

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095499.D
 Acq On : 27 May 2017 13:33
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:13:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	155572	20.00	ng	0.00
21) Naphthalene-d8	9.76	136	569443	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	276877	20.00	ng	0.00
63) Phenanthrene-d10	15.00	188	449409	20.00	ng	0.00
75) Chrysene-d12	18.68	240	335389	20.00	ng	0.00
86) Perylene-d12	20.35	264	299452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	789748	84.63	ng	0.00
7) Phenol-d6	7.30	99	927114	82.81	ng	0.00
23) Nitrobenzene-d5	8.65	82	799818	88.57	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	180684	79.68	ng	0.00
44) 2-Fluorobiphenyl	11.54	172	1395336	72.54	ng	0.00
78) Terphenyl-d14	17.32	244	1368438	89.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	169167	36.97	ng	94
3) Pyridine	2.87	79	403555	38.05	ng	99
4) n-Nitrosodimethylamine	2.80	42	155726	35.22	ng	87
6) Aniline	7.25	93	549062	38.85	ng	97
8) 2-Chlorophenol	7.44	128	446239	42.02	ng	95
9) Benzaldehyde	7.07	77	223761	32.73	ng	98
10) Phenol	7.31	94	440480	37.33	ng	87
11) bis(2-Chloroethyl)ether	7.38	93	391644	40.21	ng	96
12) 1,3-Dichlorobenzene	7.64	146	495501	41.13	ng	96
13) 1,4-Dichlorobenzene	7.77	146	488419	39.98	ng	97
14) 1,2-Dichlorobenzene	8.00	146	464463	40.73	ng	96
15) Benzyl Alcohol	8.04	79	329711	45.79	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	549393	39.85	ng	95
17) 2-Methylphenol	8.24	107	365079	42.00	ng	97
18) Hexachloroethane	8.51	117	160001	38.66	ng	# 86
19) n-Nitroso-di-n-propylamine	8.46	70	306532	40.48	ng	92
20) 3+4-Methylphenols	8.50	107	475553	40.26	ng	# 58
22) Acetophenone	8.42	105	605260	44.30	ng	# 83
24) Nitrobenzene	8.68	77	415618	43.91	ng	92
25) Isophorone	9.08	82	745020	46.20	ng	95
26) 2-Nitrophenol	9.18	139	241751	47.33	ng	99
27) 2,4-Dimethylphenol	9.32	122	375534	45.48	ng	98
28) bis(2-Chloroethoxy)methane	9.44	93	504995	45.27	ng	99
29) 2,4-Dichlorophenol	9.61	162	350519	44.96	ng	99
30) 1,2,4-Trichlorobenzene	9.69	180	358600	42.93	ng	99
31) Naphthalene	9.80	128	1130033	39.48	ng	100
32) Benzoic acid	9.70	122	216307	40.75	ng	87
33) 4-Chloroaniline	9.94	127	463532	43.46	ng	# 94
34) Hexachlorobutadiene	10.00	225	182538	41.41	ng	98
35) Caprolactam	10.68	113	11408	4.87	ng	90
36) 4-Chloro-3-methylphenol	10.80	107	387904	46.53	ng	89
37) 2-Methylnaphthalene	10.92	142	818350	43.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	331180	38.90	ng	99
40) Hexachlorocyclopentadiene	11.17	237	124473	38.20	ng	99

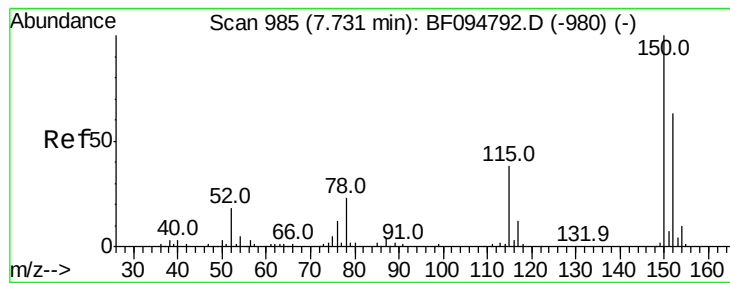
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095499.D
 Acq On : 27 May 2017 13:33
 Operator : SJ/MA
 Sample : SSTDC0040
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Quant Time: May 29 01:13:39 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	231892	40.79	nq	100
43) 2,4,5-Trichlorophenol	11.52	196	208713	34.16	nq	94
45) 1,1'-Biphenyl	11.69	154	924619	39.66	nq	98
46) 2-Chloronaphthalene	11.71	162	744830	39.57	nq	96
47) 2-Nitroaniline	11.93	65	227373	44.13	nq	# 83
48) Acenaphthylene	12.37	152	1160722	39.37	nq	98
49) Dimethylphthalate	12.24	163	879881	38.71	nq	99
50) 2,6-Dinitrotoluene	12.34	165	186345	40.18	nq	# 93
51) Acenaphthene	12.65	154	675296	38.35	nq	99
52) 3-Nitroaniline	12.62	138	211047	42.40	nq	87
53) 2,4-Dinitrophenol	12.84	184	79417	34.91	nq	# 68
54) Dibenzofuran	12.94	168	975269	40.02	nq	97
55) 4-Nitrophenol	13.04	139	80038	26.77	nq	# 79
56) 2,4-Dinitrotoluene	13.01	165	262294	44.02	nq	# 91
57) Fluorene	13.49	166	817238	38.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	153683	39.96	nq	# 82
59) Diethylphthalate	13.38	149	852983	39.15	nq	100
60) 4-Chlorophenyl-phenylether	13.51	204	362375	38.91	nq	89
61) 4-Nitroaniline	13.62	138	178976	39.17	nq	94
62) Azobenzene	13.77	77	703931	40.21	nq	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	136690	45.37	nq	# 65
65) n-Nitrosodiphenylamine	13.72	169	708858	43.46	nq	99
66) 4-Bromophenyl-phenylether	14.29	248	211346	44.51	nq	99
67) Hexachlorobenzene	14.39	284	207172	42.58	nq	# 85
68) Atrazine	14.65	200	165044	35.84	nq	98
69) Pentachlorophenol	14.75	266	93744	45.35	nq	92
70) Phenanthrene	15.04	178	1006814	38.99	nq	98
71) Anthracene	15.12	178	1063335	40.31	nq	98
72) Carbazole	15.41	167	1052015	43.84	nq	98
73) Di-n-butylphthalate	15.96	149	1335968	44.64	nq	99
74) Fluoranthene	16.78	202	1186107	44.78	nq	99
76) Benzidine	17.02	184	98700	15.98	nq	# 94
77) Pyrene	17.08	202	1222060	48.72	nq	98
79) Butylbenzylphthalate	17.98	149	565244	48.45	nq	88
80) Benzo(a)anthracene	18.67	228	762854	39.08	nq	99
81) 3,3'-Dichlorobenzidine	18.64	252	264054	39.17	nq	# 96
82) Chrysene	18.71	228	733707	38.87	nq	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	619045	37.24	nq	# 100
84) Di-n-octyl phthalate	19.49	149	1181546	43.35	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	536716	35.02	nq	100
87) Benzo(b)fluoranthene	19.94	252	707795	38.25	nq	98
88) Benzo(k)fluoranthene	19.97	252	762401	42.71	nq	# 96
89) Benzo(a)pyrene	20.29	252	663798	38.88	nq	98
90) Dibenzo(a,h)anthracene	21.68	278	452225	32.07	nq	97
91) Benzo(g,h,i)perylene	22.06	276	508829	36.77	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.74 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampled :

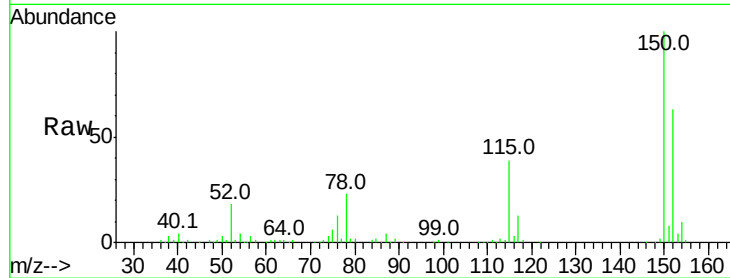
Tot Ion:152 Resp: 155572

Ion Ratio Lower Upper

152 100

150 158.6 126.2 189.2

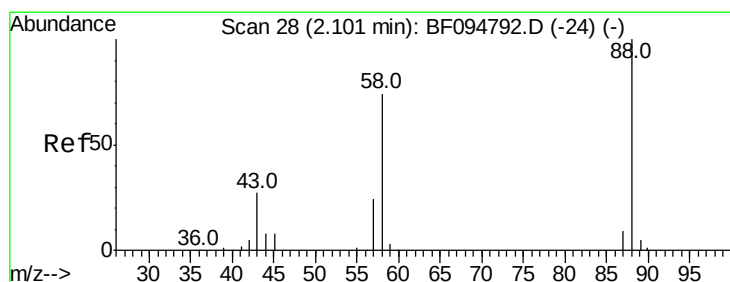
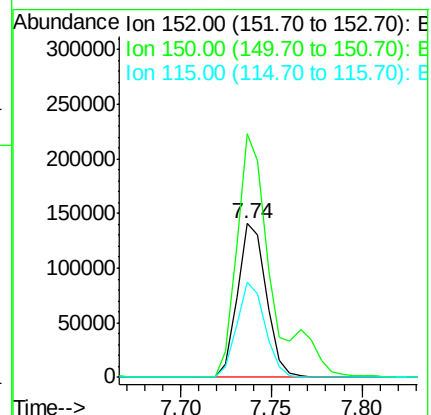
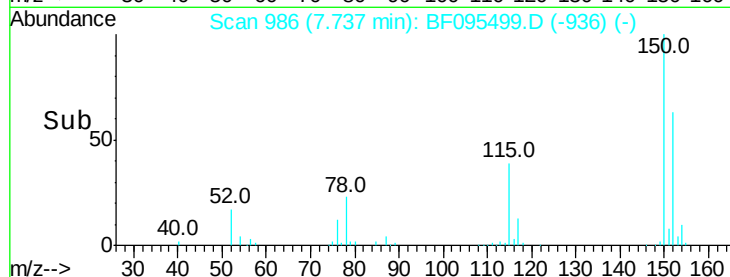
115 61.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.97 ng

RT: 2.17 min Scan# 40

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

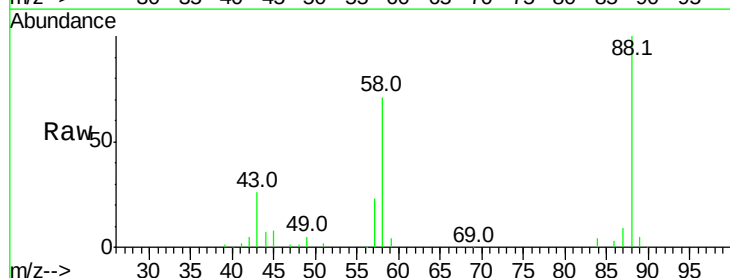
Tgt Ion: 88 Resp: 169167

Ion Ratio Lower Upper

88 100

58 71.5 61.4 92.0

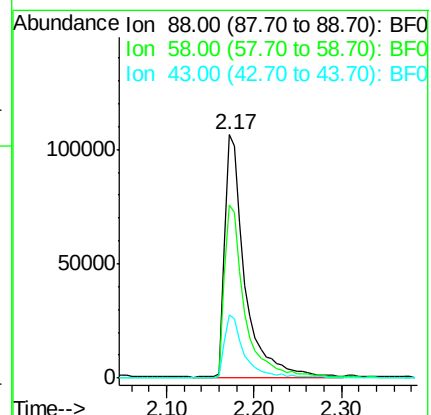
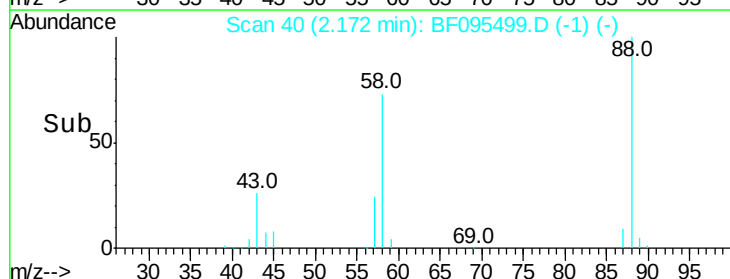
43 26.1 23.4 35.0

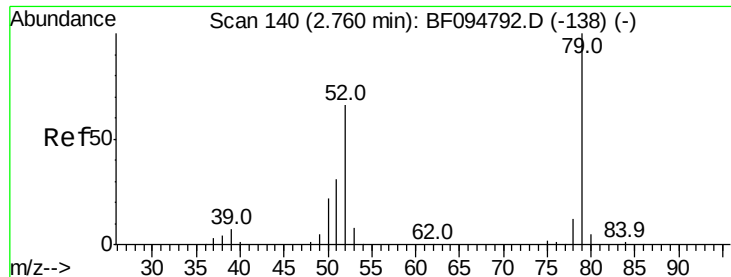


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.05 ng

RT: 2.87 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampled :

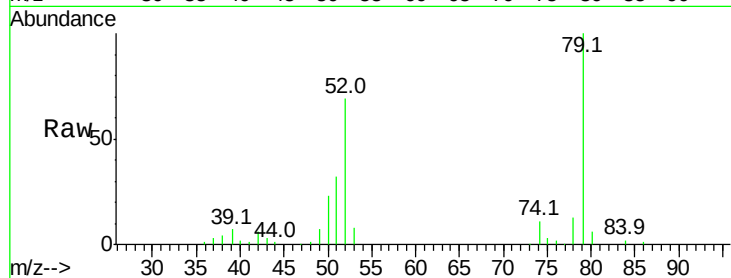
Tot Ion: 79 Resp: 403555

Ion Ratio Lower Upper

79 100

52 68.9 54.8 82.2

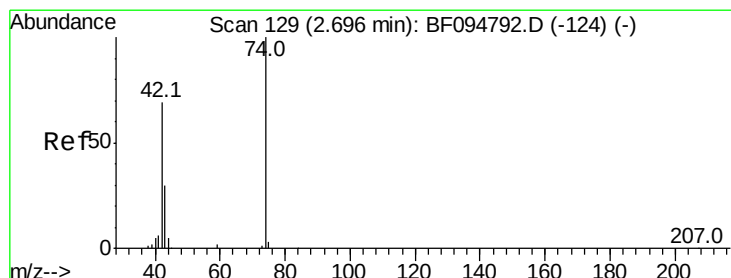
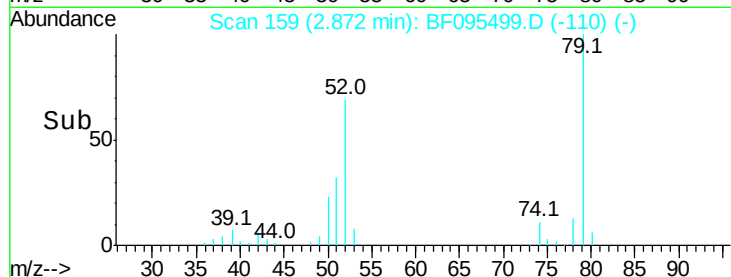
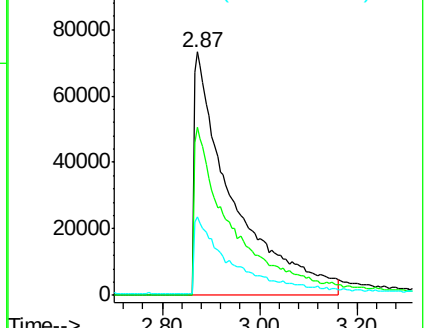
51 32.4 27.0 40.4



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: 35.22 ng

RT: 2.80 min Scan# 147

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

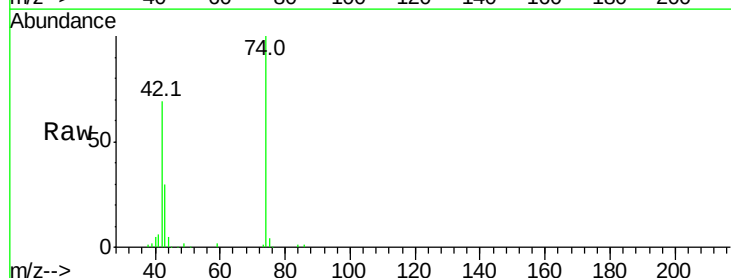
Tgt Ion: 42 Resp: 155726

Ion Ratio Lower Upper

42 100

74 145.6 103.9 155.9

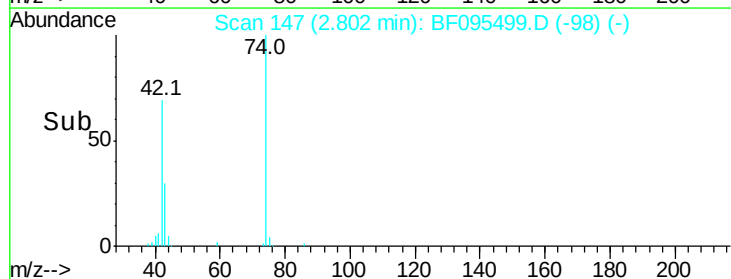
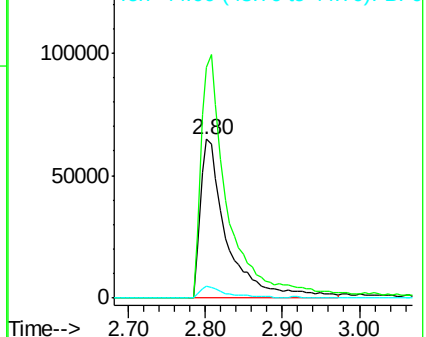
44 7.4 5.7 8.5

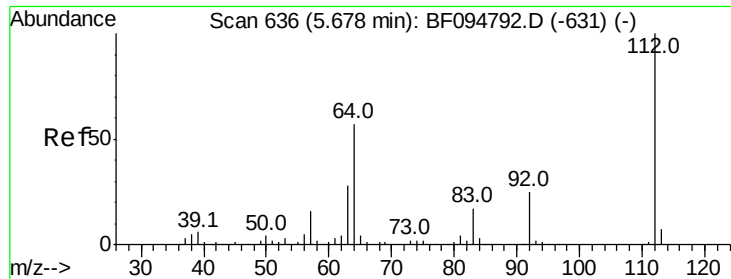


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

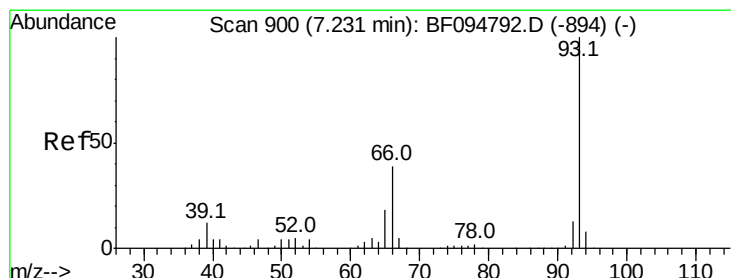
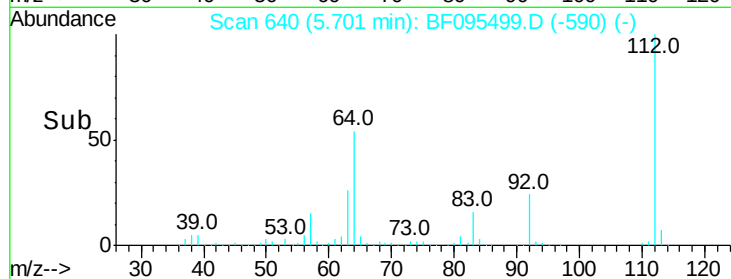
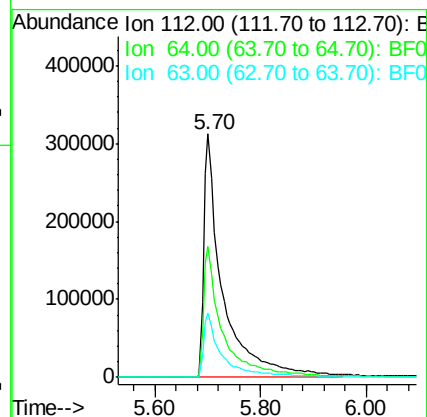
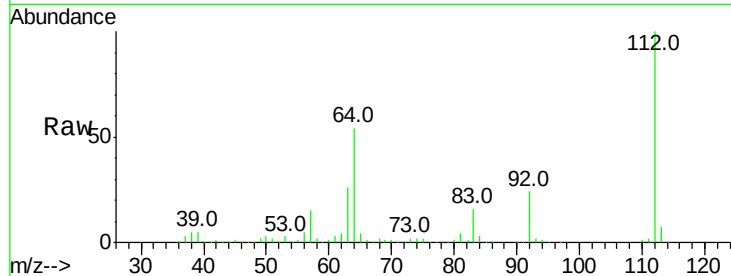




#5
 2-Fluorophenol
 Concen: 84.63 ng
 RT: 5.70 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

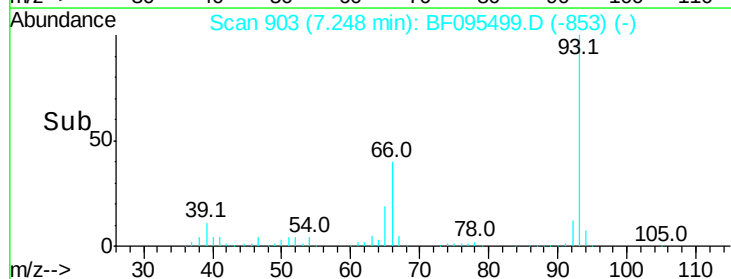
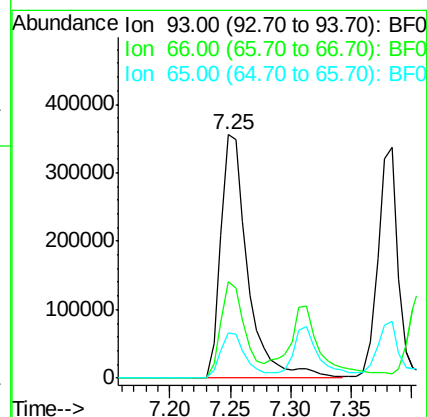
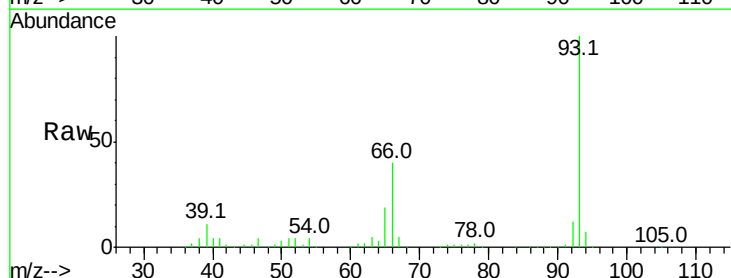
Instrument :
 BNA_F
 ClientSampled :

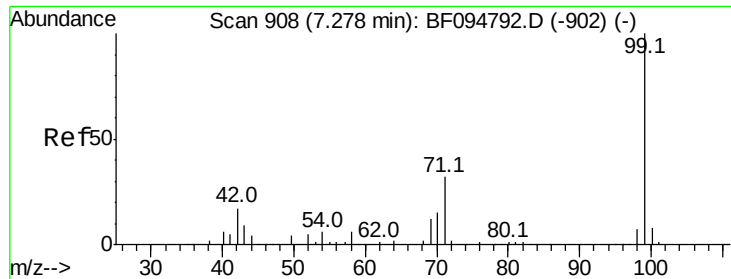
Tot Ion:	112	Resp:	789748
Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	26.2	23.4	35.0



#6
 Aniline
 Concen: 38.85 ng
 RT: 7.25 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:	93	Resp:	549062
Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.9	49.3
65	18.6	16.0	24.0





#7

Phenol-d6

Concen: 82.81 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampled :

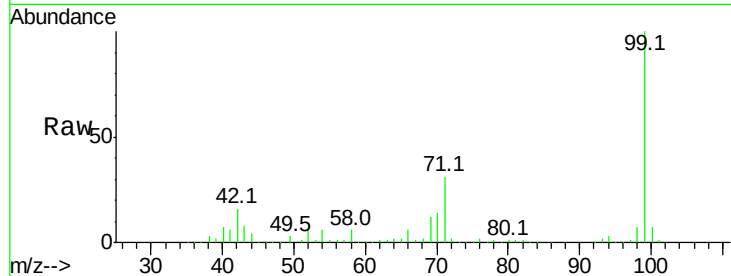
Tot Ion: 99 Resp: 927114

Ion Ratio Lower Upper

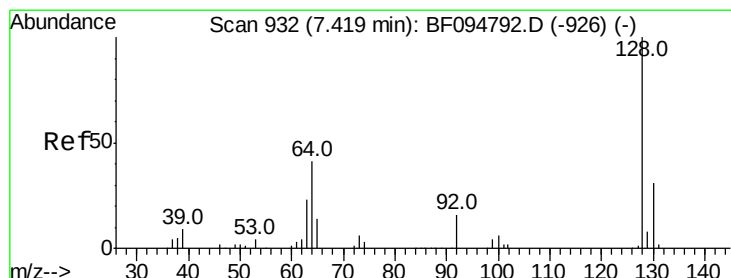
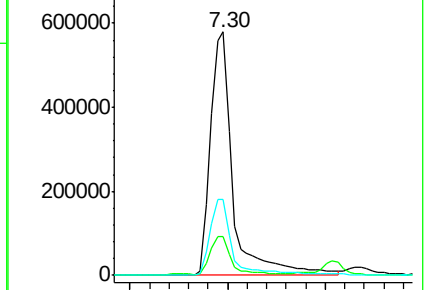
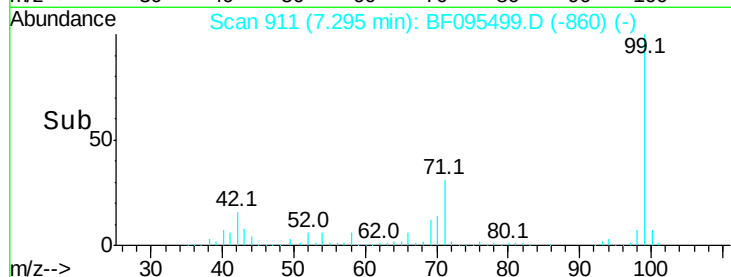
99 100

42 15.7 13.5 20.3

71 31.3 24.5 36.7



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



#8

2-Chlorophenol

Concen: 42.02 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

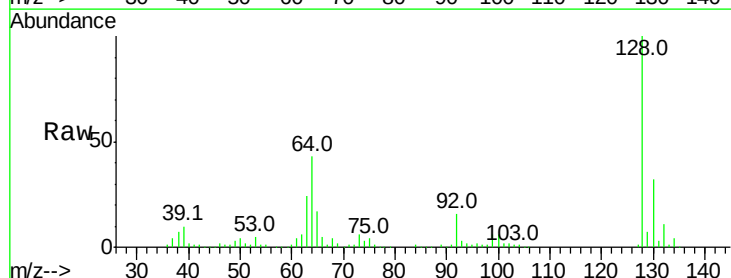
Tgt Ion: 128 Resp: 446239

Ion Ratio Lower Upper

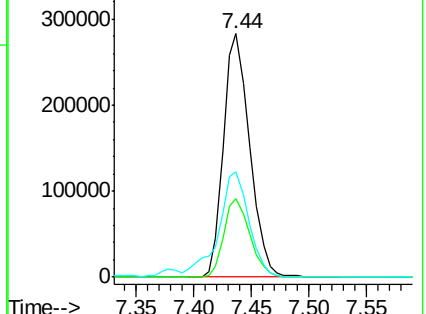
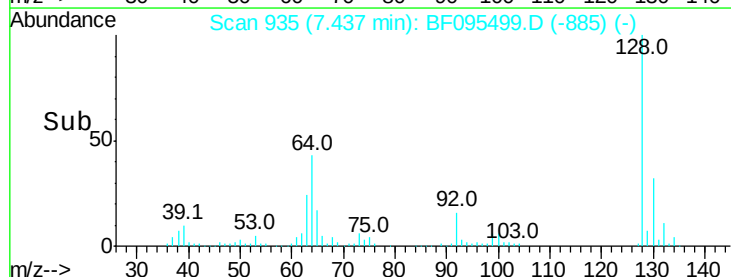
128 100

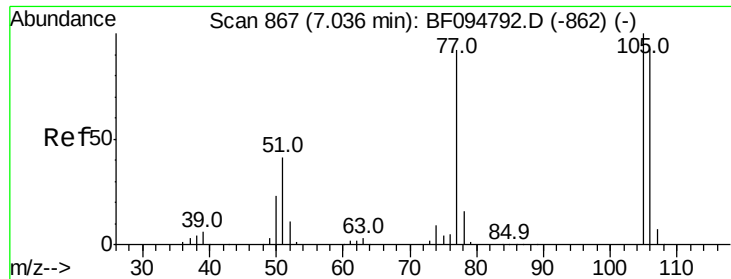
130 32.5 12.9 52.9

64 43.1 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

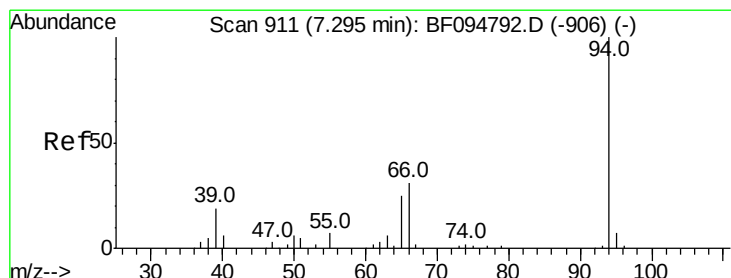
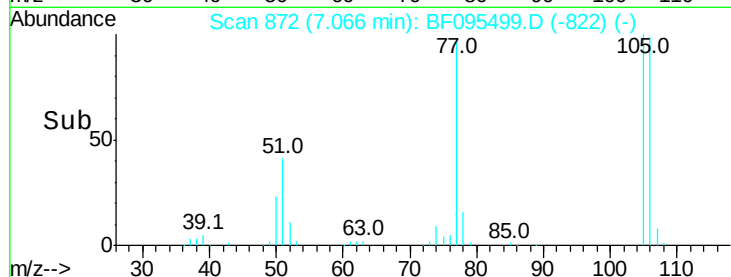
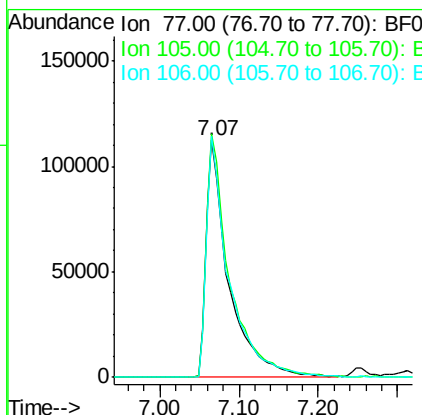
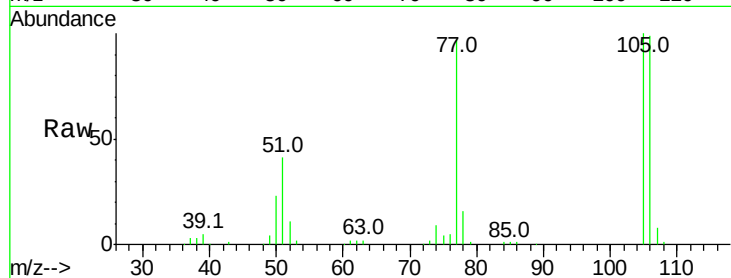




