.4 95.0

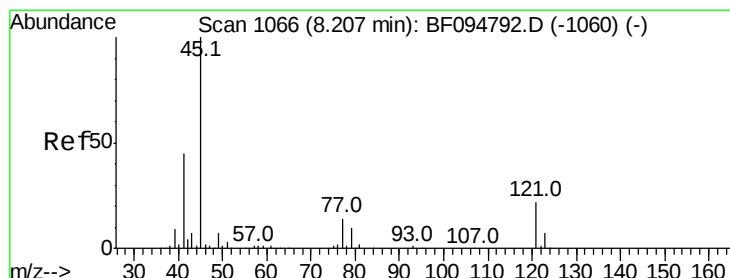
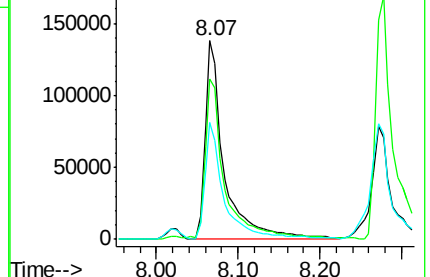
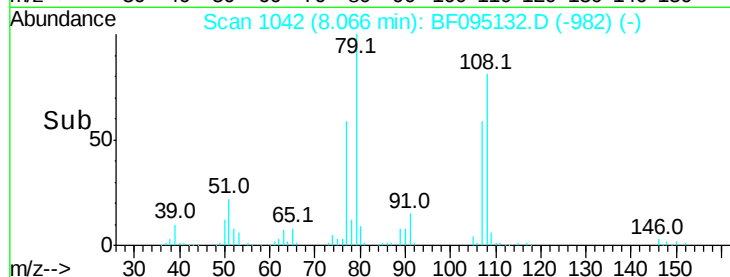
77 59.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.53 ng

RT: 8.27 min Scan# 1076

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

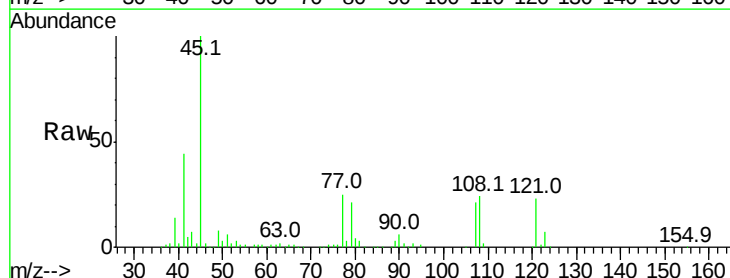
Tgt Ion: 45 Resp: 334716

Ion Ratio Lower Upper

45 100

77 24.7 0.0 33.2

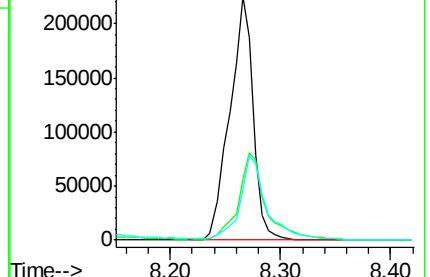
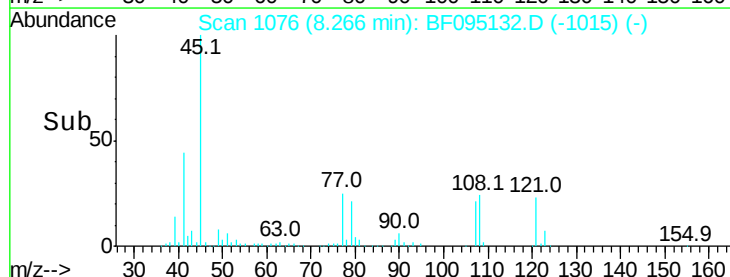
79 20.5 0.0 30.0

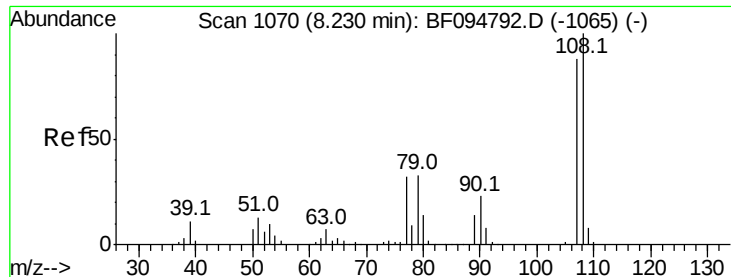


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 49.37 ng

RT: 8.28 min Scan# 1078

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 228837

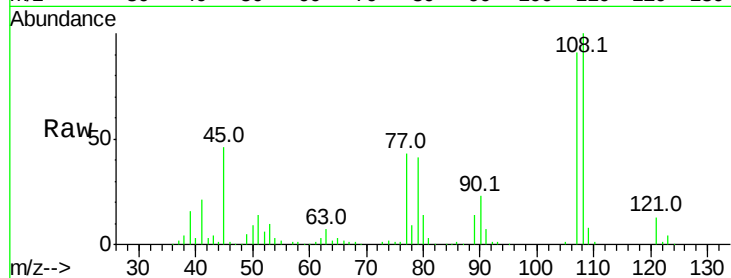
Ion Ratio Lower Upper

107 100

108 110.4 93.4 140.0

77 48.0 35.8 53.6

79 45.8 34.8 52.2

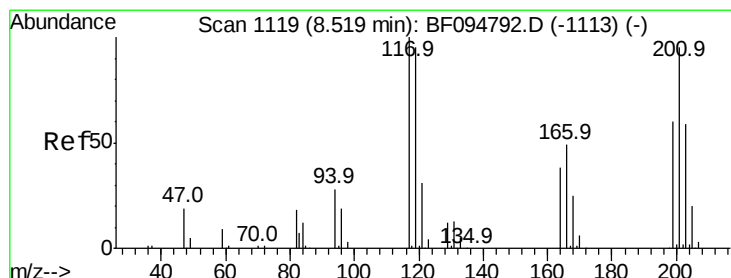
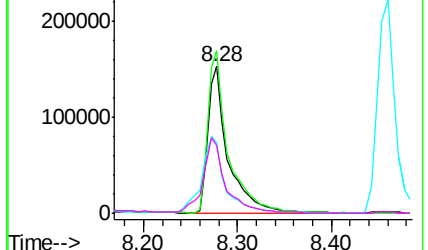
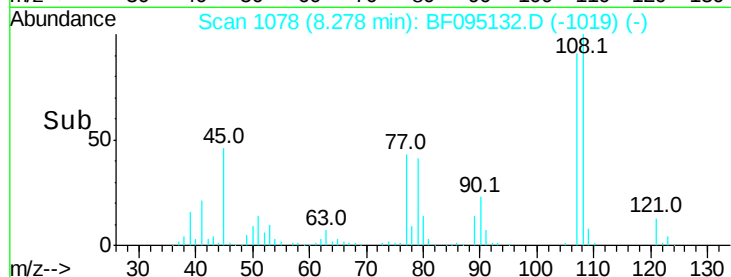


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.04 ng

RT: 8.56 min Scan# 1126

Delta R.T. 0.04 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

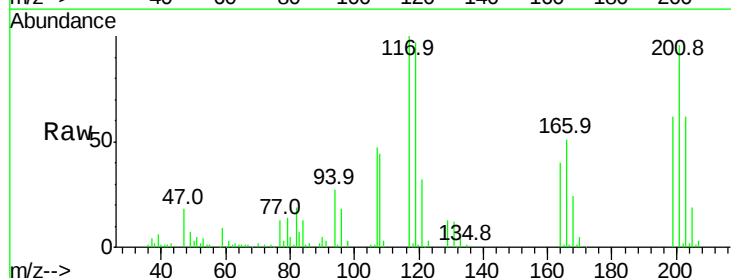
Tgt Ion:117 Resp: 99411

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0

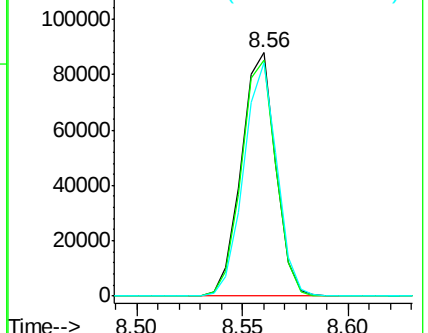
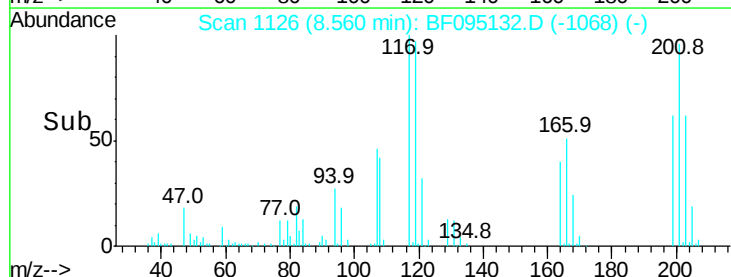
201 96.1 94.6 141.8

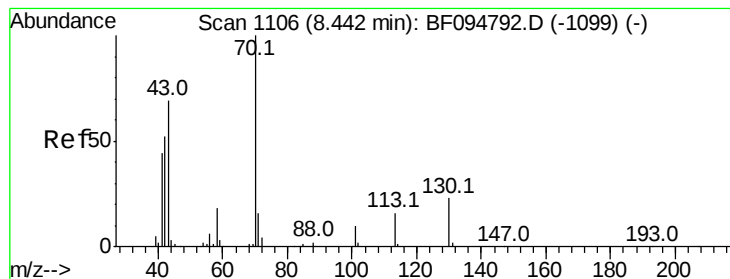


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 48.56 ng

RT: 8.49 min Scan# 1114

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 196110

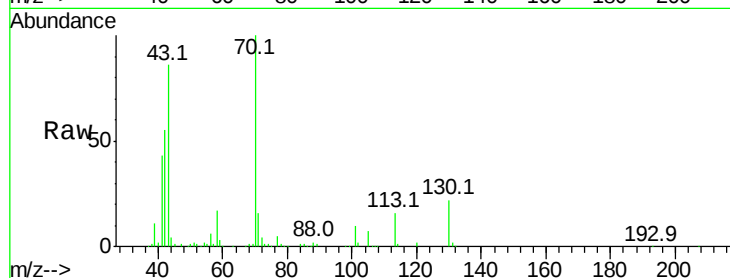
Ion Ratio Lower Upper

70 100

42 55.0 47.2 70.8

101 9.7 7.2 10.8

130 22.1 15.9 23.9

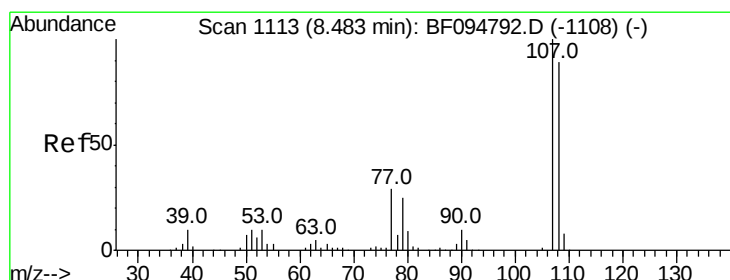
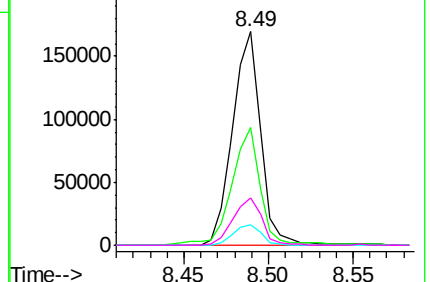
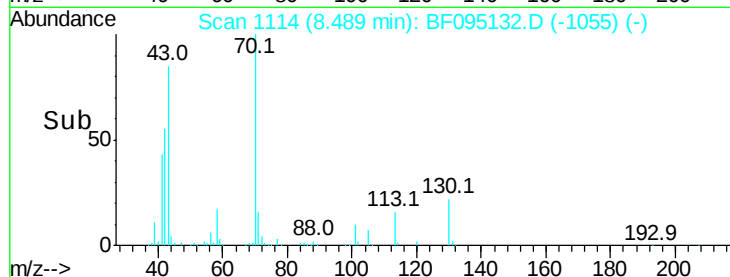


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 48.68 ng

RT: 8.53 min Scan# 1121

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Tgt Ion: 107 Resp: 306623

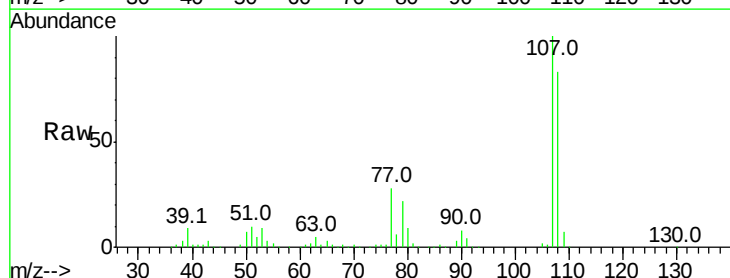
Ion Ratio Lower Upper

107 100

108 82.8 71.0 111.0

77 28.2 90.5 130.5#

79 21.6 8.4 48.4

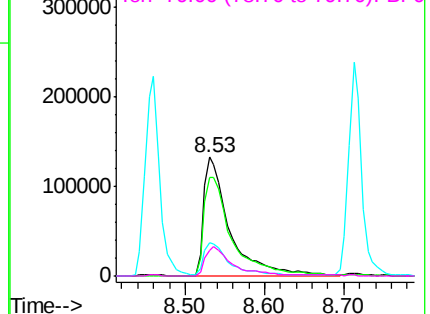
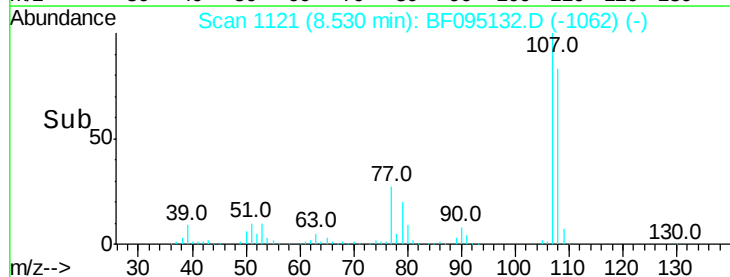


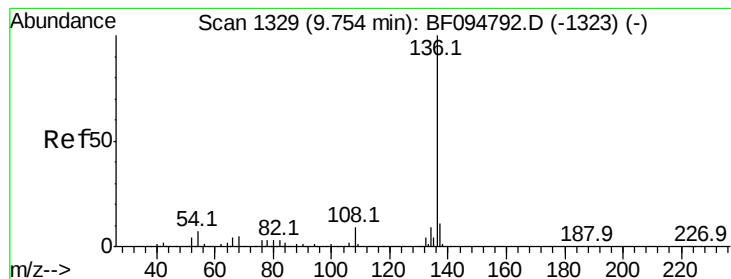
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 331430

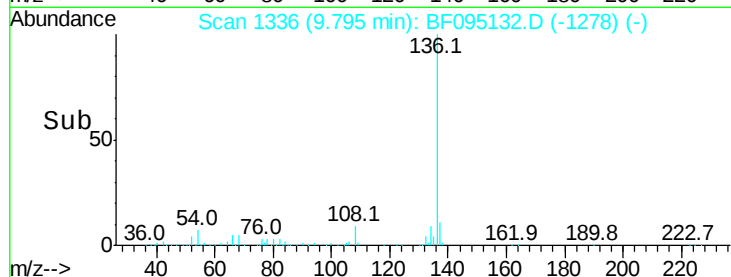
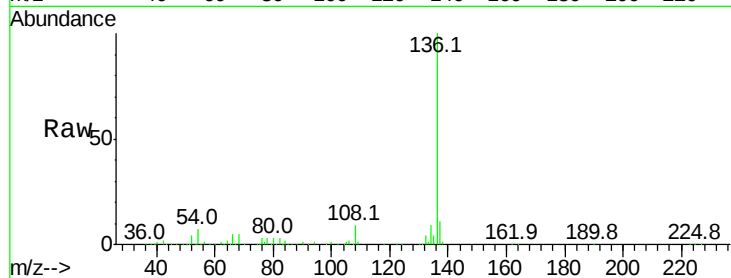
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 4.9 7.3

68 5.0 4.1 6.1

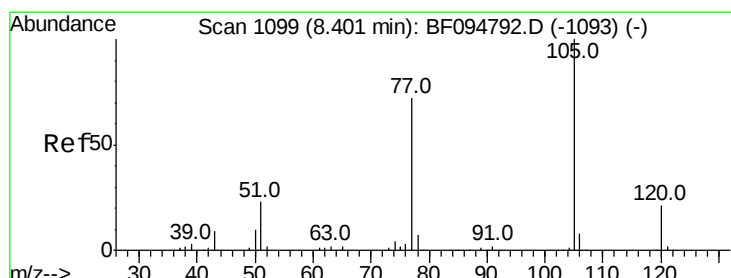
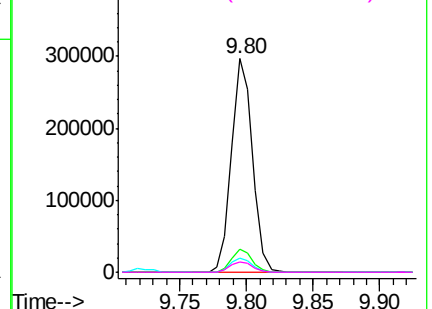


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.17 ng

RT: 8.46 min Scan# 1109

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Tgt Ion:105 Resp: 398965

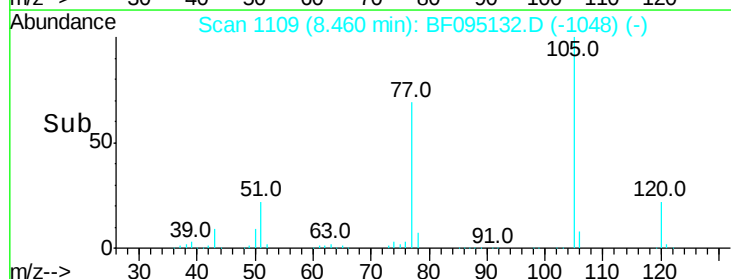
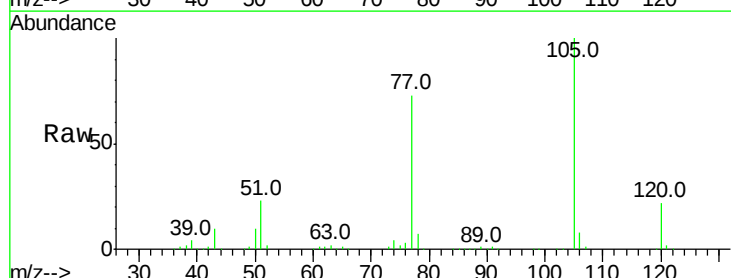
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.3 30.7 46.1#

120 21.9 17.4 26.0

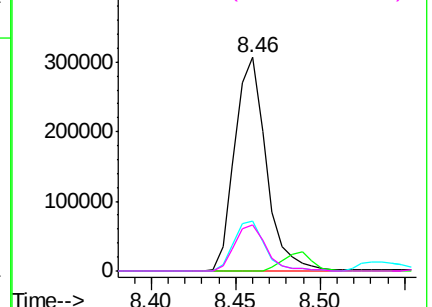


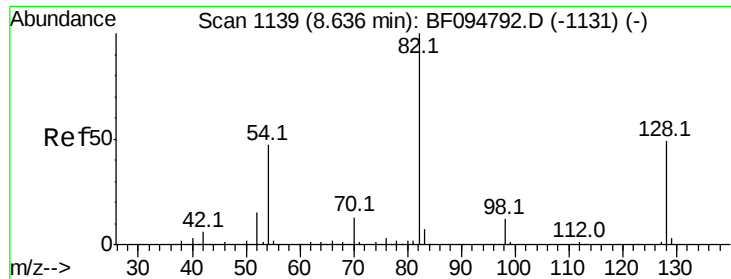
Abundance Ion 105.00 (104.70 to 105.70): E

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

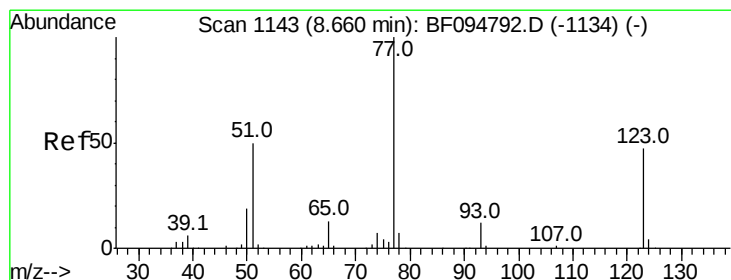
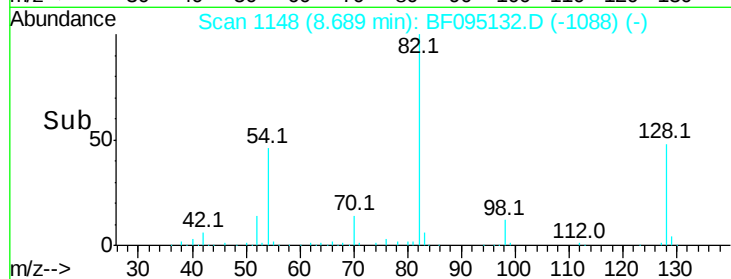
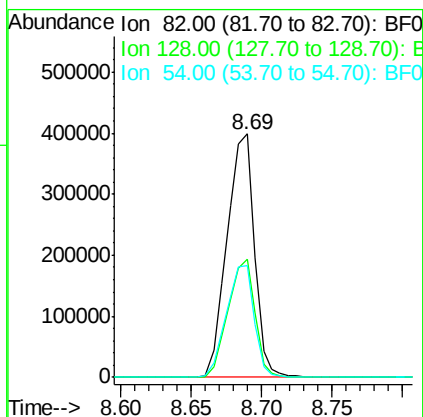
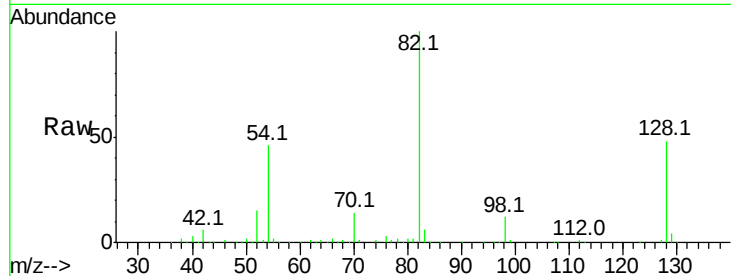




#23
Nitrobenzene-d5
Concen: 102.89 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.05 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

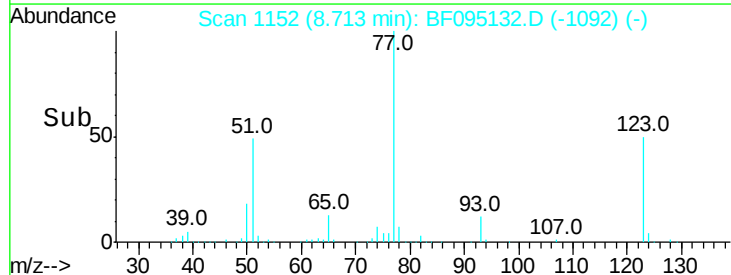
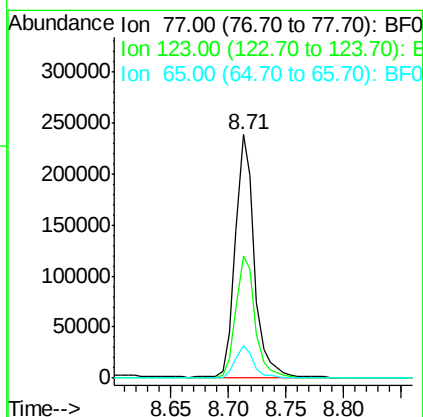
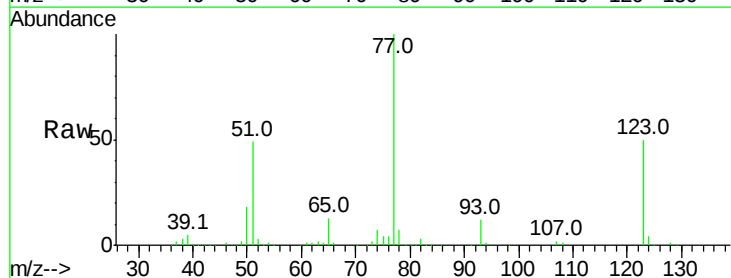
Instrument :
BNA_F
ClientSampled :

