

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095189.D
 Acq On : 17 May 2017 17:25
 Operator : SJ/MA
 Sample : PB99021BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:07:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	90274	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	370402	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	170979	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	310317	20.00	ng	0.04
75) Chrysene-d12	18.69	240	252252	20.00	ng	0.04
86) Perylene-d12	20.36	264	189828	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	764565	141.20	ng	0.08
7) Phenol-d6	7.32	99	924907	142.36	ng	0.05
23) Nitrobenzene-d5	8.68	82	537432	91.49	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	204229	145.85	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1063203	89.50	ng	0.04
78) Terphenyl-d14	17.35	244	986425	86.13	ng	0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	89565	33.73	ng	92
3) Pyridine	3.03	79	75015	12.19	ng	99
4) n-Nitrosodimethylamine	2.95	42	74814	29.16	ng	88
6) Aniline	7.29	93	295695	36.05	ng	95
8) 2-Chlorophenol	7.47	128	288943	46.88	ng	96
9) Benzaldehyde	7.11	77	96318	24.28	ng	97
10) Phenol	7.34	94	298802	43.65	ng	90
11) bis(2-Chloroethyl)ether	7.41	93	252342	44.65	ng	96
12) 1,3-Dichlorobenzene	7.68	146	298266	42.66	ng	97
13) 1,4-Dichlorobenzene	7.81	146	308260	43.48	ng	98
14) 1,2-Dichlorobenzene	8.04	146	293117	44.29	ng	96
15) Benzyl Alcohol	8.06	79	218916	52.39	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	325588	40.70	ng	68
17) 2-Methylphenol	8.27	107	230455	45.69	ng	# 88
18) Hexachloroethane	8.55	117	101489	42.26	ng	# 85
19) n-Nitroso-di-n-propylamine	8.48	70	195104	44.40	ng	95
20) 3+4-Methylphenols	8.52	107	305476	44.57	ng	# 55
22) Acetophenone	8.45	105	396528	44.62	ng	# 84
24) Nitrobenzene	8.71	77	250972	40.76	ng	92
25) Isophorone	9.11	82	493176	47.02	ng	# 94
26) 2-Nitrophenol	9.21	139	158663	47.76	ng	98
27) 2,4-Dimethylphenol	9.34	122	249396	46.43	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	316251	43.59	ng	99
29) 2,4-Dichlorophenol	9.63	162	229824	45.32	ng	98
30) 1,2,4-Trichlorobenzene	9.71	180	234718	43.20	ng	99
31) Naphthalene	9.82	128	803134	43.14	ng	99
32) Benzoic acid	9.66	122	119253	35.32	ng	89
33) 4-Chloroaniline	9.99	127	95027	13.70	ng	# 91
34) Hexachlorobutadiene	10.04	225	116890	40.77	ng	98
35) Caprolactam	10.67	113	25939	17.03	ng	95
36) 4-Chloro-3-methylphenol	10.82	107	253511	46.75	ng	90
37) 2-Methylnaphthalene	10.95	142	553510	45.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	219824	41.81	ng	99
40) Hexachlorocyclopentadiene	11.20	237	150303	68.90	ng	98

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 ALS Vial : 3 Sample Multiplier: 1