#9
Benzaldehyde
Concen: 32.73 ng
RT: 7.07 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

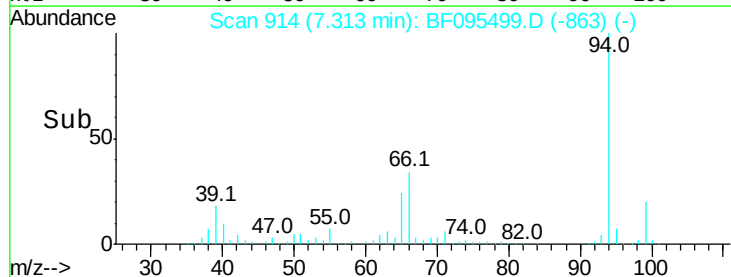
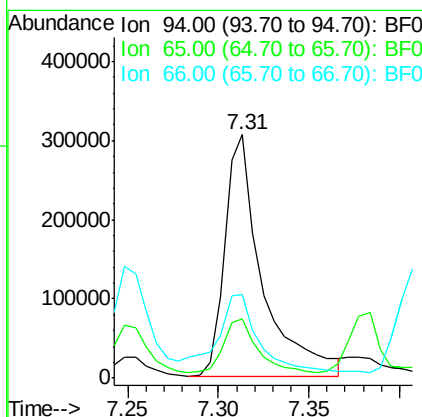
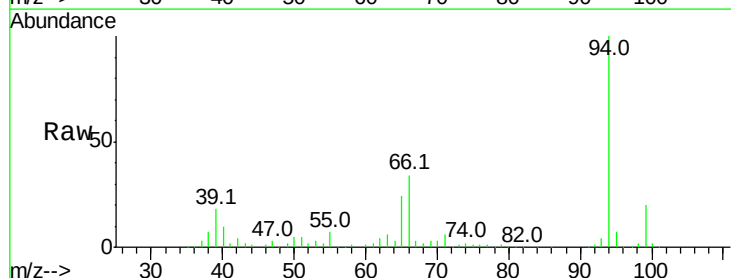
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BNA_F
ClientSampleId :

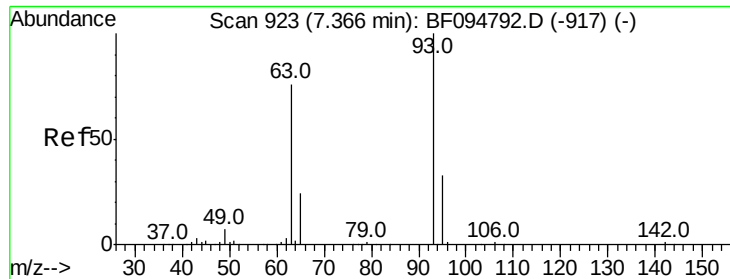
Tot Ion: 77 Resp: 223761
Ion Ratio Lower Upper
77 100
105 102.7 83.8 123.8
106 102.0 79.1 119.1



#10
Phenol
Concen: 37.33 ng
RT: 7.31 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion: 94 Resp: 440480
Ion Ratio Lower Upper
94 100
65 24.2 9.9 49.9
66 34.1 23.1 63.1



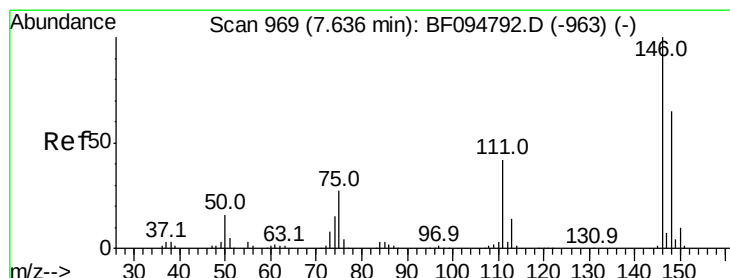
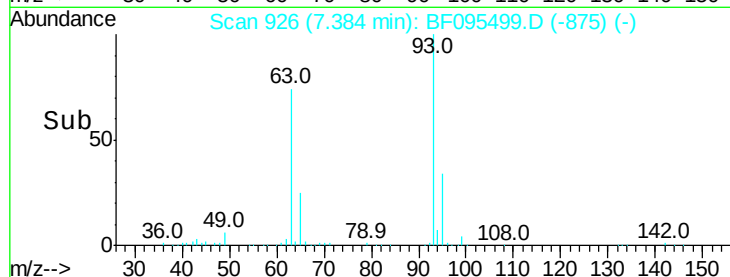
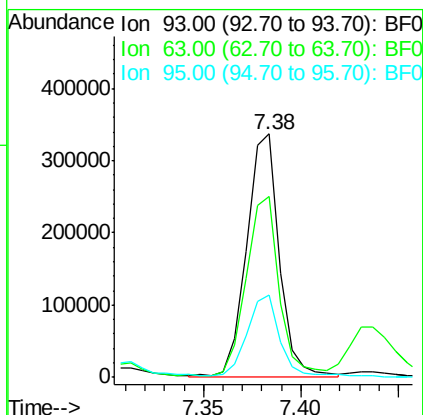
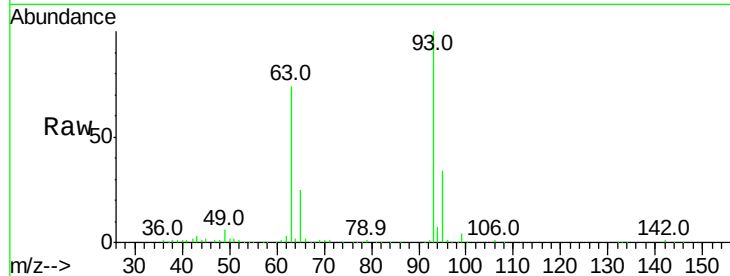


#11
 bis(2-Chloroethyl)ether
 Concen: 40.21 ng
 RT: 7.38 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 391644

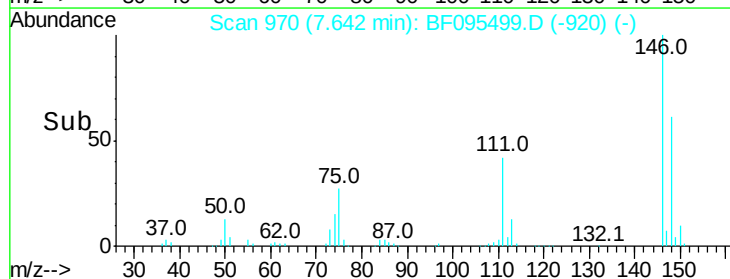
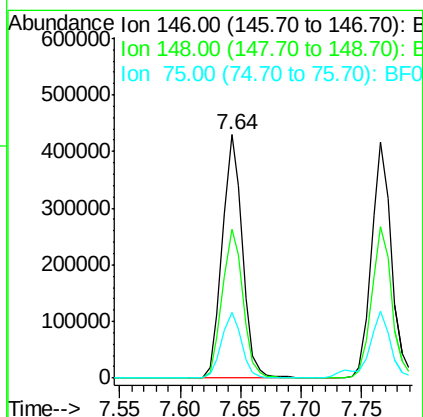
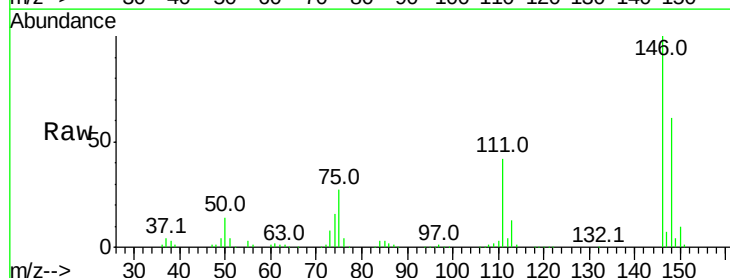
Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.2	99.2
95	33.6	12.8	52.8

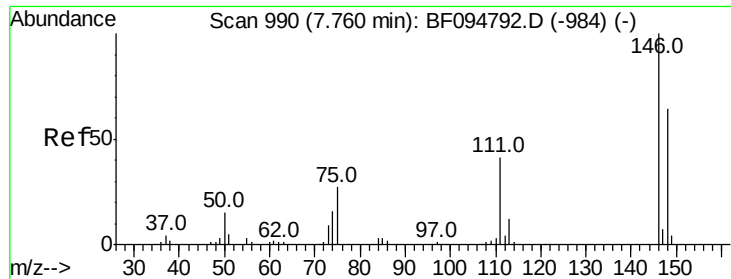


#12
 1,3-Dichlorobenzene
 Concen: 41.13 ng
 RT: 7.64 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion: 146 Resp: 495501

Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.8	77.6
75	27.0	23.1	34.7

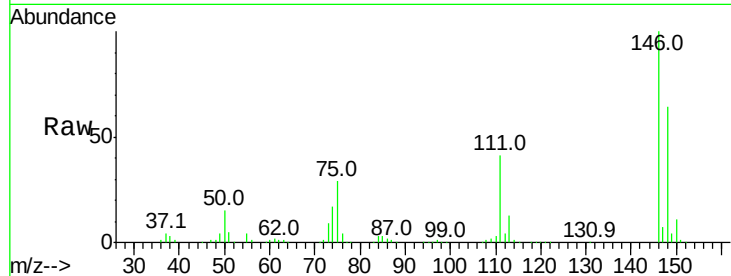




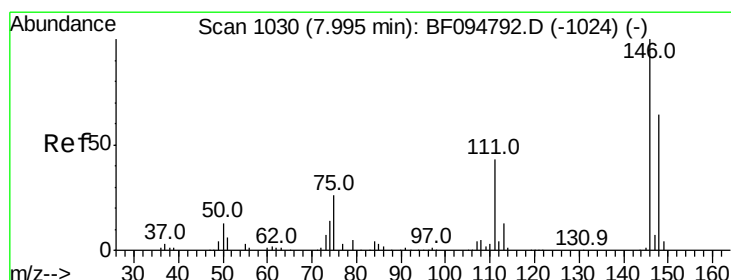
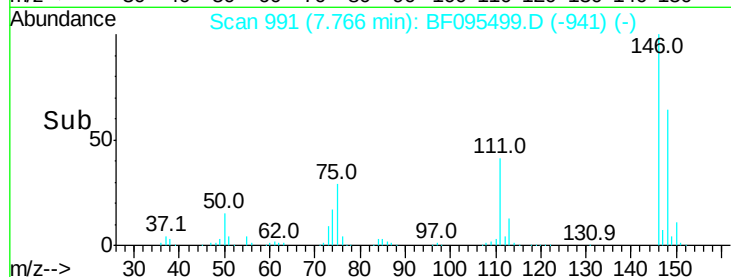
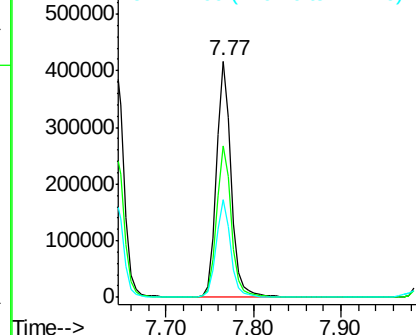
#13
 1,4-Dichlorobenzene
 Concen: 39.98 ng
 RT: 7.77 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 488419
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 41.4 30.3 45.5

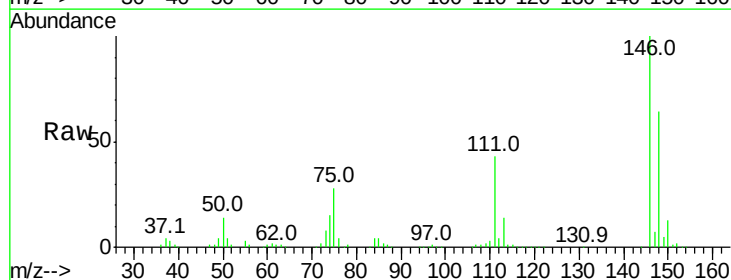


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

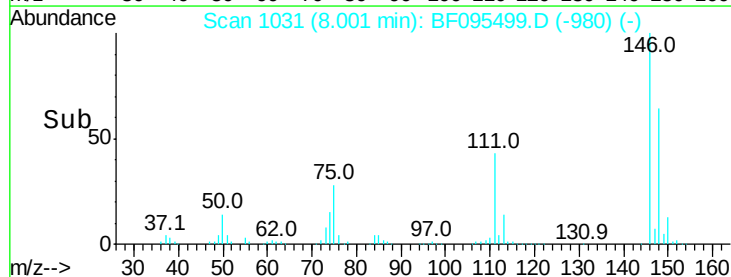
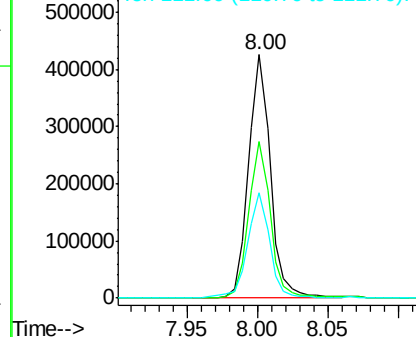


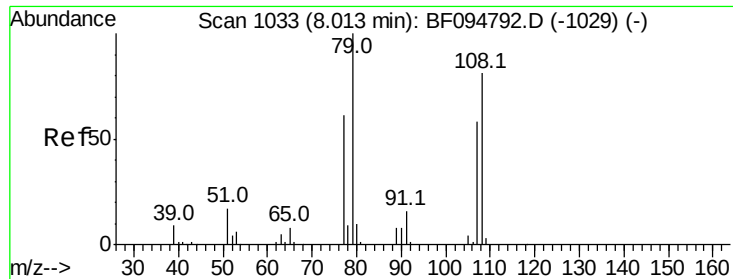
#14
 1,2-Dichlorobenzene
 Concen: 40.73 ng
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:146 Resp: 464463
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.4 75.6
 111 43.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

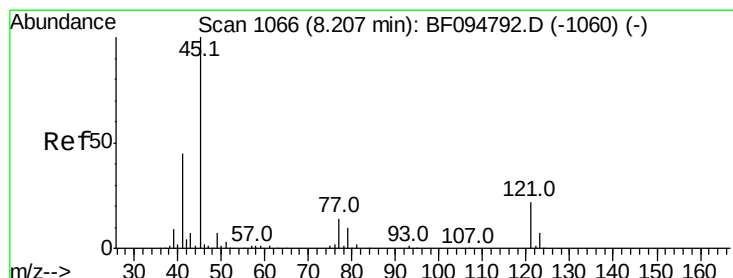
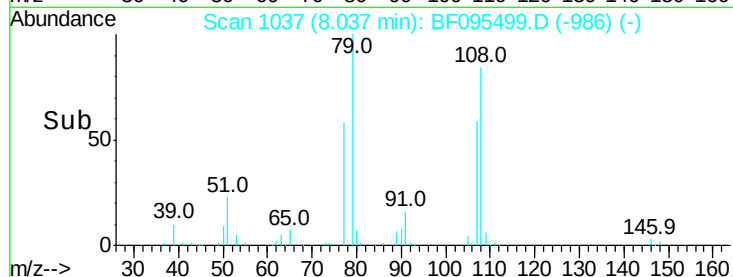
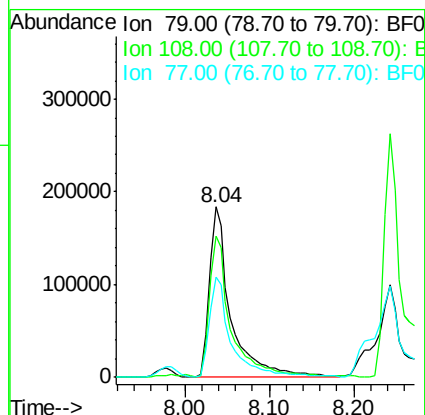
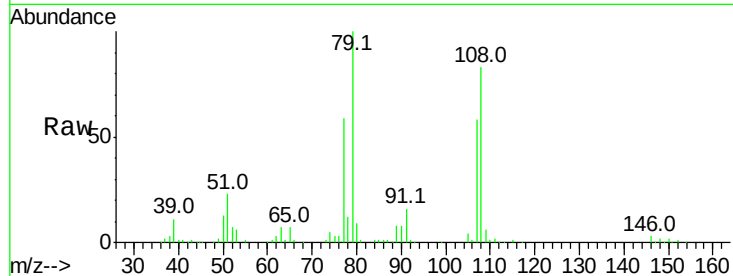




#15
Benzyl Alcohol
Concen: 45.79 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

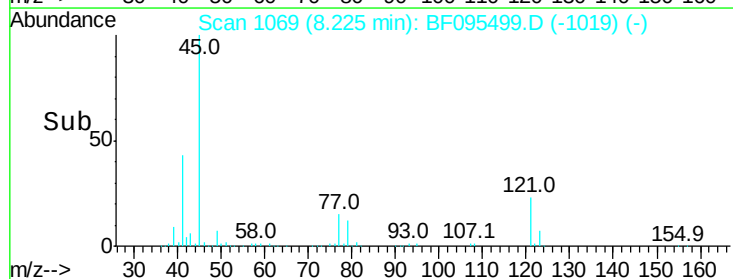
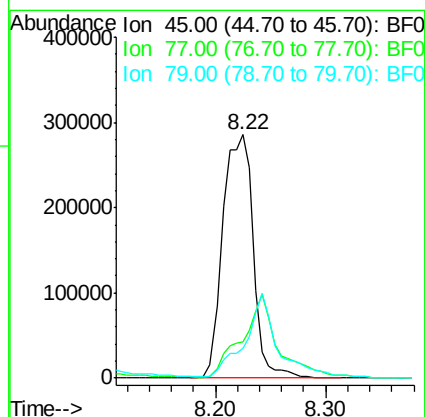
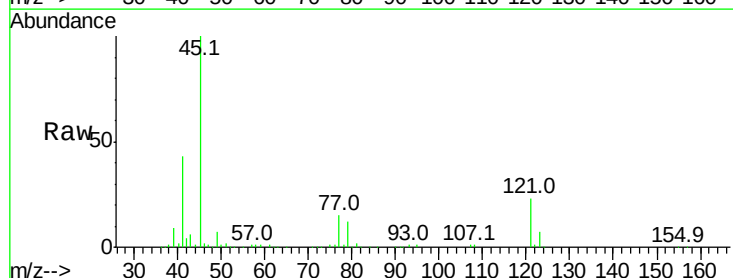
Instrument :
BNA_F
ClientSampleId :

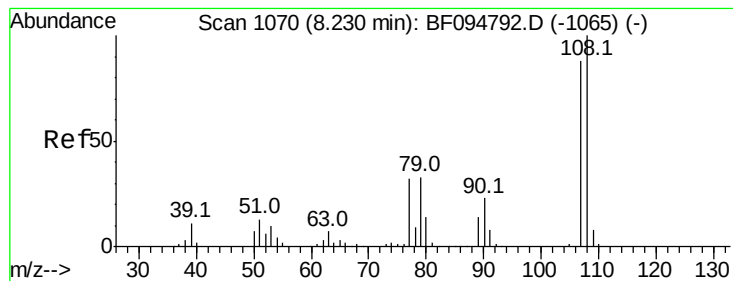
Tot Ion: 79 Resp: 329711
Ion Ratio Lower Upper
79 100
108 82.8 63.4 95.0
77 59.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.85 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion: 45 Resp: 549393
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 12.2 0.0 30.0





#17

2-Methylphenol

Concen: 42.00 ng

RT: 8.24 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 365079

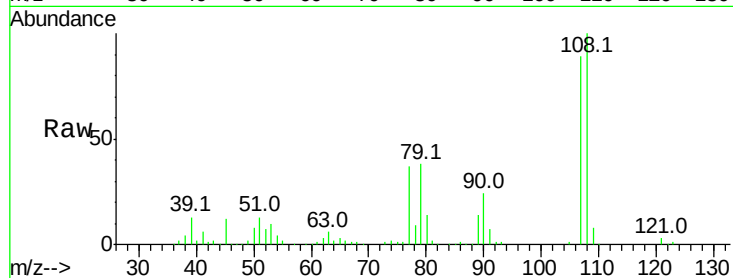
Ion Ratio Lower Upper

107 100

108 113.0 93.4 140.0

77 42.3 35.8 53.6

79 42.7 34.8 52.2

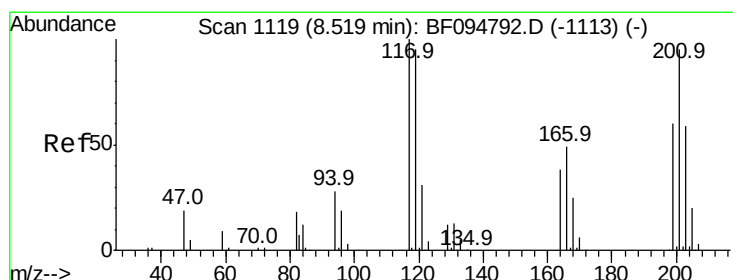
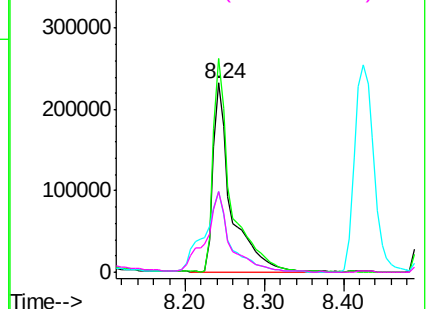
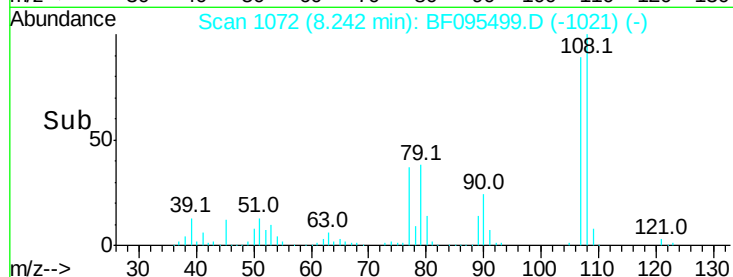


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.66 ng

RT: 8.51 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

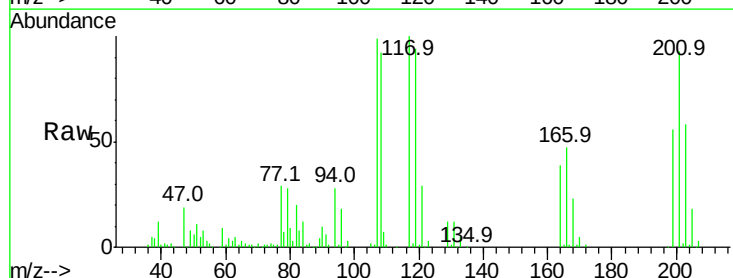
Tgt Ion:117 Resp: 160001

Ion Ratio Lower Upper

117 100

119 93.8 77.4 116.0

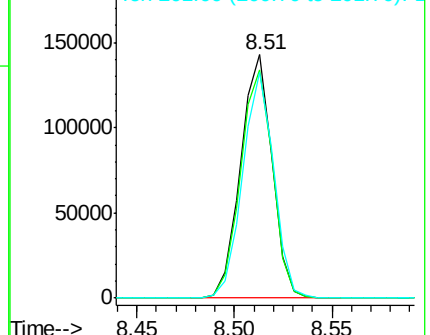
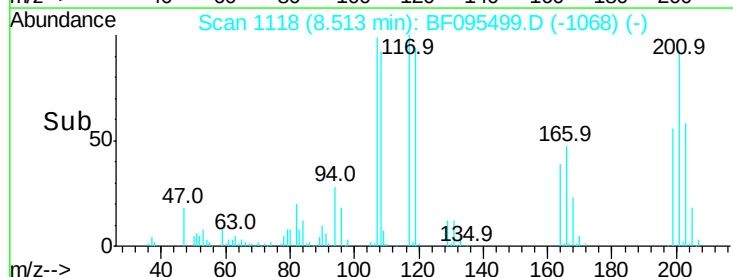
201 92.9 94.6 141.8#

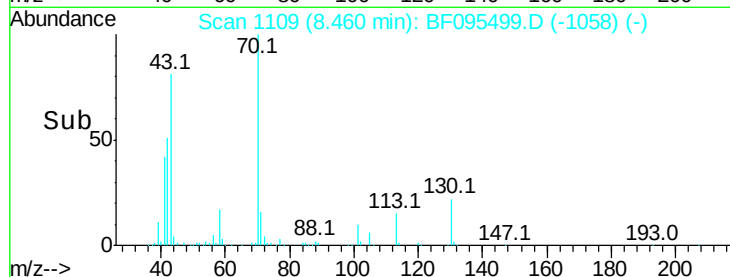
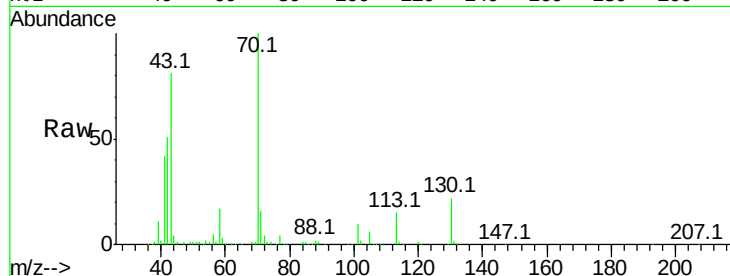
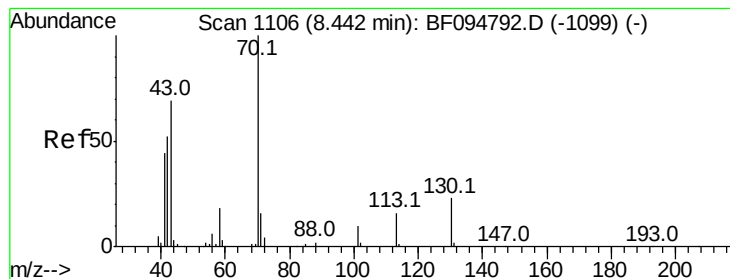


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.48 ng

RT: 8.46 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 306532

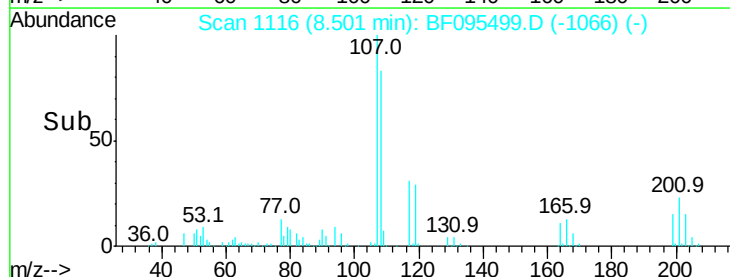
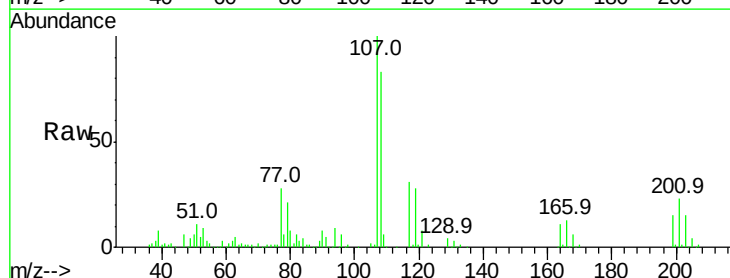
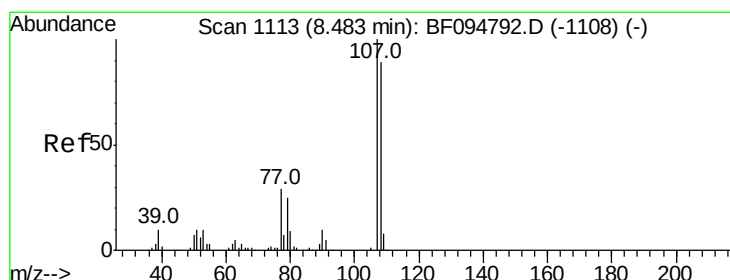
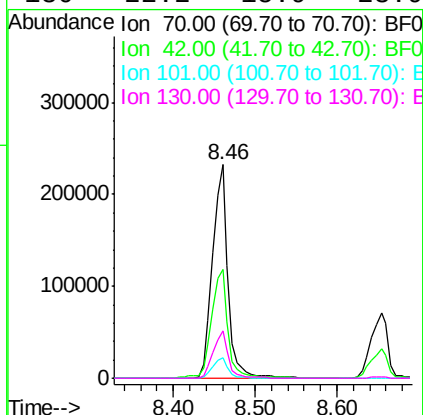
Ion Ratio Lower Upper

70 100

42 51.1 47.2 70.8

101 9.7 7.2 10.8

130 22.2 15.9 23.9



#20

3+4-Methylphenols

Concen: 40.26 ng

RT: 8.50 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion: 107 Resp: 475553

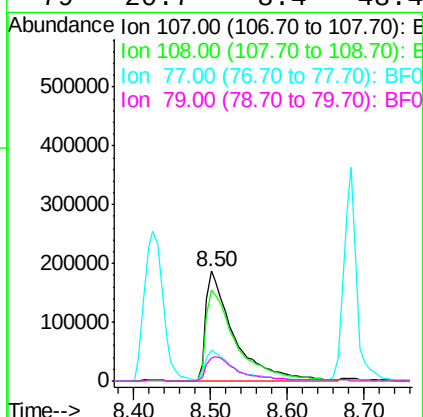
Ion Ratio Lower Upper

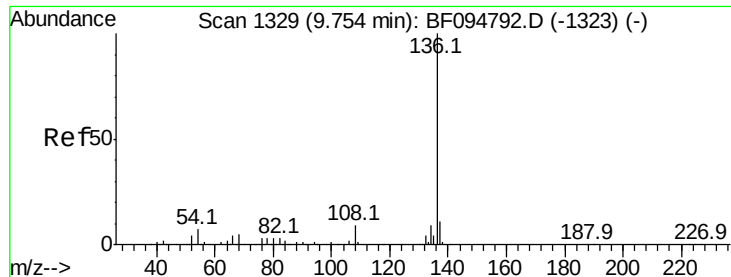
107 100

108 83.3 71.0 111.0

77 28.2 90.5 130.5#

79 20.7 8.4 48.4

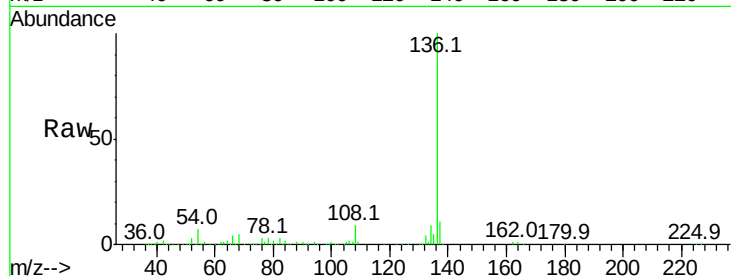




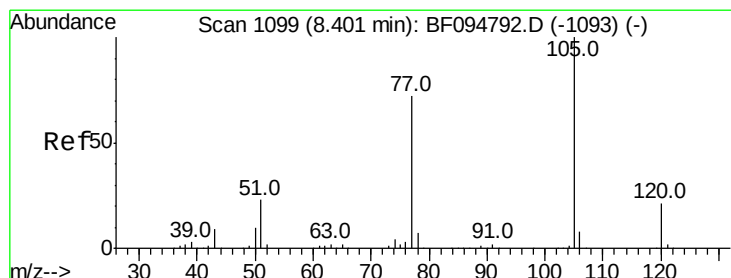
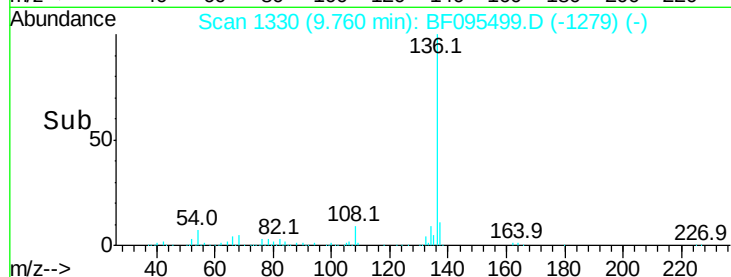
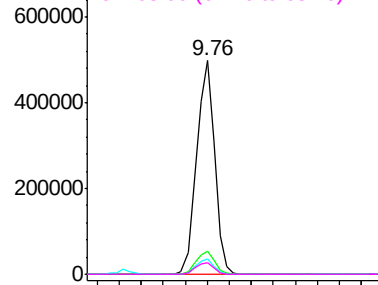
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	569443
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	7.0	4.9 7.3
68	5.3	4.1 6.1