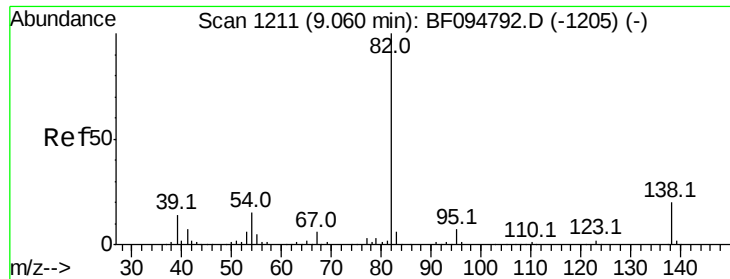
Tot Ion: 82 Resp: 540802
Ion Ratio Lower Upper
82 100
128 48.3 34.0 51.0
54 45.8 42.2 63.2



#24
Nitrobenzene
Concen: 49.57 ng
RT: 8.71 min Scan# 1152
Delta R.T. 0.05 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion: 77 Resp: 273063
Ion Ratio Lower Upper
77 100
123 50.3 35.8 53.8
65 13.3 10.6 15.8





#25

Isophorone

Concen: 52.73 ng

RT: 9.11 min Scan# 1220

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

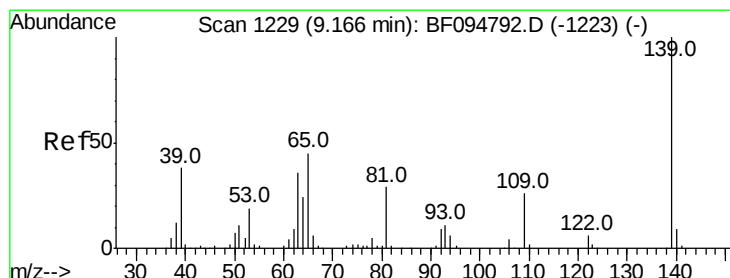
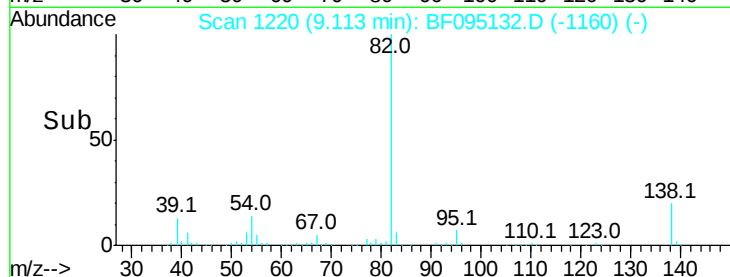
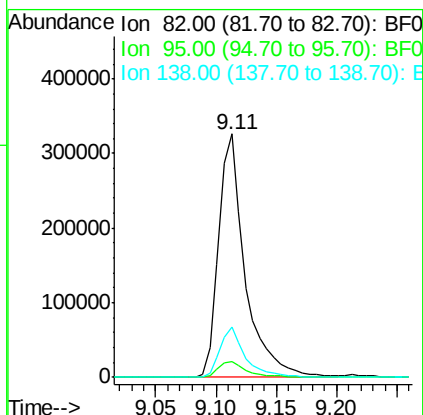
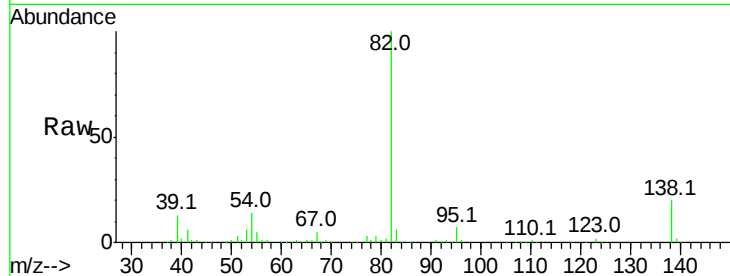
Tot Ion: 82 Resp: 494874

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 20.4 13.1 19.7#



#26

2-Nitrophenol

Concen: 51.18 ng

RT: 9.22 min Scan# 1238

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

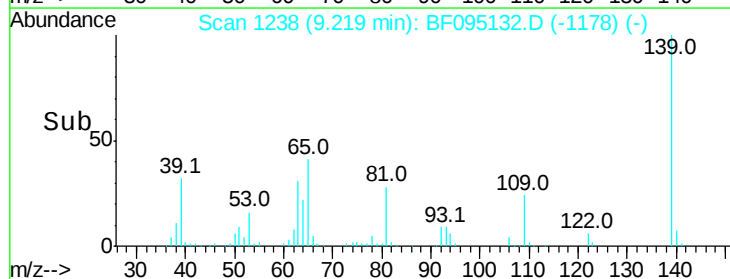
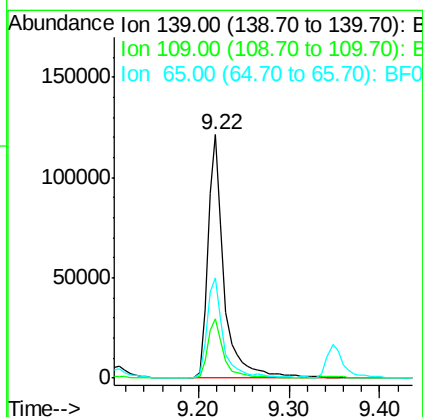
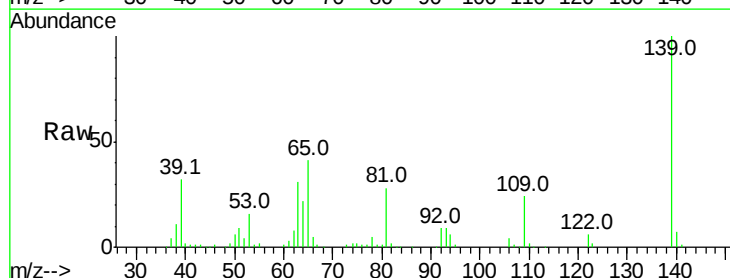
Tgt Ion:139 Resp: 152148

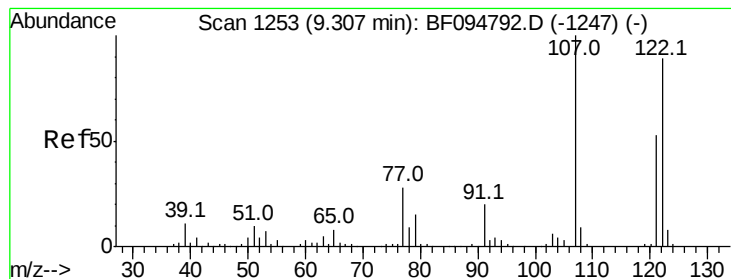
Ion Ratio Lower Upper

139 100

109 24.5 21.0 31.6

65 41.3 33.0 49.6

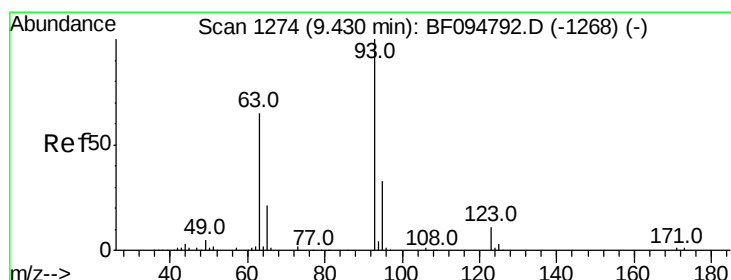
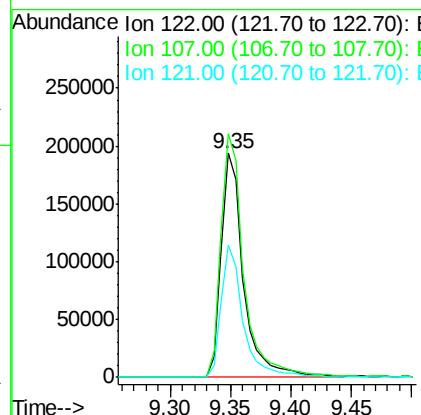
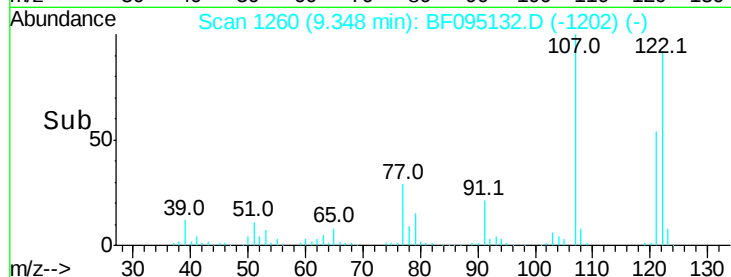
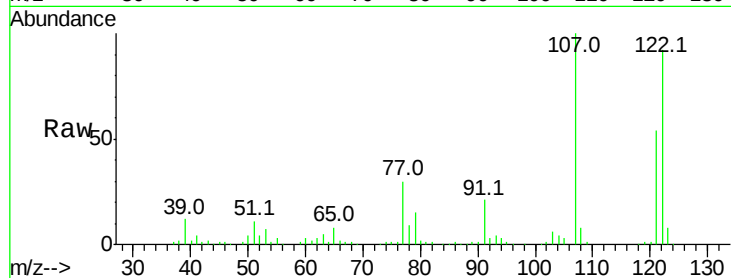




#27
 2,4-Dimethylphenol
 Concen: 51.26 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.04 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

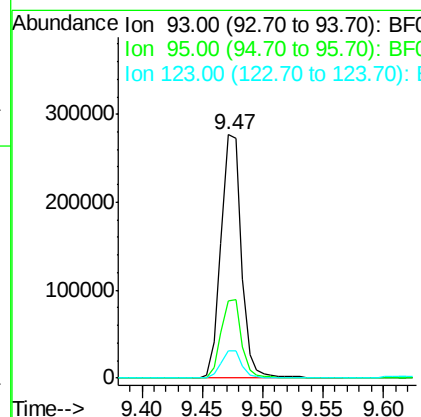
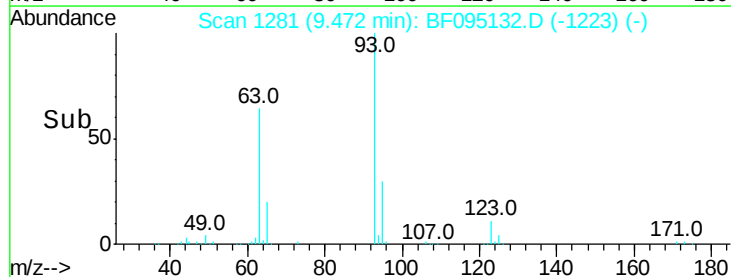
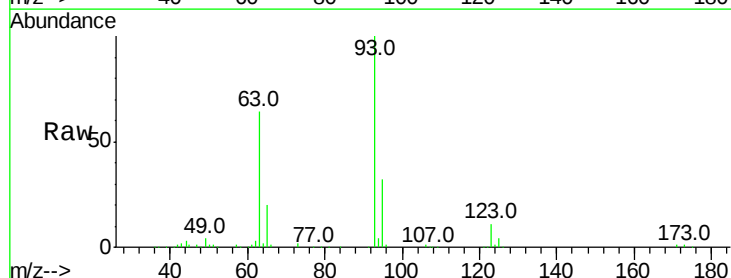
Instrument :
 BNA_F
 ClientSampled :

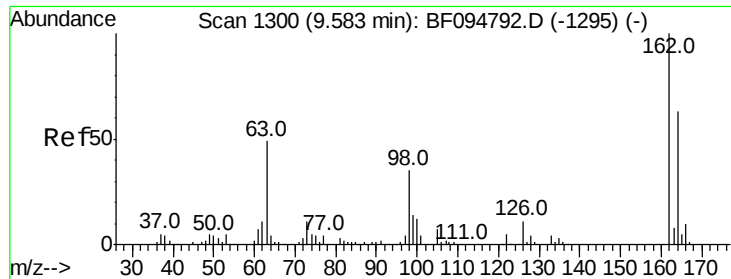
Tot Ion:	122	Resp:	246359
Ion	Ratio	Lower	Upper
122	100		
107	108.7	89.2	133.8
121	58.8	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.80 ng
 RT: 9.47 min Scan# 1281
 Delta R.T. 0.04 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:	93	Resp:	323291
Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.5	39.7
123	11.4	9.0	13.4

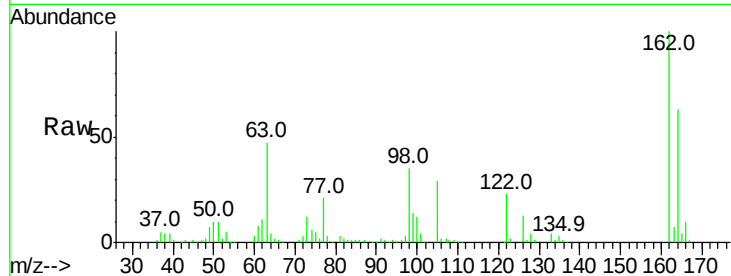




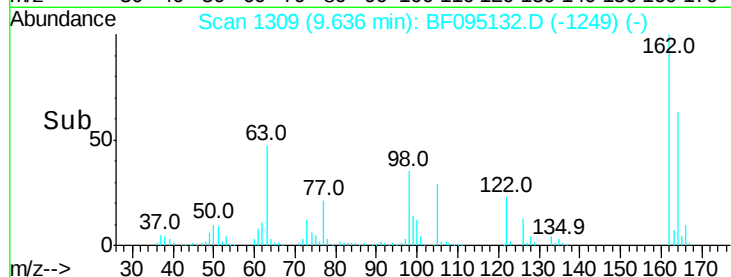
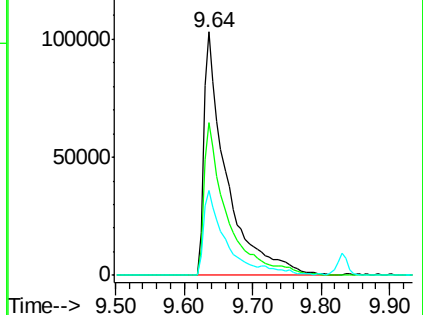
#29
 2,4-Dichlorophenol
 Concen: 52.49 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	34.7	14.8	54.8

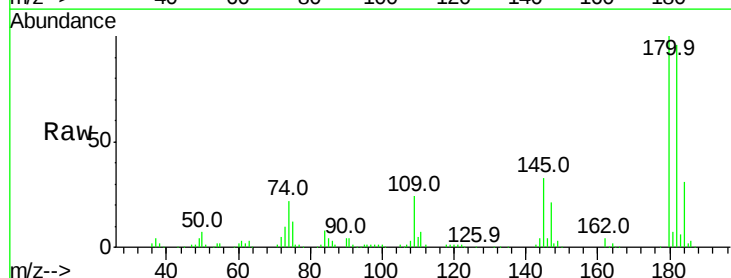


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

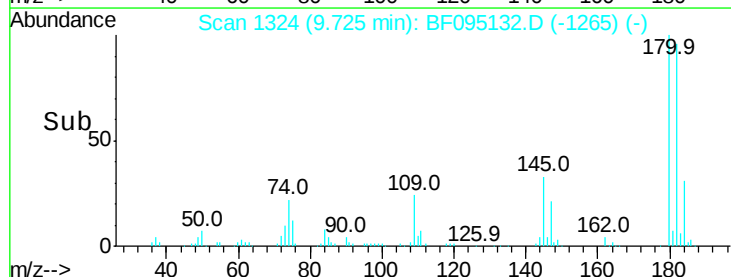
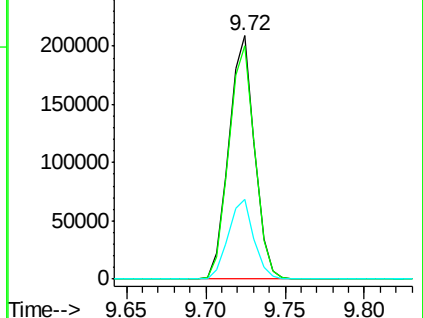


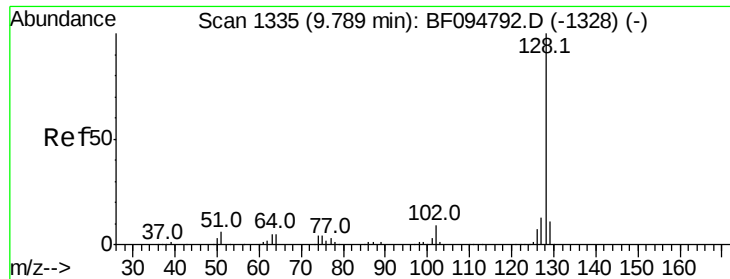
#30
 1,2,4-Trichlorobenzene
 Concen: 48.23 ng
 RT: 9.72 min Scan# 1324
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.6
145	32.6	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

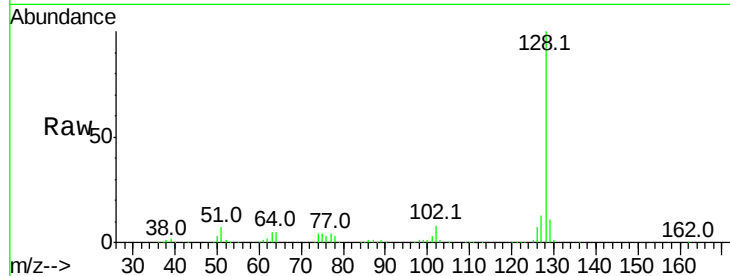




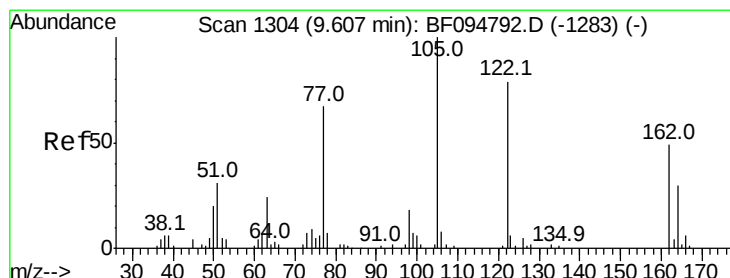
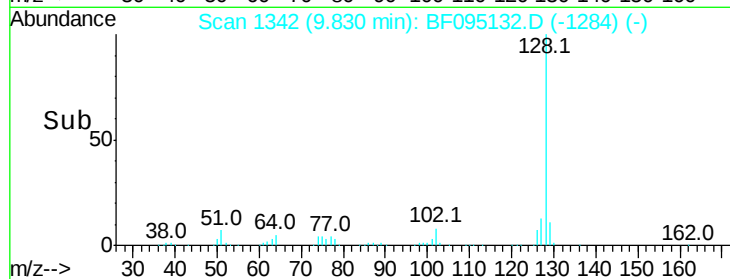
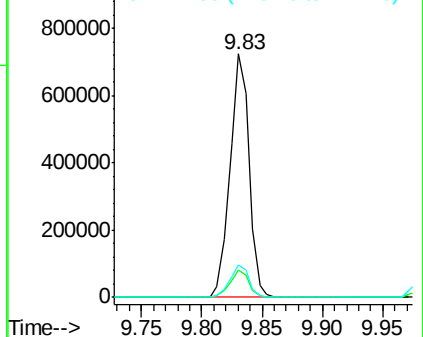
#31
Naphthalene
Concen: 47.85 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 797033
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.8 16.2

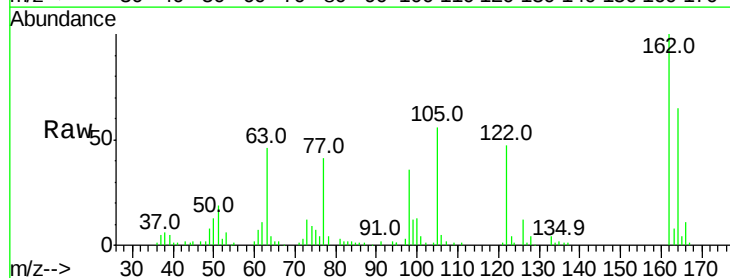


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

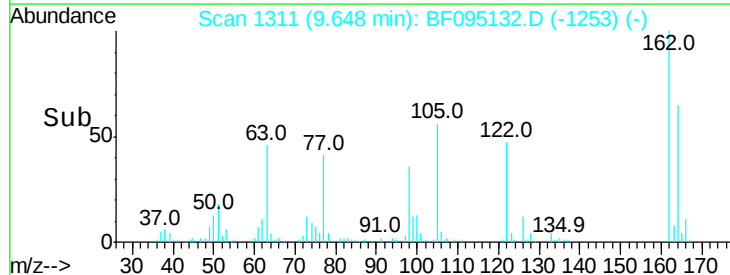
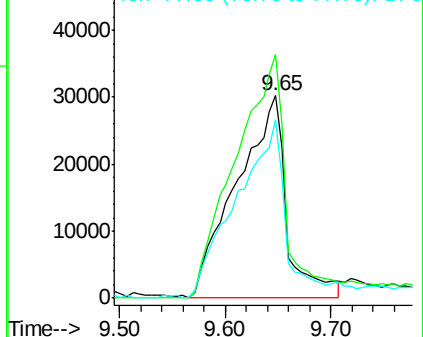


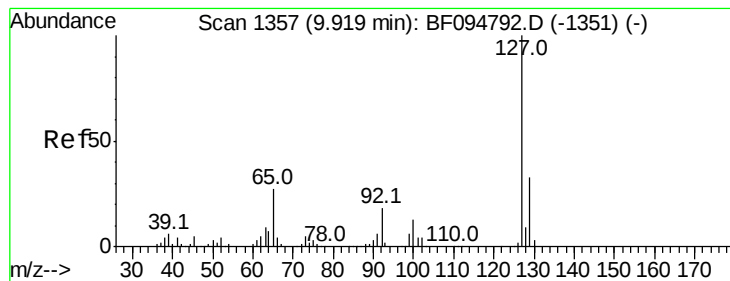
#32
Benzoic acid
Concen: 33.36 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion:122 Resp: 99797
Ion Ratio Lower Upper
122 100
105 120.2 103.3 143.3
77 88.3 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: 20.12 ng