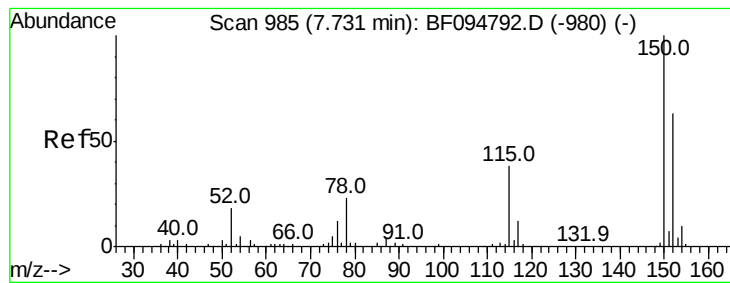
Instrument :
 BNA_F
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Quant Time: May 18 04:07:02 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.45	196	160483	45.71	nq	95
43) 2,4,5-Trichlorophenol	11.54	196	157813	41.82	nq	# 93
45) 1,1'-Biphenyl	11.71	154	632327	43.93	nq	97
46) 2-Chloronaphthalene	11.73	162	507747	43.68	nq	95
47) 2-Nitroaniline	11.95	65	135513	42.59	nq	# 81
48) Acenaphthylene	12.39	152	812500	44.63	nq	98
49) Dimethylphthalate	12.27	163	591156	42.12	nq	98
50) 2,6-Dinitrotoluene	12.36	165	135246	47.23	nq	97
51) Acenaphthene	12.68	154	479605	44.10	nq	98
52) 3-Nitroaniline	12.64	138	66888	21.76	nq	94
53) 2,4-Dinitrophenol	12.84	184	128648	81.44	nq	# 69
54) Dibenzofuran	12.97	168	734892	48.84	nq	96
55) 4-Nitrophenol	13.02	139	137485	74.48	nq	# 68
56) 2,4-Dinitrotoluene	13.03	165	183323	49.82	nq	# 91
57) Fluorene	13.52	166	588230	44.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	125134	52.69	nq	# 92
59) Diethylphthalate	13.41	149	575269	42.76	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	255864	44.49	nq	92
61) 4-Nitroaniline	13.64	138	118203	41.89	nq	95
62) Azobenzene	13.80	77	553186	51.17	nq	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	92564	44.50	nq	# 71
65) n-Nitrosodiphenylamine	13.75	169	505358	44.87	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	146887	44.80	nq	96
67) Hexachlorobenzene	14.41	284	146635	43.64	nq	# 86
68) Atrazine	14.67	200	154208	48.49	nq	96
69) Pentachlorophenol	14.77	266	112376	74.41	nq	96
70) Phenanthrene	15.07	178	820151	46.00	nq	98
71) Anthracene	15.15	178	859895	47.21	nq	98
72) Carbazole	15.42	167	792140	47.80	nq	97
73) Di-n-butylphthalate	15.99	149	937350	45.36	nq	98
74) Fluoranthene	16.80	202	856574	46.83	nq	99
76) Benzidine	17.02	184	278874	41.85	nq	# 92
77) Pyrene	17.11	202	873911	46.32	nq	98
79) Butylbenzylphthalate	18.00	149	395835	45.11	nq	# 86
80) Benzo(a)anthracene	18.68	228	680091	46.32	nq	98
81) 3,3'-Dichlorobenzidine	18.67	252	124510	24.56	nq	# 94
82) Chrysene	18.73	228	636614	44.85	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	542797	43.41	nq	# 100
84) Di-n-octyl phthalate	19.51	149	854963	41.71	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	450124	39.05	nq	100
87) Benzo(b)fluoranthene	19.96	252	532784	45.42	nq	99
88) Benzo(k)fluoranthene	19.99	252	540284	47.75	nq	# 95
89) Benzo(a)pyrene	20.31	252	503687	46.54	nq	98
90) Dibenzo(a,h)anthracene	21.70	278	364124	40.73	nq	98
91) Benzo(g,h,i)perylene	22.08	276	394672	44.99	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