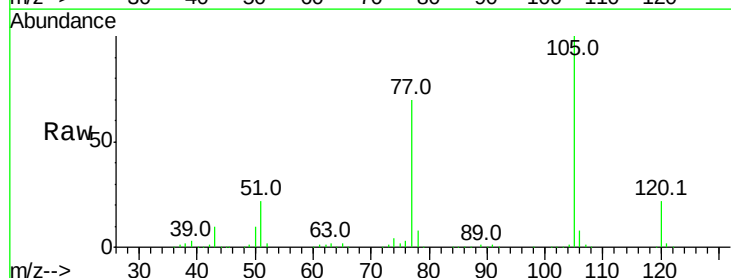


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

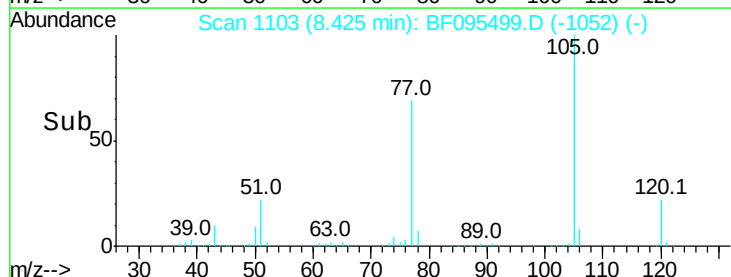
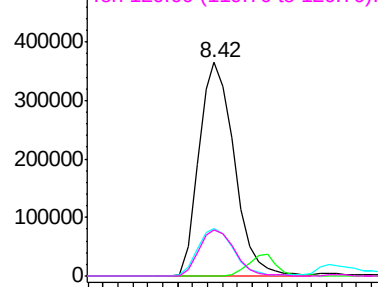


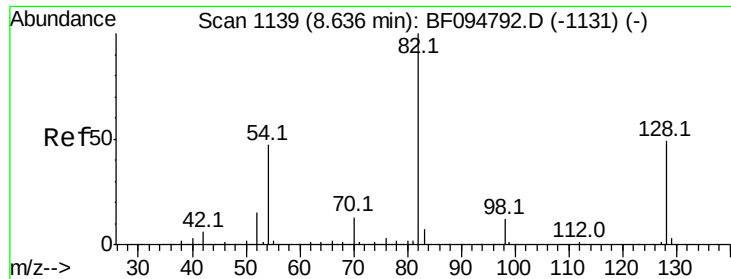
#22
Acetophenone
Concen: 44.30 ng
RT: 8.42 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion:105	Resp:	605260
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	21.9	30.7 46.1#
120	21.7	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

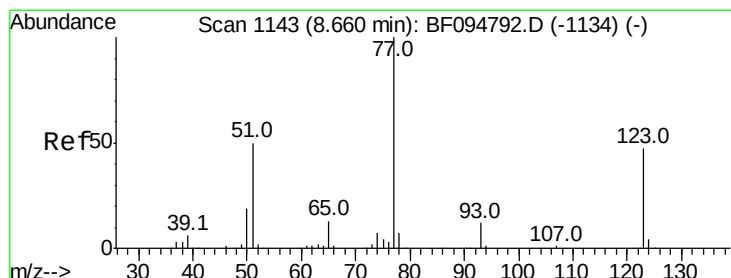
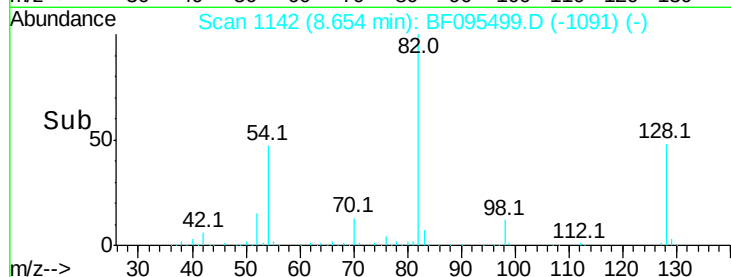
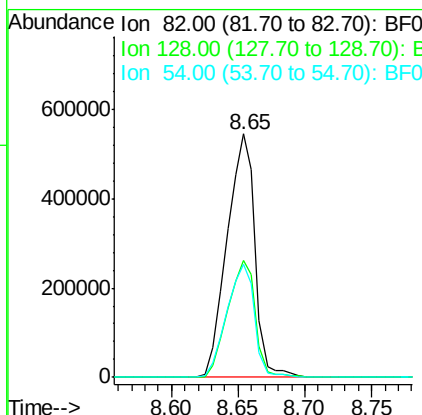
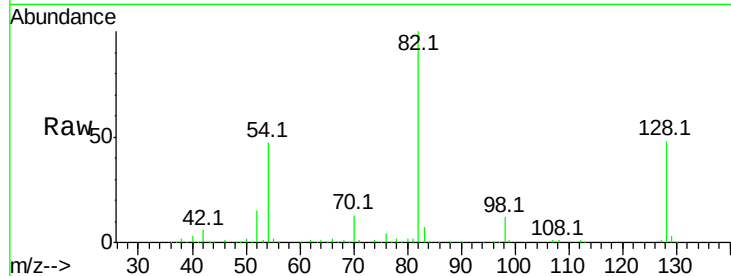




#23
 Nitrobenzene-d5
 Concen: 88.57 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

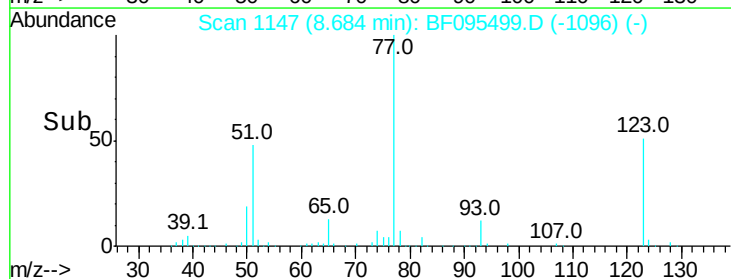
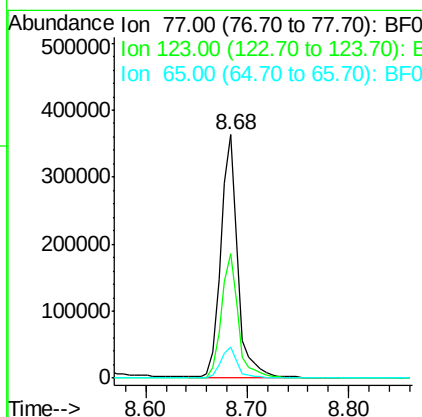
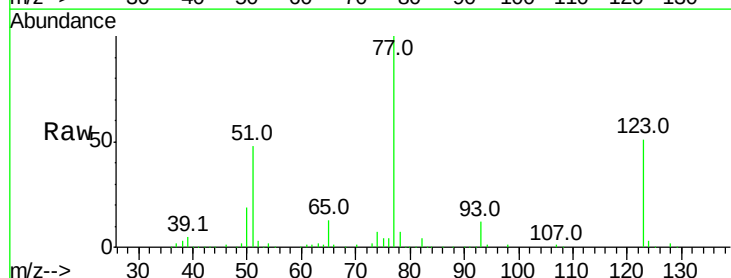
Instrument :
 BNA_F
 ClientSampleId :

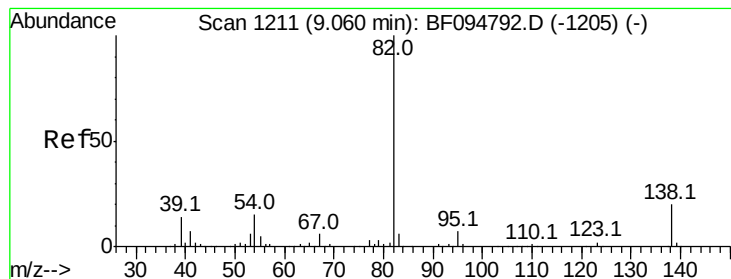
Tot Ion	82	Resp	799818
Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	46.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 43.91 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	77	Resp	415618
Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.8	53.8
65	12.9	10.6	15.8





#25

Isophorone

Concen: 46.20 ng

RT: 9.08 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

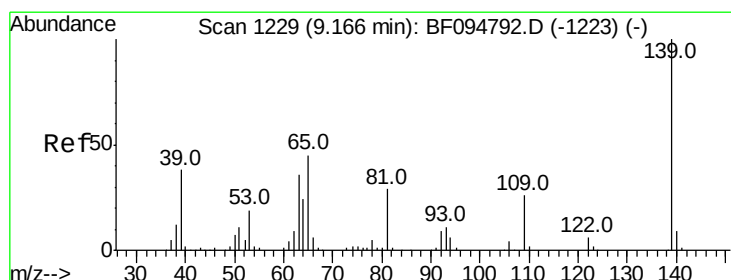
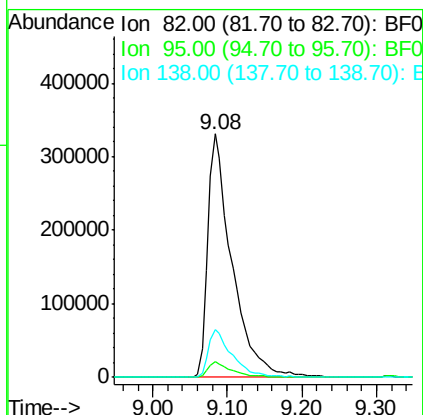
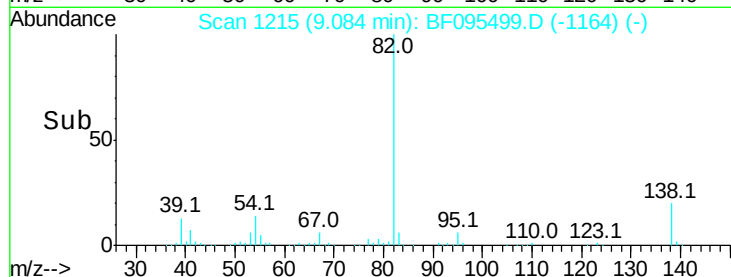
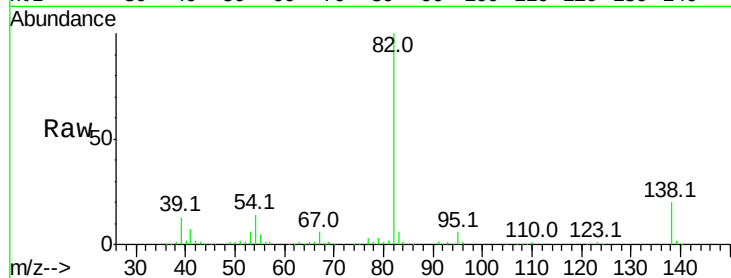
Tot Ion: 82 Resp: 745020

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 47.33 ng

RT: 9.18 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

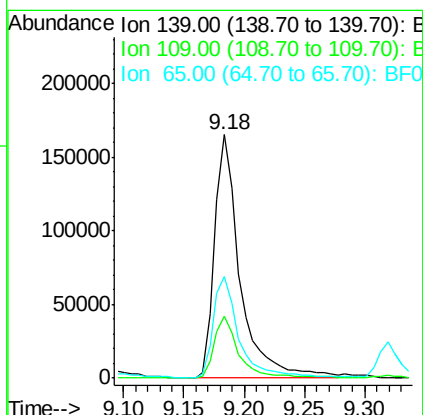
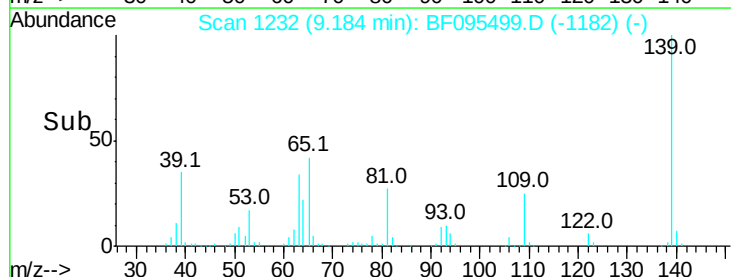
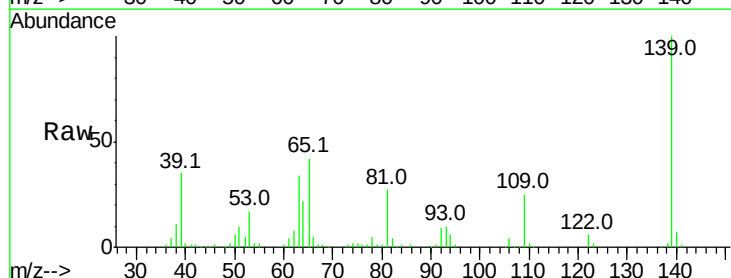
Tgt Ion:139 Resp: 241751

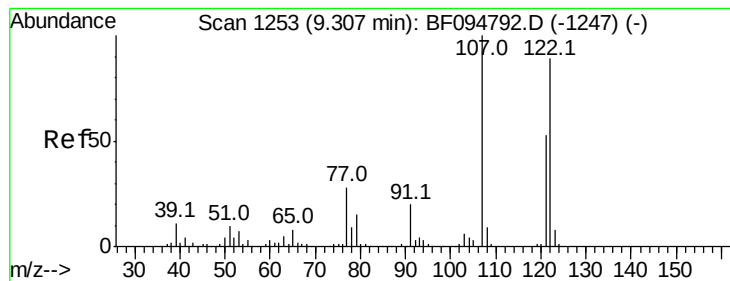
Ion Ratio Lower Upper

139 100

109 25.5 21.0 31.6

65 41.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 45.48 ng

RT: 9.32 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :

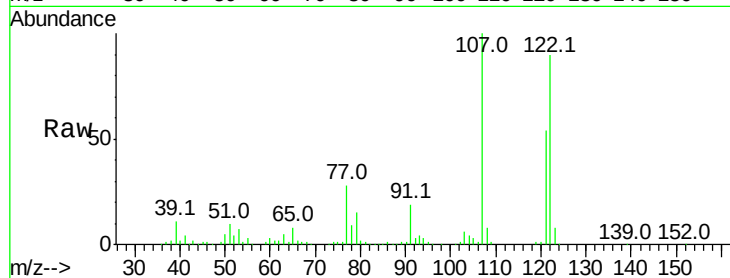
Tot Ion:122 Resp: 375534

Ion Ratio Lower Upper

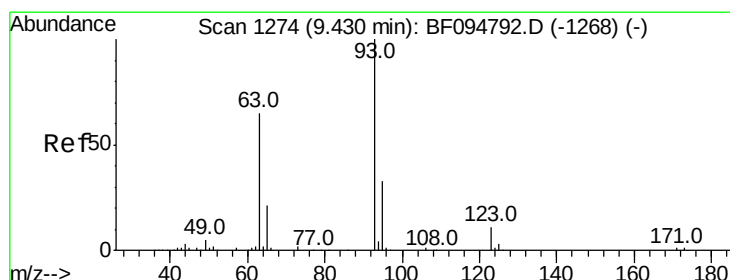
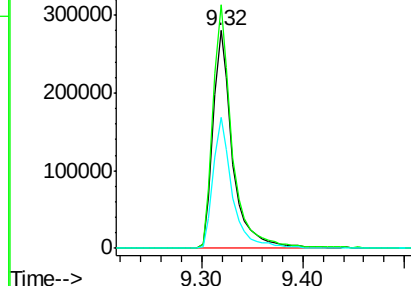
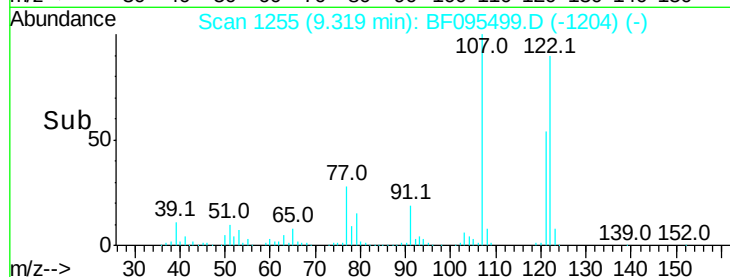
122 100

107 111.7 89.2 133.8

121 59.8 45.2 67.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 45.27 ng

RT: 9.44 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

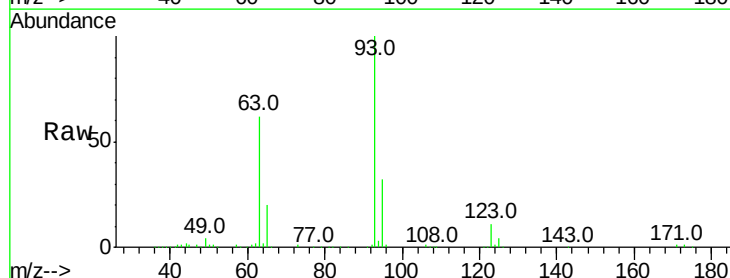
Tgt Ion: 93 Resp: 504995

Ion Ratio Lower Upper

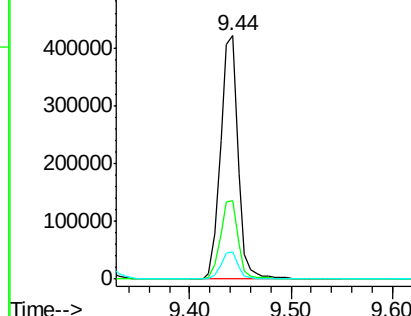
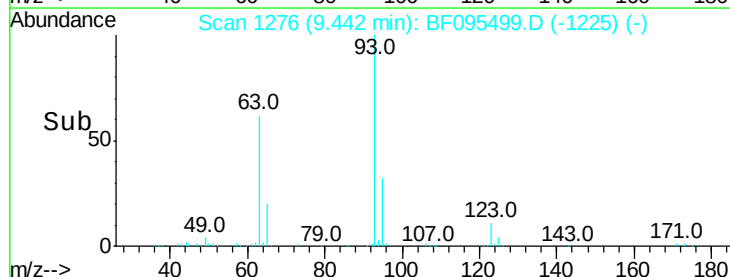
93 100

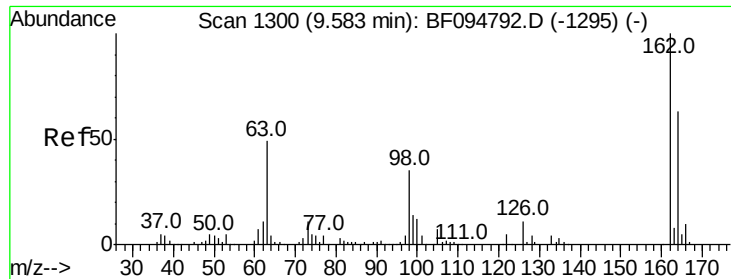
95 32.4 26.5 39.7

123 11.1 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

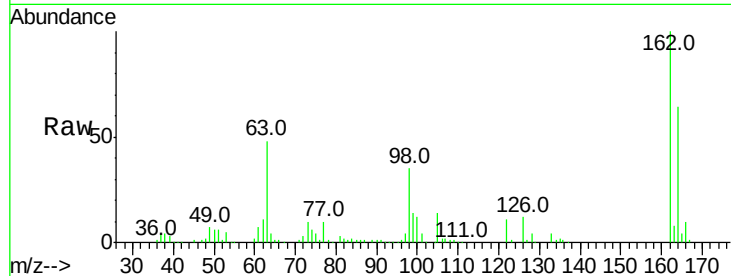




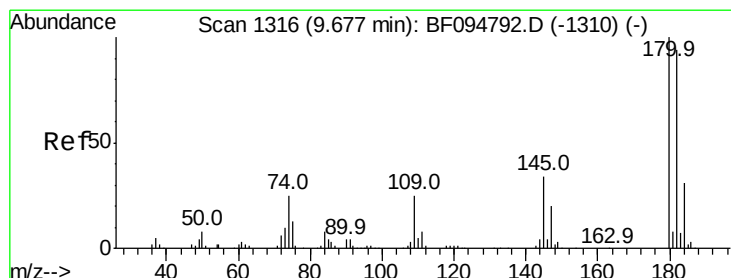
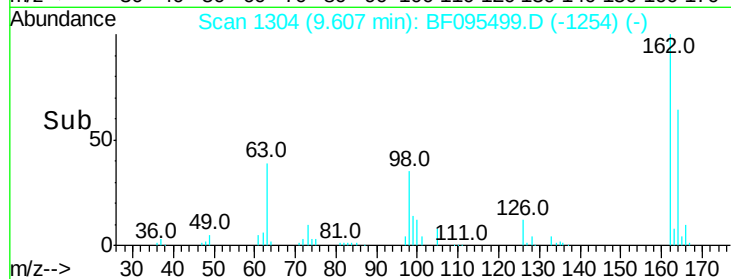
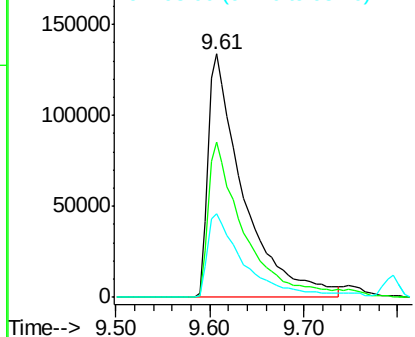
#29
 2,4-Dichlorophenol
 Concen: 44.96 ng
 RT: 9.61 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	34.5	14.8	54.8

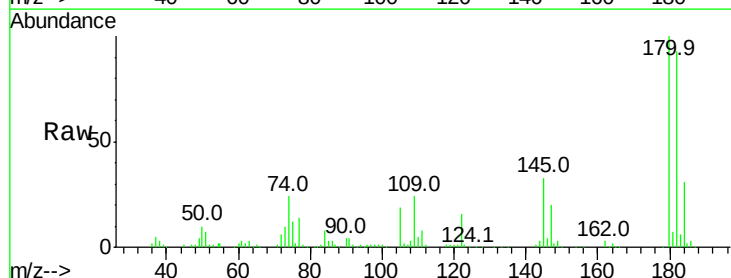


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

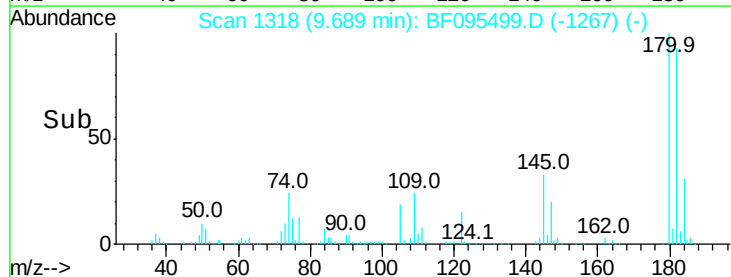
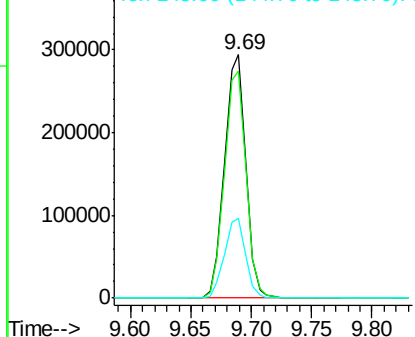


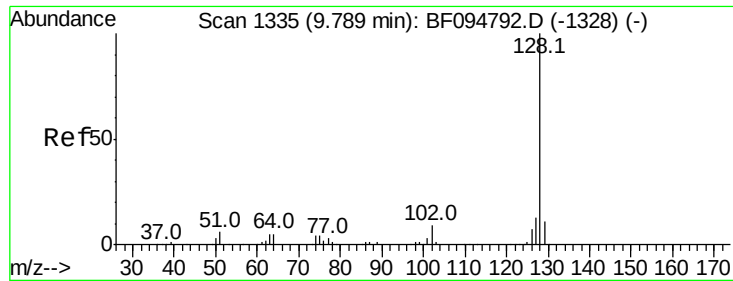
#30
 1,2,4-Trichlorobenzene
 Concen: 42.93 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	32.5	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

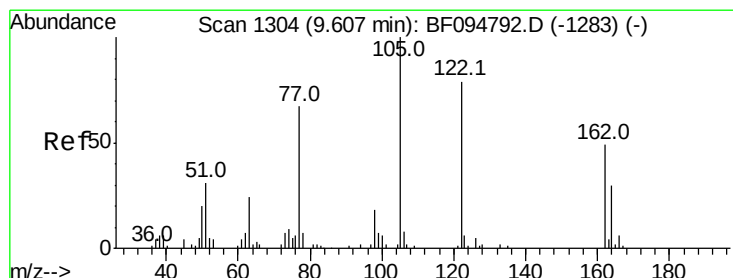
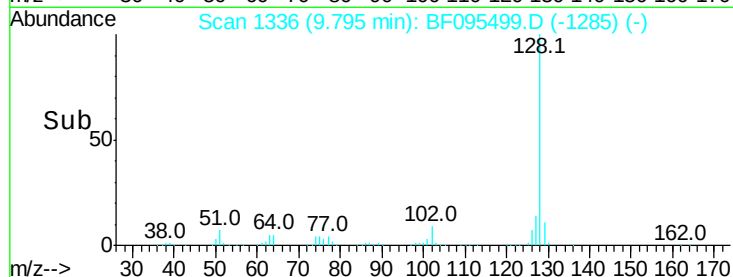
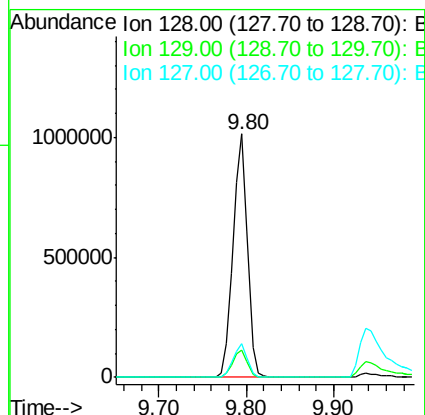
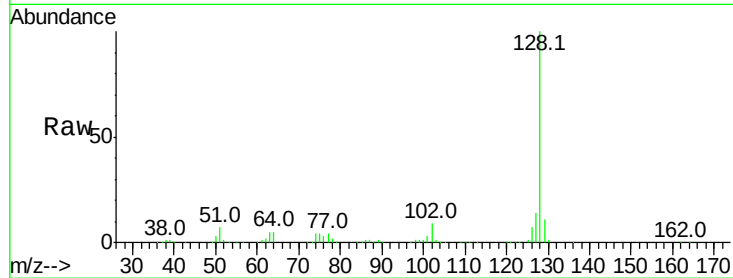




#31
Naphthalene
Concen: 39.48 ng
RT: 9.80 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

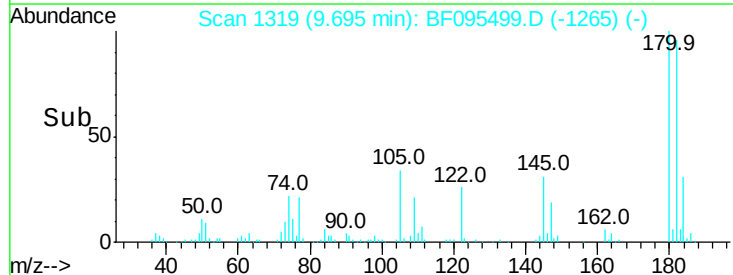
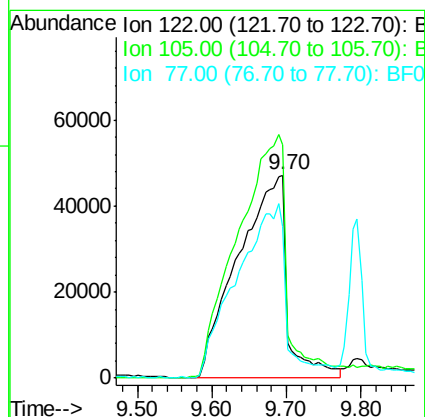
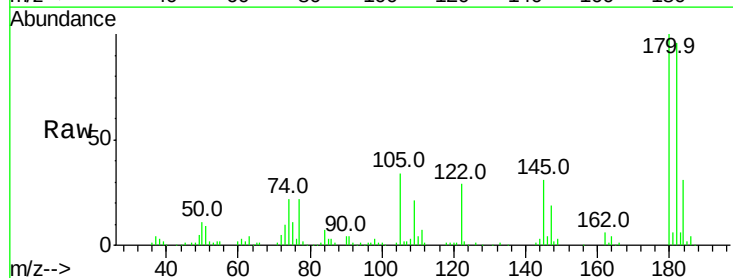
Instrument :
BNA_F
ClientSampleId :

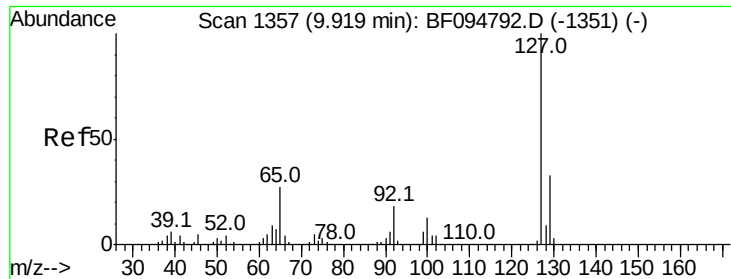
Tot Ion:128 Resp: 1130033
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 40.75 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion:122 Resp: 216307
Ion Ratio Lower Upper
122 100
105 114.6 103.3 143.3
77 74.8 73.7 113.7