RT: 9.98 min Scan# 1368

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 124926

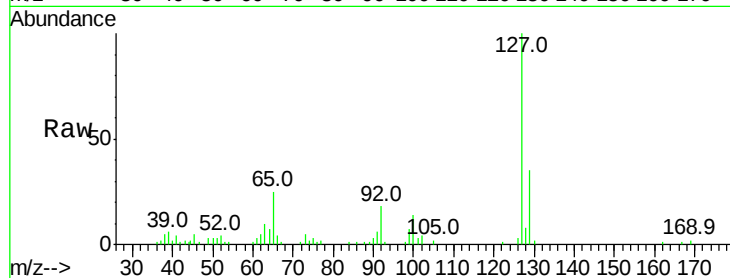
Ion Ratio Lower Upper

127 100

129 35.3 26.2 39.2

65 24.9 27.8 41.8#

92 18.3 16.8 25.2

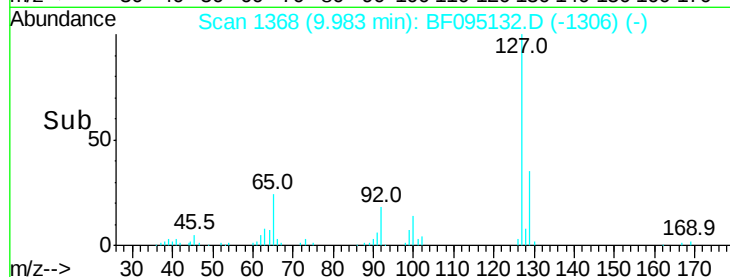


Abundance Ion 127.00 (126.70 to 127.70): E

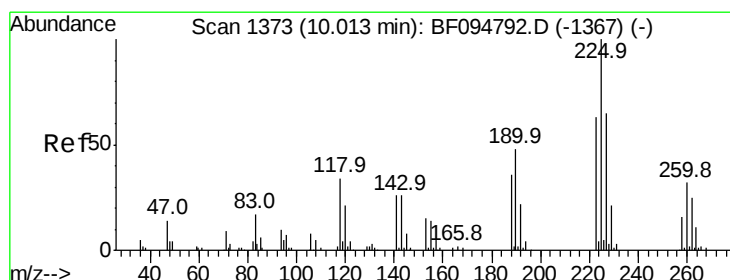
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 45.02 ng

RT: 10.05 min Scan# 1379

Delta R.T. 0.04 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

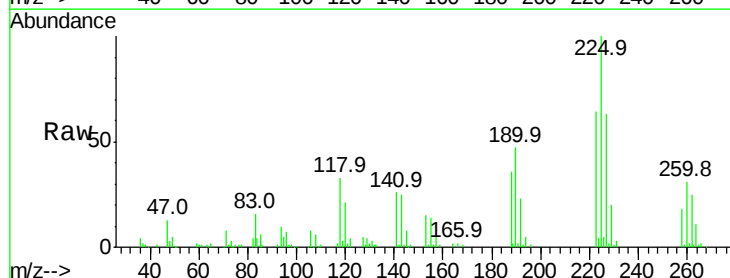
Tgt Ion:225 Resp: 115487

Ion Ratio Lower Upper

225 100

223 64.1 48.8 73.2

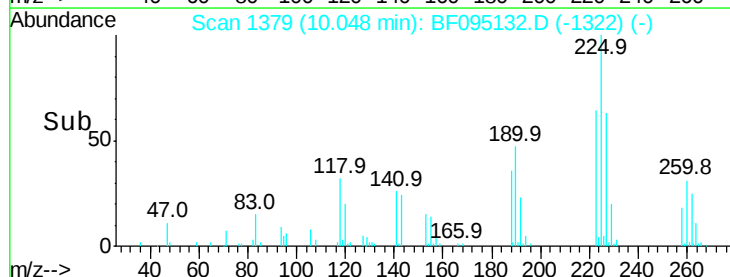
227 63.3 51.1 76.7



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



Time-->



#35

Caprolactam

Concen: 24.54 ng

RT: 10.60 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

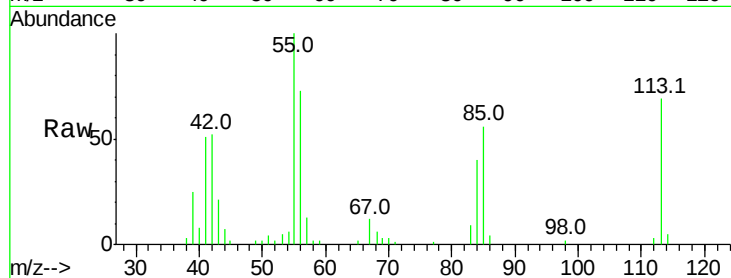
Tot Ion:113 Resp: 33435

Ion Ratio Lower Upper

113 100

55 145.4 150.2 190.2#

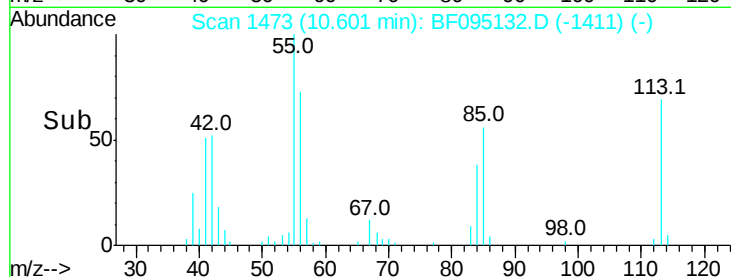
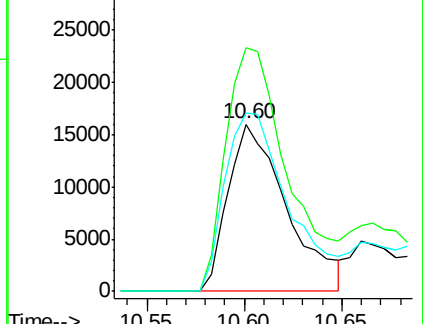
56 106.3 107.8 147.8#



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: 50.03 ng

RT: 10.82 min Scan# 1511

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

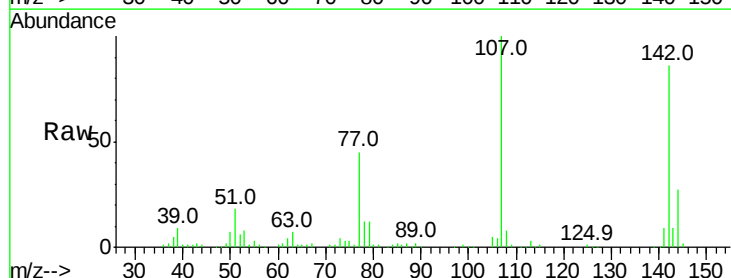
Tgt Ion:107 Resp: 242732

Ion Ratio Lower Upper

107 100

144 27.5 24.2 36.4

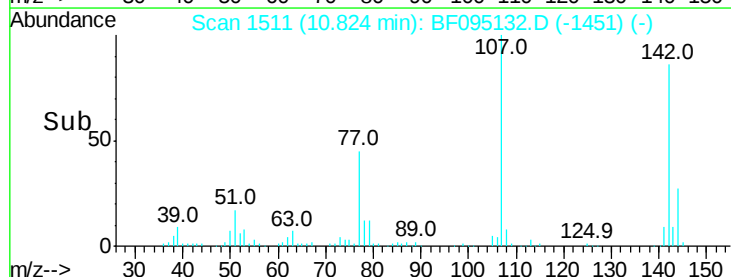
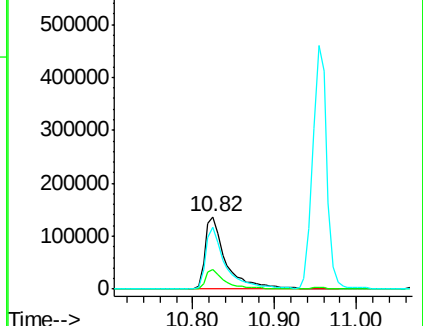
142 85.6 73.4 110.0

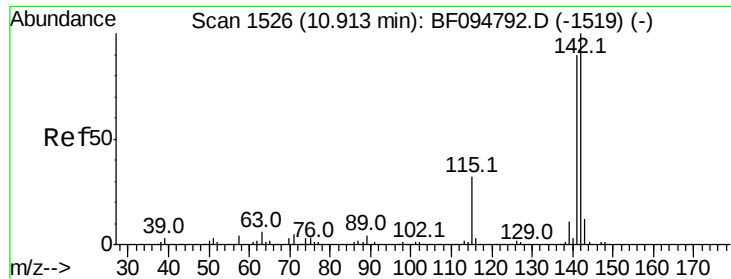


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

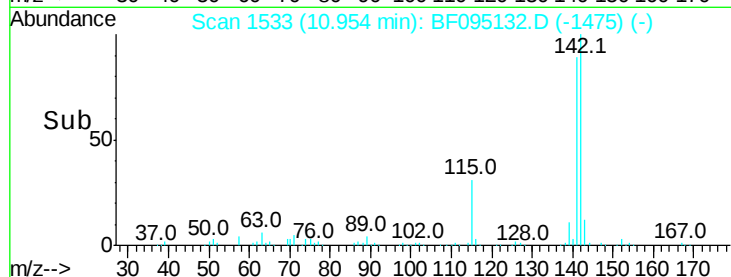
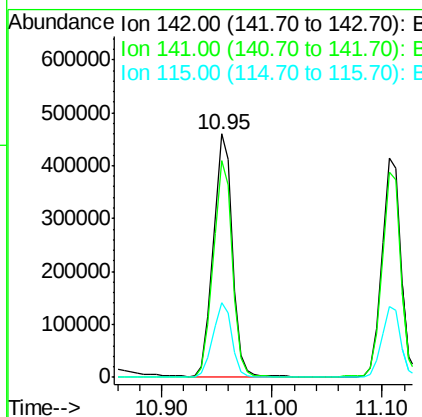
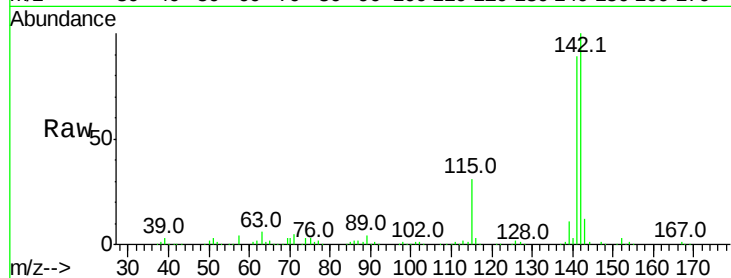




#37
2-Methylnaphthalene
Concen: 49.86 ng
RT: 10.95 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

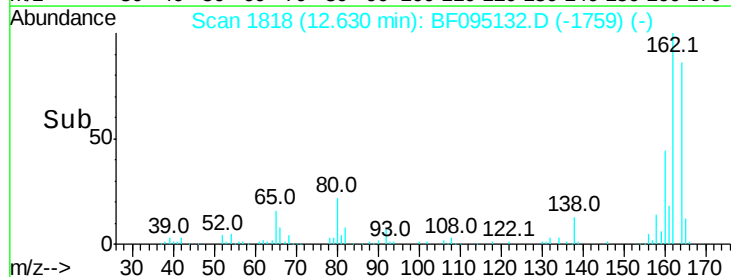
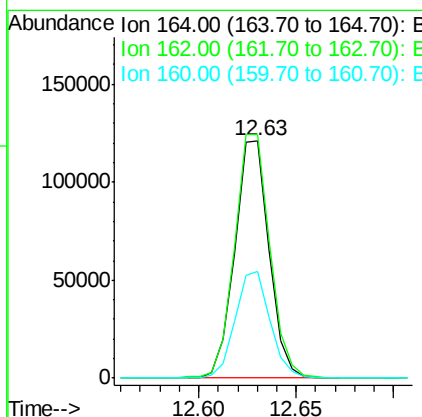
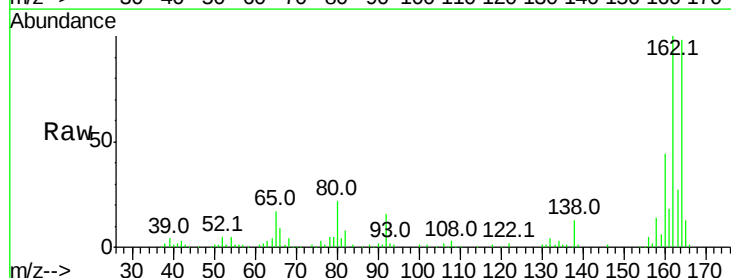
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 545120
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9
115 30.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1818
Delta R.T. 0.05 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion:164 Resp: 147724
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 44.6 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.84 ng

RT: 11.23 min Scan# 1580

Delta R.T. 0.04 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 217348

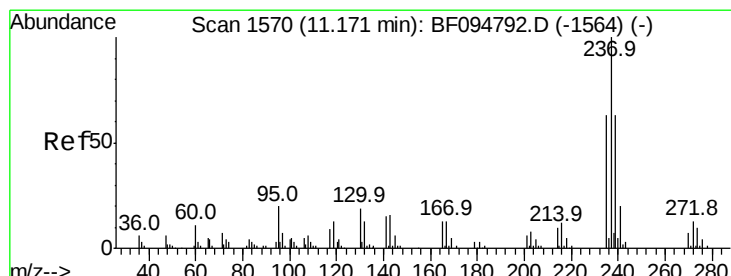
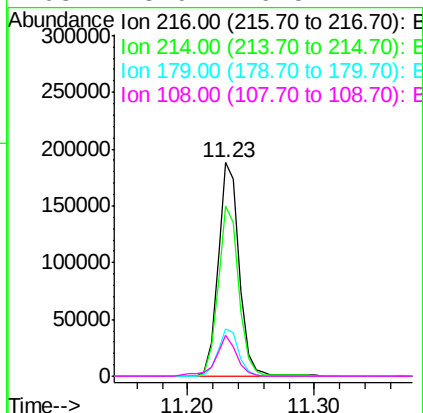
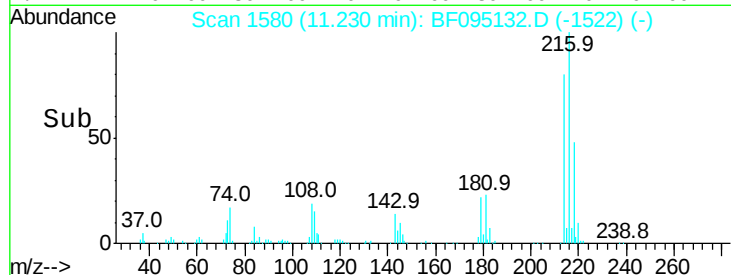
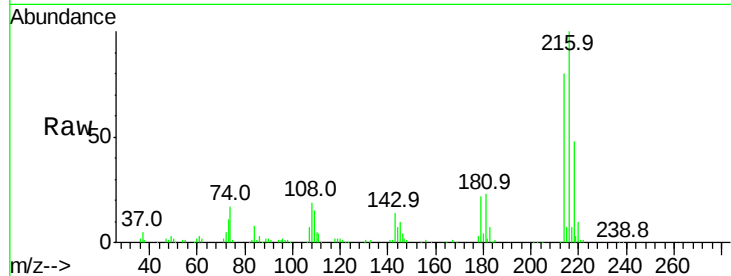
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	22.0	17.9	26.9
108	18.9	16.5	24.7

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: 47.11 ng

RT: 11.21 min Scan# 1576

Delta R.T. 0.04 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

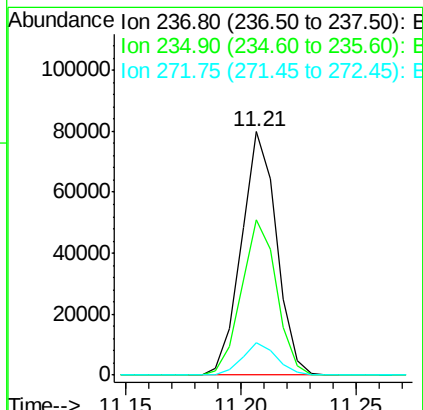
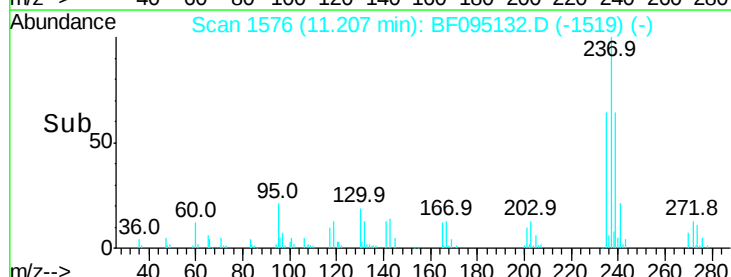
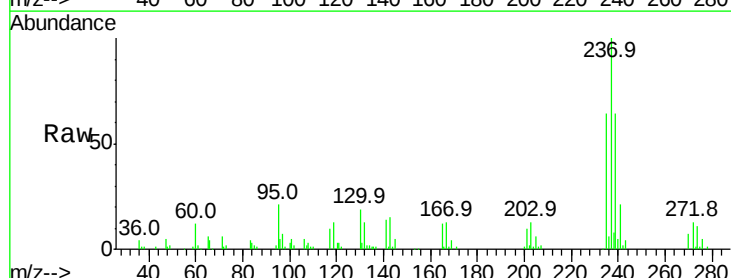
Tgt Ion:237 Resp: 84835

Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.6	82.6
272	13.4	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

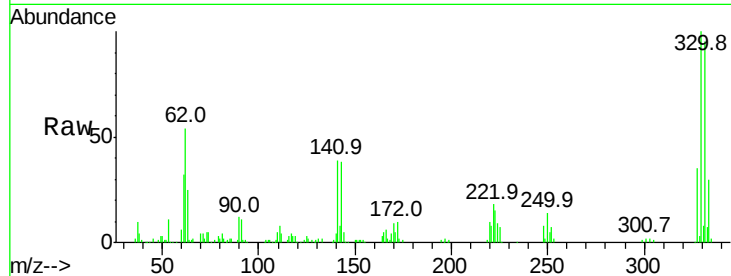




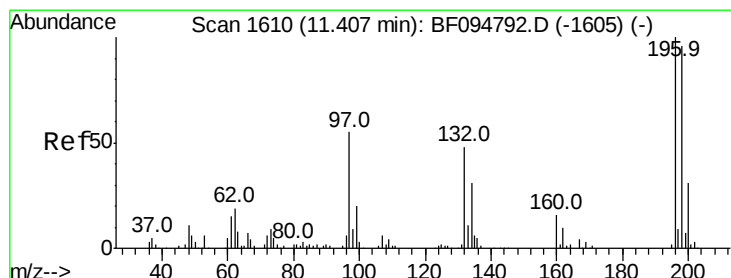
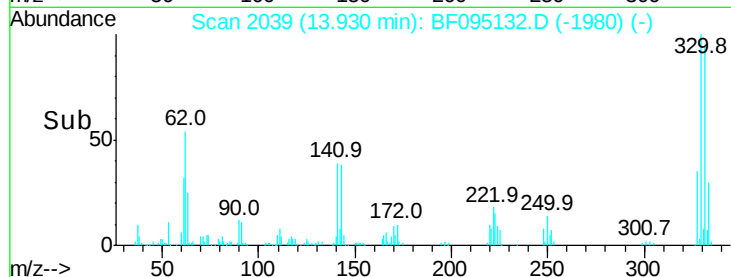
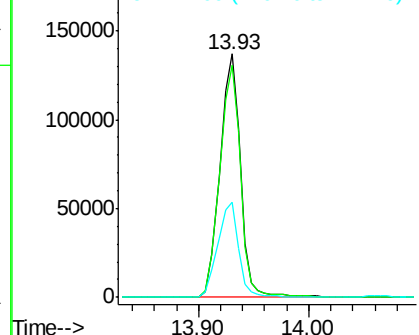
#41
 2,4,6-Tribromophenol
 Concen: 145.93 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 176549
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 39.8 31.4 47.2

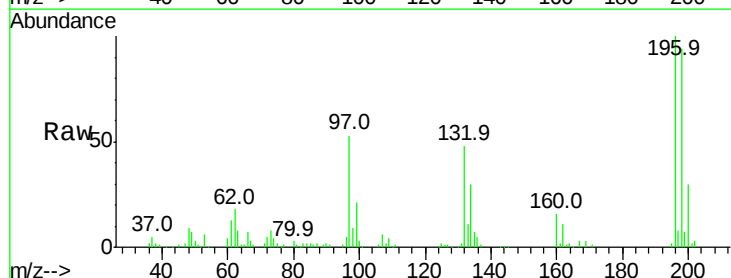


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

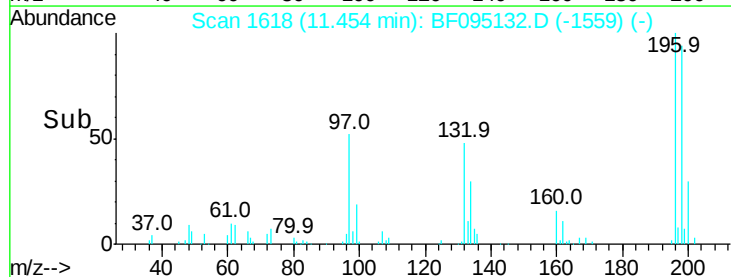
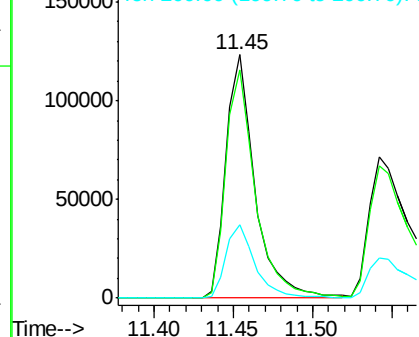


#42
 2,4,6-Trichlorophenol
 Concen: 51.84 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:196 Resp: 157251
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.2 111.4
 200 30.1 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

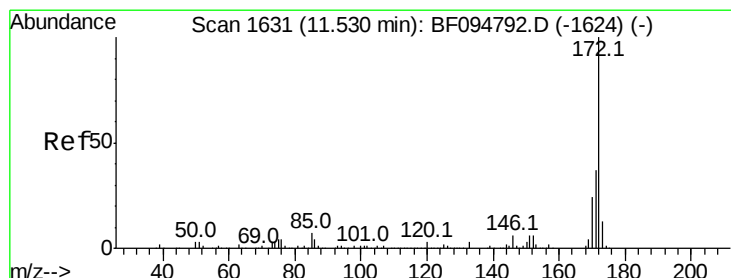
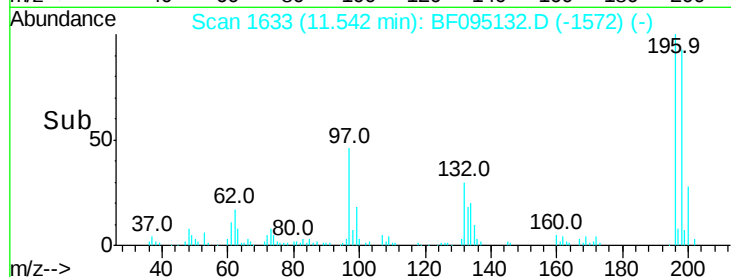
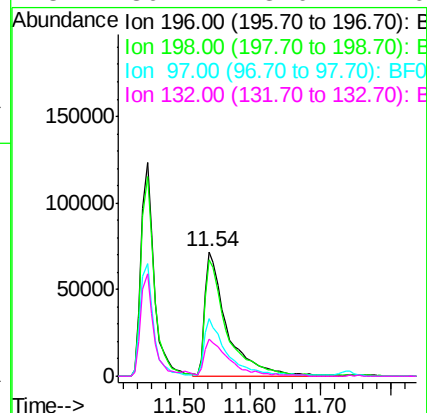
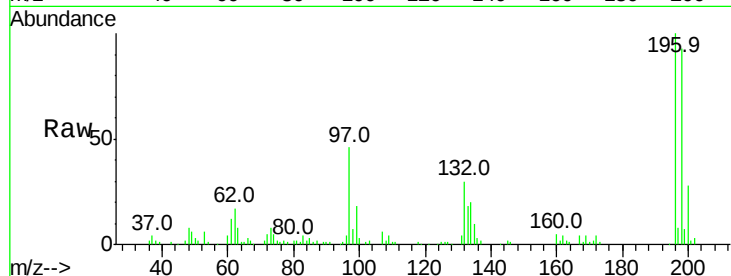




#43
 2,4,5-Trichlorophenol
 Concen: 48.06 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.06 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