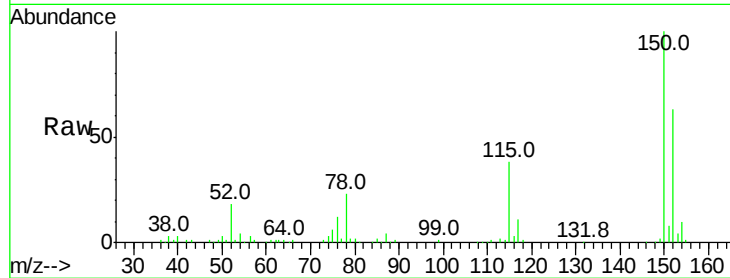
Tot Ion:152 Resp: 90274

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

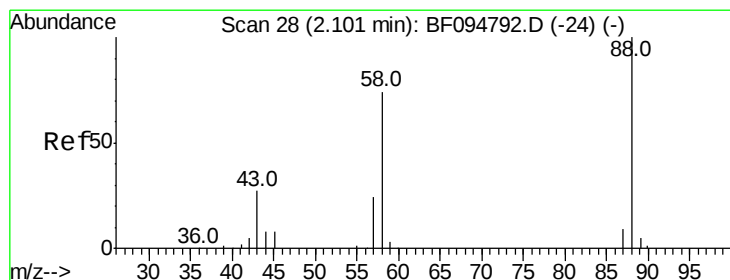
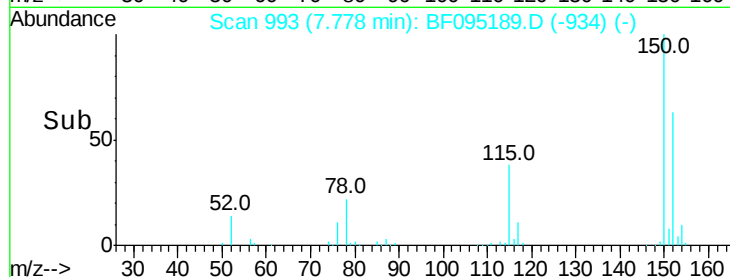
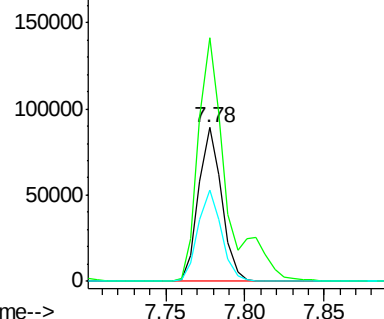
115 59.5 52.2 78.2



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: 33.73 ng

RT: 2.33 min Scan# 67

Delta R.T. 0.23 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

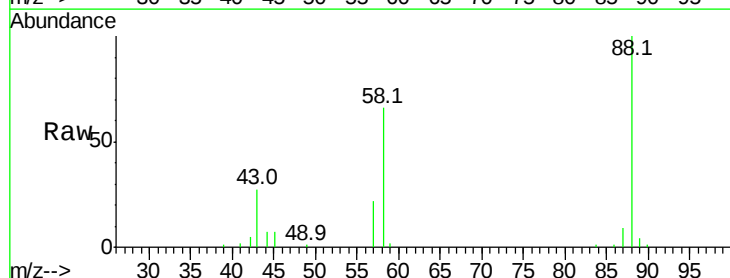
Tgt Ion: 88 Resp: 89565

Ion Ratio Lower Upper

88 100

58 69.4 61.4 92.0

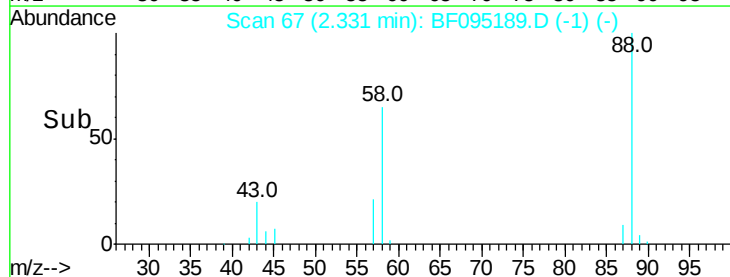
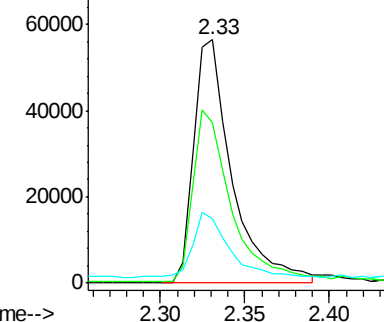
43 25.2 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 12.19 ng