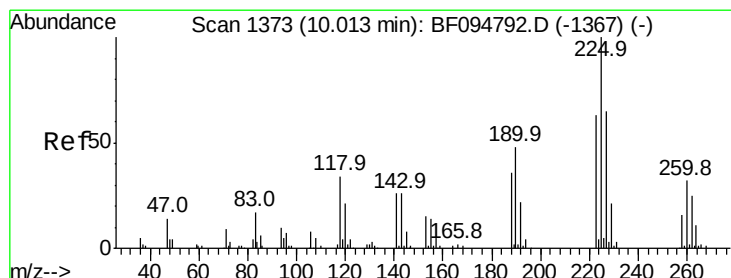
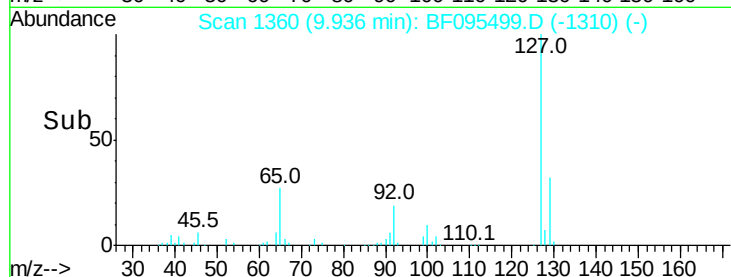
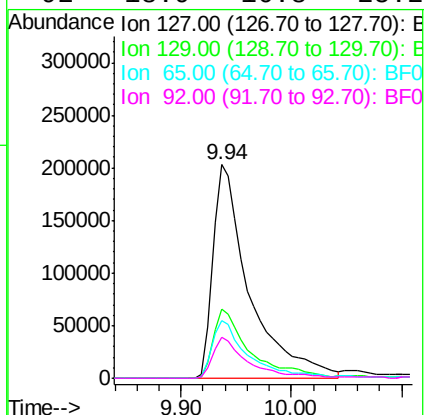
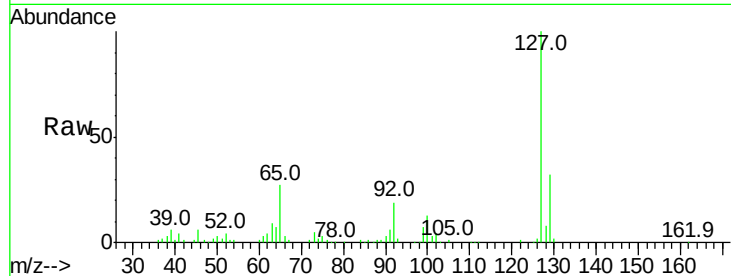




#33
 4-Chloroaniline
 Concen: 43.46 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

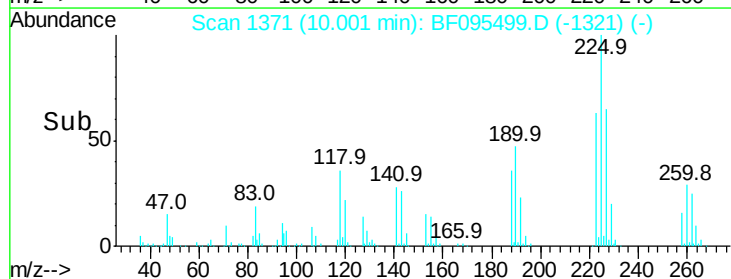
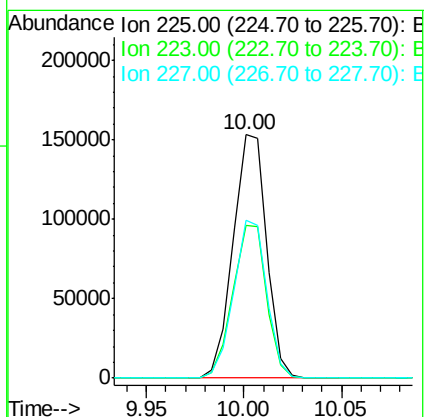
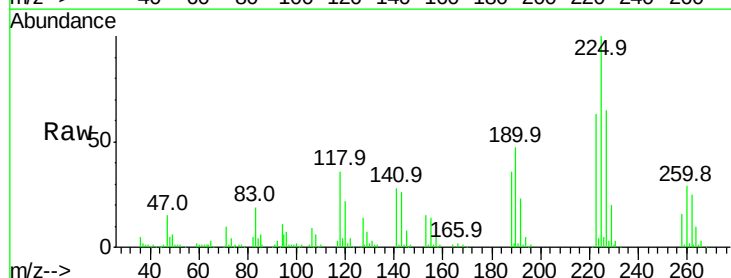
Instrument :
 BNA_F
 ClientSampleId :

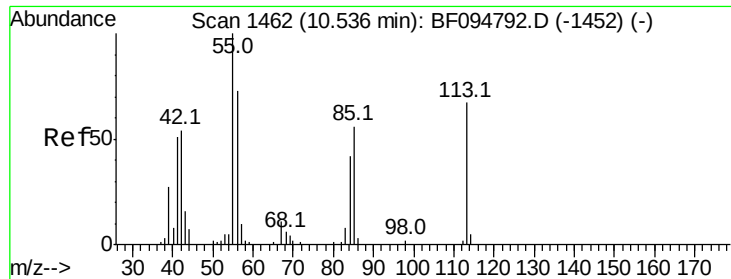
Tot Ion:	127	Resp:	463532
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	27.2	27.8	41.8#
92	18.9	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 41.41 ng
 RT: 10.00 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:	225	Resp:	182538
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	64.6	51.1	76.7





#35

Caprolactam

Concen: 4.87 ng

RT: 10.68 min Scan# 1486

Delta R.T. 0.09 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampled :

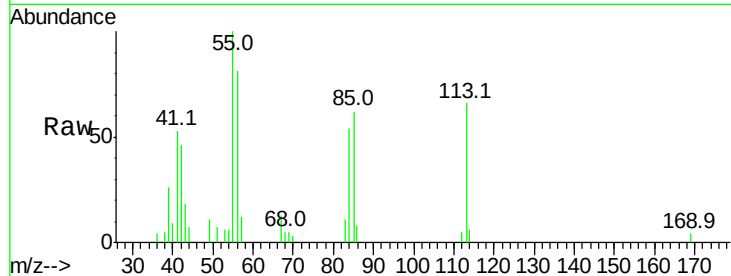
Tot Ion:113 Resp: 11408

Ion Ratio Lower Upper

113 100

55 150.7 150.2 190.2

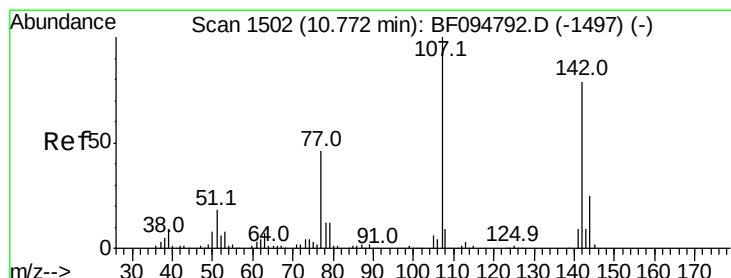
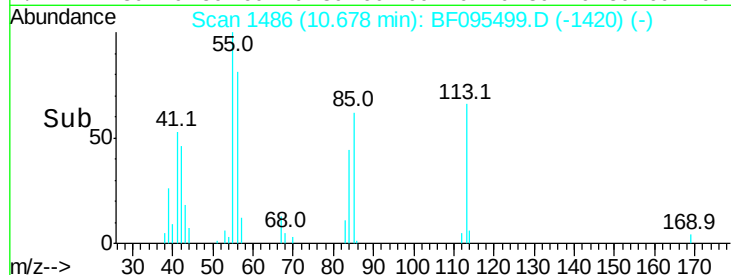
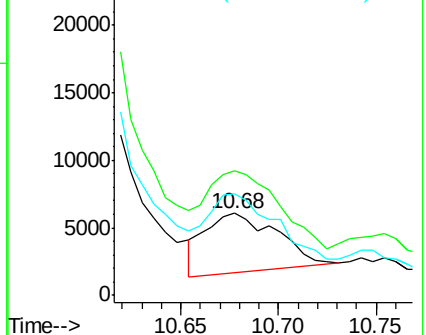
56 122.6 107.8 147.8



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: 46.53 ng

RT: 10.80 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

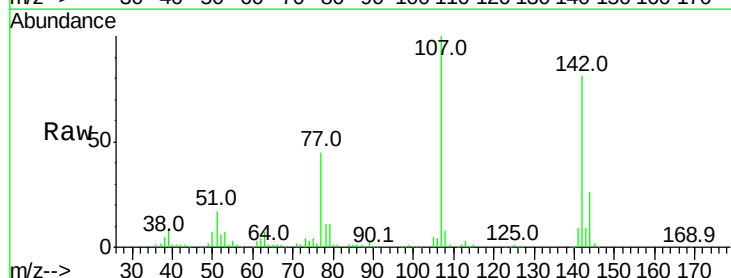
Tgt Ion:107 Resp: 387904

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

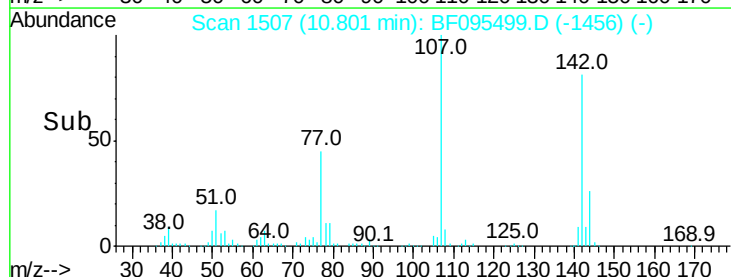
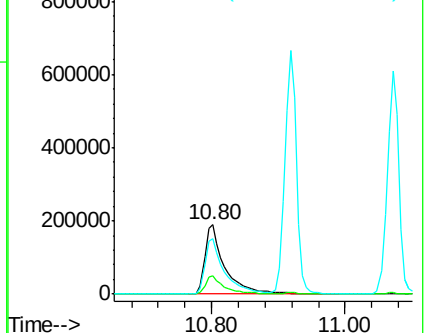
142 80.6 73.4 110.0

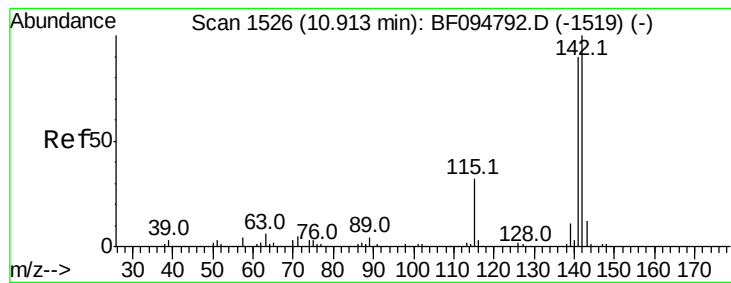


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.57 ng

RT: 10.92 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampled :

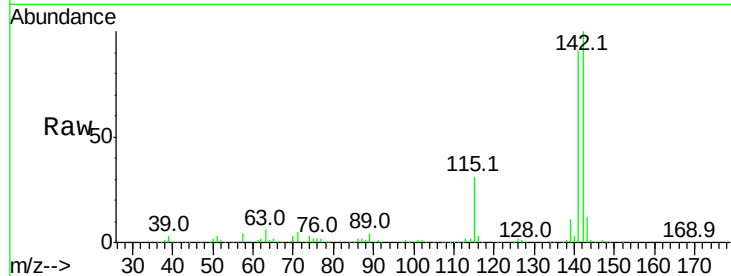
Tot Ion:142 Resp: 818350

Ion Ratio Lower Upper

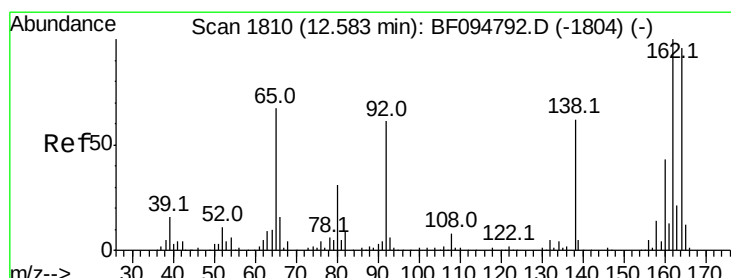
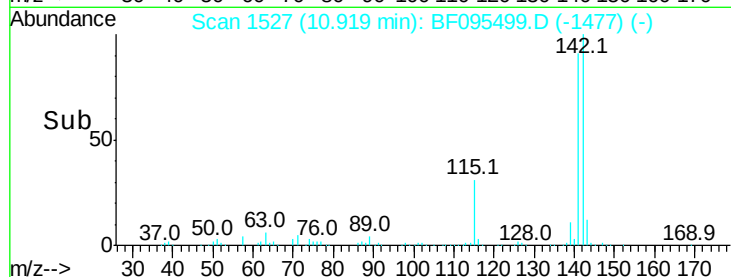
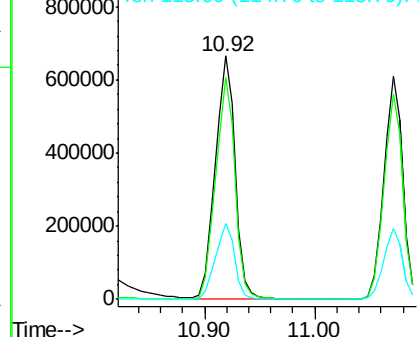
142 100

141 90.9 71.3 106.9

115 31.3 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

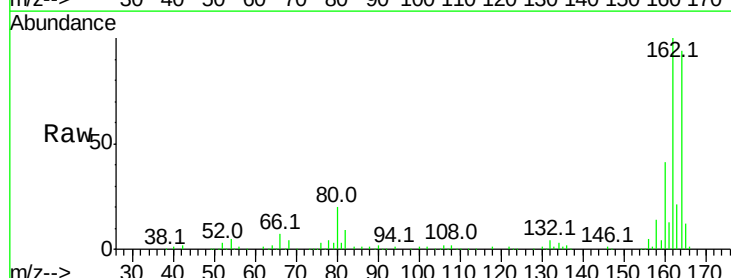
Tgt Ion:164 Resp: 276877

Ion Ratio Lower Upper

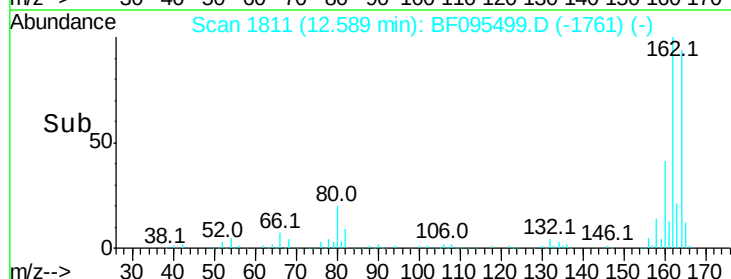
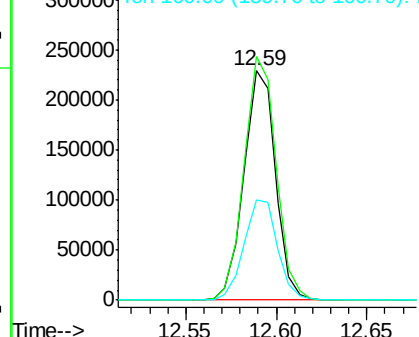
164 100

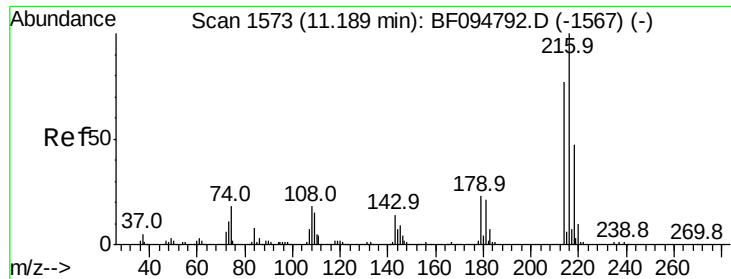
162 106.3 82.6 123.8

160 43.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.90 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 331180

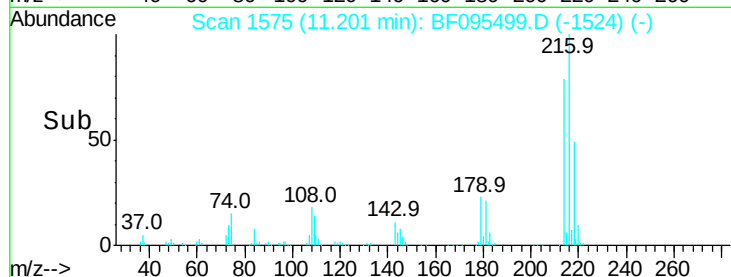
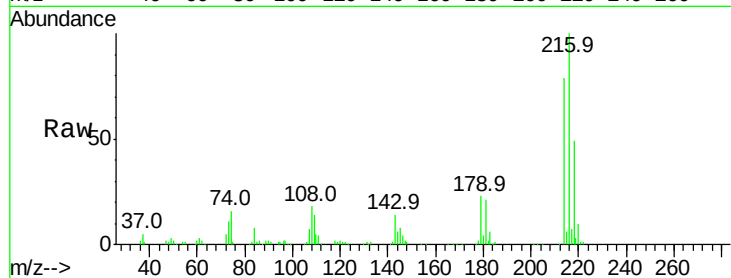
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 22.0 17.9 26.9

108 19.8 16.5 24.7

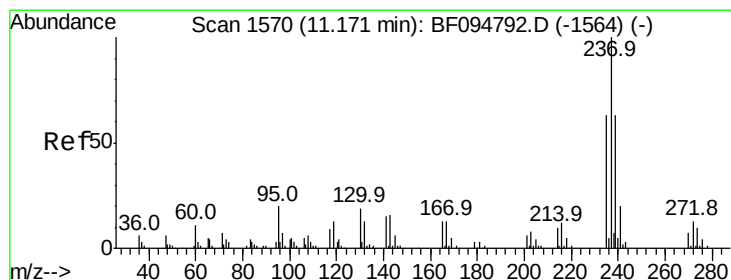
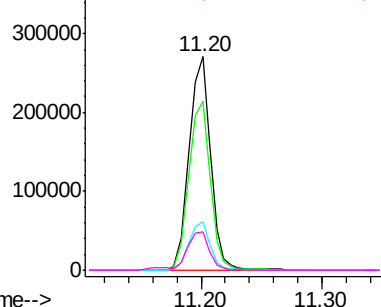


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.20 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

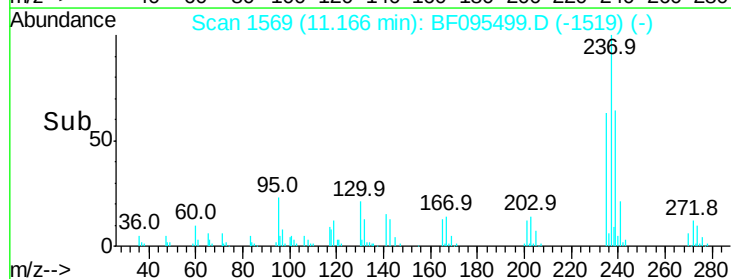
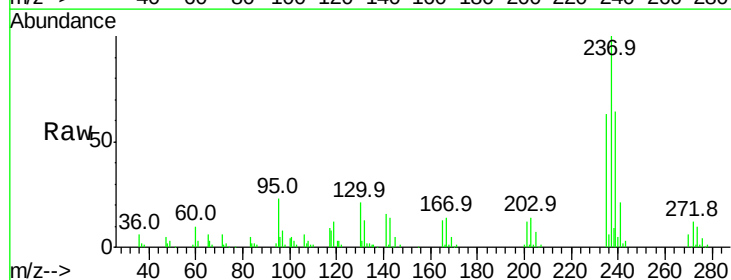
Tgt Ion:237 Resp: 124473

Ion Ratio Lower Upper

237 100

235 62.9 42.6 82.6

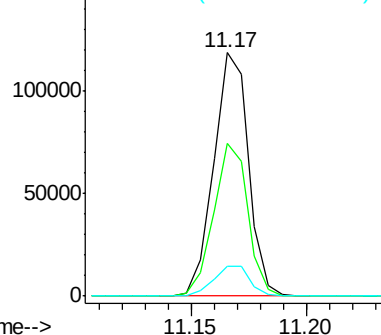
272 12.5 0.0 31.9

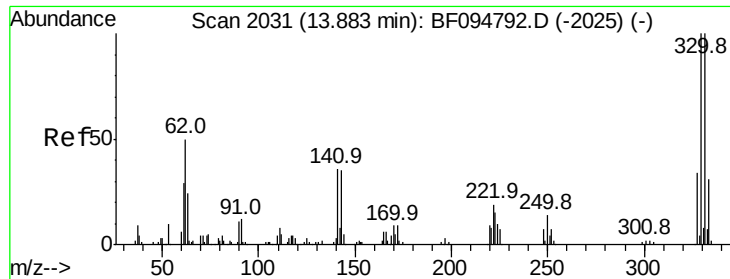


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

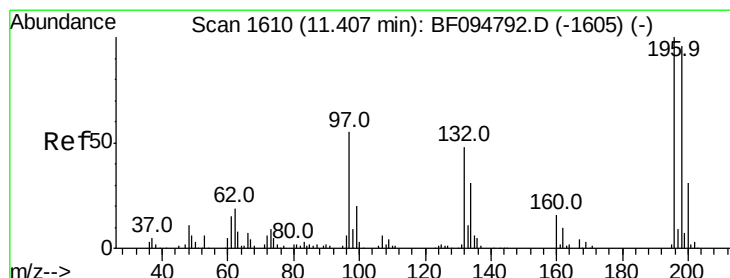
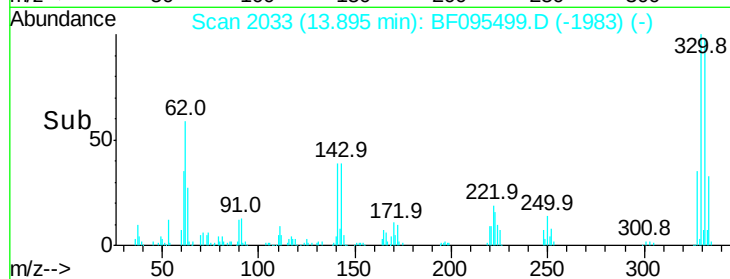
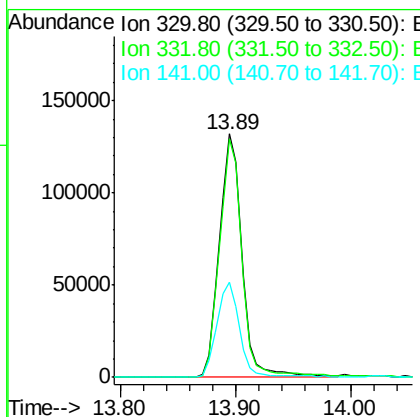
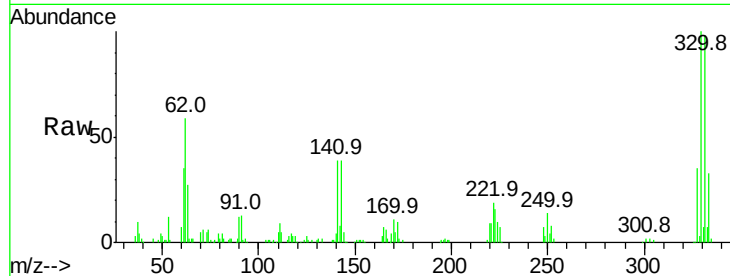




#41
 2,4,6-Tribromophenol
 Concen: 79.68 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

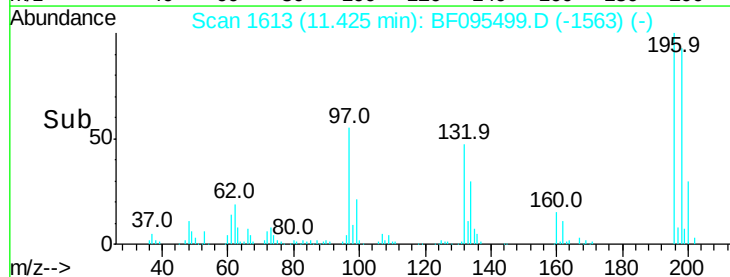
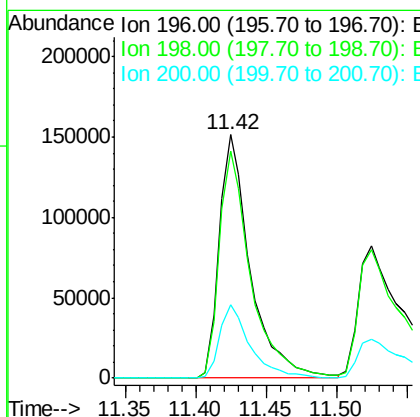
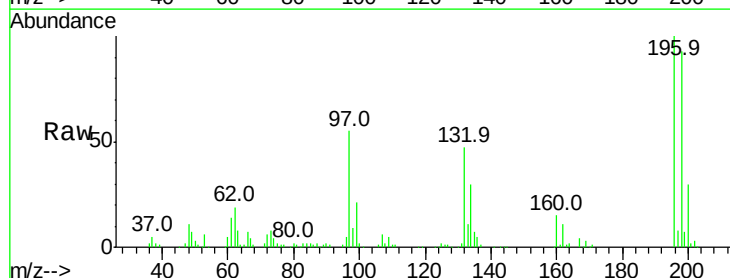
Instrument :
 BNA_F
 ClientSampleId :

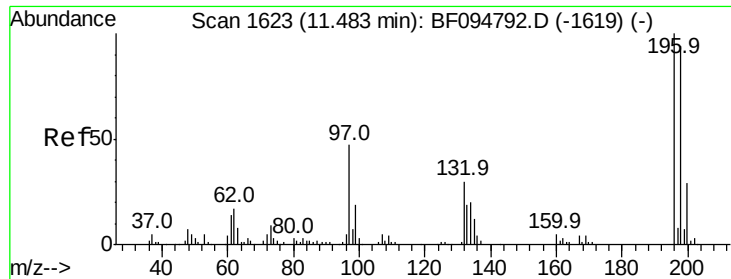
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	39.5	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.79 ng
 RT: 11.42 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.2	111.4
200	30.2	24.0	36.0

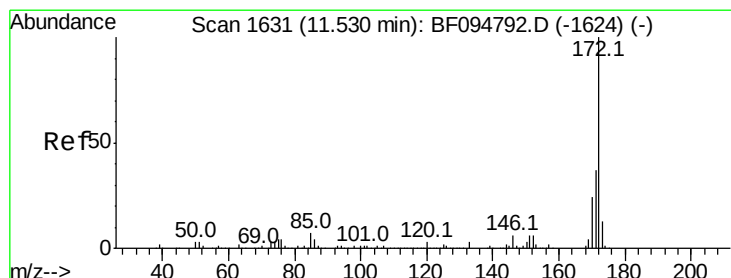
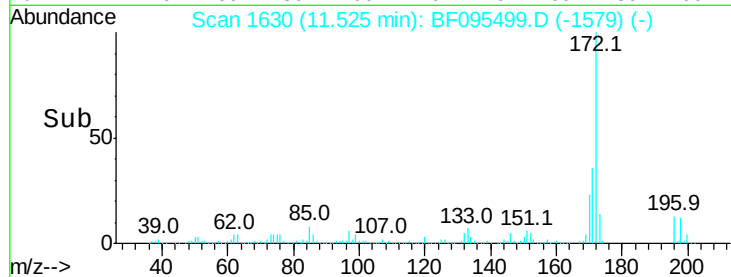
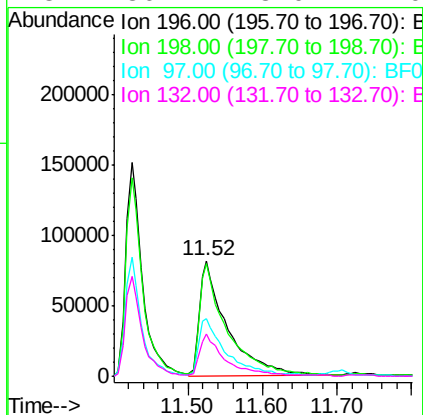
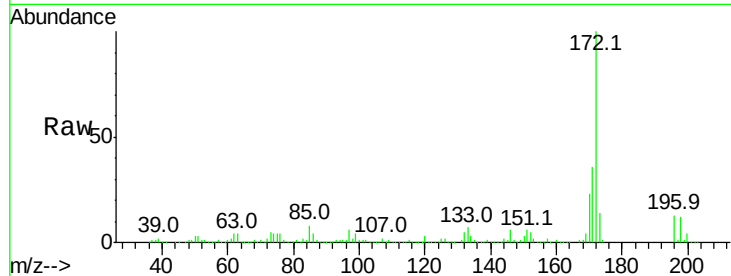




#43
 2,4,5-Trichlorophenol
 Concen: 34.16 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

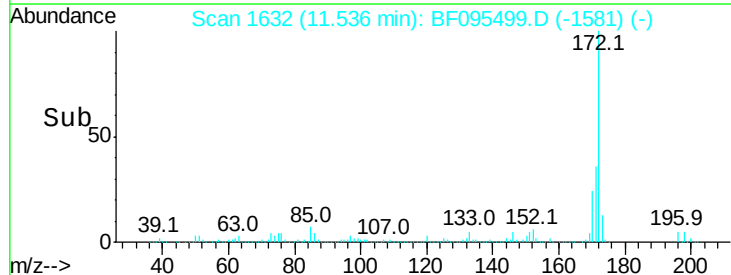
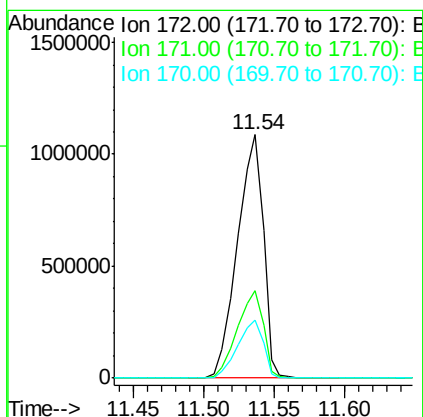
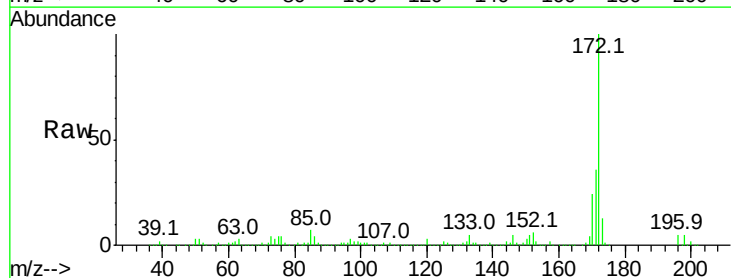
Instrument :
 BNA_F
 ClientSampleId :