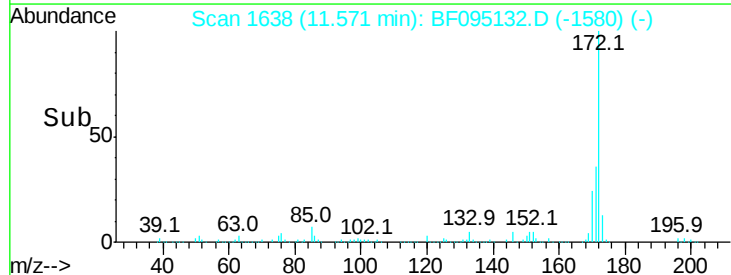
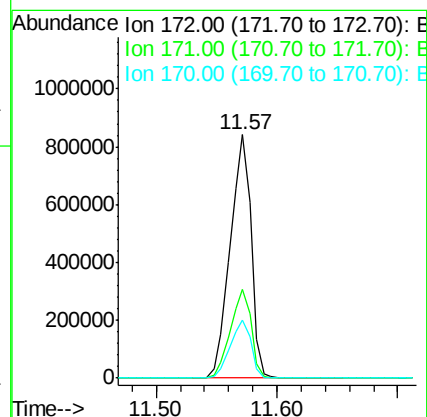
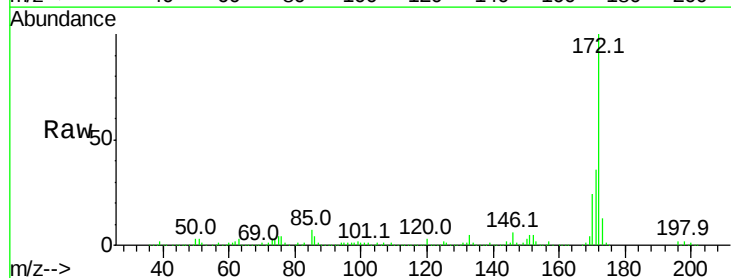
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.7	113.5
97	46.1	47.7	71.5#
132	30.1	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 98.40 ng
 RT: 11.57 min Scan# 1638
 Delta R.T. 0.04 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8





#45

1,1'-Biphenyl

Concen: 49.50 ng

RT: 11.72 min Scan# 1664

Delta R.T. 0.04 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

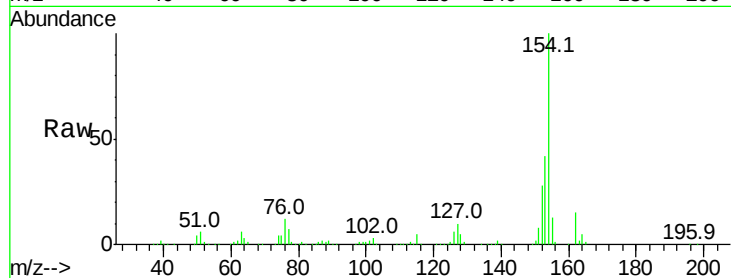
Tot Ion:154 Resp: 615688

Ion Ratio Lower Upper

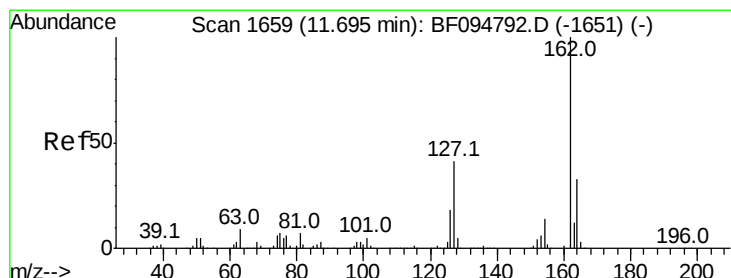
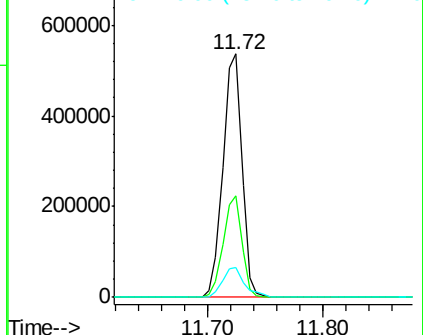
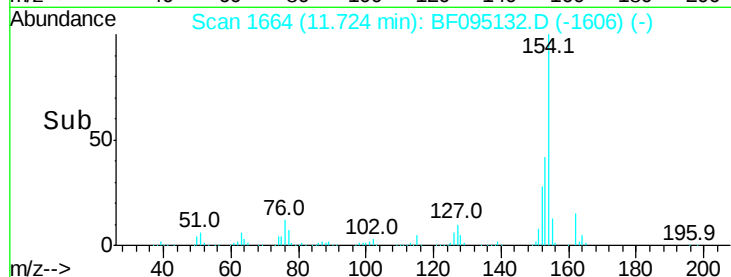
154 100

153 41.8 21.2 61.2

76 12.4 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: 48.24 ng

RT: 11.74 min Scan# 1667

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

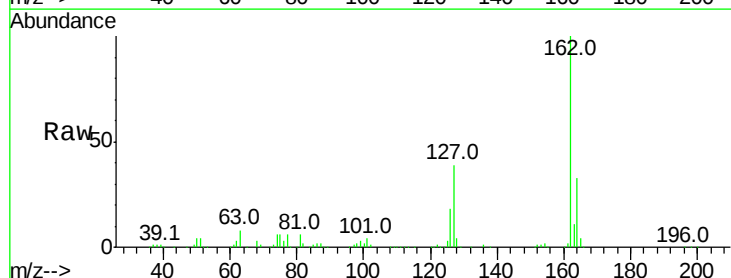
Tgt Ion:162 Resp: 484490

Ion Ratio Lower Upper

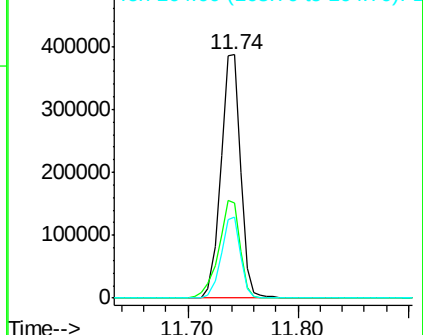
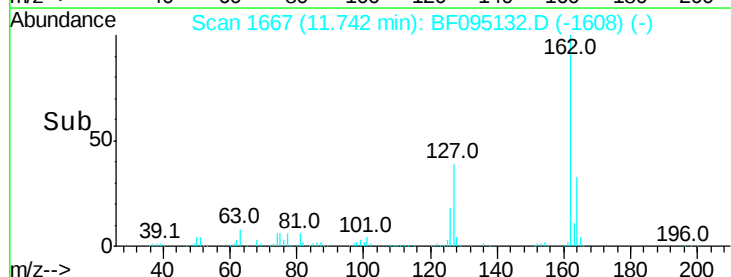
162 100

127 39.0 28.3 42.5

164 33.2 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: 48.44 ng

RT: 11.95 min Scan# 1703

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

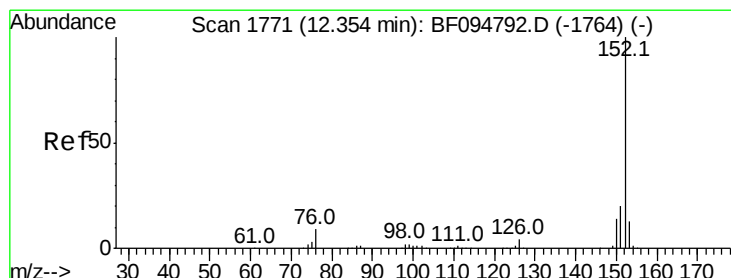
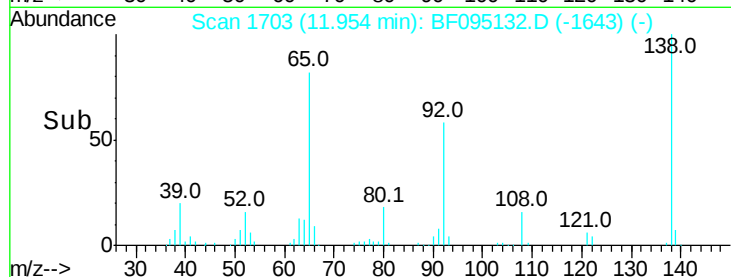
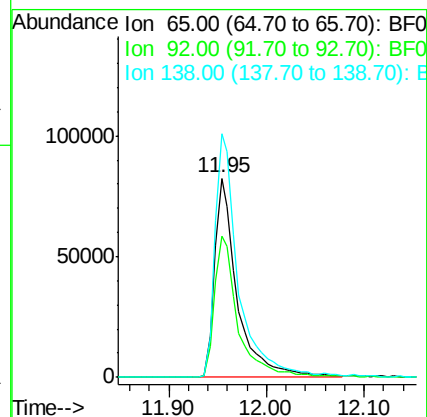
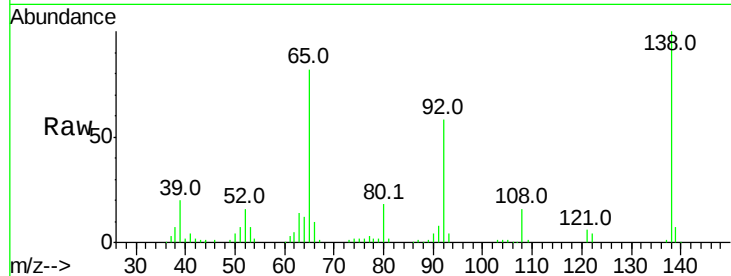
Tot Ion: 65 Resp: 133149

Ion Ratio Lower Upper

65 100

92 71.0 53.9 80.9

138 122.3 78.8 118.2#



#48

Acenaphthylene

Concen: 48.07 ng

RT: 12.40 min Scan# 1779

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

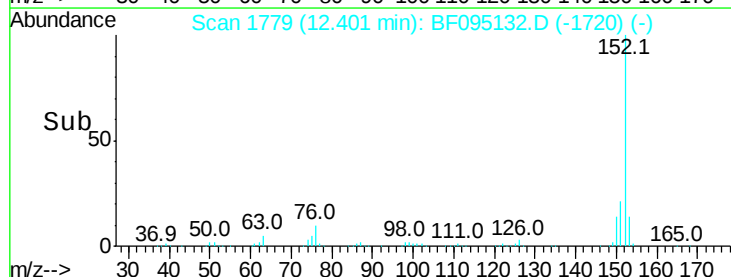
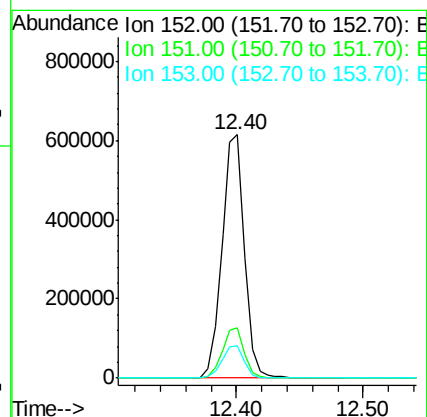
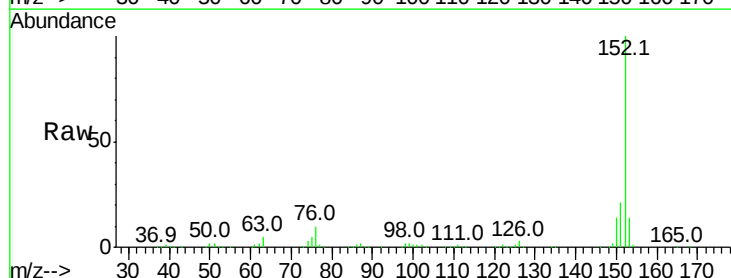
Tgt Ion:152 Resp: 756125

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 59.48 ng

RT: 12.27 min Scan# 1757

Delta R.T. 0.04 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

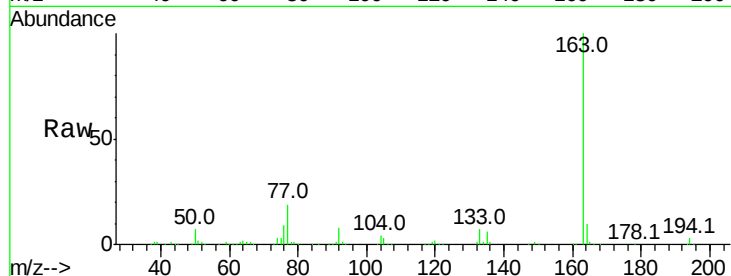
Tot Ion:163 Resp: 721325

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

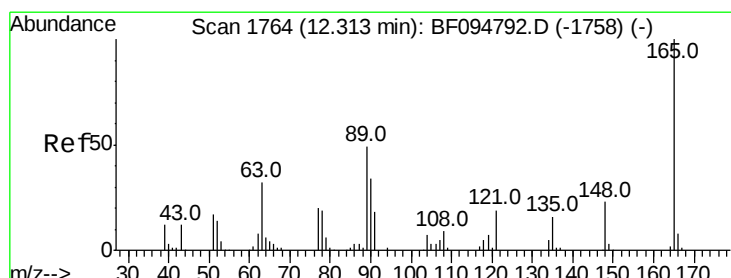
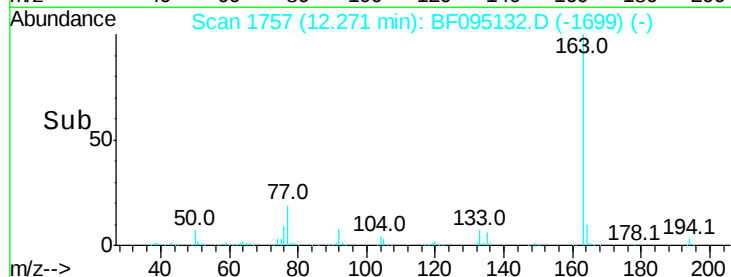
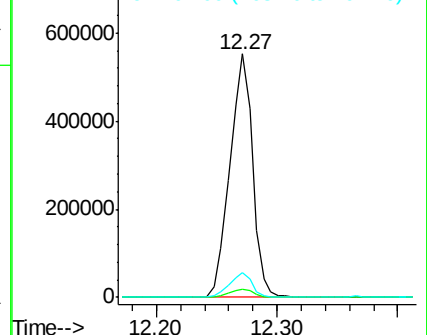
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.28 ng

RT: 12.37 min Scan# 1773

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

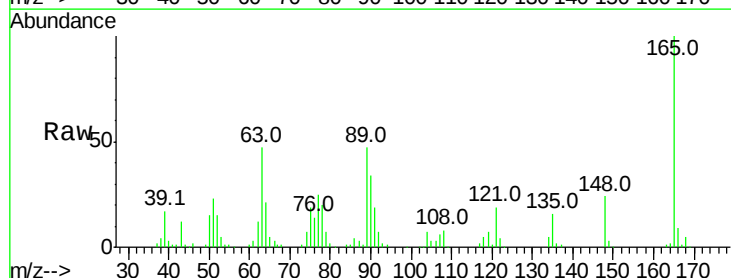
Tgt Ion:165 Resp: 126863

Ion Ratio Lower Upper

165 100

63 47.1 34.3 51.5

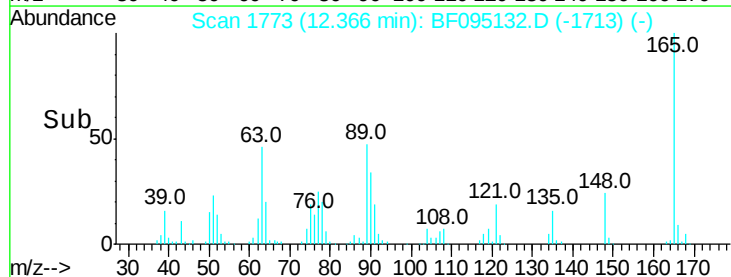
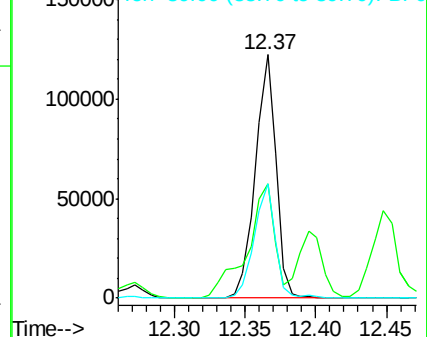
89 47.1 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.21 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.04 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

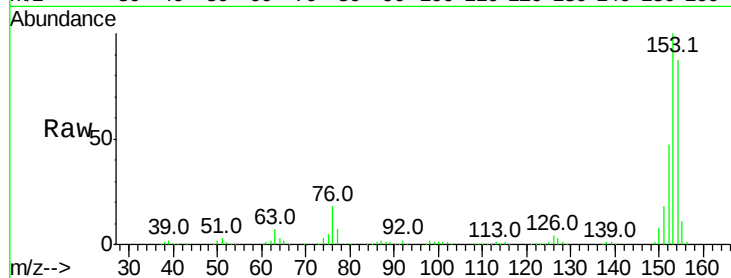
Tot Ion:154 Resp: 443524

Ion Ratio Lower Upper

154 100

153 115.4 90.5 135.7

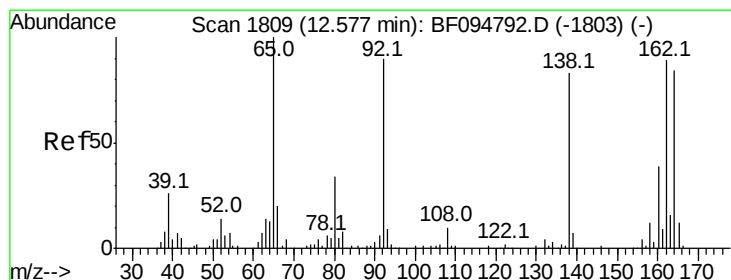
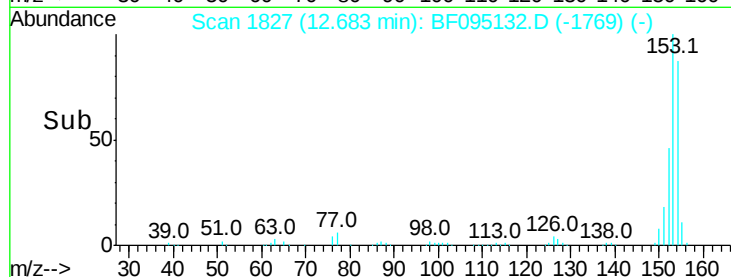
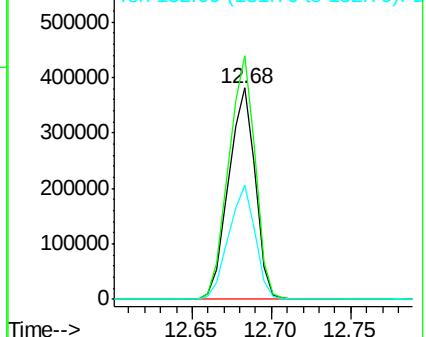
152 54.3 43.6 65.4



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: 30.76 ng

RT: 12.64 min Scan# 1820

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

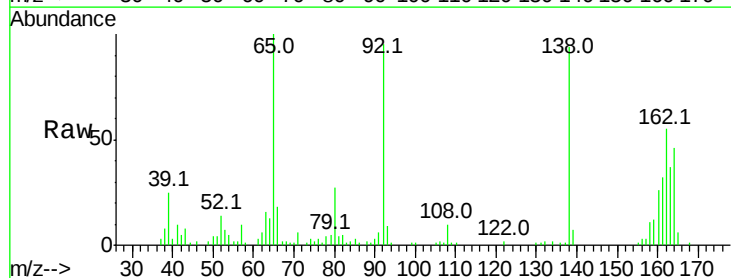
Tgt Ion:138 Resp: 81672

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

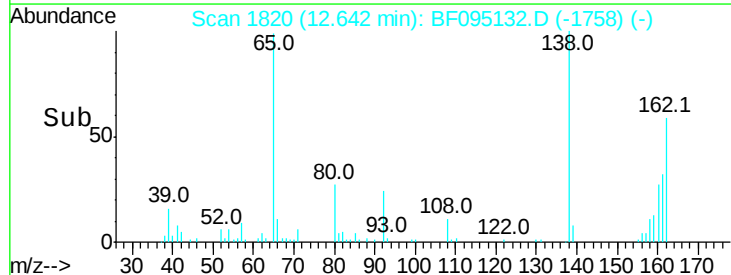
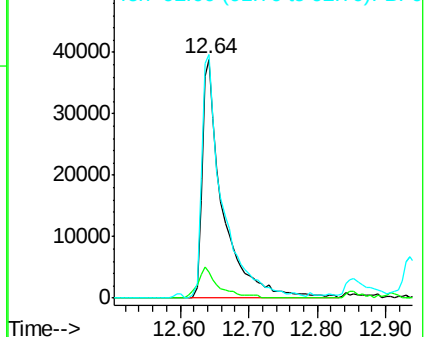
92 102.0 93.8 140.6

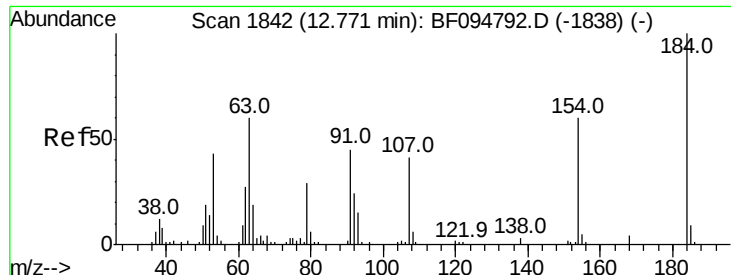


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

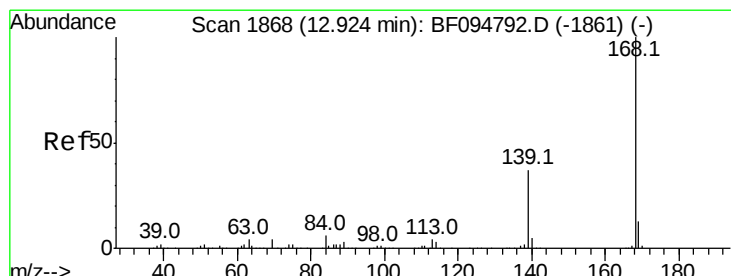
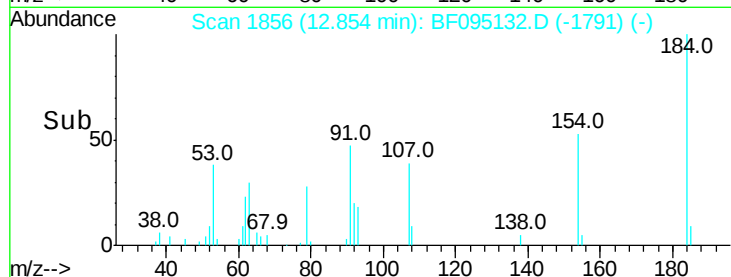
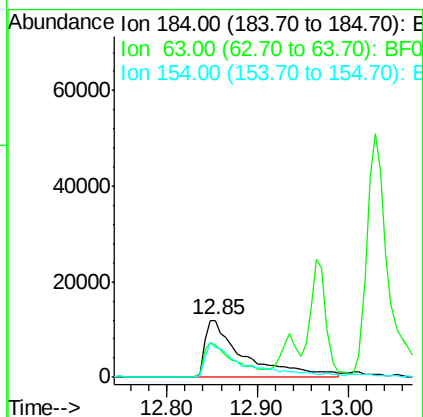
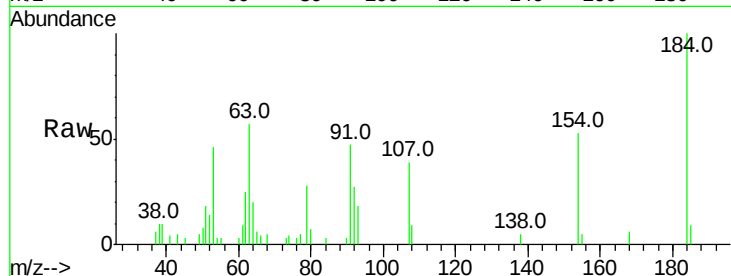




#53
 2,4-Dinitrophenol
 Concen: 30.70 ng
 RT: 12.85 min Scan# 1856
 Delta R.T. 0.08 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

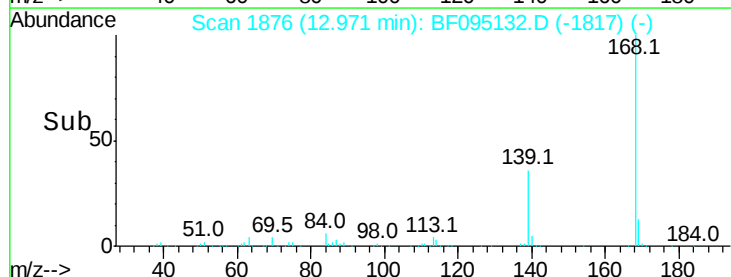
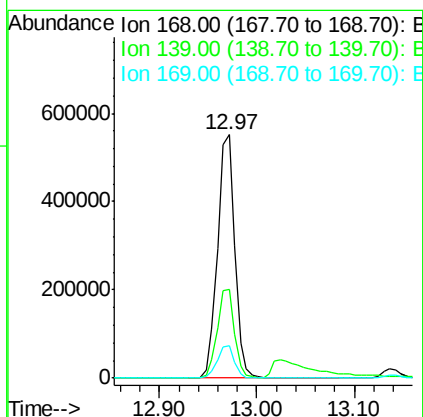
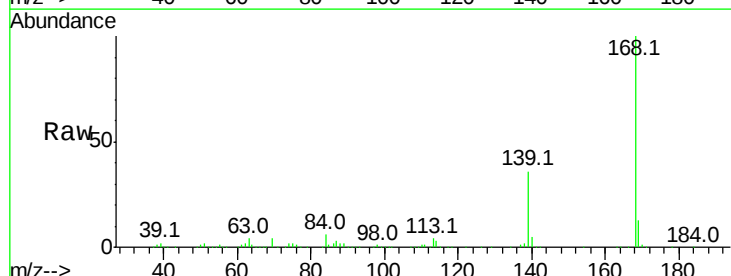
Instrument :
 BNA_F
 ClientSampleId :

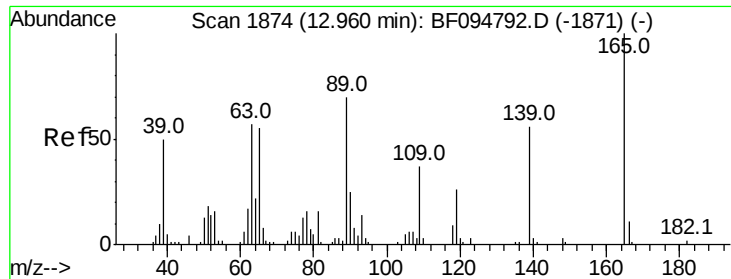
Tot Ion:184 Resp: 36138
 Ion Ratio Lower Upper
 184 100
 63 56.5 62.7 94.1#
 154 52.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 52.37 ng
 RT: 12.97 min Scan# 1876
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:168 Resp: 680904
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.6 45.8
 169 13.4 10.8 16.2

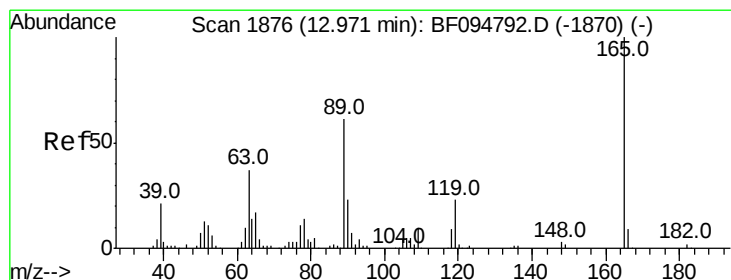
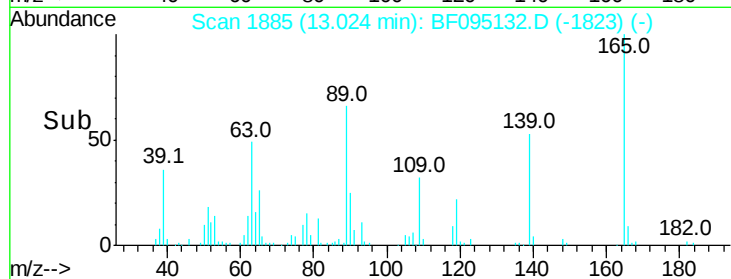
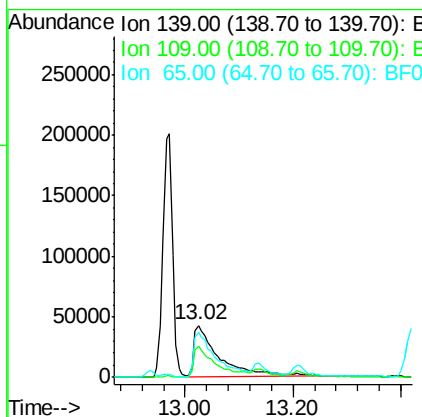
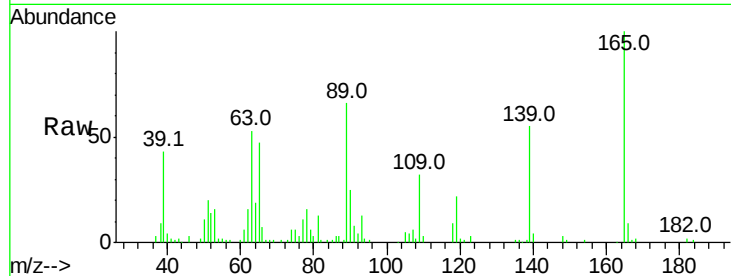




#55
4-Nitrophenol
Concen: 89.60 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.06 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

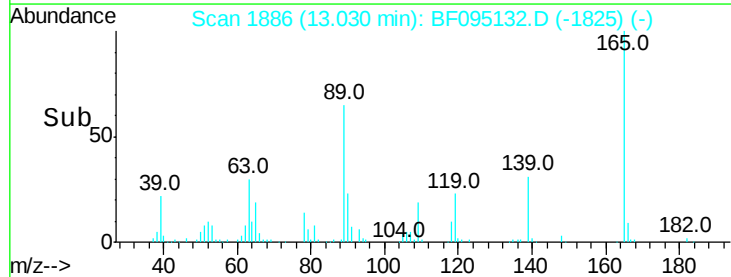
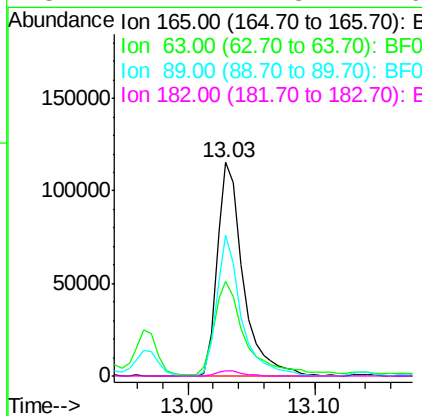
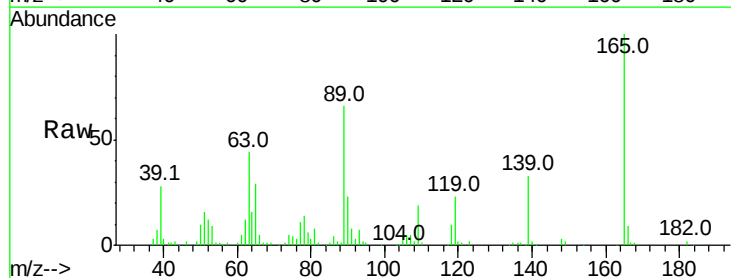
Instrument :
BNA_F
ClientSampled :

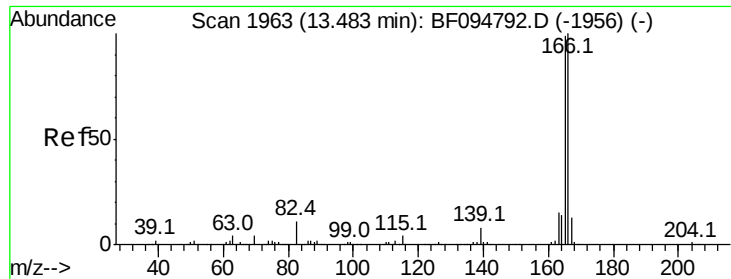
Tot Ion:139 Resp: 142912
Ion Ratio Lower Upper
139 100
109 58.6 34.1 74.1
65 86.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 51.87 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion:165 Resp: 164902
Ion Ratio Lower Upper
165 100
63 44.2 25.4 38.0#
89 66.1 46.4 69.6
182 2.4 1.8 2.6

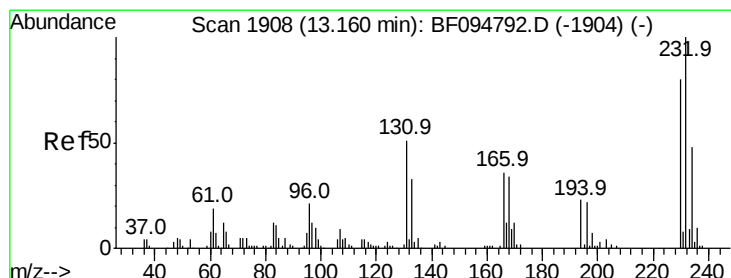
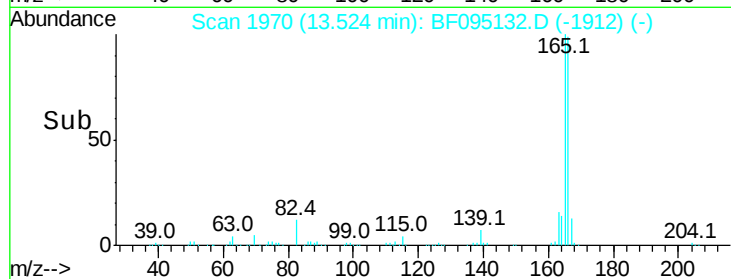
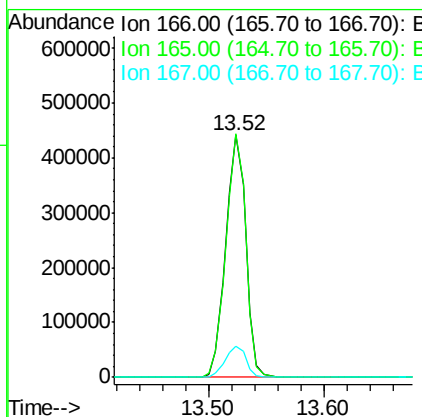
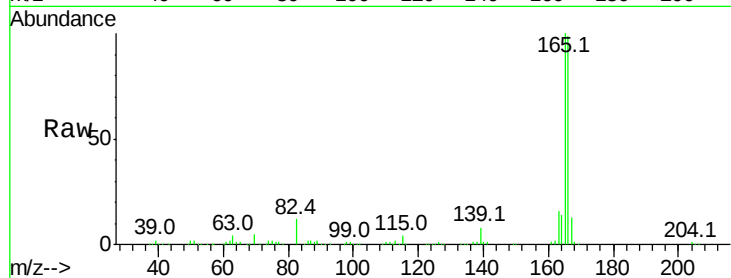




#57
 Fluorene
 Concen: 47.18 ng
 RT: 13.52 min Scan# 1970
 Delta R.T. 0.04 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

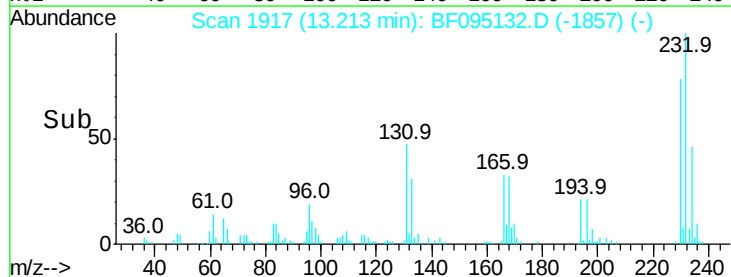
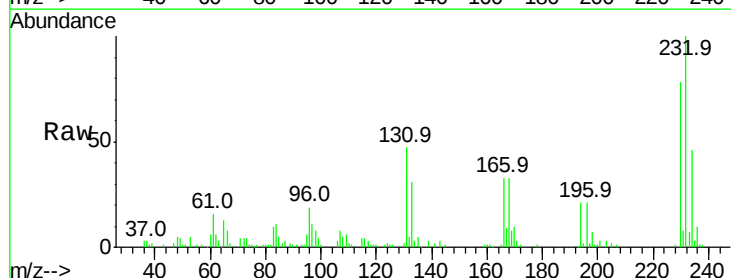
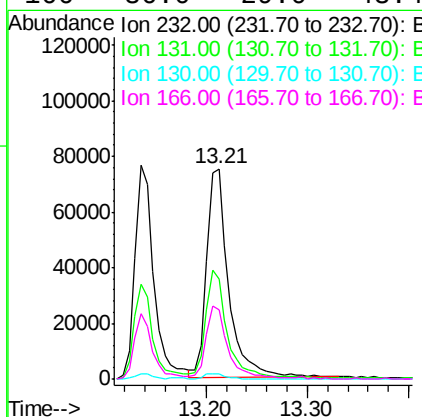
Instrument :
 BNA_F
 ClientSampleId :

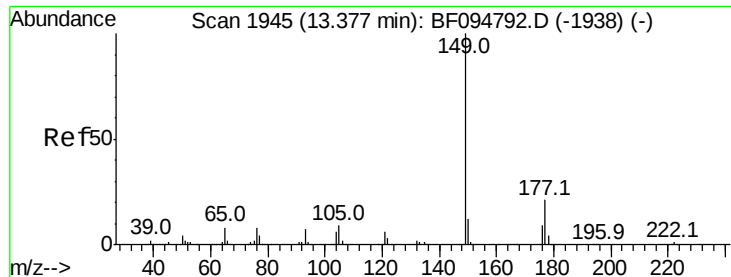
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.8	118.2
167	12.9	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.62 ng
 RT: 13.21 min Scan# 1917
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	44.8	67.2
130	2.5	2.3	3.5
166	36.0	29.0	43.4

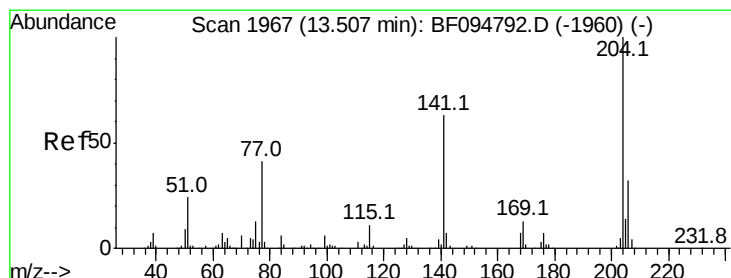
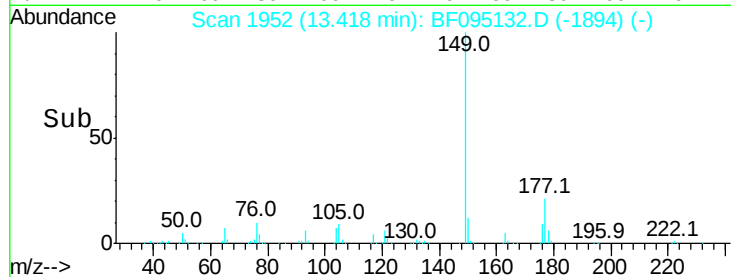
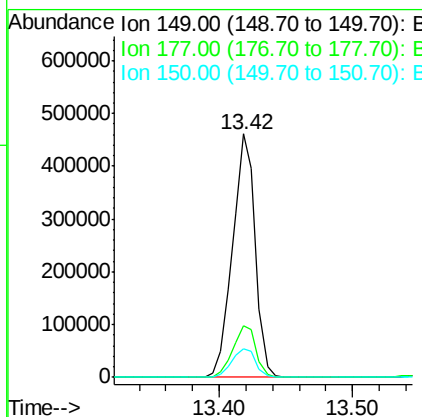
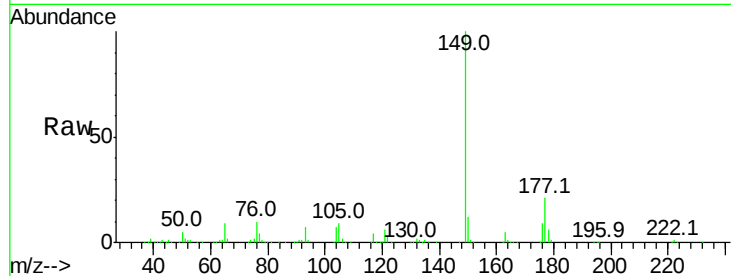




#59
Diethylphthalate
Concen: 47.17 ng
RT: 13.42 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

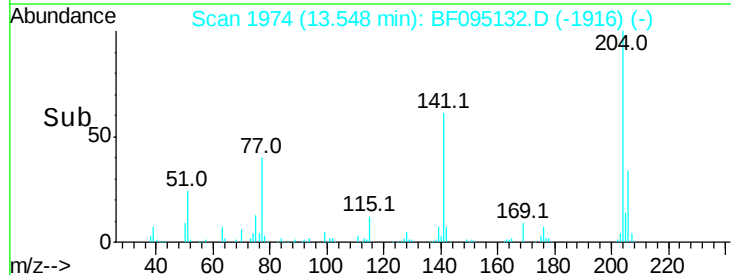
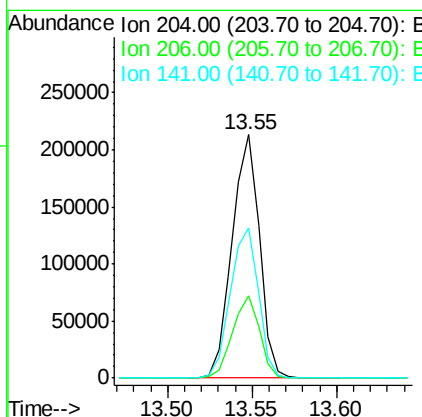
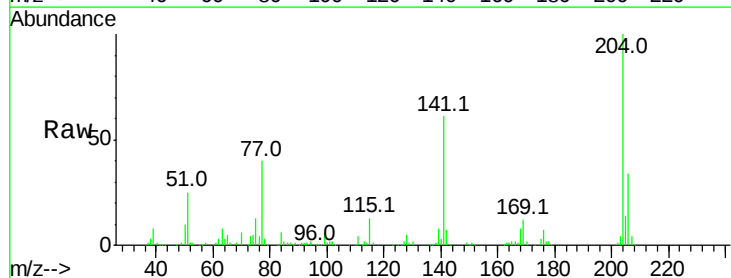
Instrument :
BNA_F
ClientSampleId :

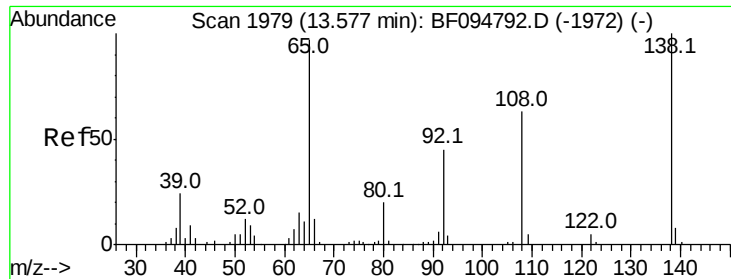
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	11.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.27 ng
RT: 13.55 min Scan# 1974
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	61.5	60.8	91.2

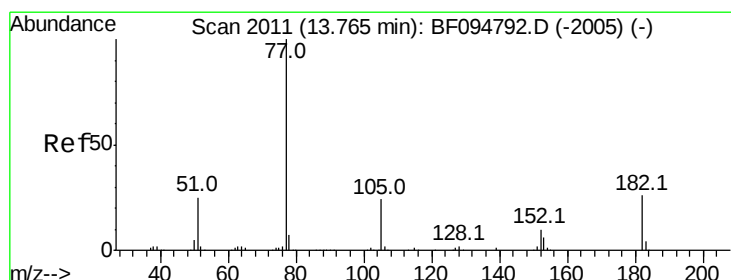
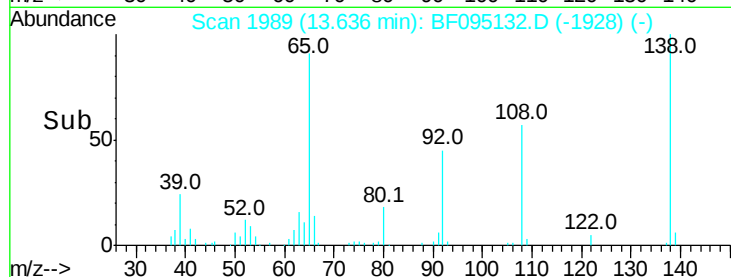
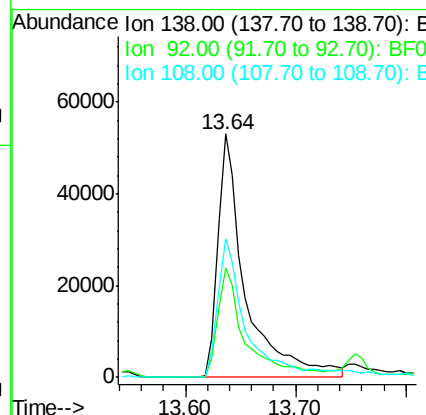
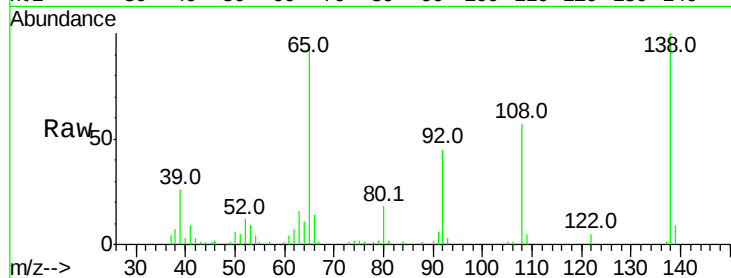




#61
4-Nitroaniline
Concen: 37.61 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

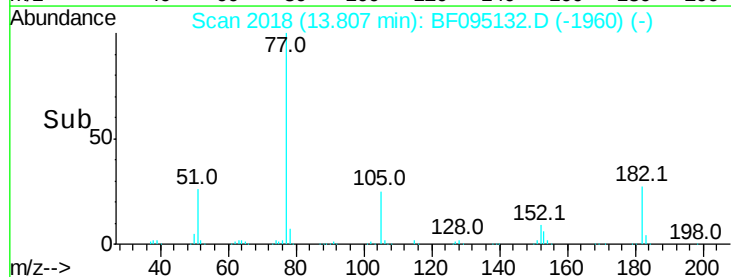
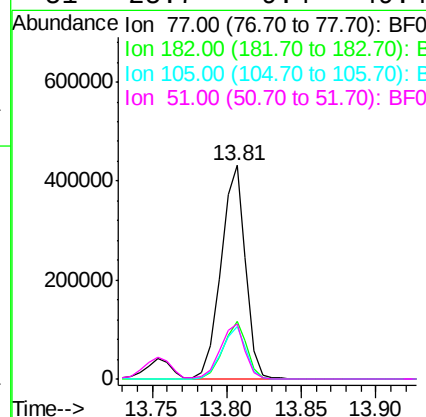
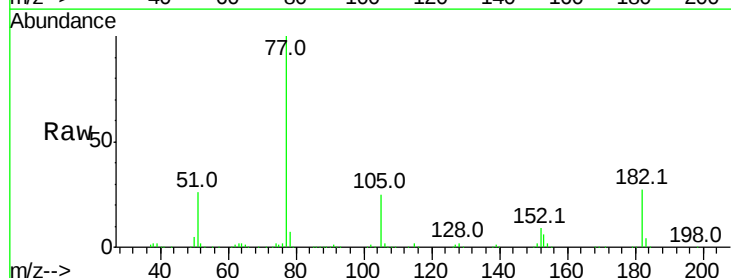
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 91680
Ion Ratio Lower Upper
138 100
92 45.0 21.8 61.8
108 57.0 42.3 82.3