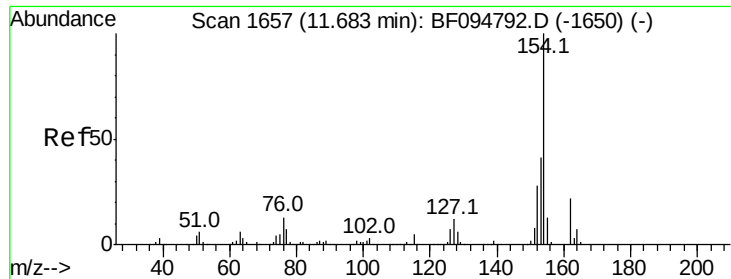
Tot Ion:196 Resp: 208713
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 97 49.7 47.7 71.5
 132 36.1 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 72.54 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:172 Resp: 1395336
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 19.8 29.8

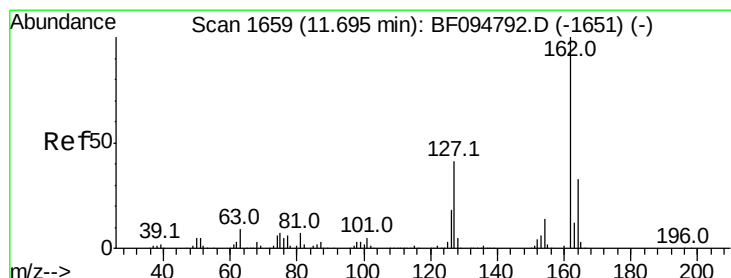
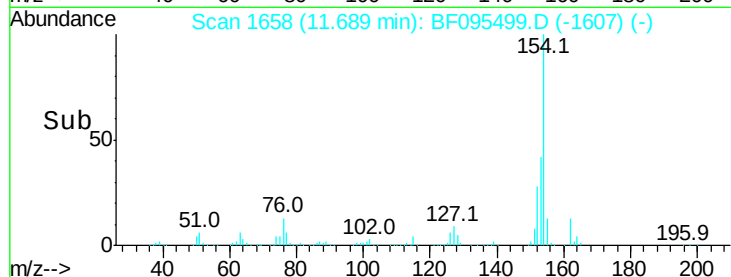
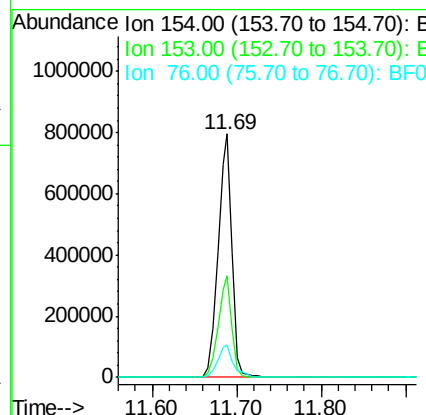
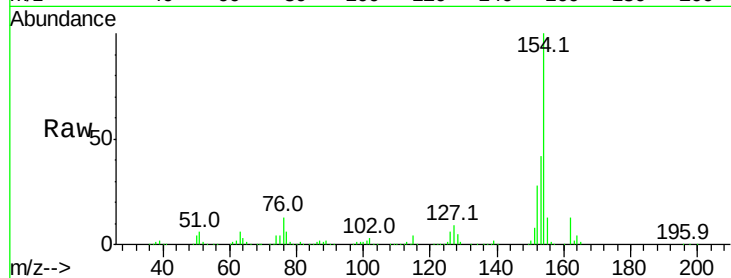




#45
 1,1'-Biphenyl
 Concen: 39.66 ng
 RT: 11.69 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

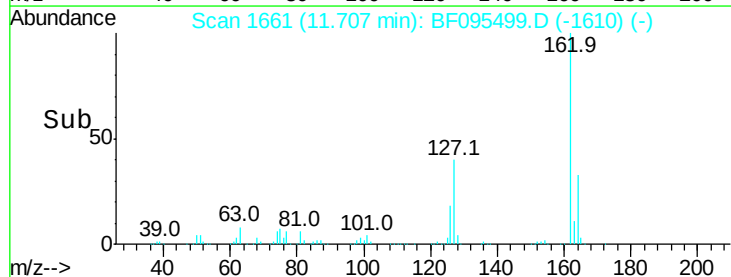
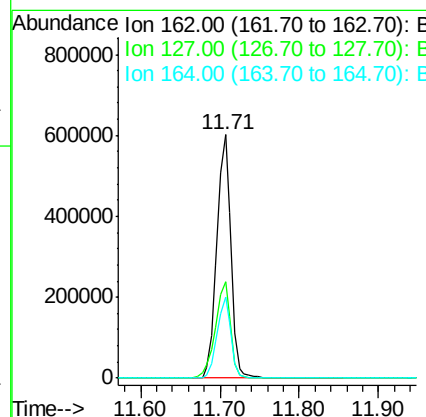
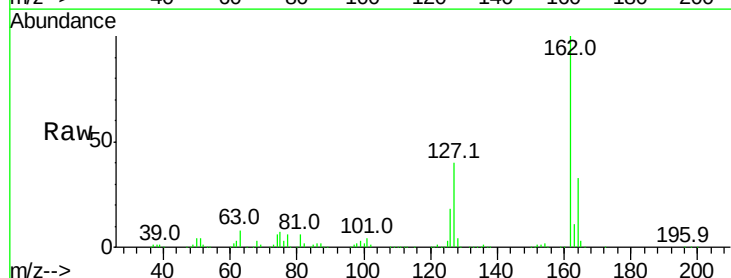
Instrument :
 BNA_F
 ClientSampleId :

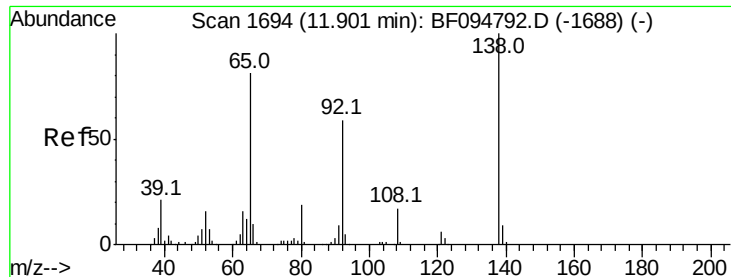
Tot Ion:154 Resp: 924619
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.2 61.2
 76 13.2 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 39.57 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:162 Resp: 744830
 Ion Ratio Lower Upper
 162 100
 127 39.8 28.3 42.5
 164 33.3 27.0 40.4

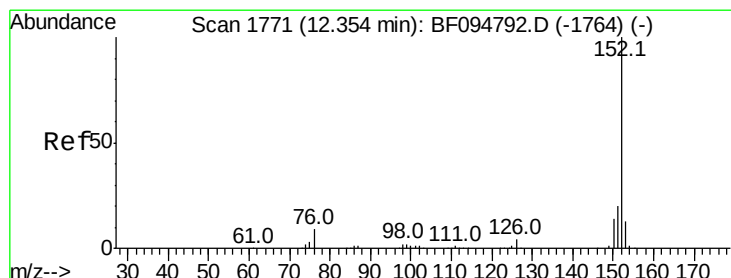
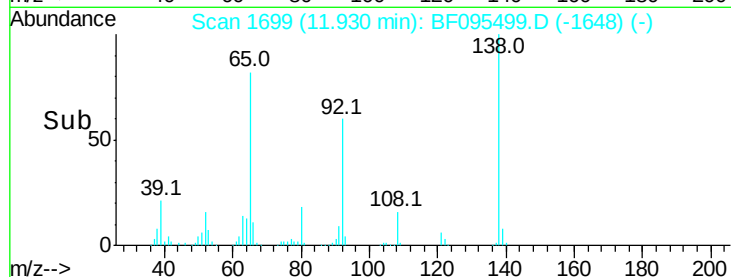
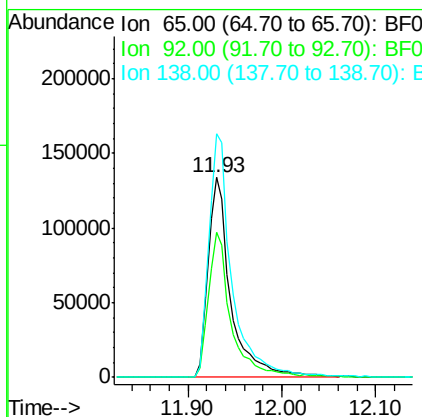
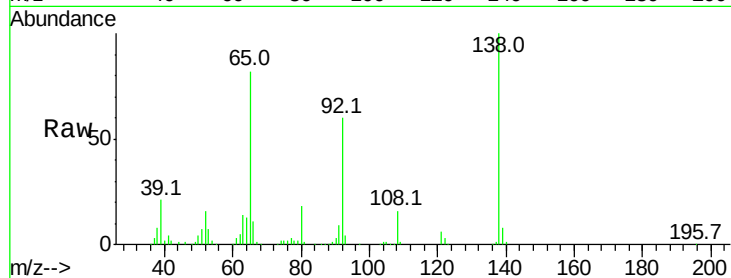




#47
2-Nitroaniline
Concen: 44.13 ng
RT: 11.93 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

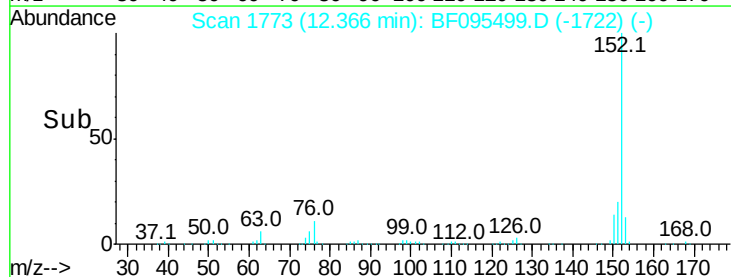
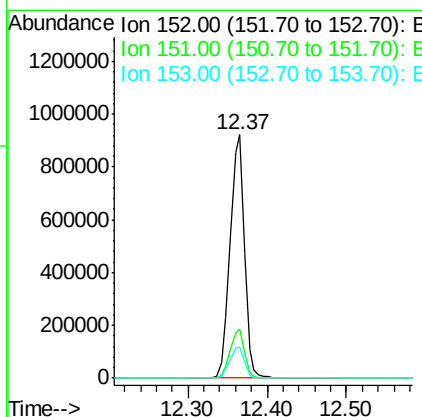
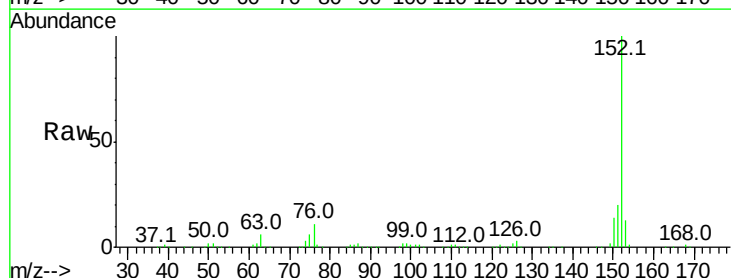
Instrument :
BNA_F
ClientSampleId :

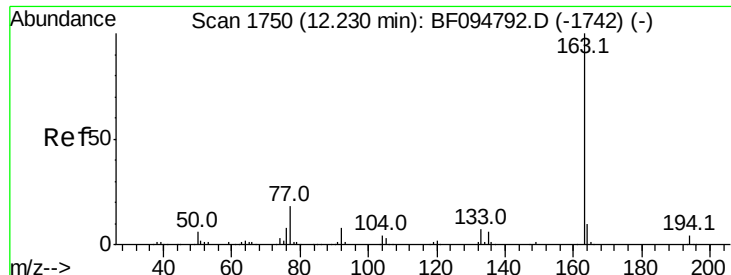
Tot Ion: 65 Resp: 227373
Ion Ratio Lower Upper
65 100
92 72.5 53.9 80.9
138 121.9 78.8 118.2#



#48
Acenaphthylene
Concen: 39.37 ng
RT: 12.37 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion: 152 Resp: 1160722
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 12.6 10.8 16.2





#49

Dimethylphthalate

Concen: 38.71 ng

RT: 12.24 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampled :

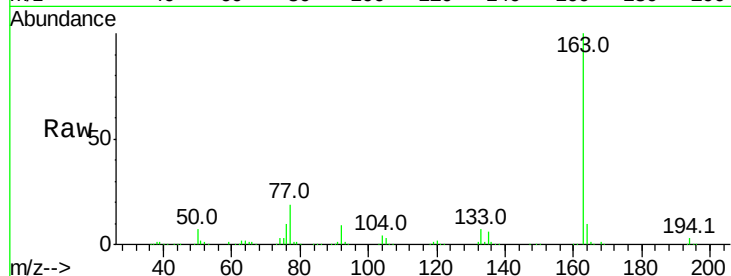
Tot Ion:163 Resp: 879881

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

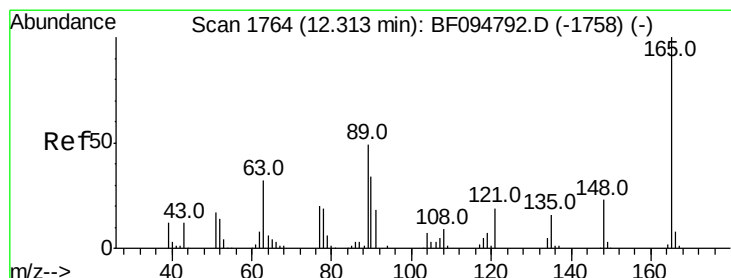
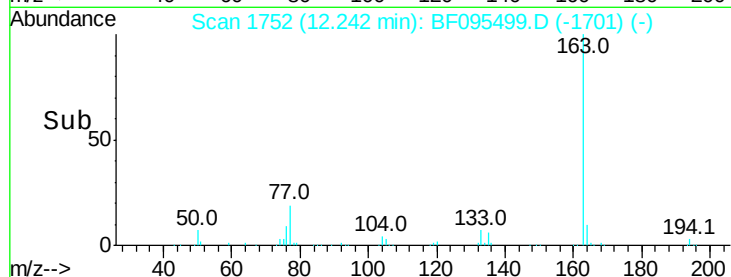
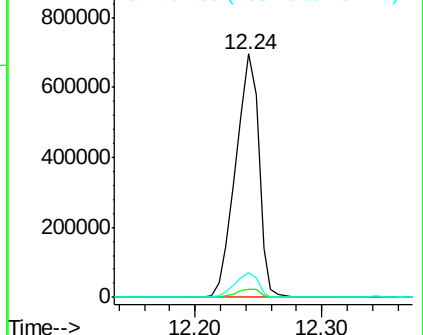
164 10.3 8.4 12.6



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: 40.18 ng

RT: 12.34 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

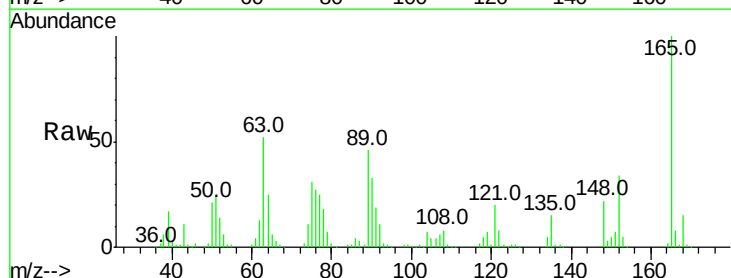
Tgt Ion:165 Resp: 186345

Ion Ratio Lower Upper

165 100

63 52.2 34.3 51.5#

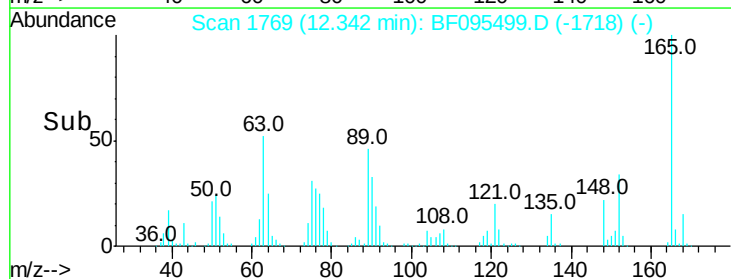
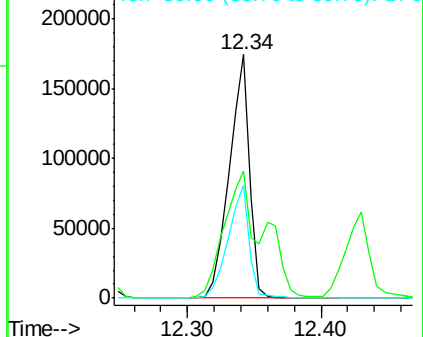
89 46.5 37.1 55.7

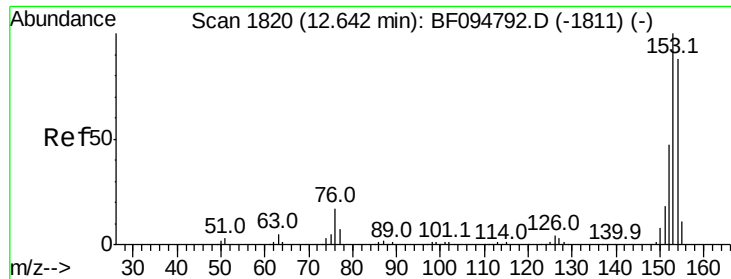


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

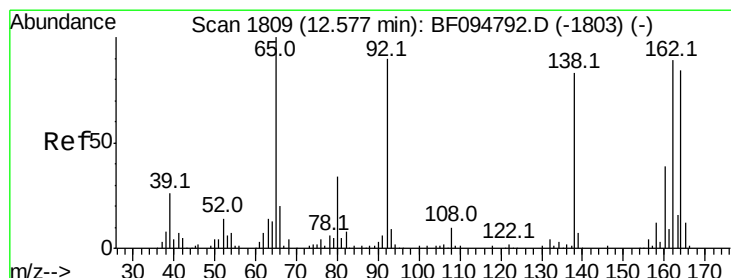
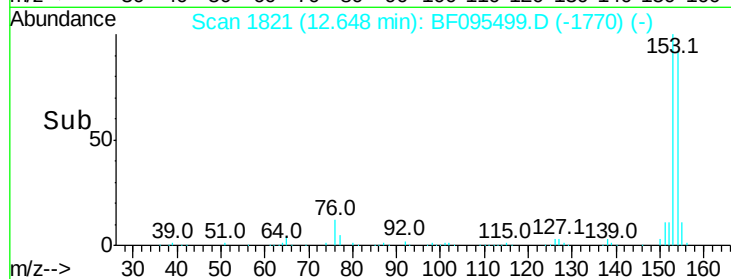
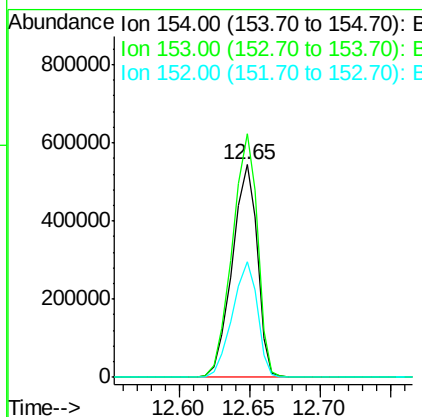
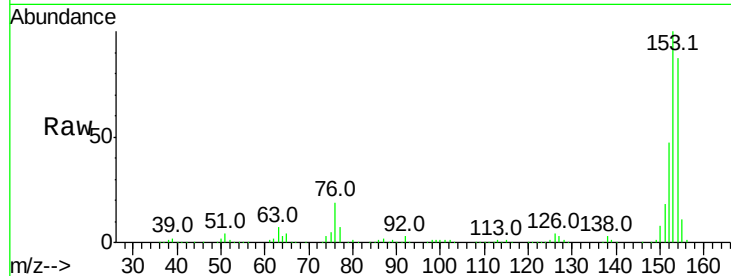




#51
Acenaphthene
Concen: 38.35 ng
RT: 12.65 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

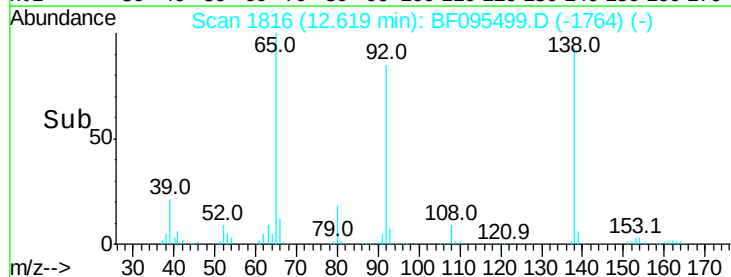
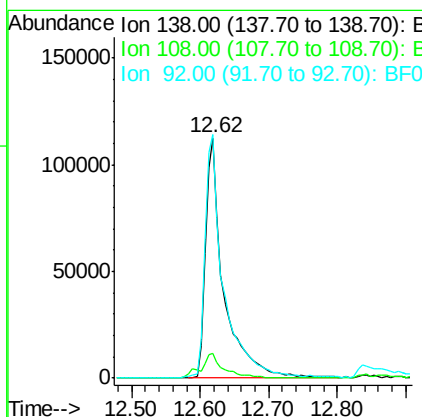
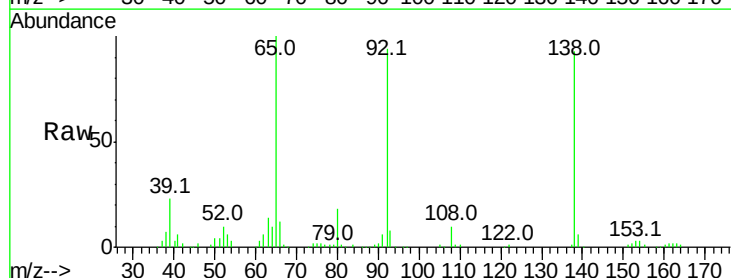
Instrument :
BNA_F
ClientSampleId :

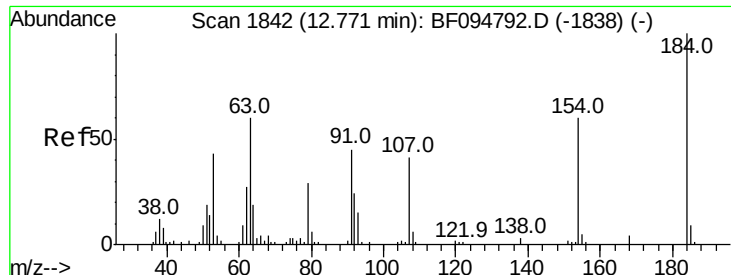
Tot Ion:154 Resp: 675296
Ion Ratio Lower Upper
154 100
153 114.6 90.5 135.7
152 54.4 43.6 65.4



#52
3-Nitroaniline
Concen: 42.40 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion:138 Resp: 211047
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 101.5 93.8 140.6

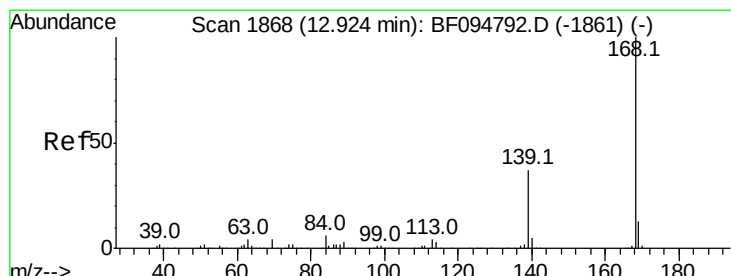
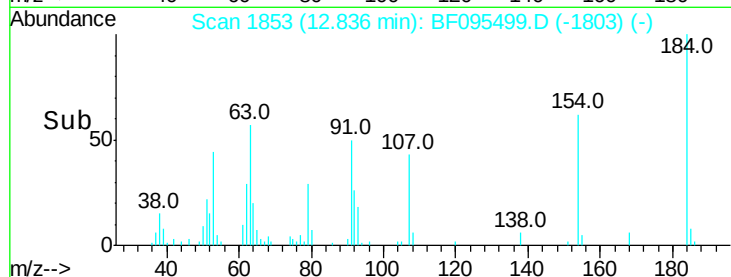
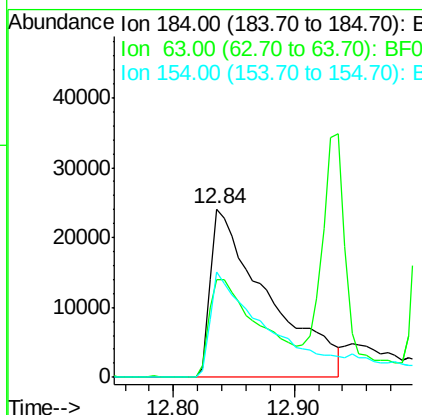
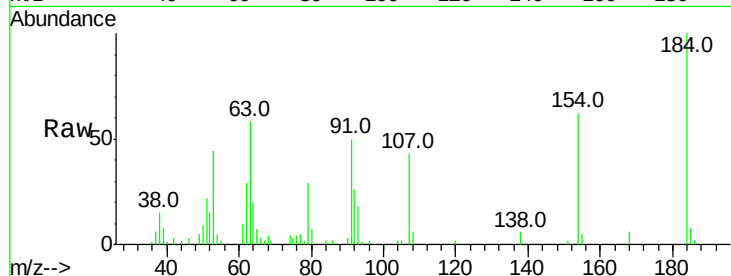




#53
 2,4-Dinitrophenol
 Concen: 34.91 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

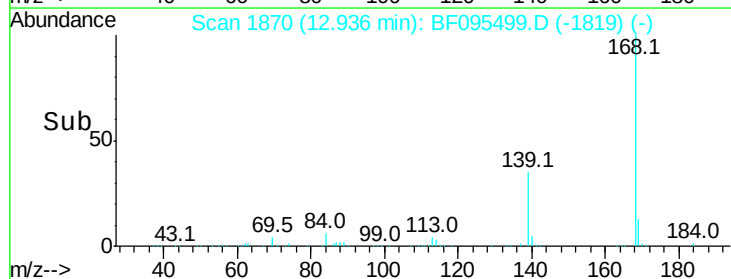
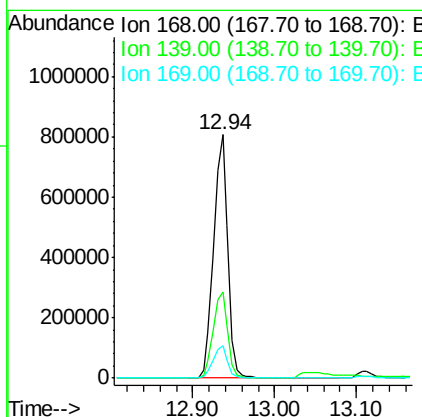
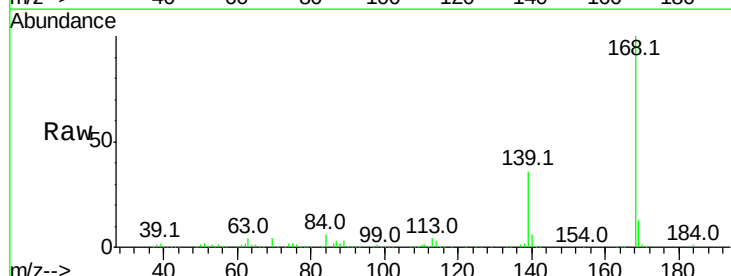
Instrument :
 BNA_F
 ClientSampled :

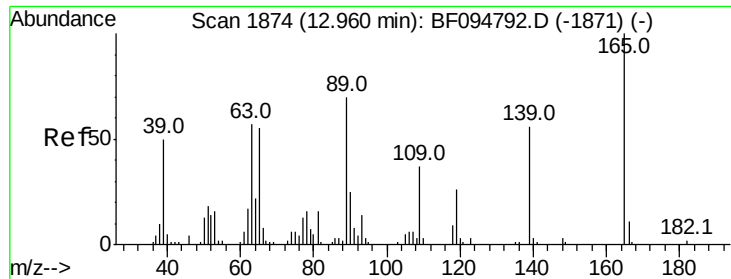
Tot Ion:184 Resp: 79417
 Ion Ratio Lower Upper
 184 100
 63 58.1 62.7 94.1#
 154 62.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.02 ng
 RT: 12.94 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:168 Resp: 975269
 Ion Ratio Lower Upper
 168 100
 139 35.6 30.6 45.8
 169 13.2 10.8 16.2

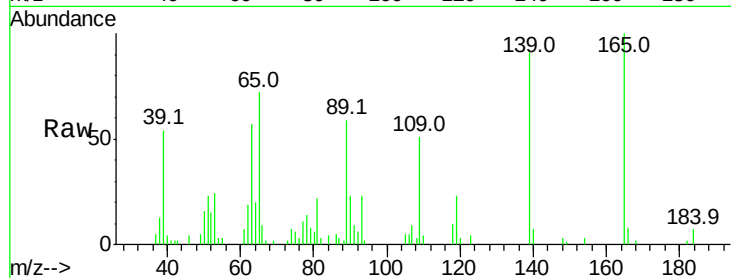




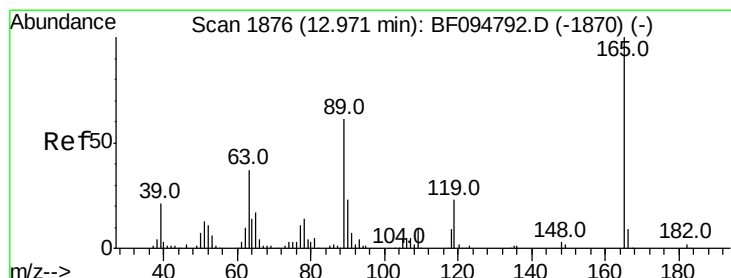
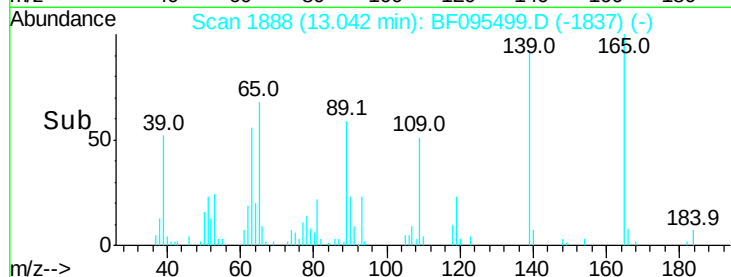
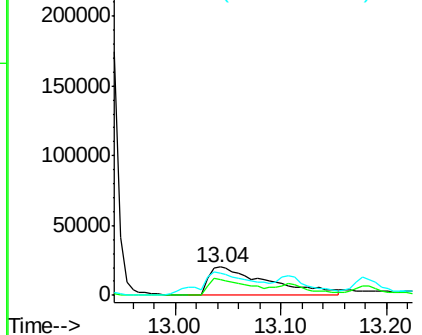
#55
4-Nitrophenol
Concen: 26.77 ng
RT: 13.04 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 80038
Ion Ratio Lower Upper
139 100
109 56.0 34.1 74.1
65 79.7 31.4 71.4#