#62
Azobenzene
Concen: 53.20 ng
RT: 13.81 min Scan# 2018
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion: 77 Resp: 496893
Ion Ratio Lower Upper
77 100
182 26.7 0.1 40.1
105 24.5 3.6 43.6
51 25.7 9.4 49.4

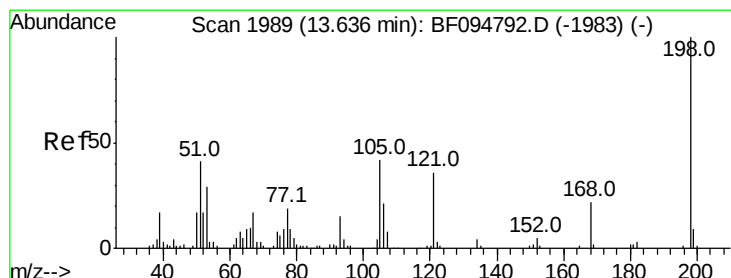
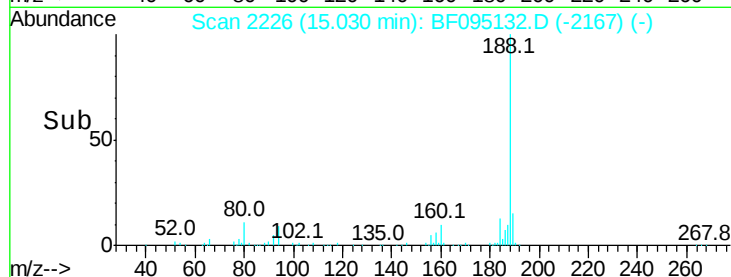
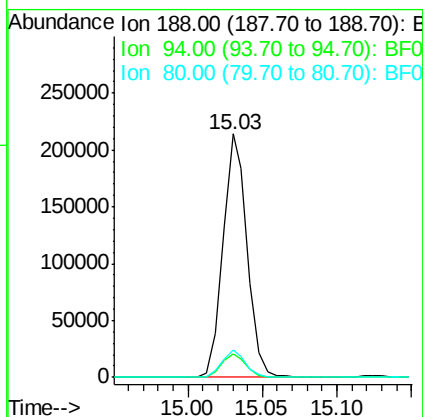
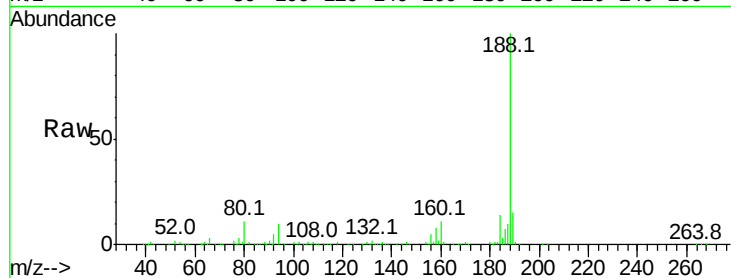




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

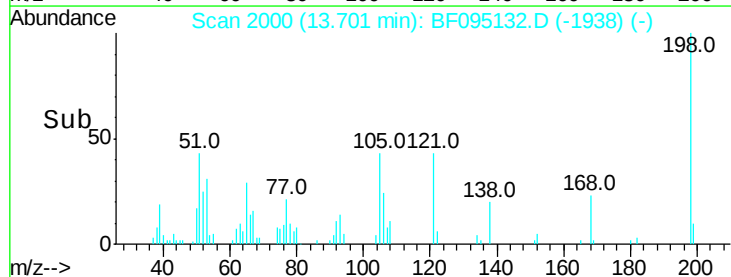
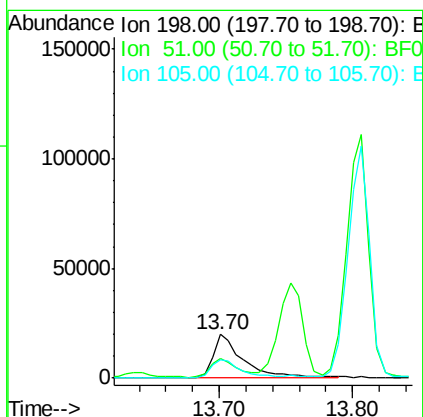
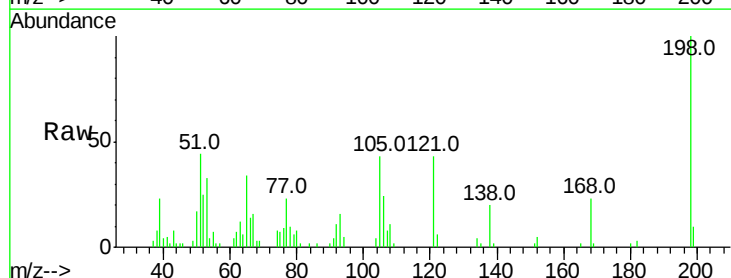
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 242765
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 19.45 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.06 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion:198 Resp: 31650
Ion Ratio Lower Upper
198 100
51 44.2 53.2 93.2#
105 42.5 45.8 85.8#

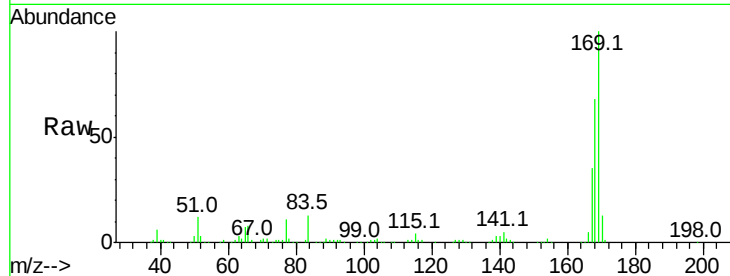




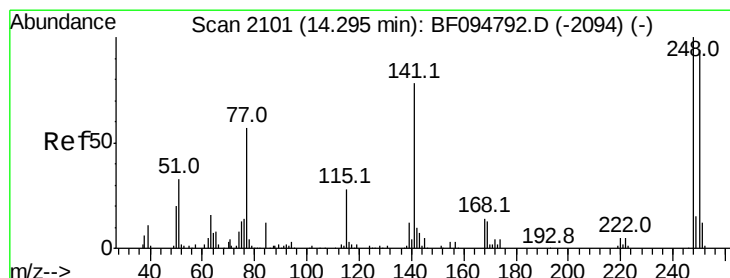
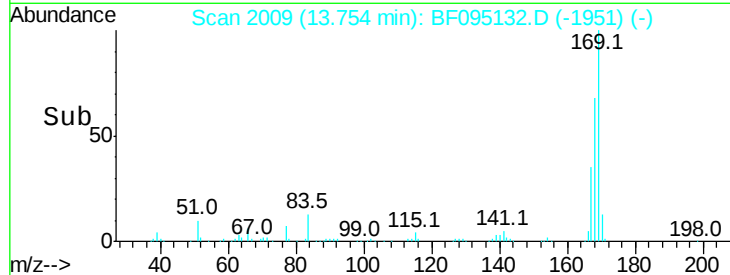
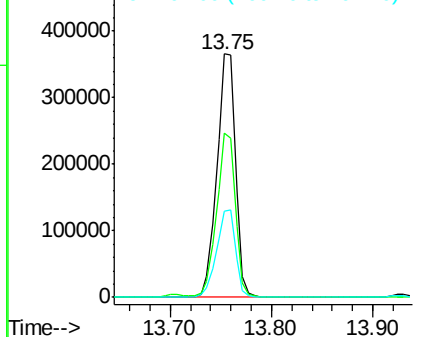
#65
n-Nitrosodiphenylamine
Concen: 52.92 ng
RT: 13.75 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 466314
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 35.5 29.5 44.3

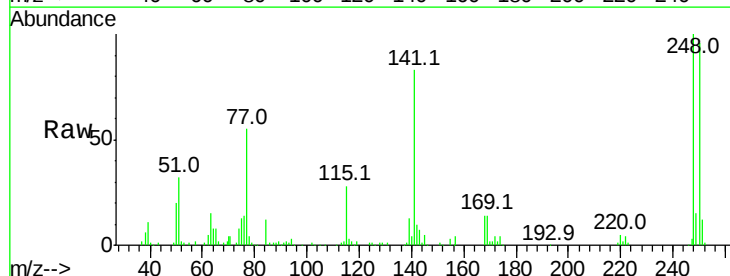


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

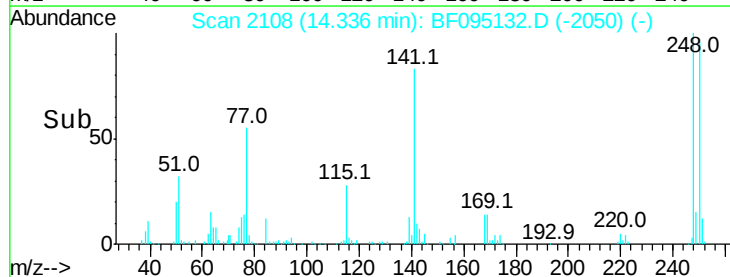
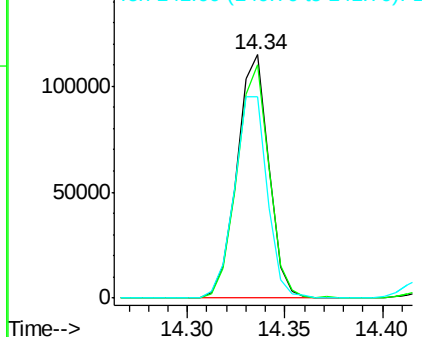


#66
4-Bromophenyl-phenylether
Concen: 50.66 ng
RT: 14.34 min Scan# 2108
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion:248 Resp: 129945
Ion Ratio Lower Upper
248 100
250 96.1 76.8 115.2
141 82.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.53 ng

RT: 14.42 min Scan# 2122

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

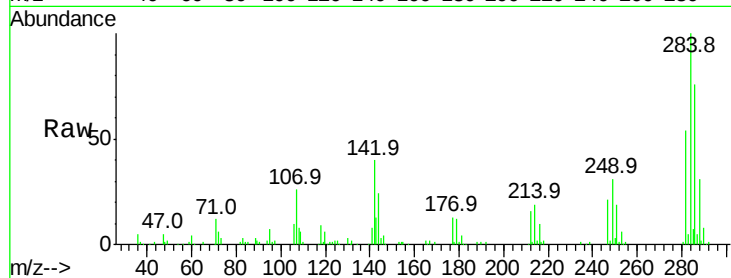
Tot Ion:284 Resp: 124934

Ion Ratio Lower Upper

284 100

142 40.2 22.8 34.2#

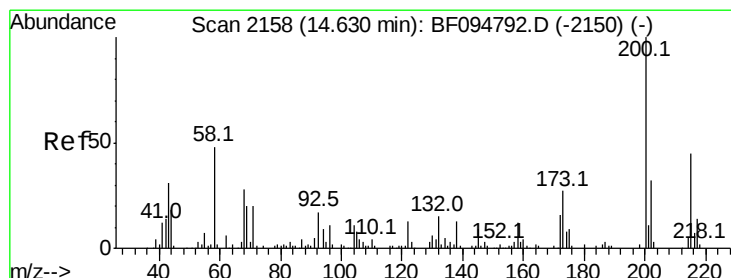
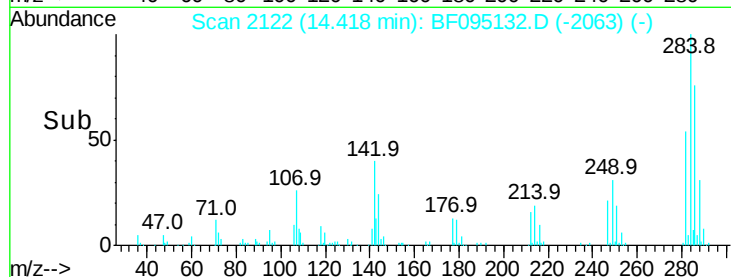
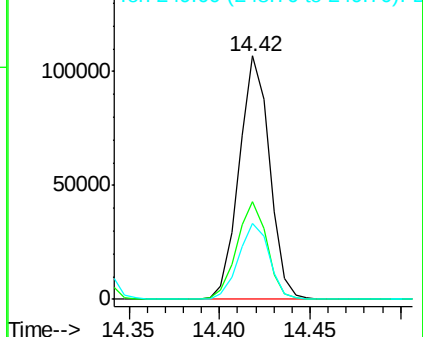
249 30.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.51 ng

RT: 14.68 min Scan# 2166

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

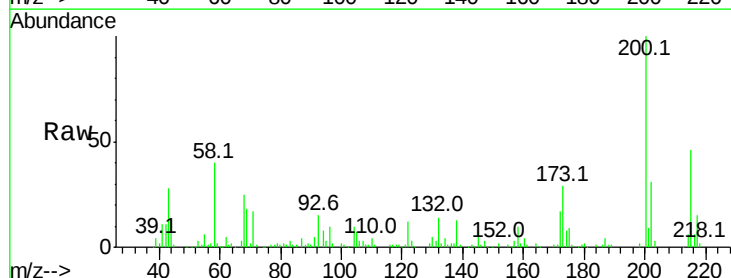
Tgt Ion:200 Resp: 130621

Ion Ratio Lower Upper

200 100

173 29.0 6.3 46.3

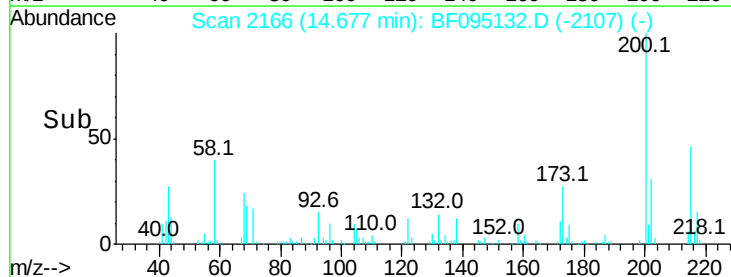
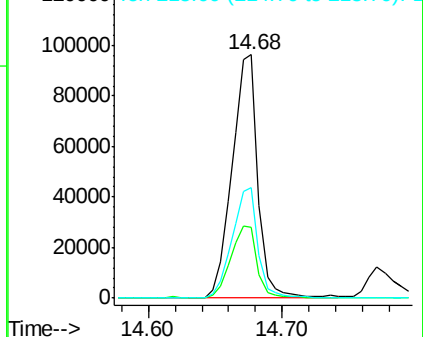
215 45.6 27.2 67.2



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

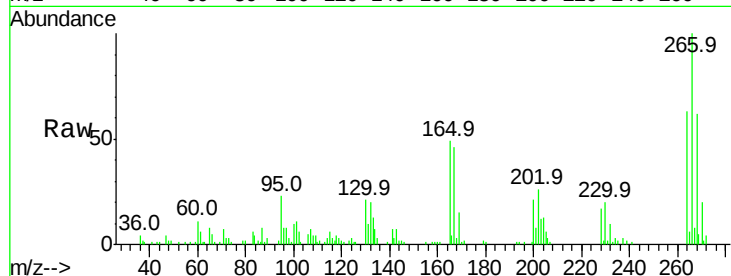




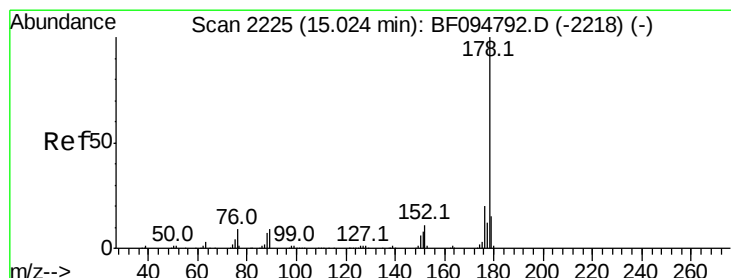
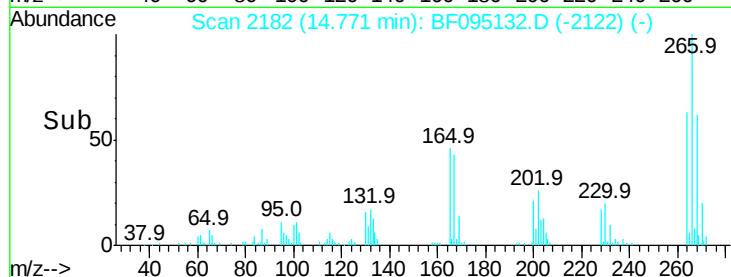
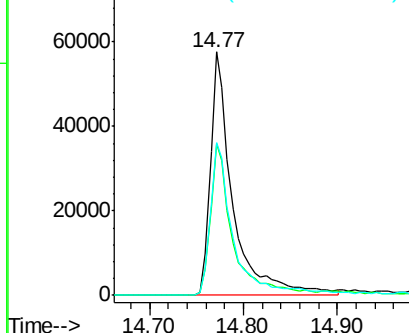
#69
 Pentachlorophenol
 Concen: 81.33 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 96782
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 62.8 51.7 77.5

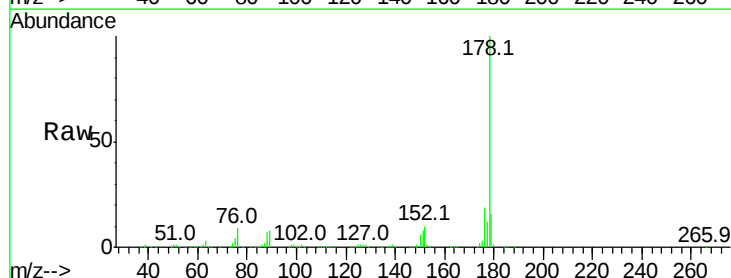


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

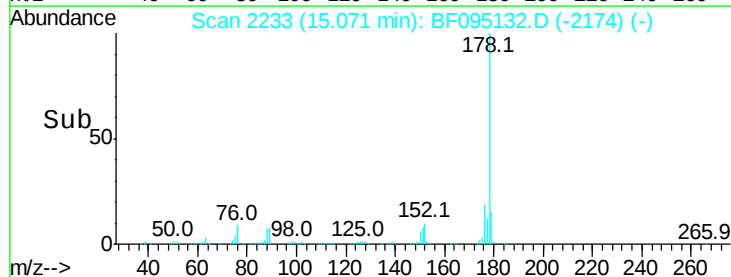
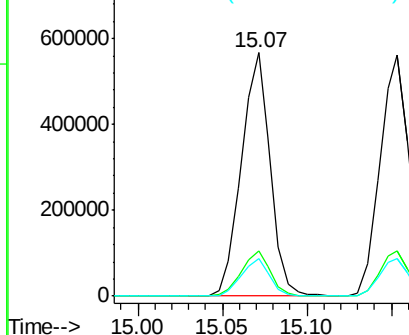


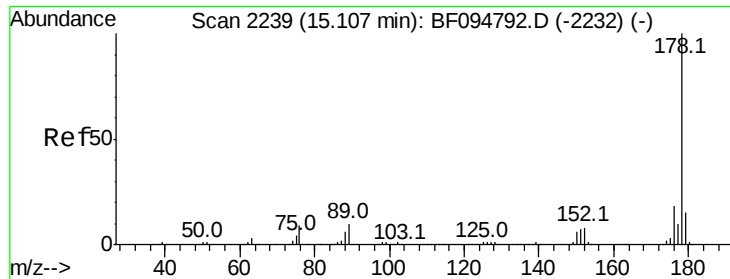
#70
 Phenanthrene
 Concen: 48.22 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:178 Resp: 672650
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.4
 179 15.5 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

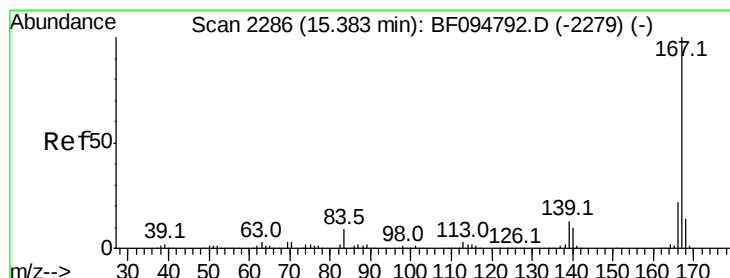
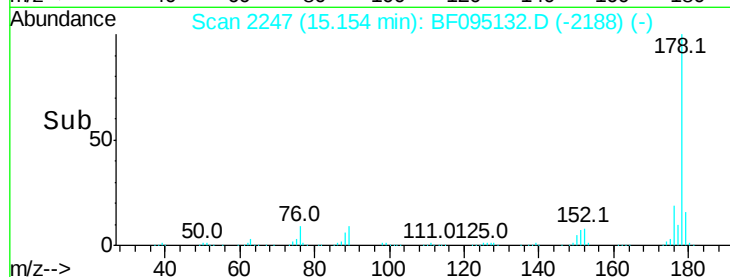
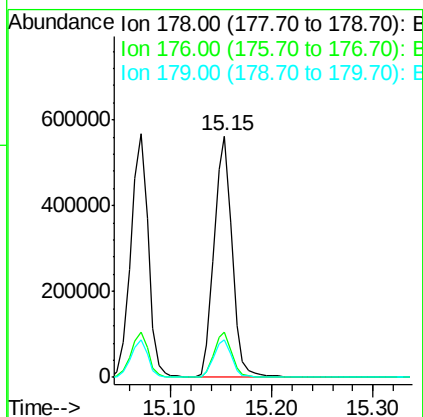
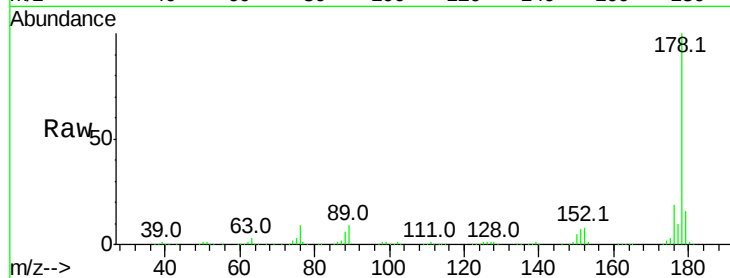




#71
 Anthracene
 Concen: 48.88 ng
 RT: 15.15 min Scan# 2247
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

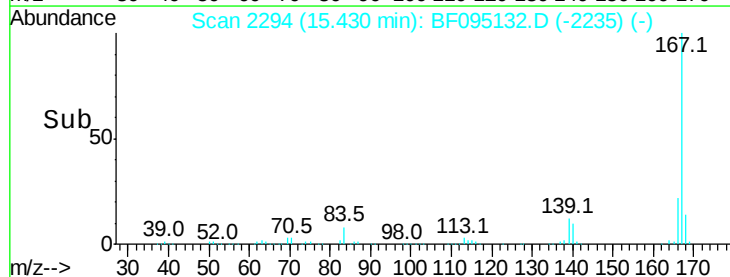
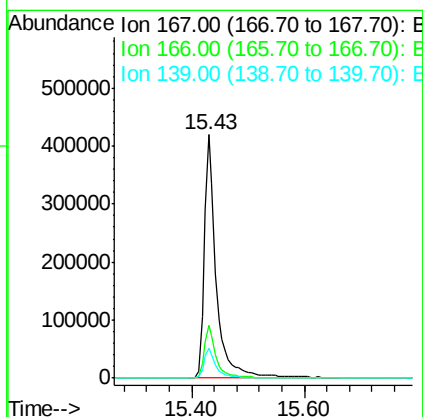
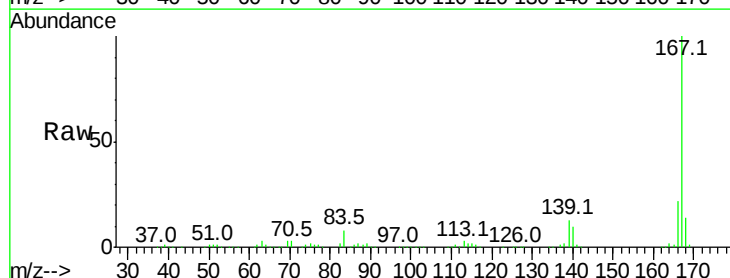
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 696386
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 48.13 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:167 Resp: 623955
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 12.5 11.7 17.5

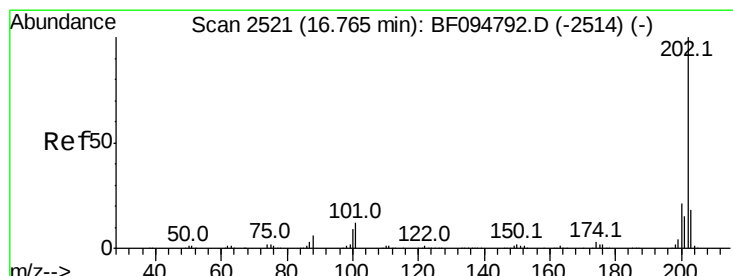
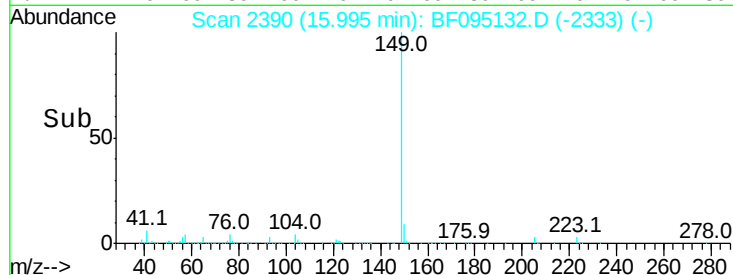
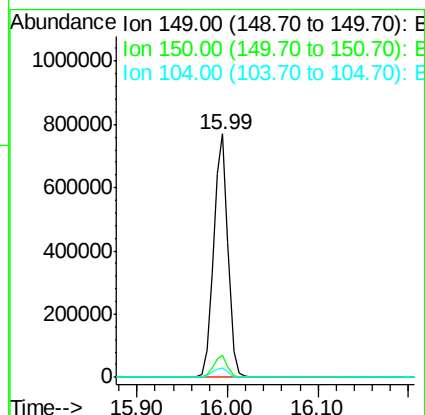
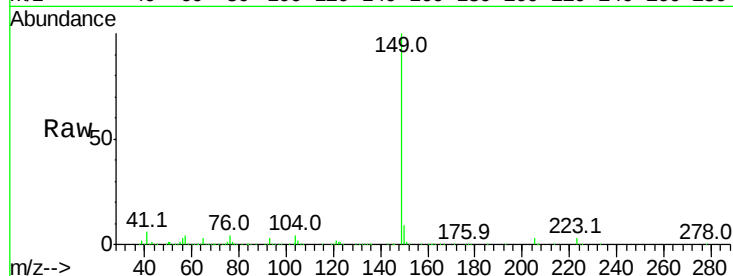




#73
Di-n-butylphthalate
Concen: 52.06 ng
RT: 15.99 min Scan# 2390
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

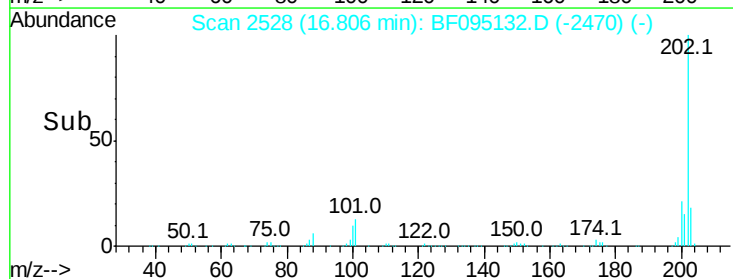
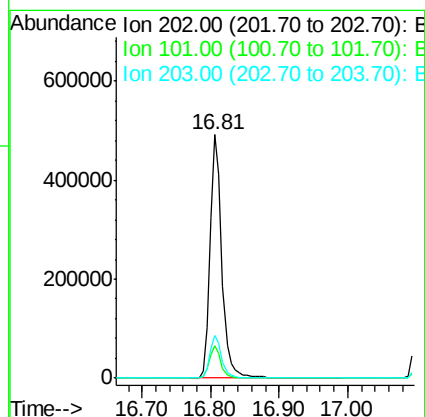
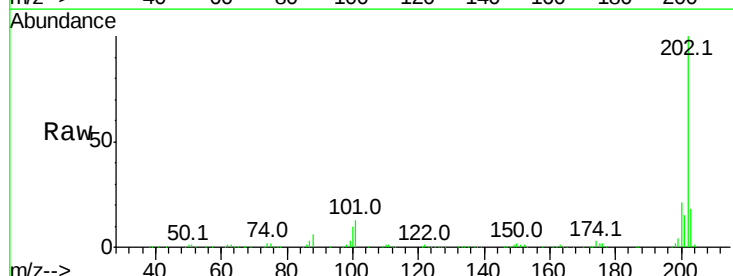
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 841675
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 3.9 4.0 6.0#



#74
Fluoranthene
Concen: 41.66 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion:202 Resp: 596145
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

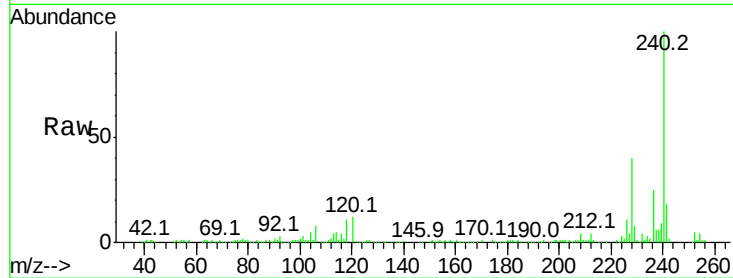
Tot Ion:240 Resp: 169111

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

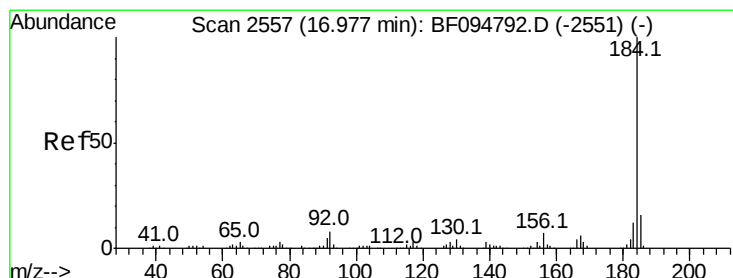
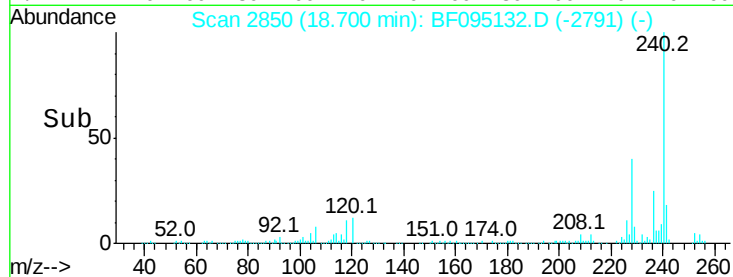
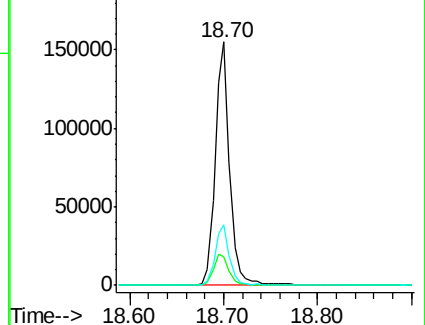
236 25.1 20.5 30.7



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: 40.61 ng

RT: 17.04 min Scan# 2567

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

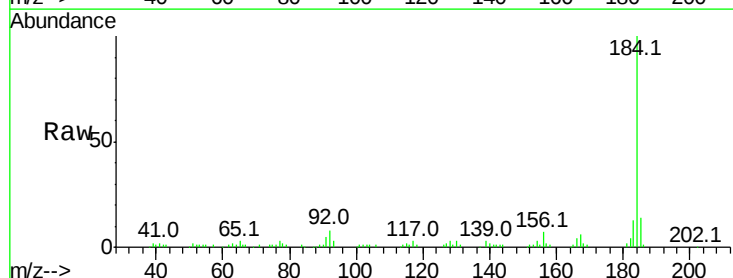
Tgt Ion:184 Resp: 180354

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

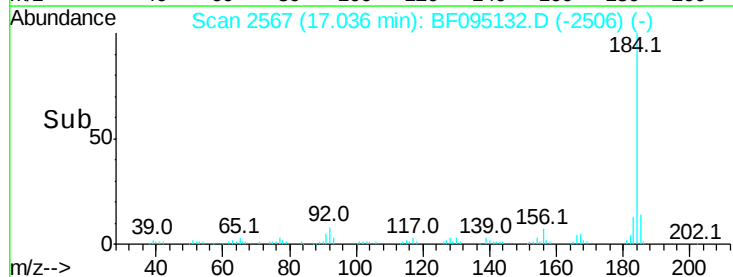
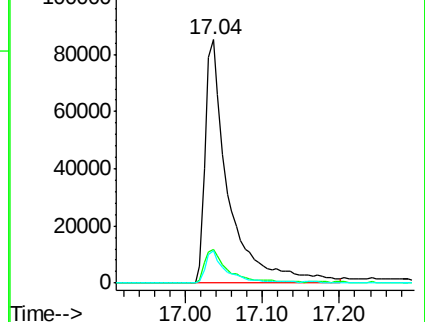
183 13.3 9.8 14.6

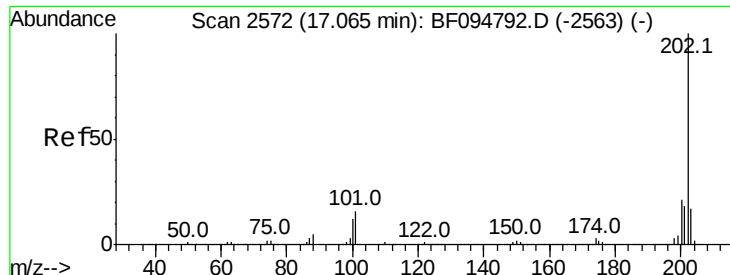


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

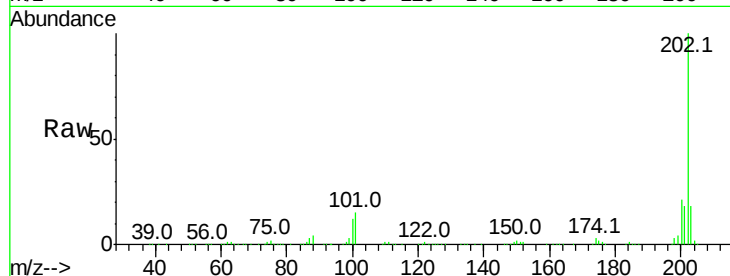




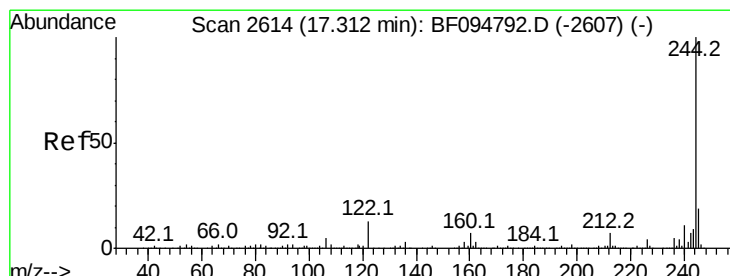
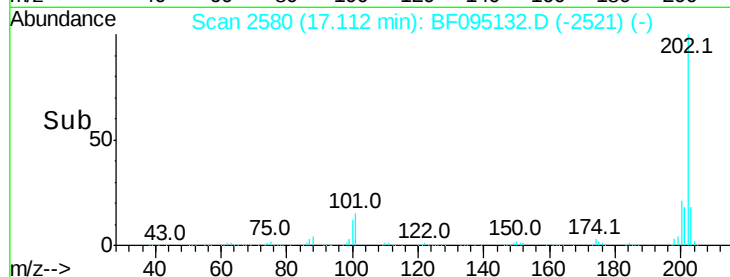
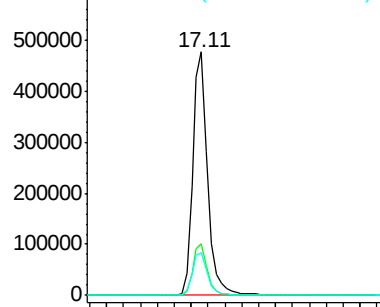
#77
Pvrene
Concen: 46.34 ng
RT: 17.11 min Scan# 2580
Delta R.T. 0.05 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 586061
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 17.7 14.4 21.6

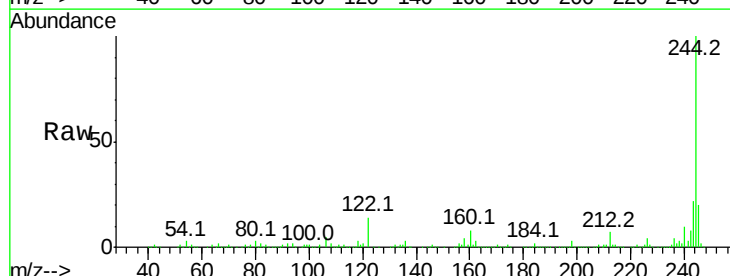


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

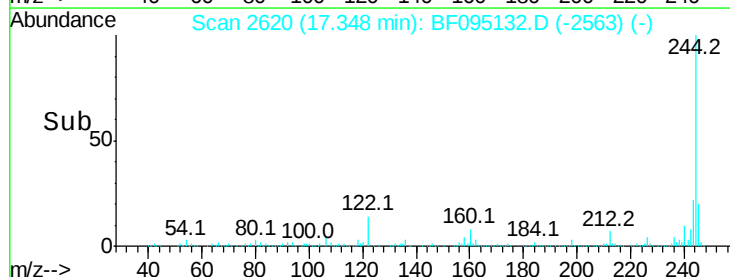
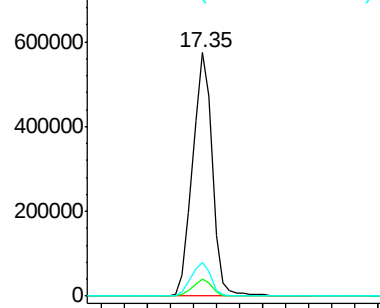


#78
Terphenyl-d14
Concen: 89.10 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion:244 Resp: 684075
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.7 10.3 15.5



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

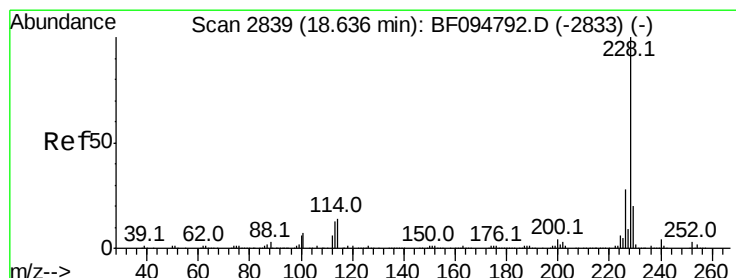
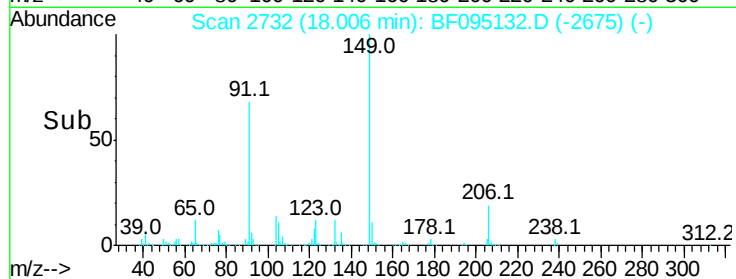
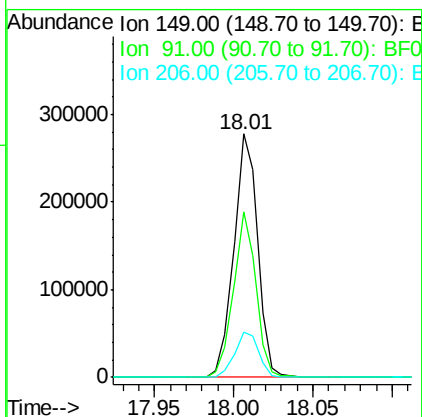
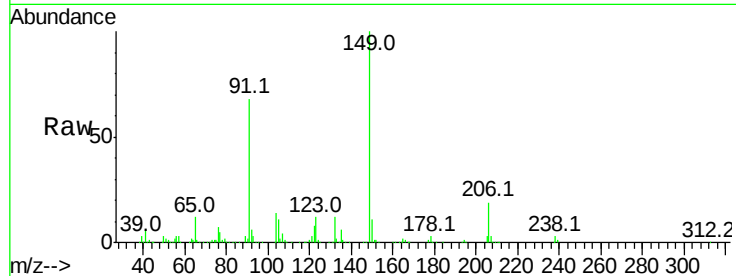




#79
Butylbenzylphthalate
Concen: 49.13 ng
RT: 18.01 min Scan# 2732
Delta R.T. 0.04 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

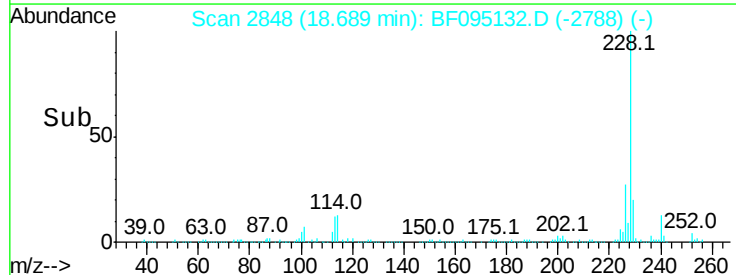
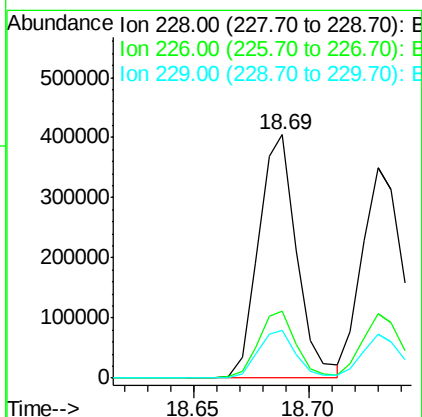
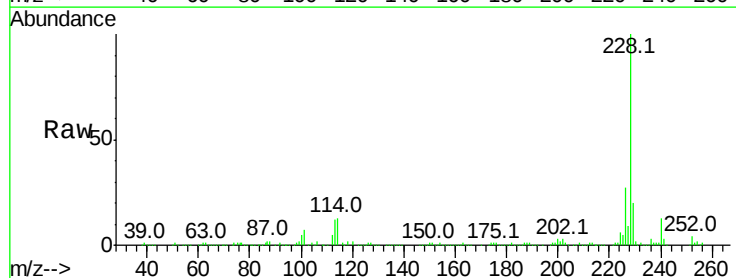
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 289037
Ion Ratio Lower Upper
149 100
91 67.7 45.0 67.4#
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 47.40 ng
RT: 18.69 min Scan# 2848
Delta R.T. 0.05 min
Lab File: BF095132.D
Acq: 15 May 2017 18:43

Tgt Ion:228 Resp: 466476
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.5 16.3 24.5

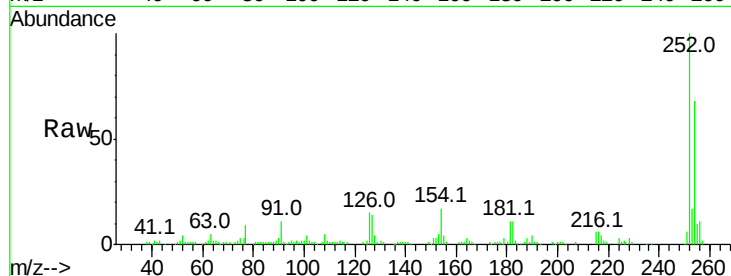




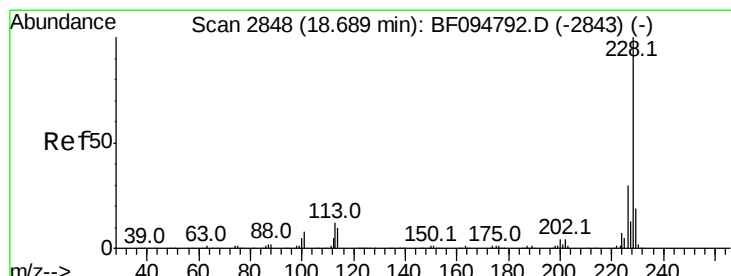
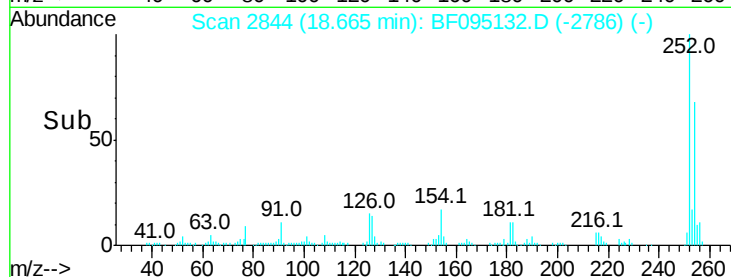
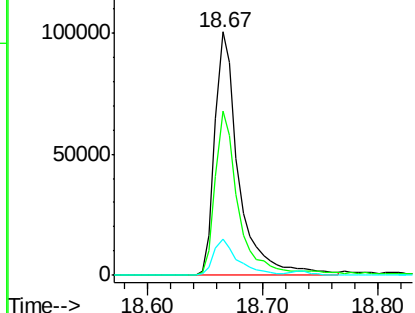
#81
 3,3'-Dichlorobenzidine
 Concen: 42.75 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 145320
 Ion Ratio Lower Upper
 252 100
 254 67.7 51.5 77.3
 126 15.0 15.8 23.8#

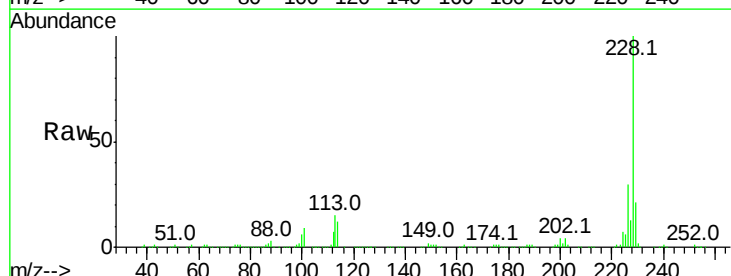


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

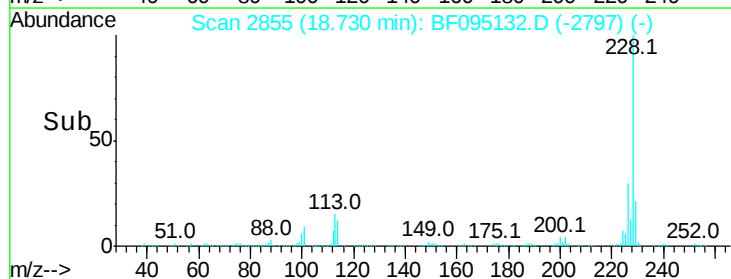
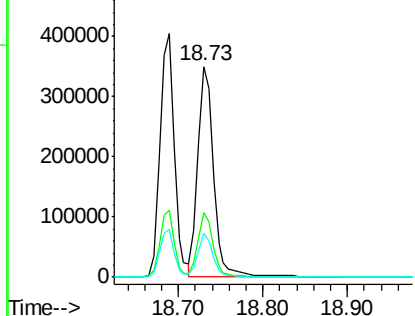