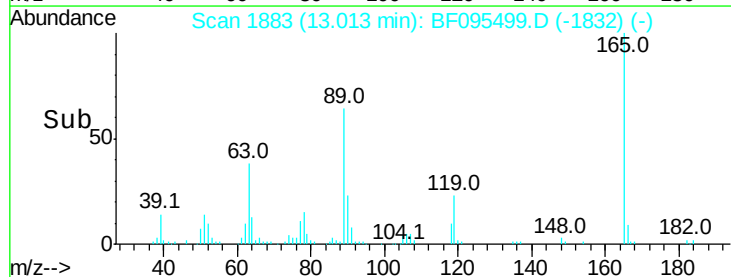
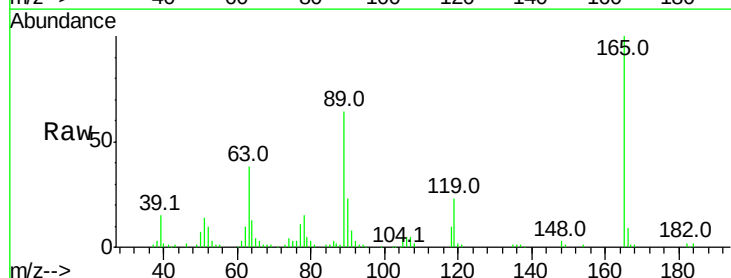
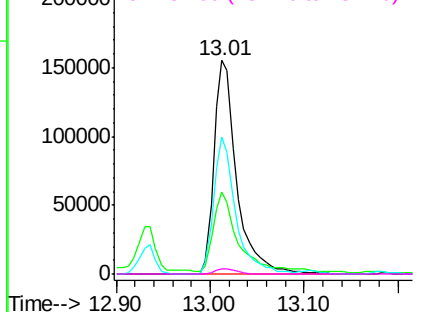
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

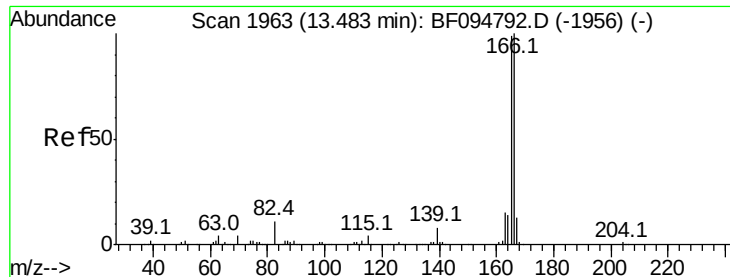


#56
2,4-Dinitrotoluene
Concen: 44.02 ng
RT: 13.01 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion:165 Resp: 262294
Ion Ratio Lower Upper
165 100
63 38.3 25.4 38.0#
89 63.9 46.4 69.6
182 2.2 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.57 ng

RT: 13.49 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

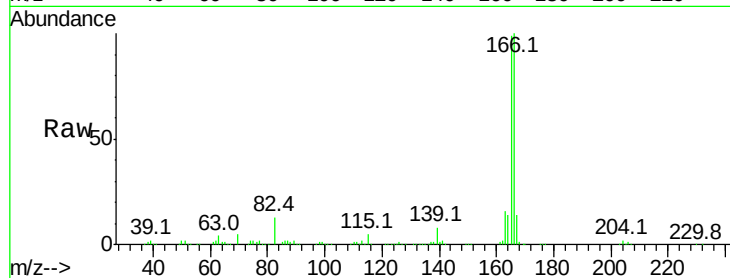
Tot Ion:166 Resp: 817238

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

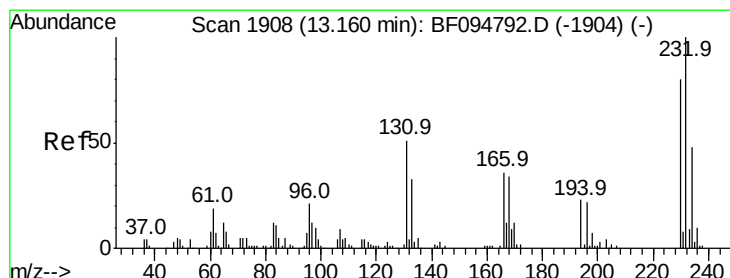
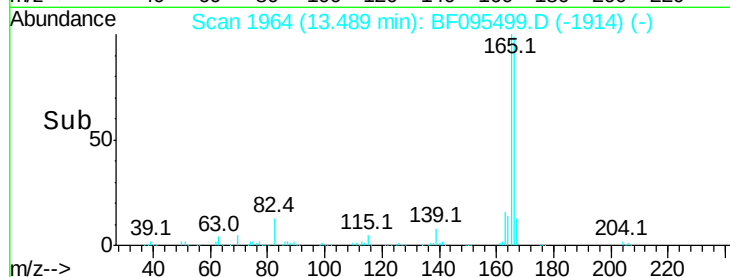
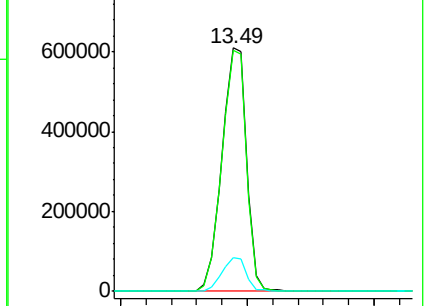
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.96 ng

RT: 13.18 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:232 Resp: 153683

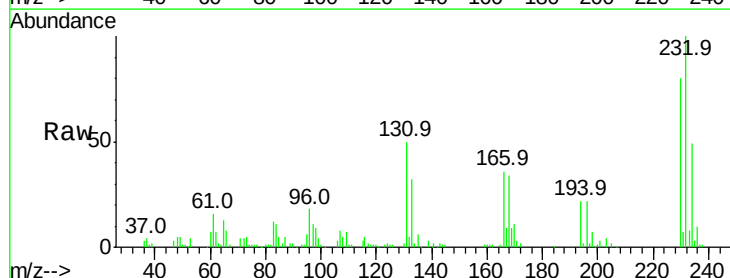
Ion Ratio Lower Upper

232 100

131 40.3 44.8 67.2#

130 2.3 2.3 3.5#

166 28.6 29.0 43.4#

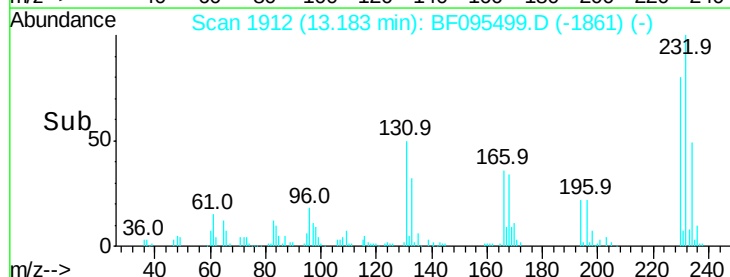
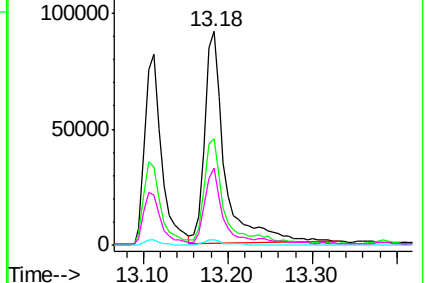


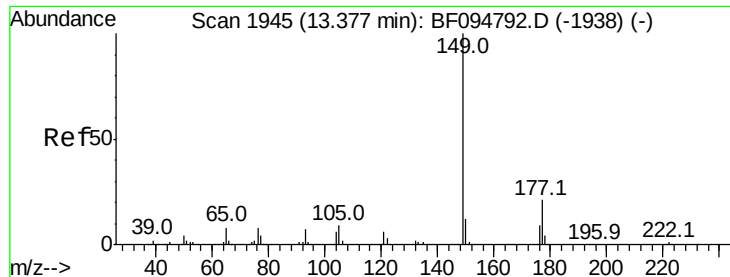
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

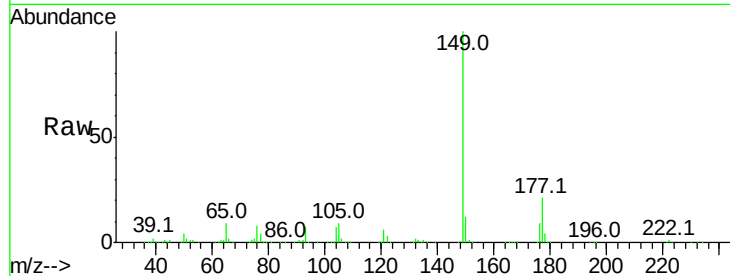




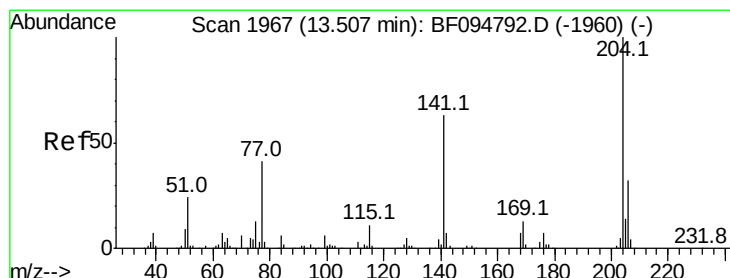
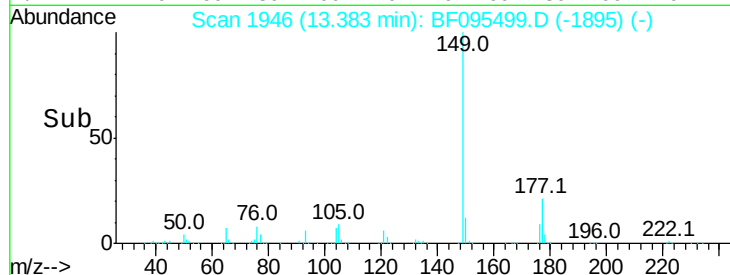
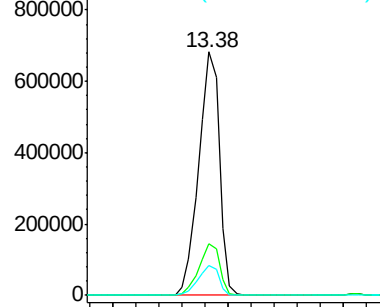
#59
Diethylphthalate
Concen: 39.15 ng
RT: 13.38 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.4	10.2	15.2

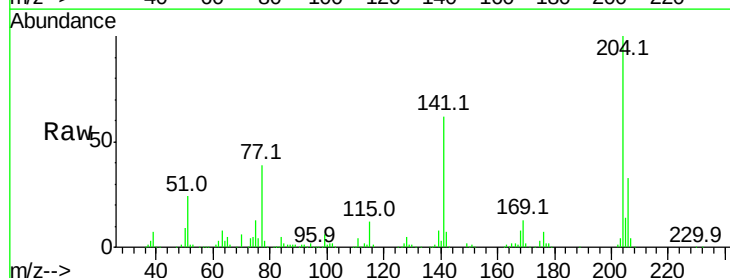


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

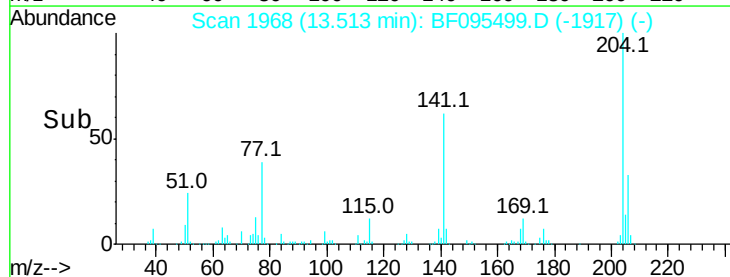
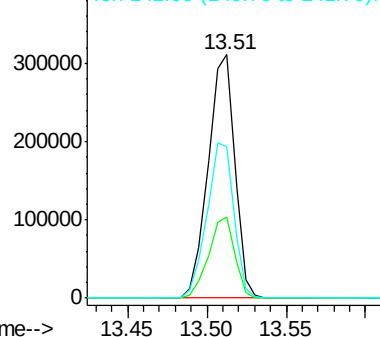


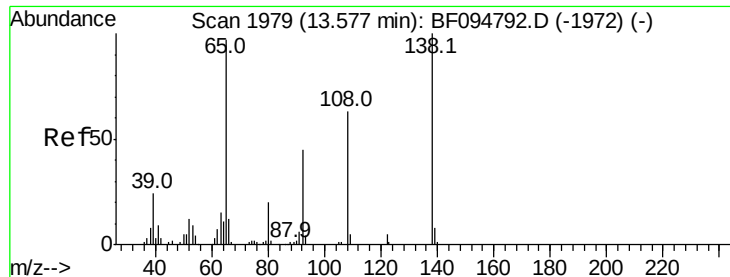
#60
4-Chlorophenyl-phenylether
Concen: 38.91 ng
RT: 13.51 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	62.2	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

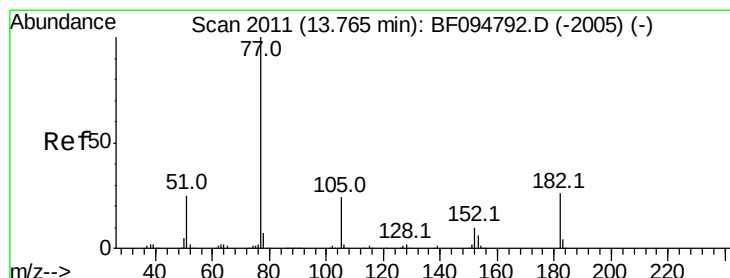
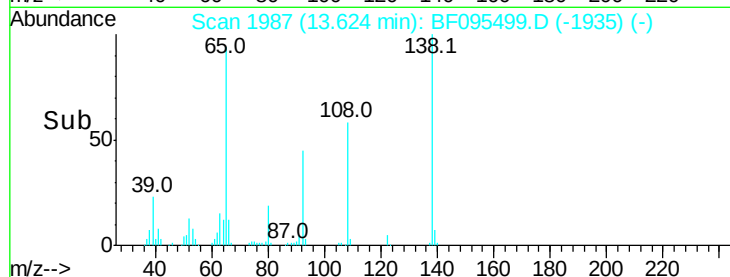
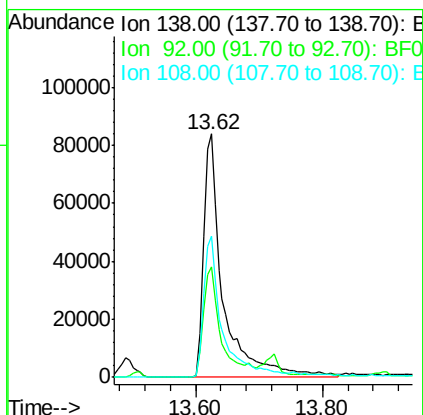
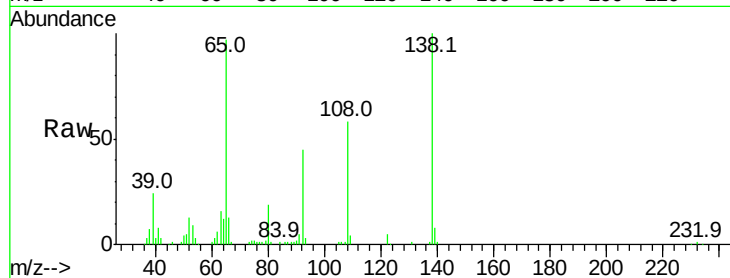




#61
4-Nitroaniline
Concen: 39.17 ng
RT: 13.62 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

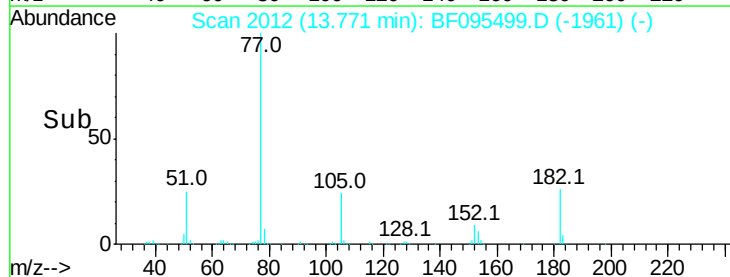
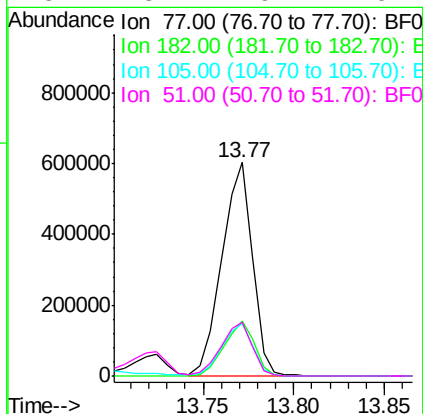
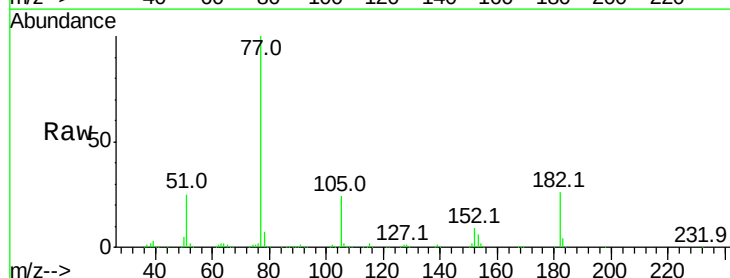
Instrument :
BNA_F
ClientSampled :

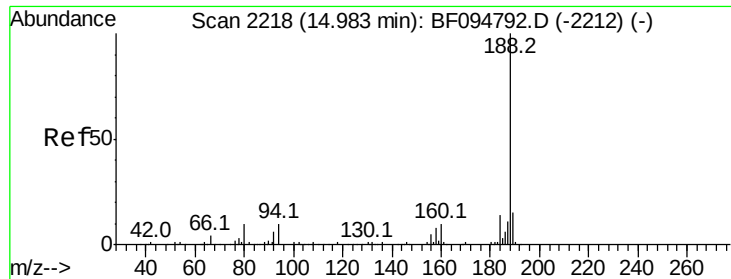
Tot Ion:138 Resp: 178976
Ion Ratio Lower Upper
138 100
92 45.4 21.8 61.8
108 58.0 42.3 82.3



#62
Azobenzene
Concen: 40.21 ng
RT: 13.77 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion: 77 Resp: 703931
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 24.3 3.6 43.6
51 25.2 9.4 49.4

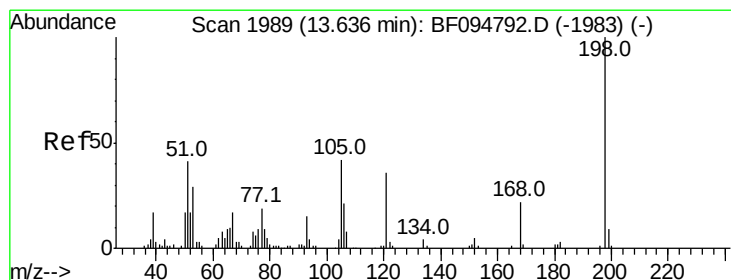
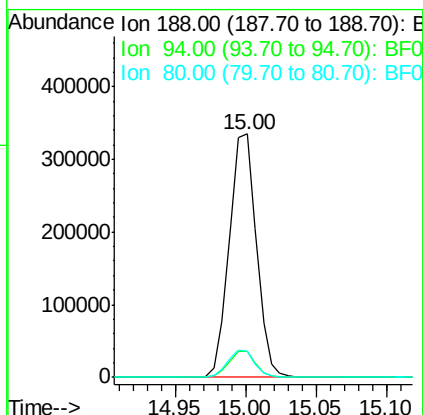
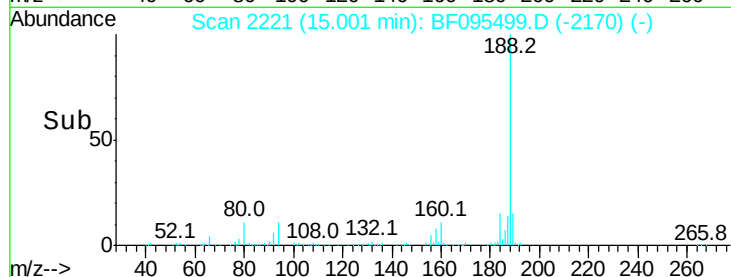
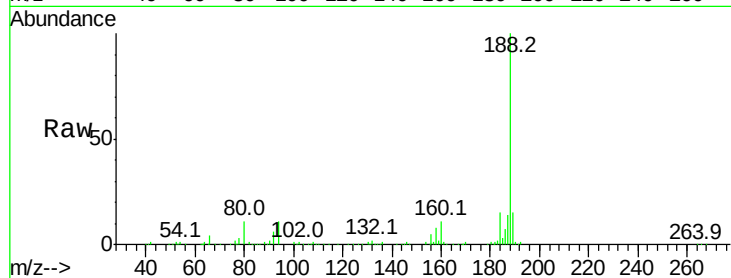




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.00 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

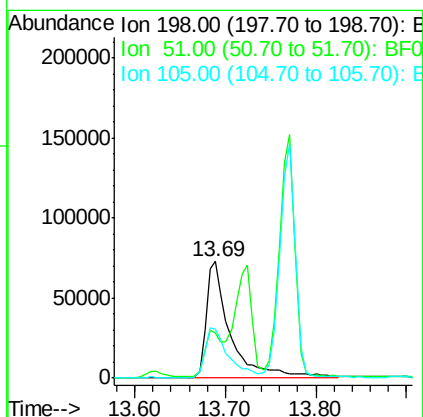
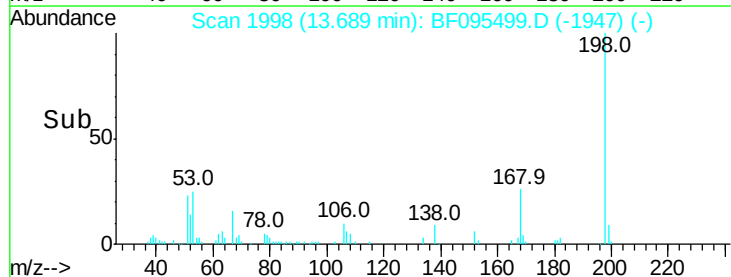
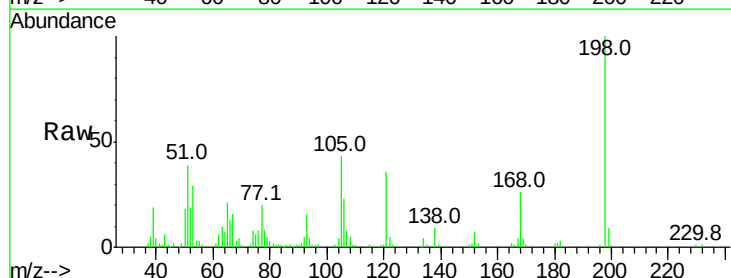
Instrument :
BNA_F
ClientSampleId :

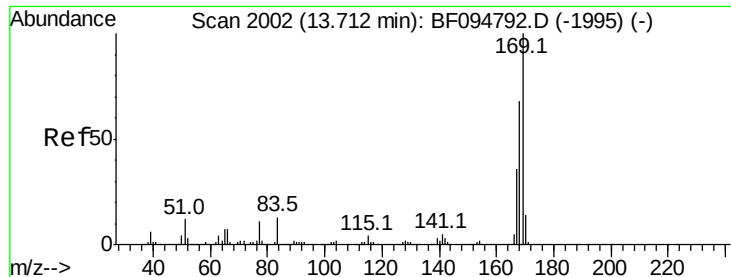
Tot Ion:188 Resp: 449409
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 45.37 ng
RT: 13.69 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion:198 Resp: 136690
Ion Ratio Lower Upper
198 100
51 38.9 53.2 93.2#
105 42.6 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 43.46 ng

RT: 13.72 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

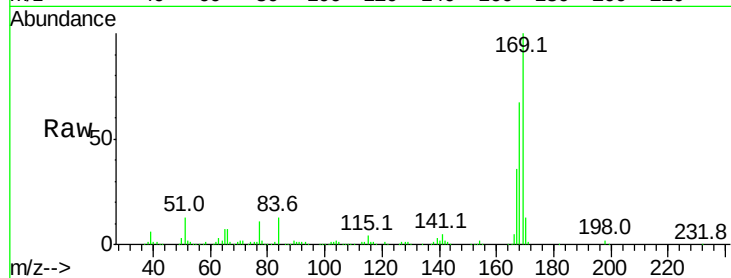
Tot Ion:169 Resp: 708858

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

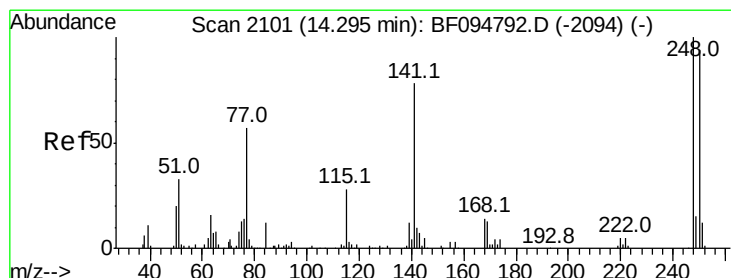
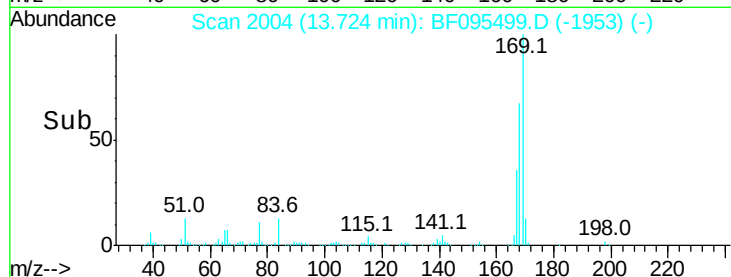
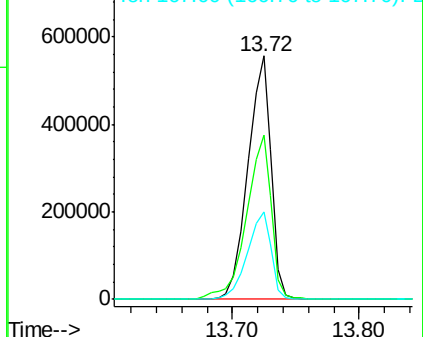
167 35.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.51 ng

RT: 14.29 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

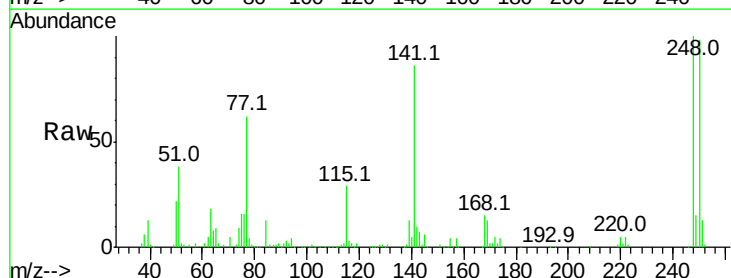
Tgt Ion:248 Resp: 211346

Ion Ratio Lower Upper

248 100

250 98.3 76.8 115.2

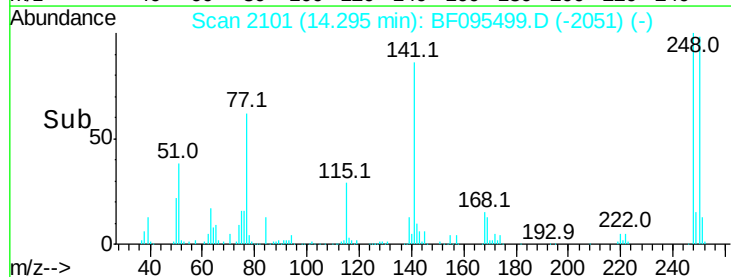
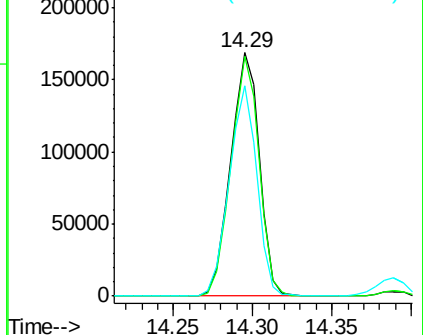
141 86.2 68.6 103.0

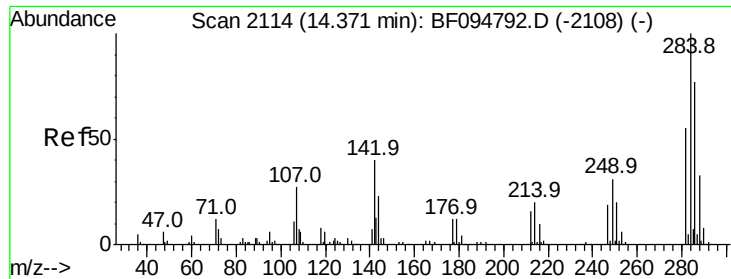


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.58 ng

RT: 14.39 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampled :

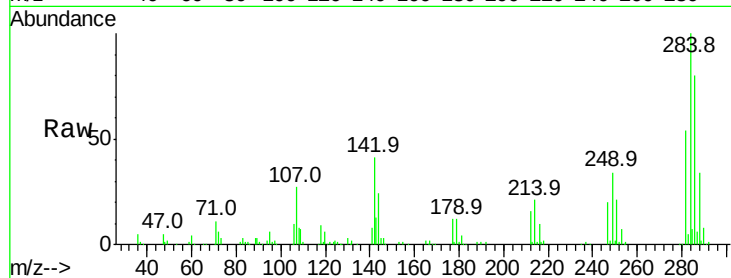
Tot Ion:284 Resp: 207172

Ion Ratio Lower Upper

284 100

142 41.1 22.8 34.2#

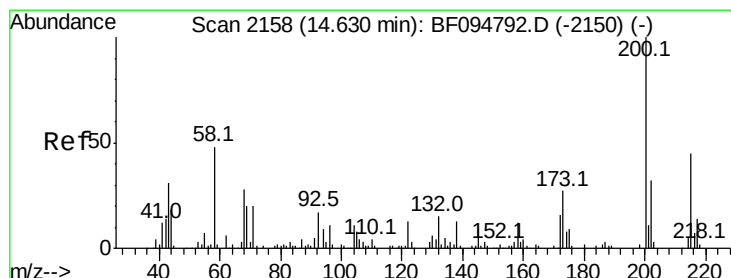
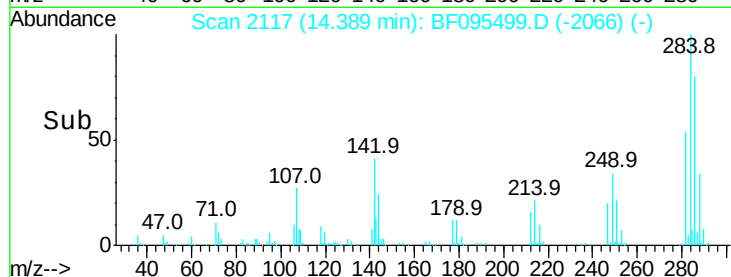
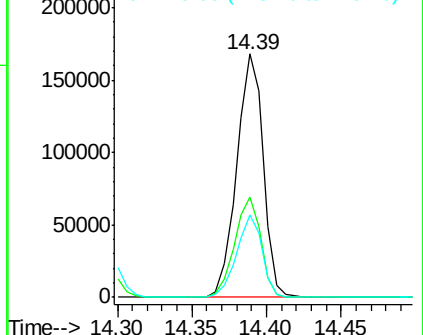
249 34.0 24.0 36.0