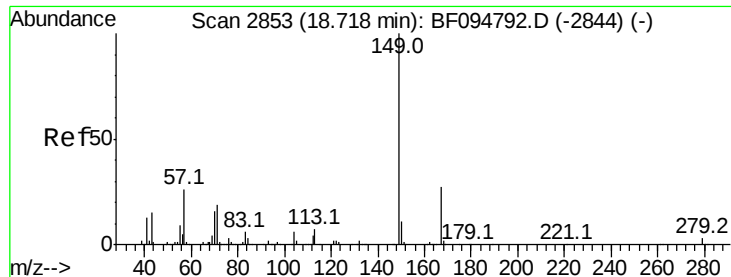
#82
 Chrysene
 Concen: 47.32 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:228 Resp: 450296
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.8 15.8 23.6



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

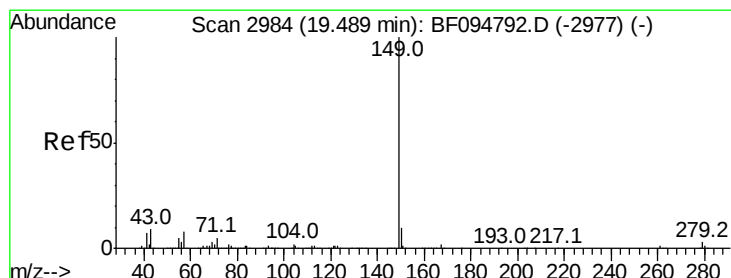
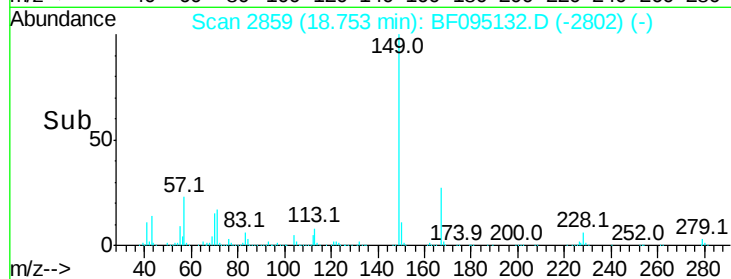
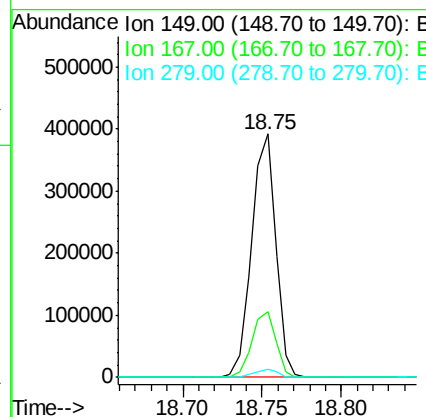
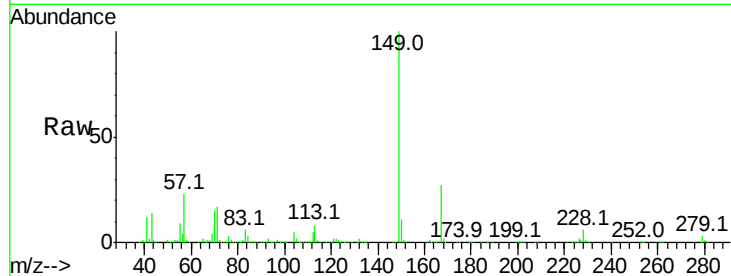




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.40 ng
 RT: 18.75 min Scan# 2859
 Delta R.T. 0.04 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

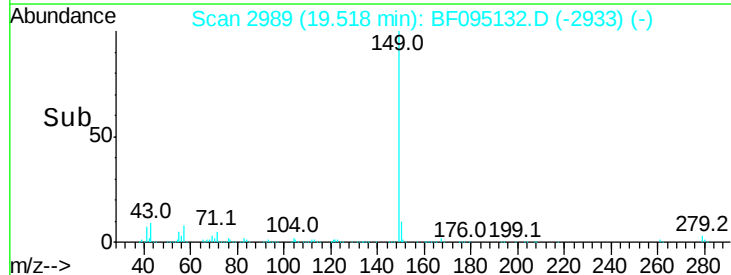
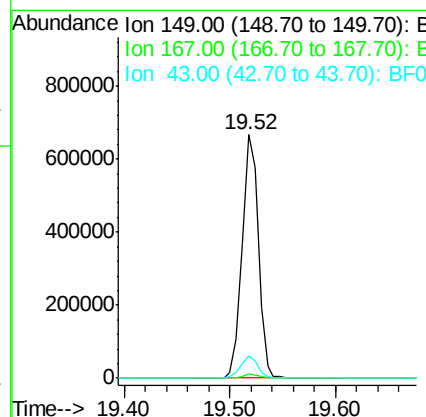
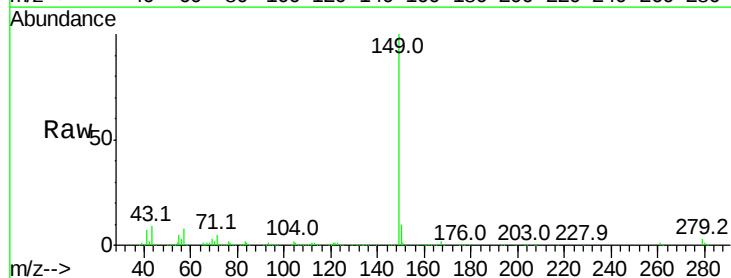
Instrument :
 BNA_F
 ClientSampled :

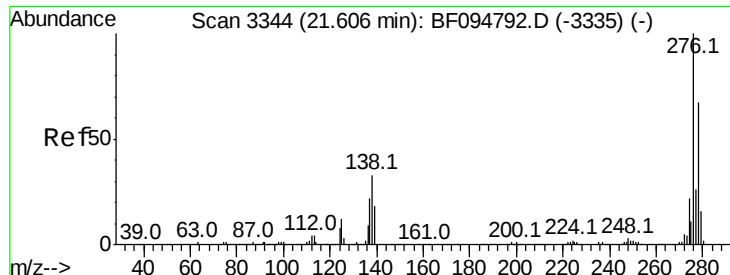
Tot Ion:149 Resp: 414059
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 51.01 ng
 RT: 19.52 min Scan# 2989
 Delta R.T. 0.03 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:149 Resp: 700997
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.9 8.5 12.7

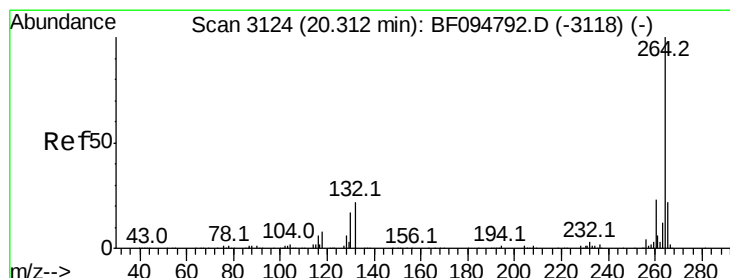
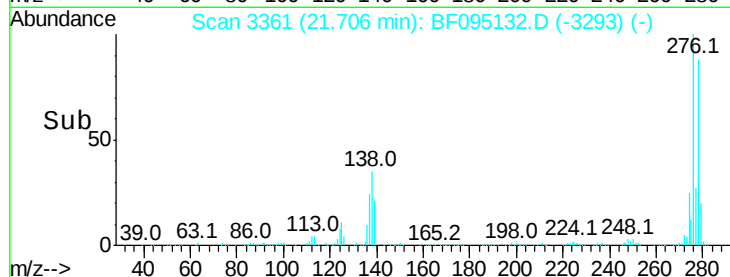
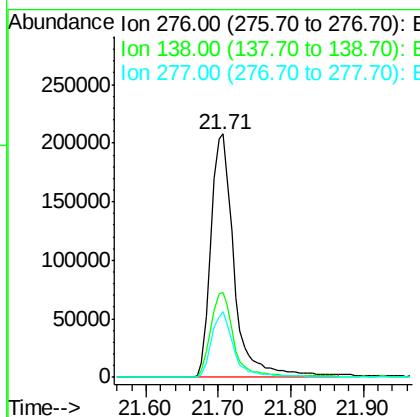
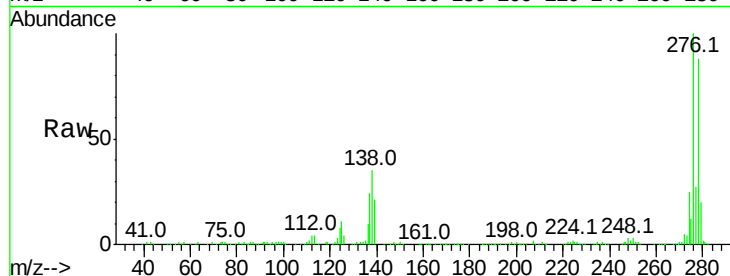




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.22 ng
 RT: 21.71 min Scan# 3361
 Delta R.T. 0.10 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

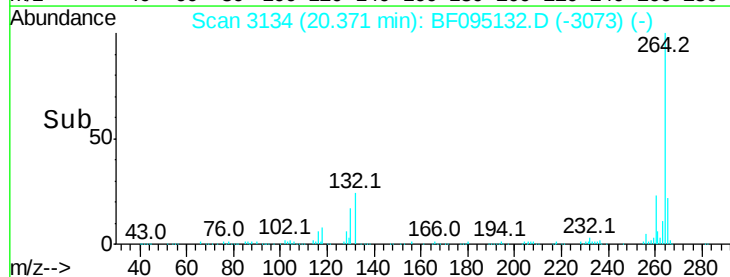
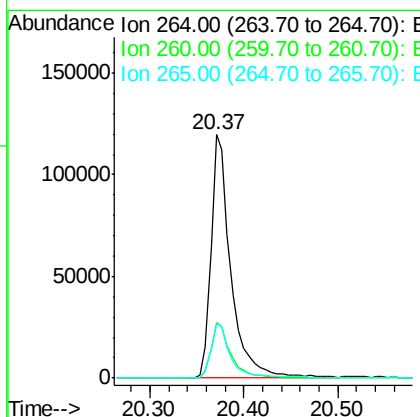
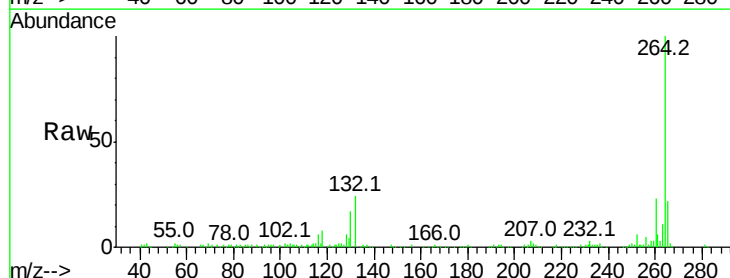
Instrument :
 BNA_F
 ClientSampled :

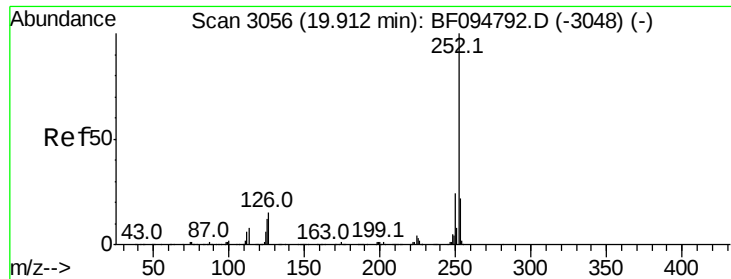
Tot Ion:276 Resp: 465429
 Ion Ratio Lower Upper
 276 100
 138 35.1 27.8 41.6
 277 25.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.06 min
 Lab File: BF095132.D
 Acq: 15 May 2017 18:43

Tgt Ion:264 Resp: 179209
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 22.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.06 ng

RT: 19.97 min Scan# 3065

Delta R.T. 0.05 min

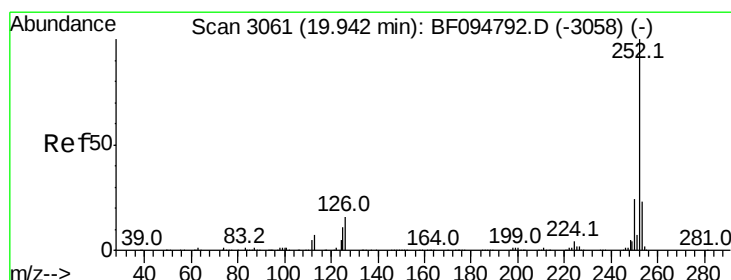
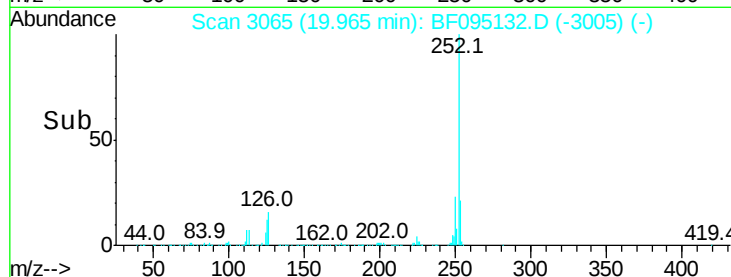
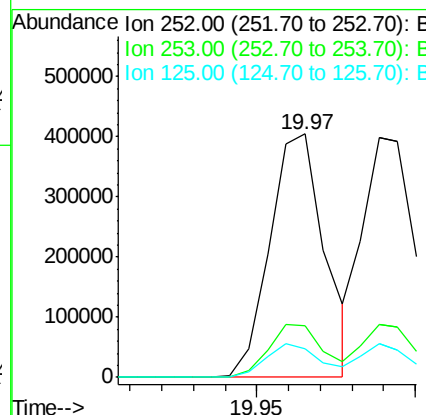
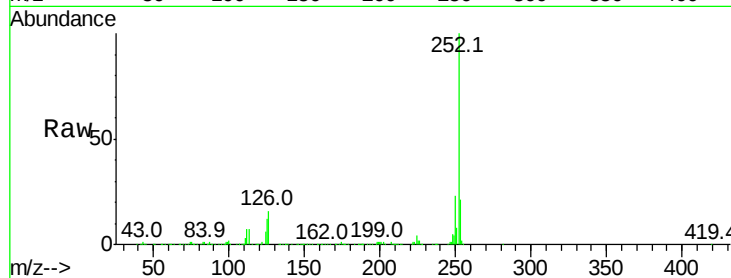
Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 487870

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	11.7	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 49.16 ng

RT: 19.99 min Scan# 3069

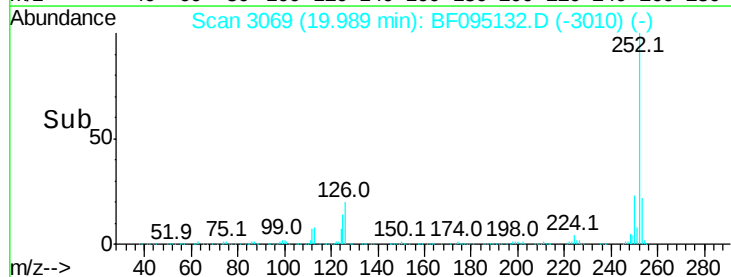
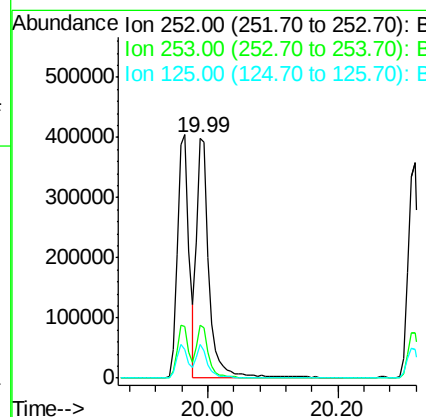
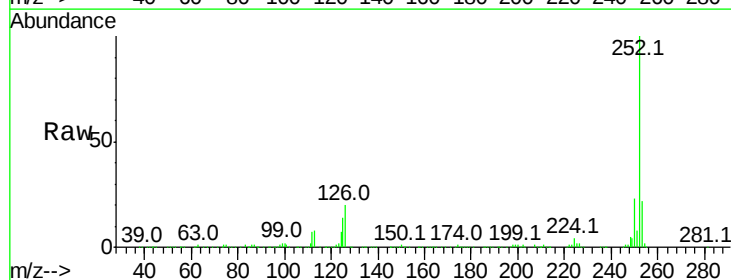
Delta R.T. 0.05 min

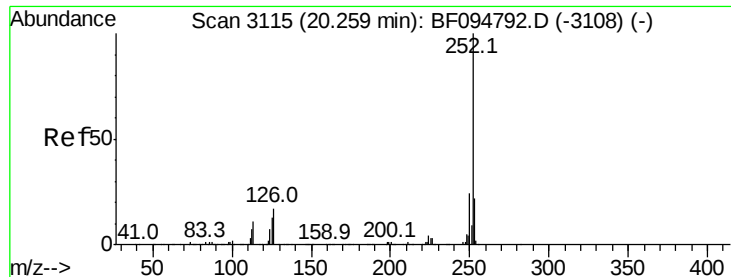
Lab File: BF095132.D

Acq: 15 May 2017 18:43

Tgt Ion:252 Resp: 525056

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.8	13.1	19.7





#89

Benzo(a)pyrene

Concen: 47.41 ng

RT: 20.32 min Scan# 3125

Delta R.T. 0.06 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

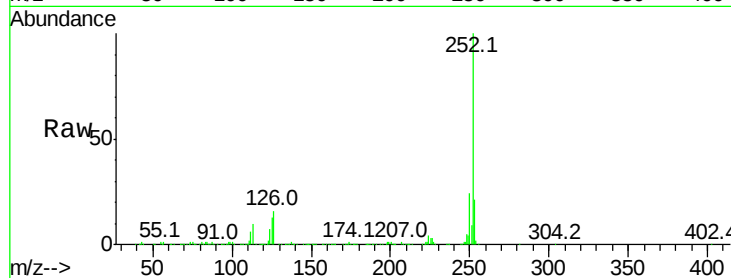
Tot Ion:252 Resp: 484413

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

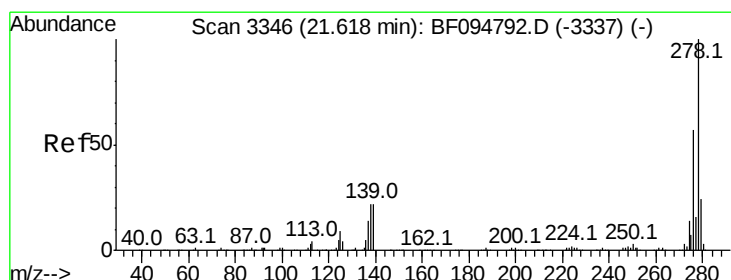
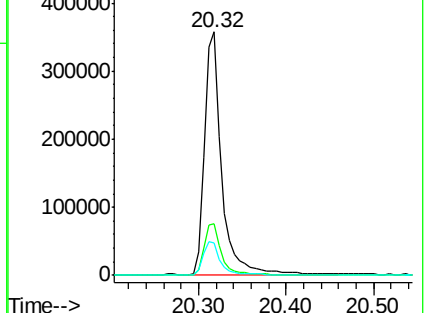
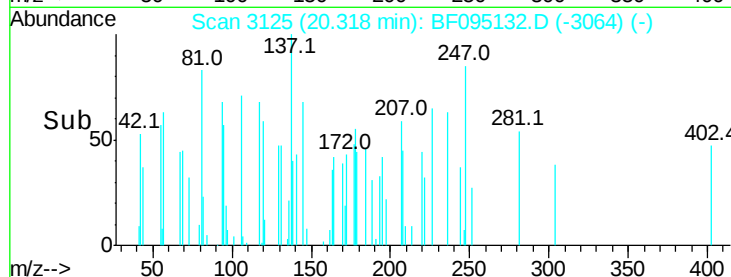
125 13.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.56 ng

RT: 21.71 min Scan# 3361

Delta R.T. 0.09 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

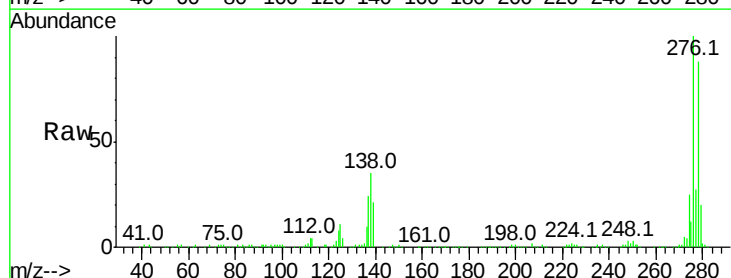
Tgt Ion:278 Resp: 384489

Ion Ratio Lower Upper

278 100

139 23.3 16.6 24.8

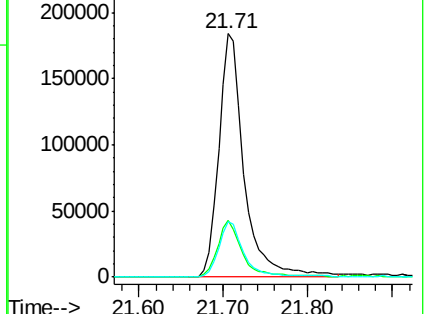
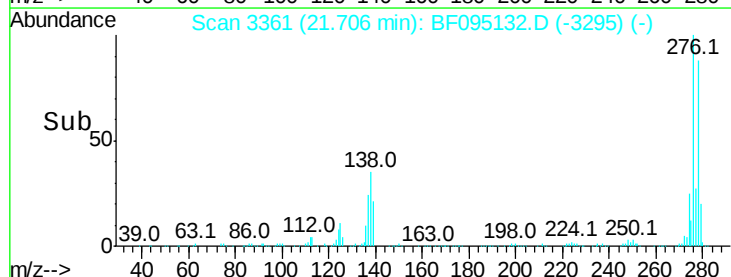
279 22.6 19.3 28.9

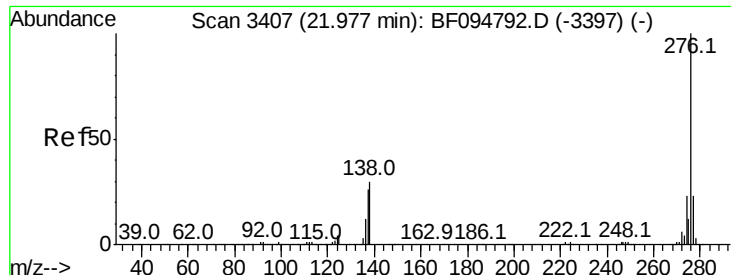


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.30 ng

RT: 22.09 min Scan# 3426

Delta R.T. 0.11 min

Lab File: BF095132.D

Acq: 15 May 2017 18:43

Instrument :

BNA_F

ClientSampleId :

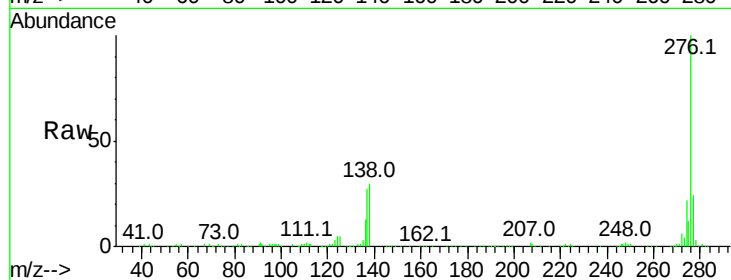
Tot Ion: 276 Resp: 375183

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 30.1 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