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: 35.84 ng

RT: 14.65 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

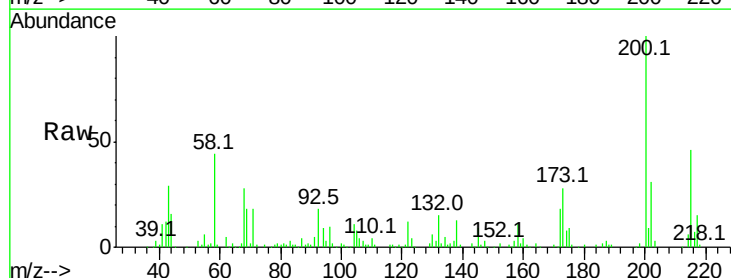
Tgt Ion:200 Resp: 165044

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

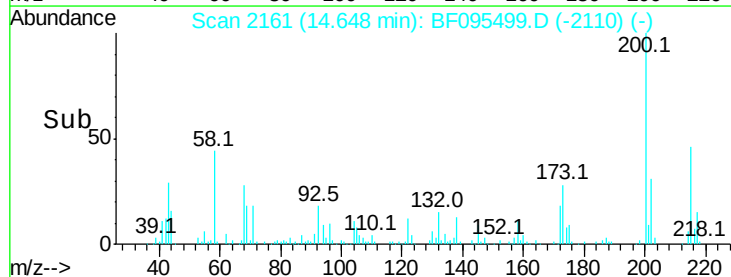
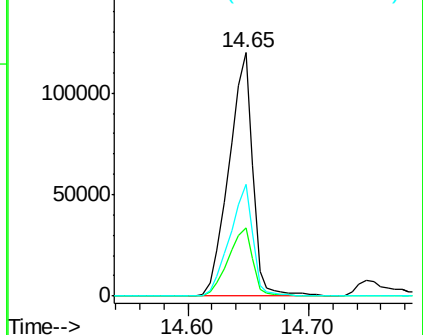
215 46.2 27.2 67.2

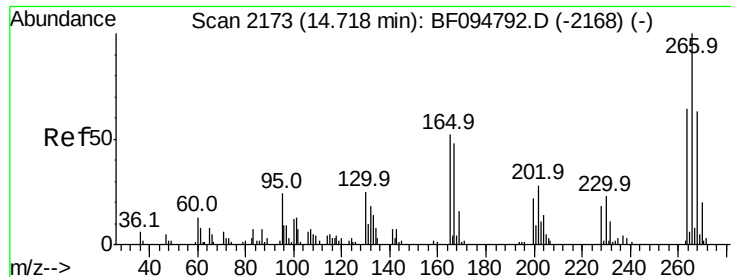


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

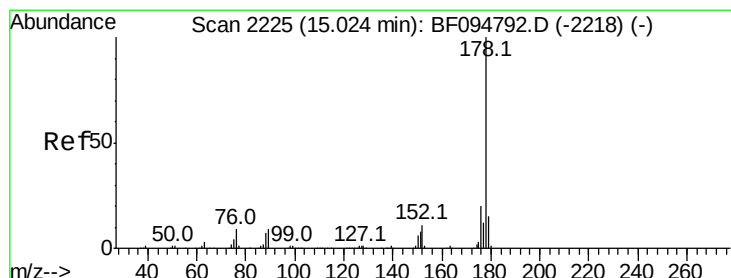
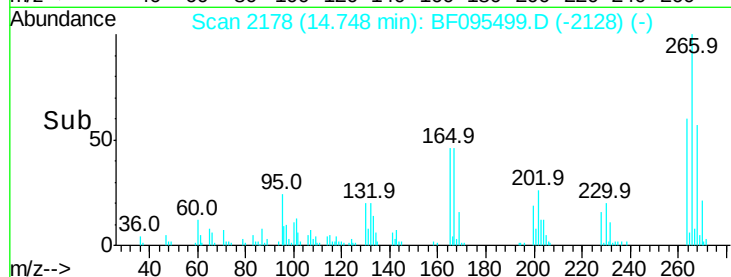
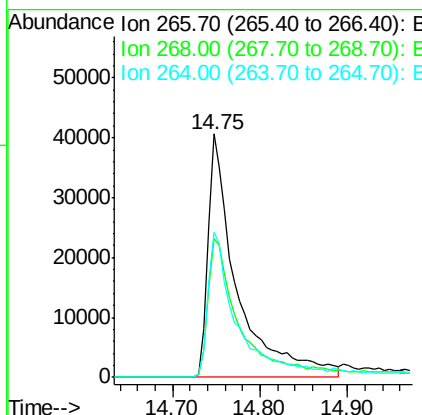
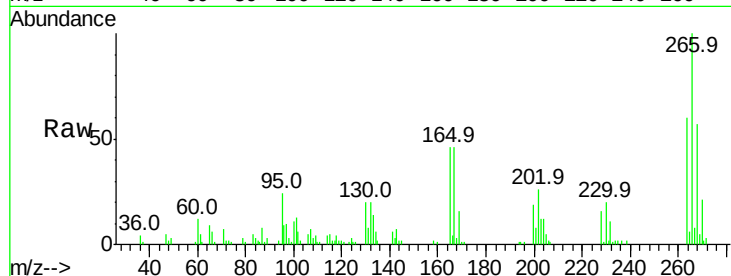




#69
 Pentachlorophenol
 Concen: 45.35 ng
 RT: 14.75 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

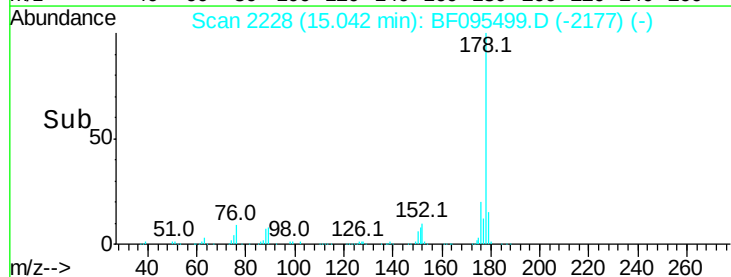
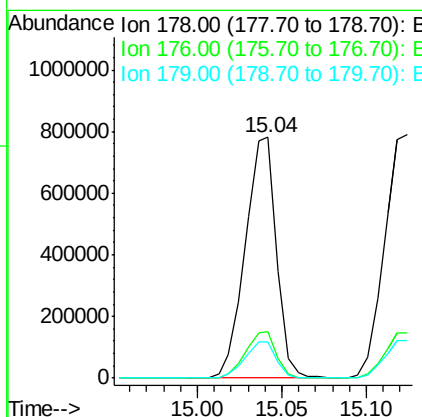
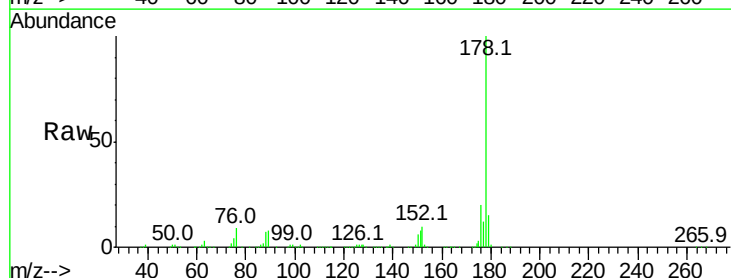
Instrument :
 BNA_F
 ClientSampleId :

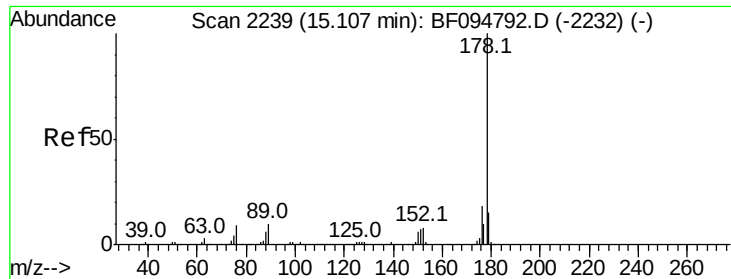
Tot Ion:266 Resp: 93744
 Ion Ratio Lower Upper
 266 100
 268 56.8 51.1 76.7
 264 59.8 51.7 77.5



#70
 Phenanthrene
 Concen: 38.99 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:178 Resp: 1006814
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.0 12.6 19.0

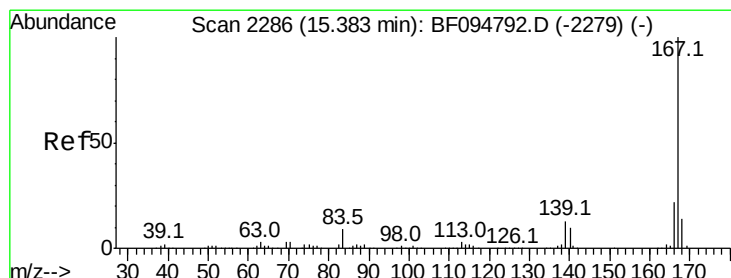
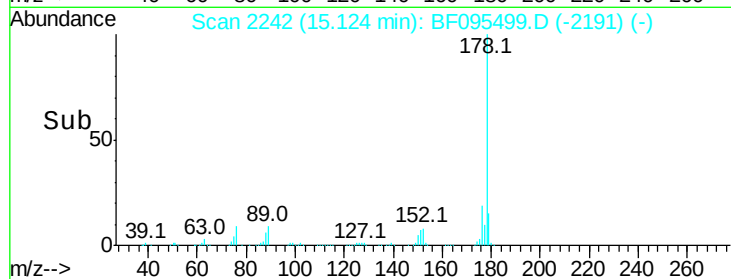
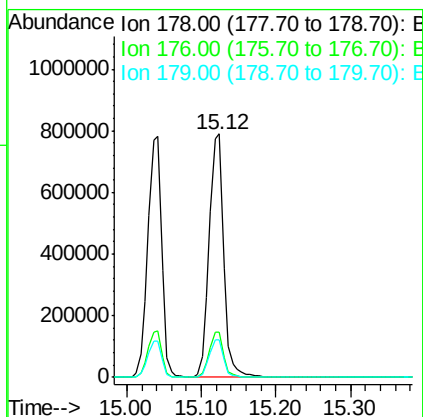
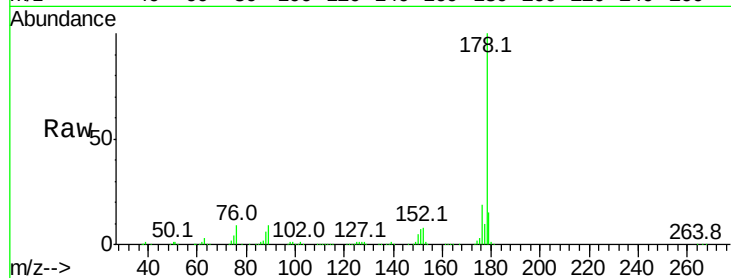




#71
 Anthracene
 Concen: 40.31 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

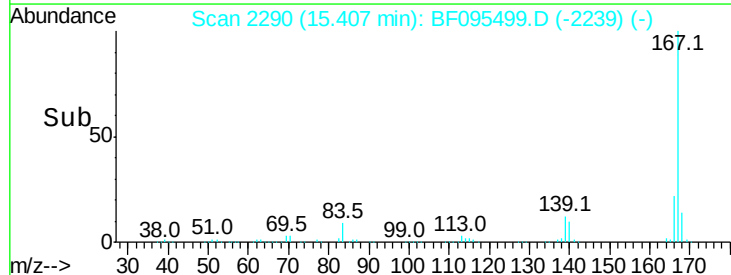
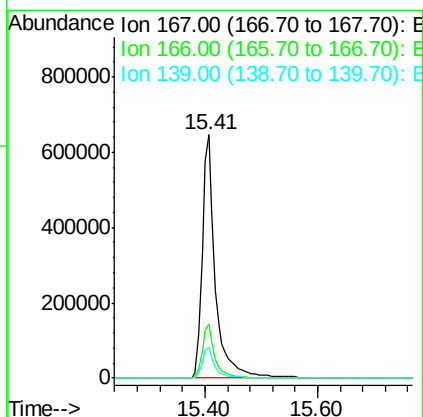
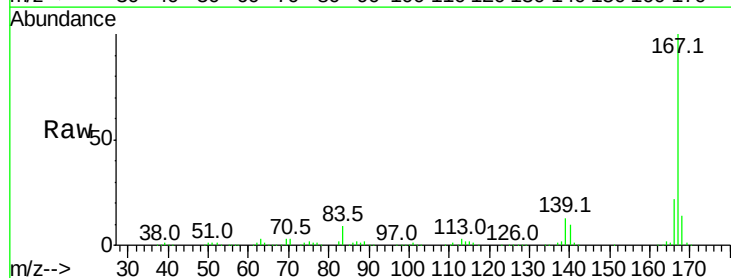
Instrument :
 BNA_F
 ClientSampleId :

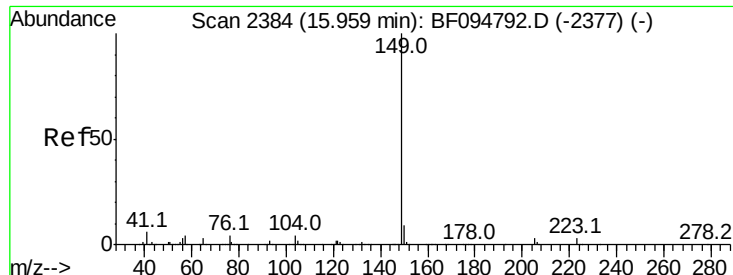
Tot Ion:178 Resp: 1063335
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 43.84 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:167 Resp: 1052015
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.8 11.7 17.5

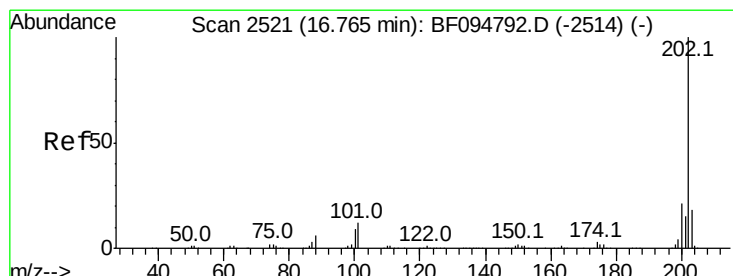
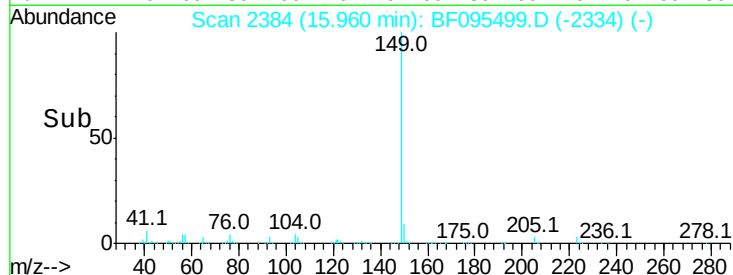
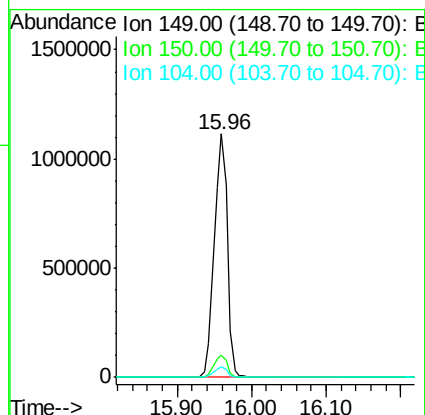
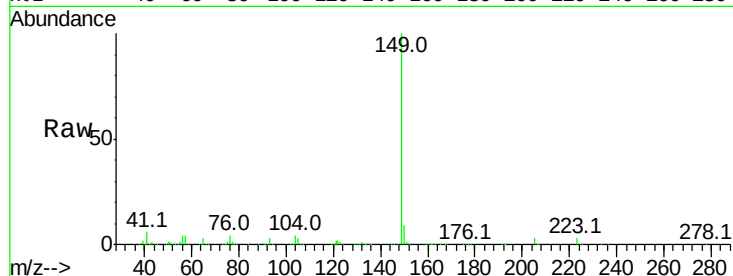




#73
Di-n-butylphthalate
Concen: 44.64 ng
RT: 15.96 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

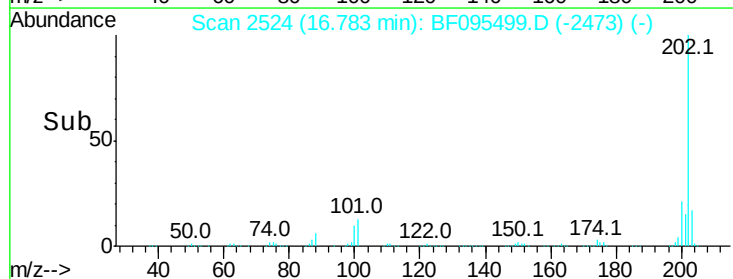
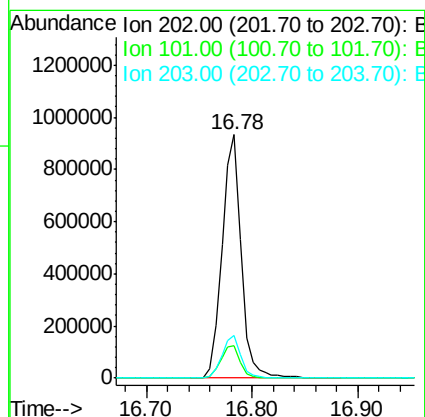
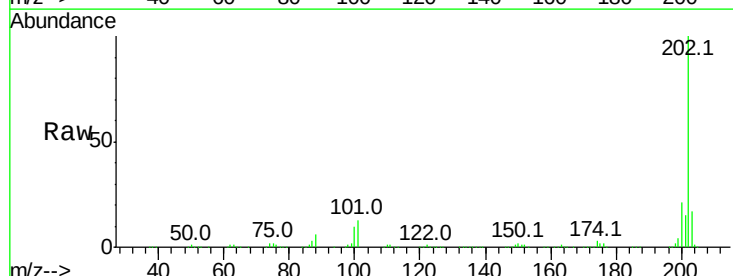
Instrument :
BNA_F
ClientSampleId :

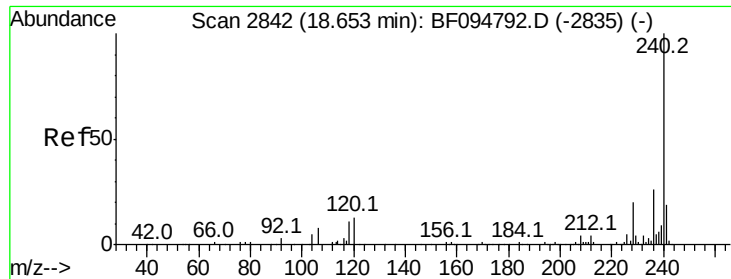
Tot Ion:149 Resp: 1335968
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 44.78 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion:202 Resp: 1186107
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.5 0.0 38.1

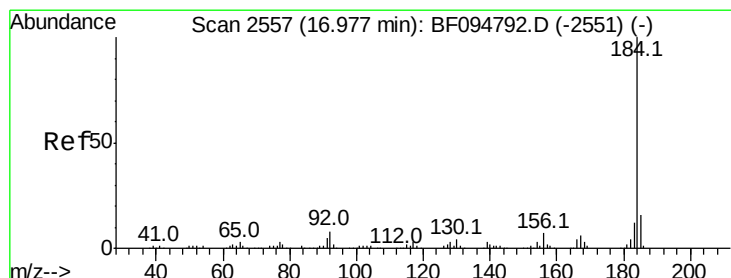
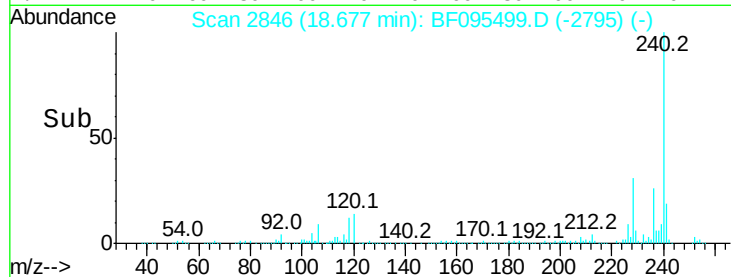
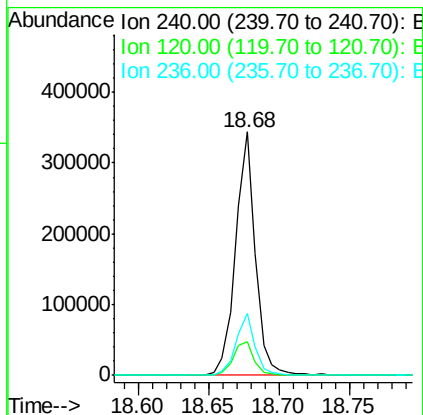
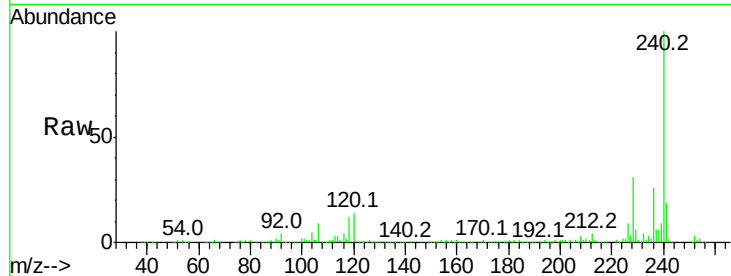




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

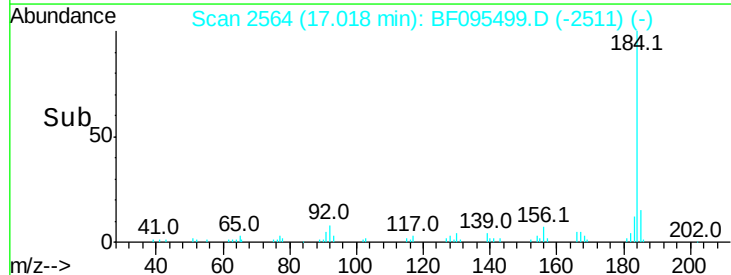
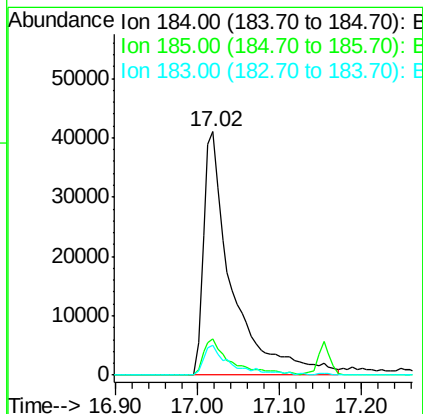
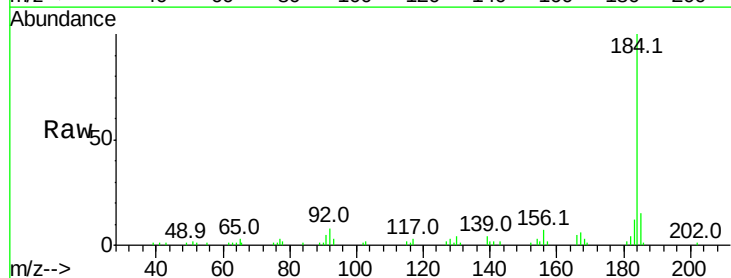
Instrument :
 BNA_F
 ClientSampleId :

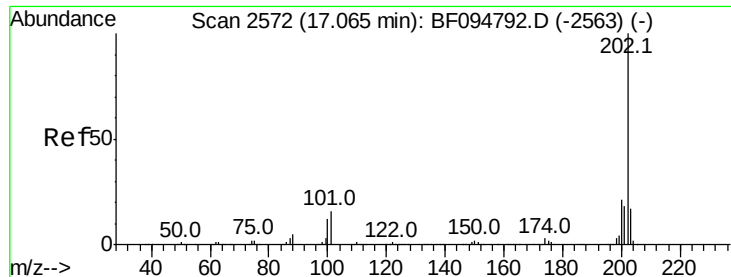
Tot Ion:240 Resp: 335389
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 25.5 20.5 30.7



#76
 Benzidine
 Concen: 15.98 ng
 RT: 17.02 min Scan# 2564
 Delta R.T. 0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion:184 Resp: 98700
 Ion Ratio Lower Upper
 184 100
 185 14.8 15.5 23.3#
 183 12.3 9.8 14.6





#77

Pvrene

Concen: 48.72 ng

RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

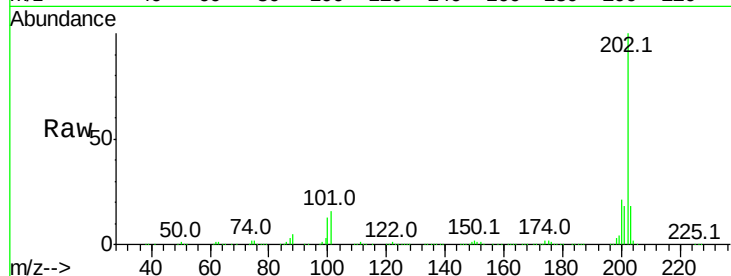
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1222060

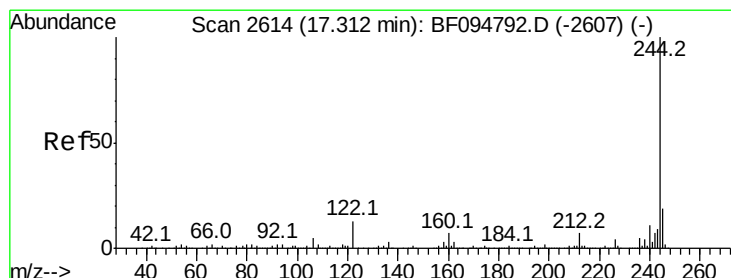
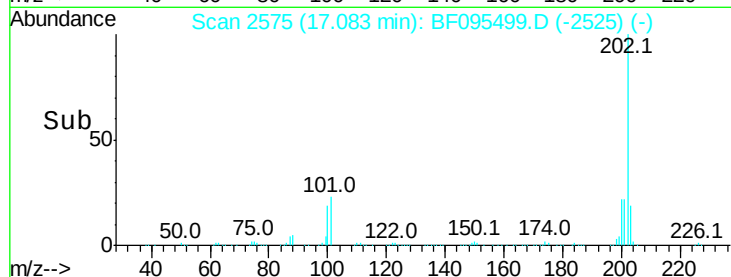
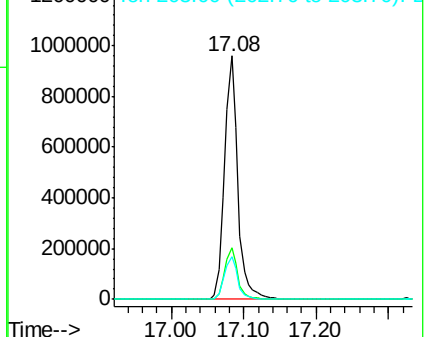
Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.7	14.4	21.6



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: 89.87 ng

RT: 17.32 min Scan# 2616

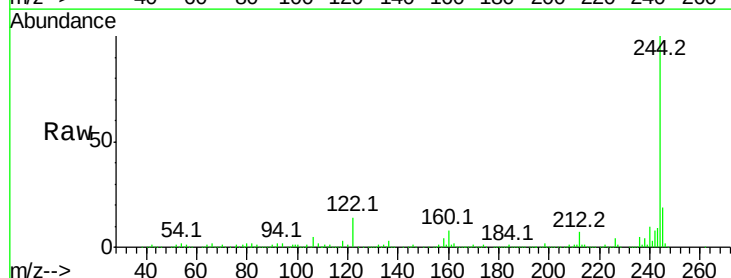
Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:244 Resp: 1368438

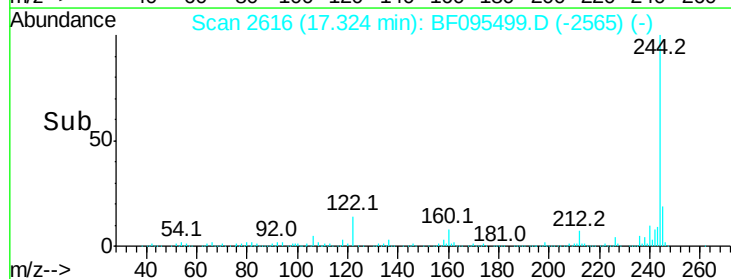
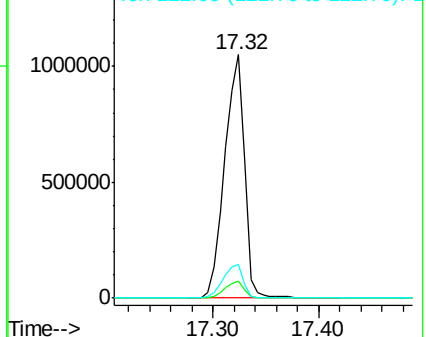
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5

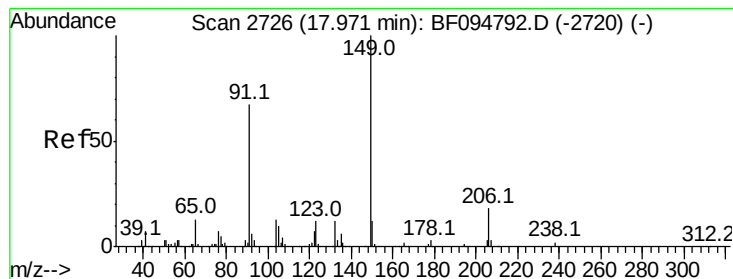


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.45 ng

RT: 17.98 min Scan# 2727

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampleId :

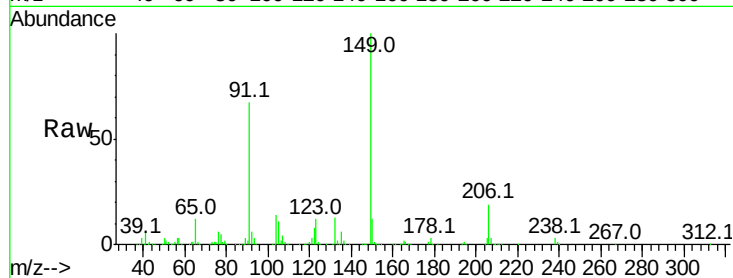
Tot Ion:149 Resp: 565244

Ion Ratio Lower Upper

149 100

91 66.6 45.0 67.4

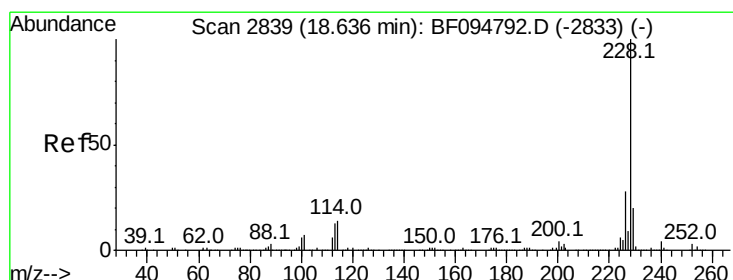
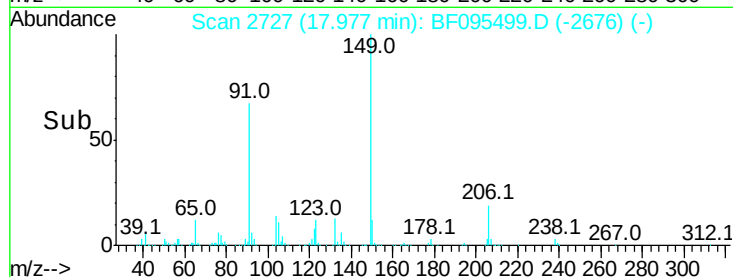
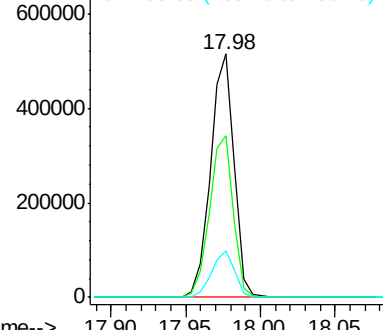
206 19.0 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.08 ng

RT: 18.67 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

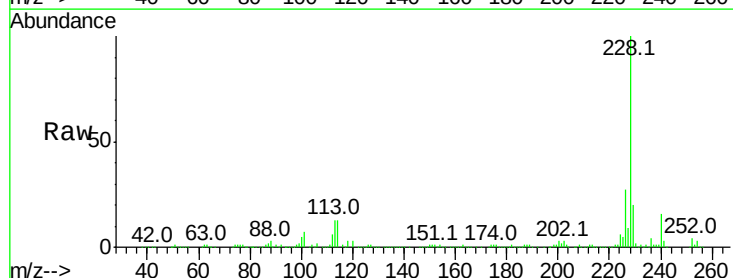
Tgt Ion:228 Resp: 762854

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

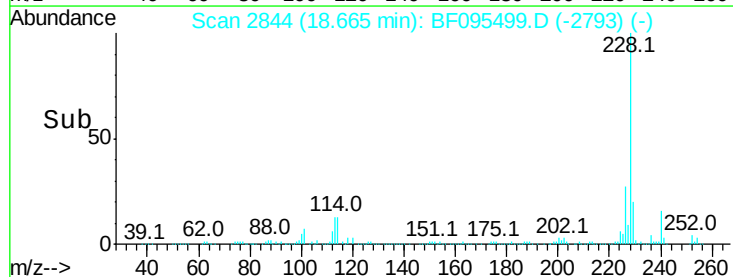
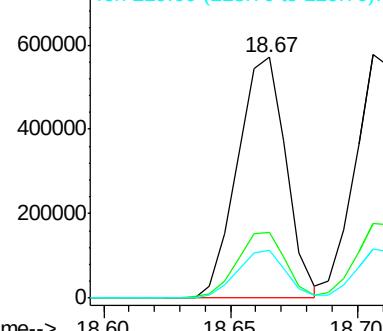
229 19.8 16.3 24.5

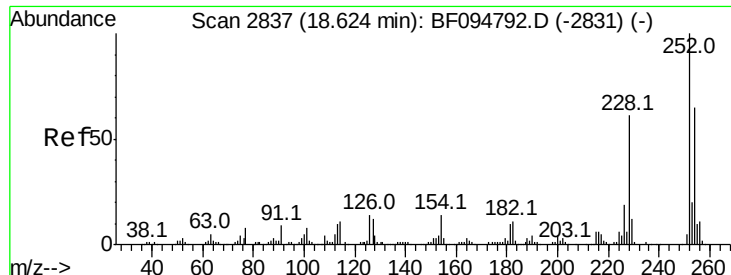


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 39.17 ng

RT: 18.64 min Scan# 2840

Delta R.T. 0.00 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :

BNA_F

ClientSampled :

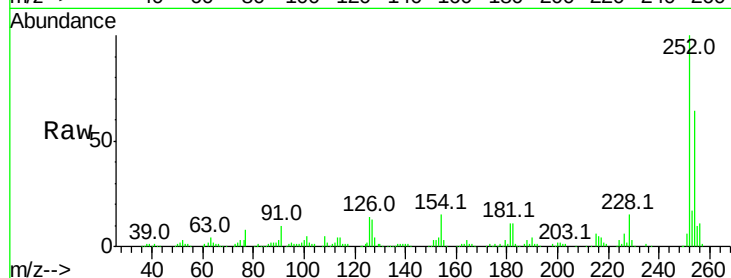
Tot Ion:252 Resp: 264054

Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

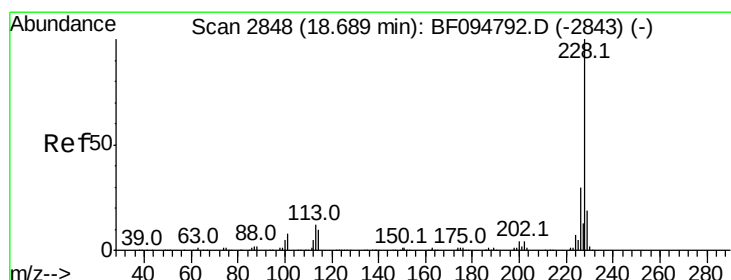
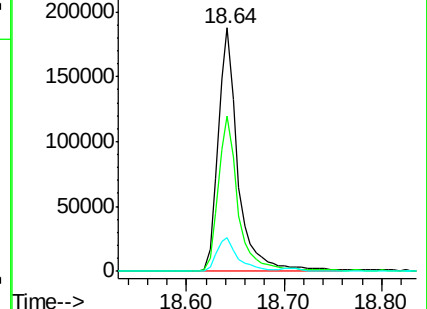
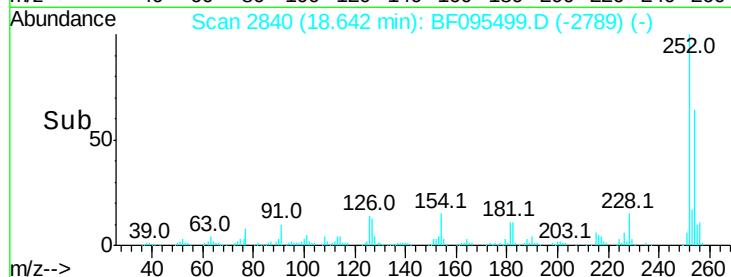
126 13.6 15.8 23.8#



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: 38.87 ng

RT: 18.71 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BF095499.D

Acq: 27 May 2017 13:33

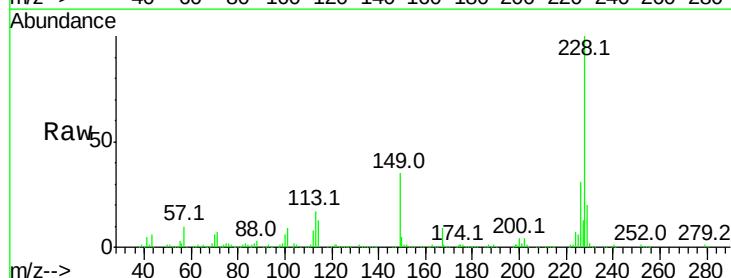
Tgt Ion:228 Resp: 733707

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

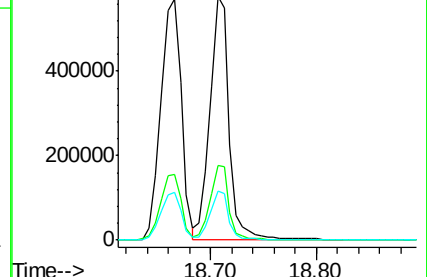
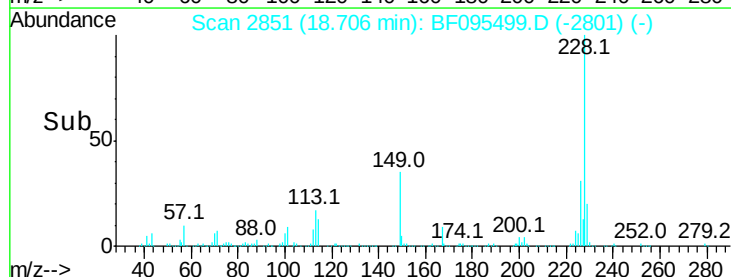
229 20.1 15.8 23.6

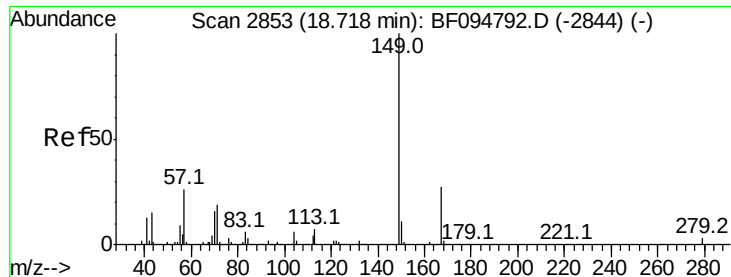


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

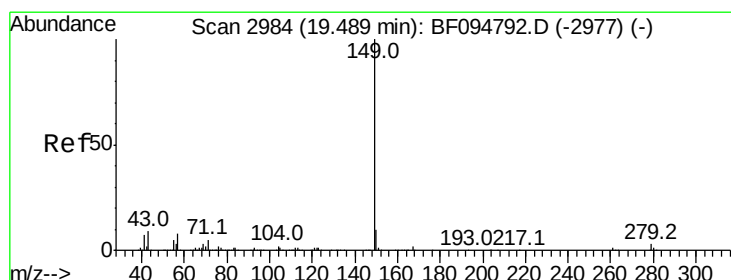
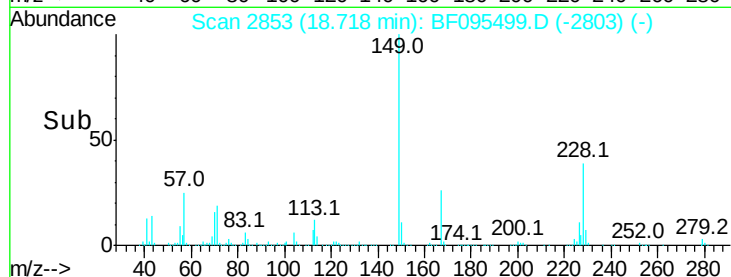
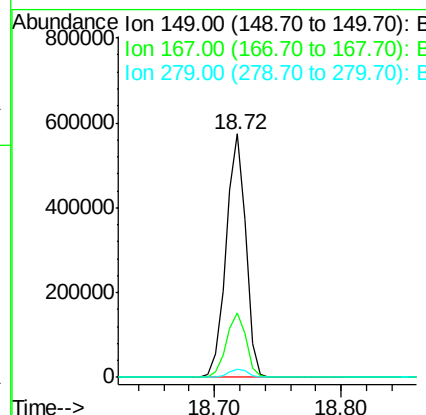
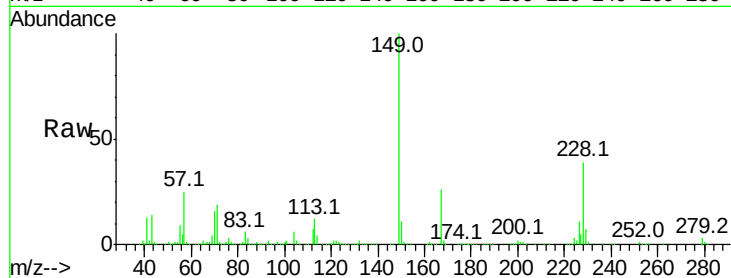




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.24 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

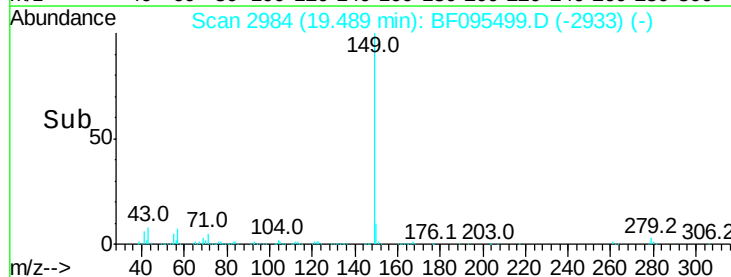
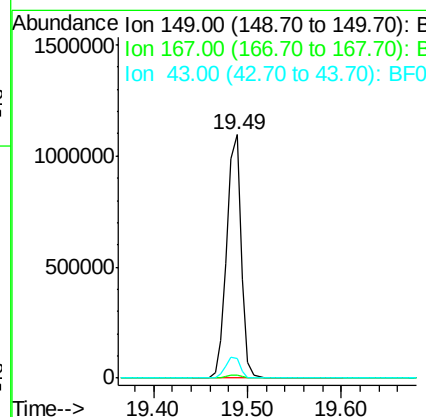
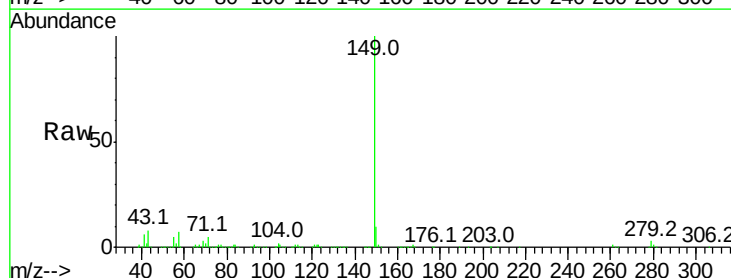
Instrument :
 BNA_F
 ClientSampleId :

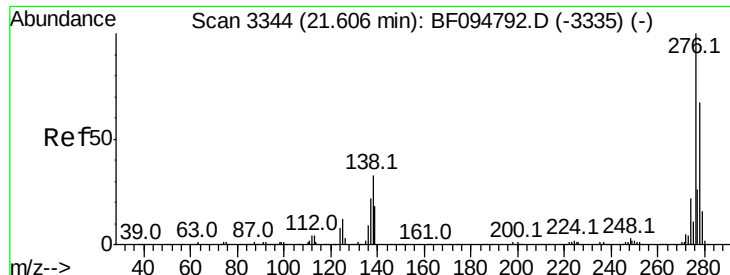
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	3.3	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.35 ng
 RT: 19.49 min Scan# 2984
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.5	12.7

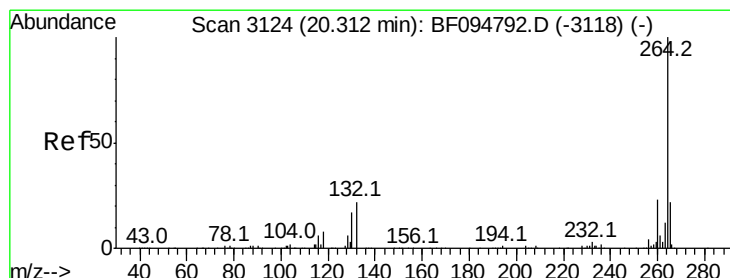
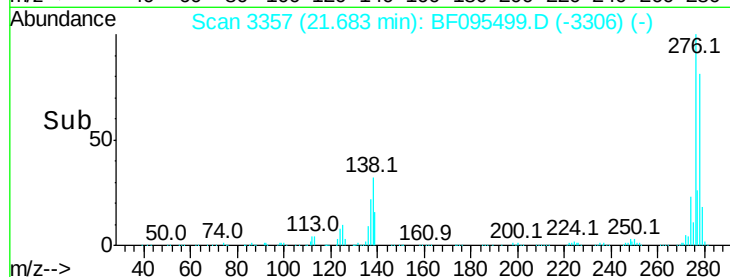
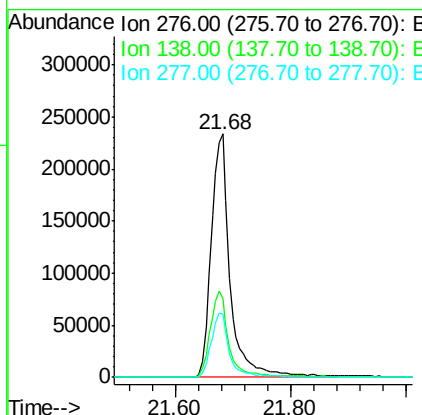
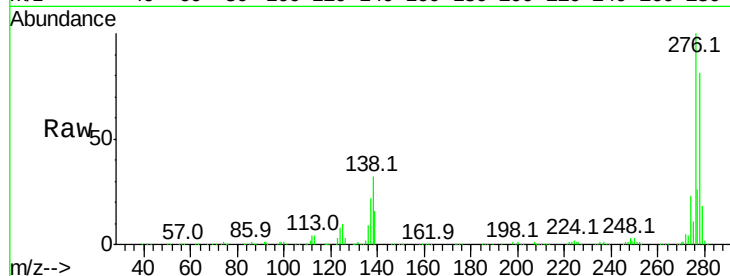




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.02 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. 0.00 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

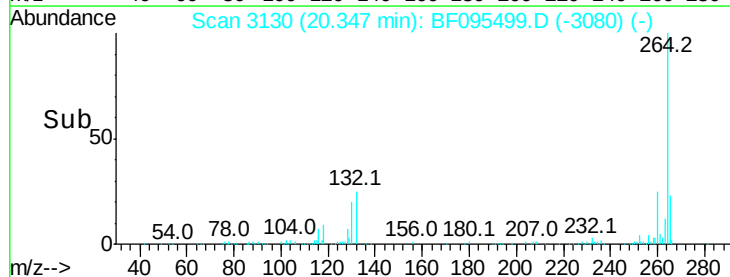
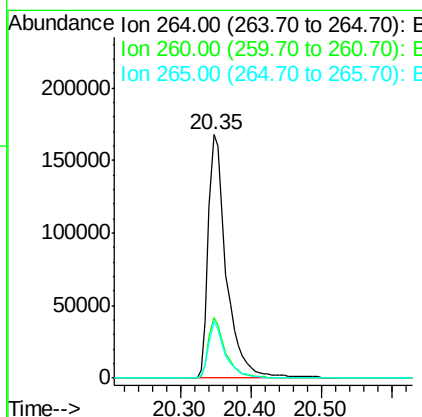
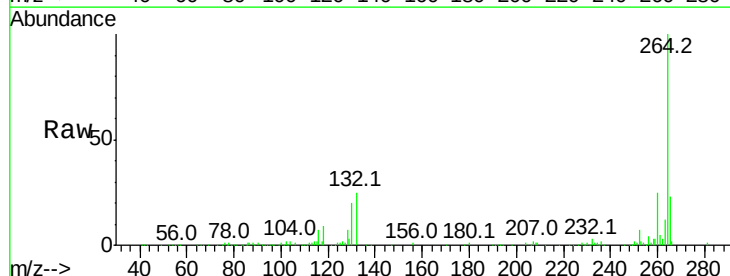
Instrument :
 BNA_F
 ClientSampleId :

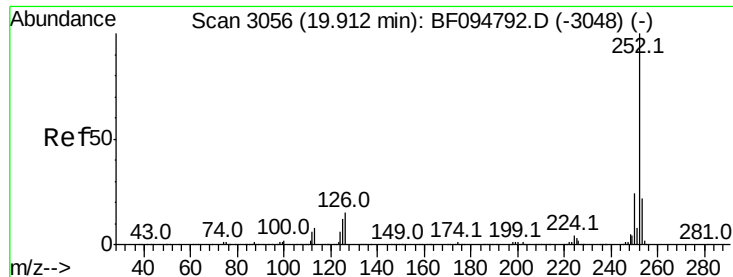
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	23.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.25 ng

RT: 19.94 min Scan# 3061

Delta R.T. 0.00 min

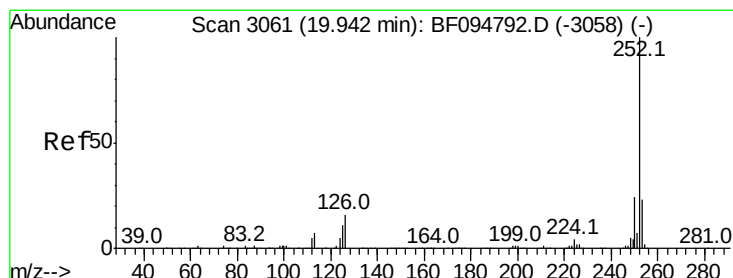
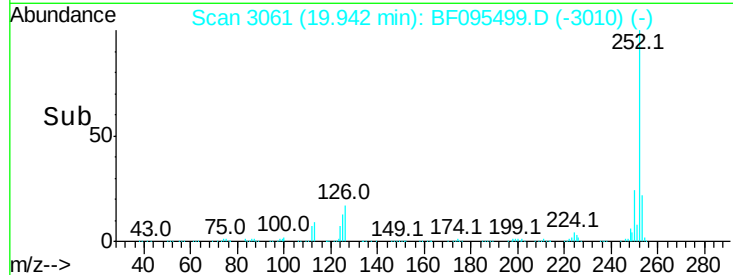
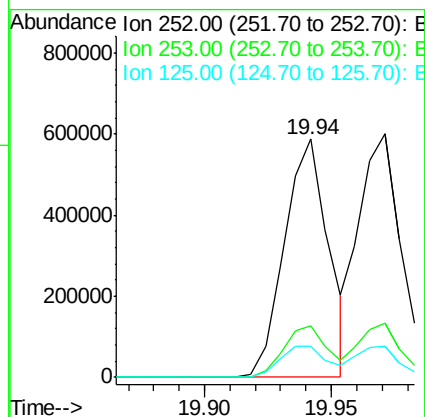
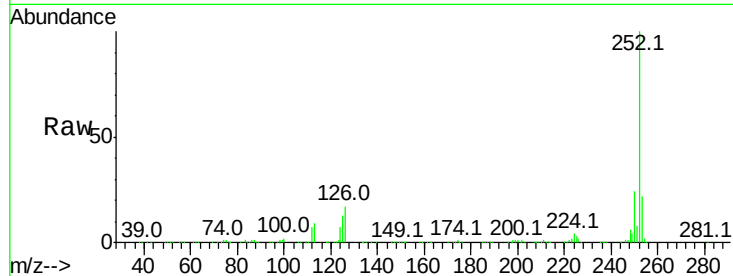
Lab File: BF095499.D

Acq: 27 May 2017 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 707795

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	13.1	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 42.71 ng

RT: 19.97 min Scan# 3066

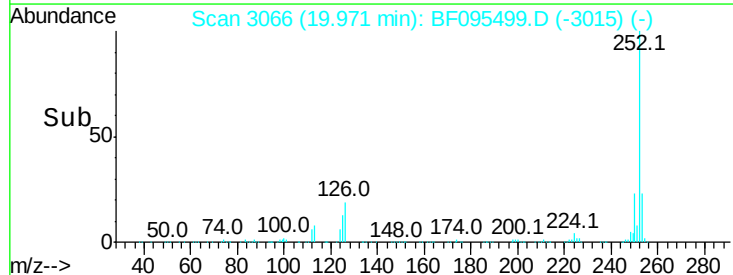
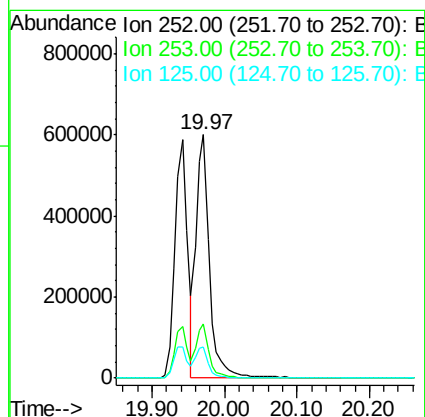
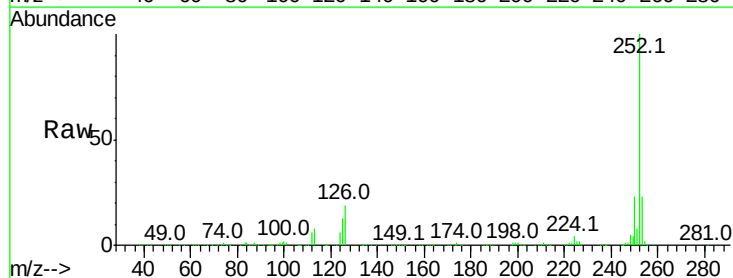
Delta R.T. 0.00 min

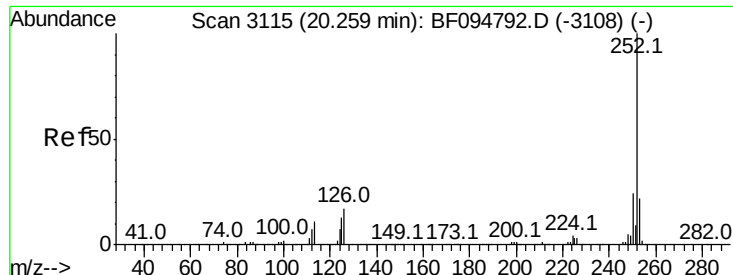
Lab File: BF095499.D

Acq: 27 May 2017 13:33

Tgt Ion:252 Resp: 762401

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	12.6	13.1	19.7#

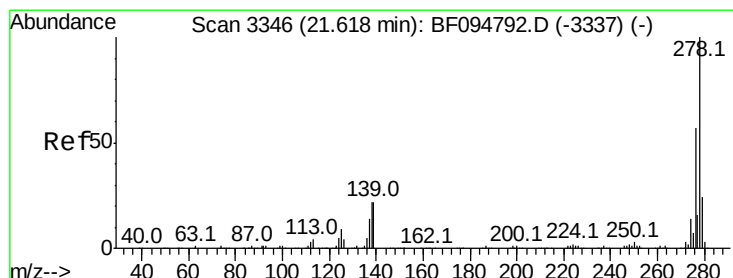
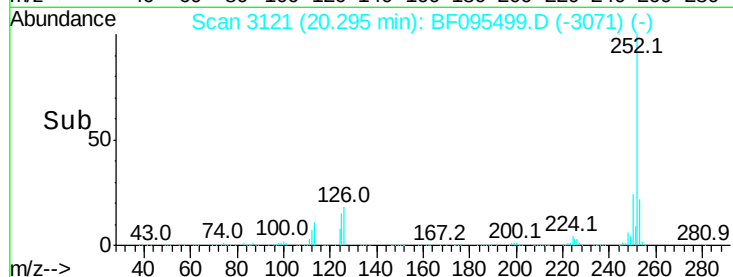
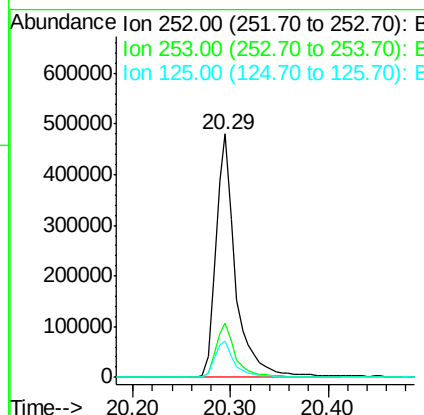
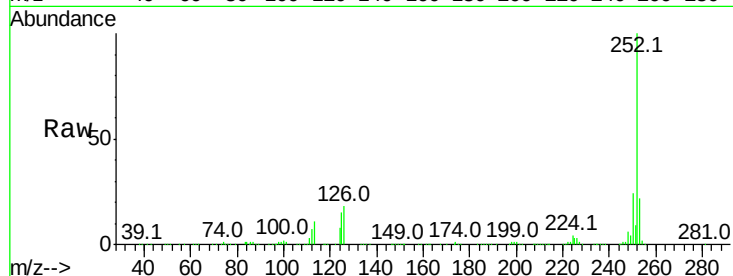




#89
Benzo(a)pyrene
Concen: 38.88 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

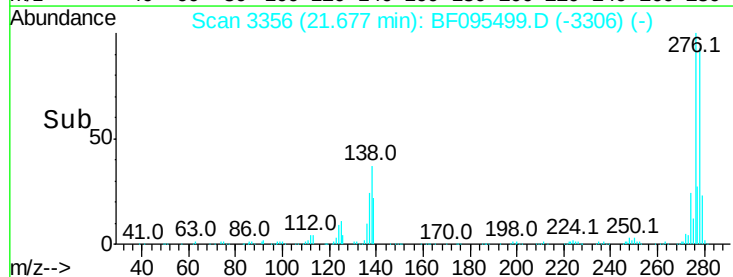
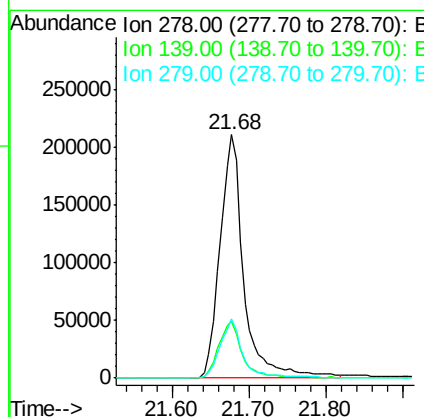
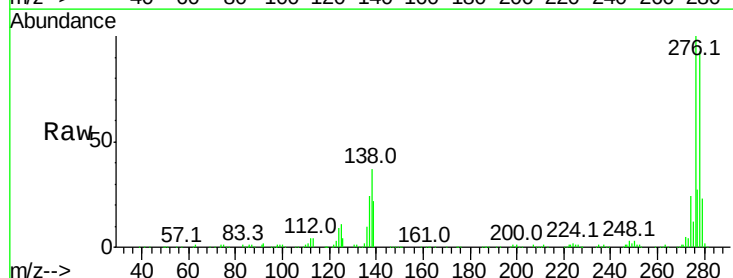
Instrument :
BNA_F
ClientSampleId :

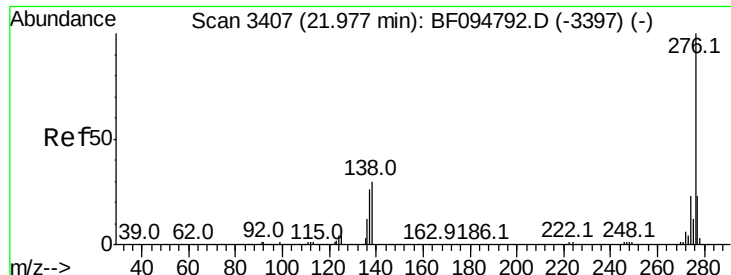
Tot Ion:252 Resp: 663798
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 14.8 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 32.07 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BF095499.D
Acq: 27 May 2017 13:33

Tgt Ion:278 Resp: 452225
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 24.3 19.3 28.9

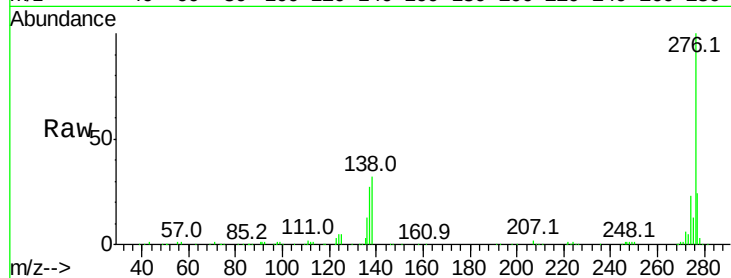




#91
 Benzo(a,h,i)perylene
 Concen: 36.77 ng
 RT: 22.06 min Scan# 3421
 Delta R.T. -0.01 min
 Lab File: BF095499.D
 Acq: 27 May 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	508829
Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	32.4	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