RT: 3.03 min Scan# 186

Delta R.T. 0.27 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

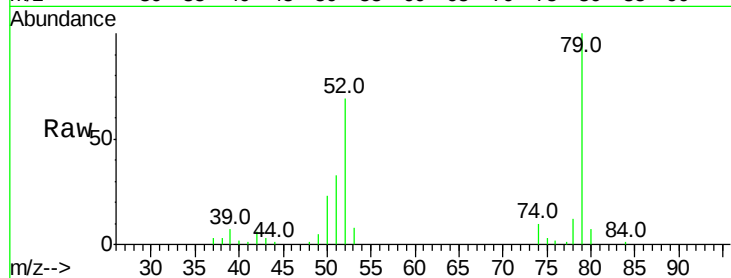
Tot Ion: 79 Resp: 75015

Ion Ratio Lower Upper

79 100

52 69.3 54.8 82.2

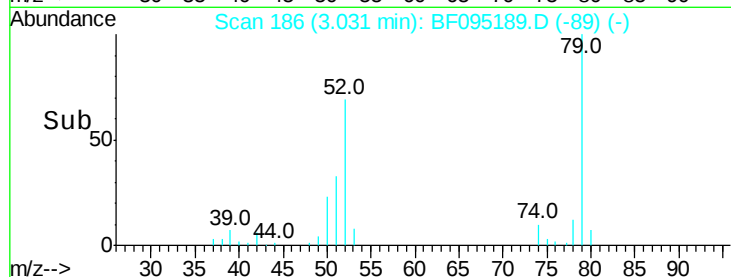
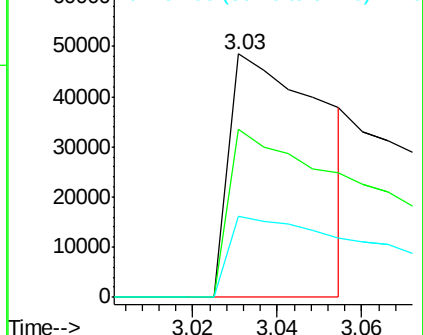
51 33.1 27.0 40.4



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: 29.16 ng

RT: 2.95 min Scan# 173

Delta R.T. 0.26 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

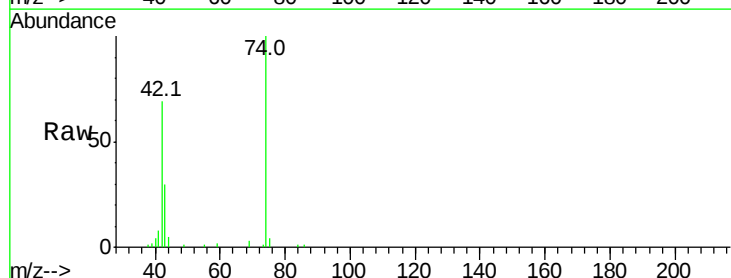
Tgt Ion: 42 Resp: 74814

Ion Ratio Lower Upper

42 100

74 145.0 103.9 155.9

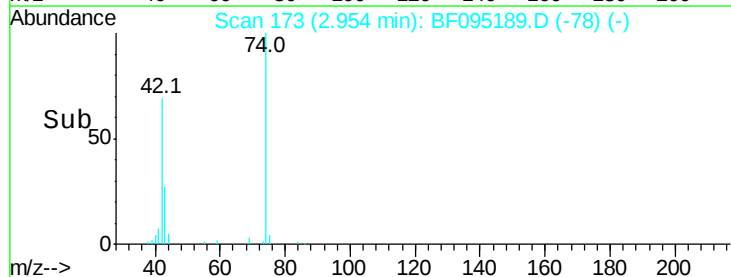
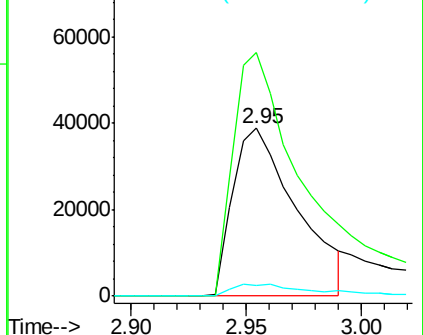
44 6.6 5.7 8.5

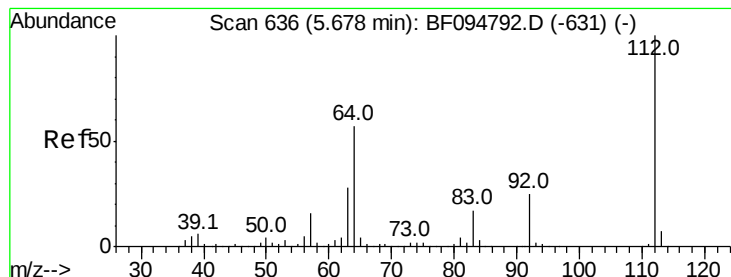


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 141.20 ng

RT: 5.76 min Scan# 650

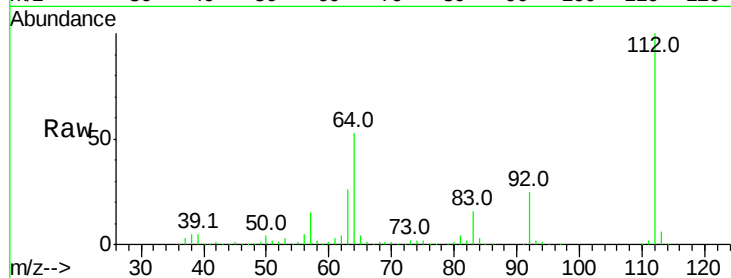
Delta R.T. 0.08 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

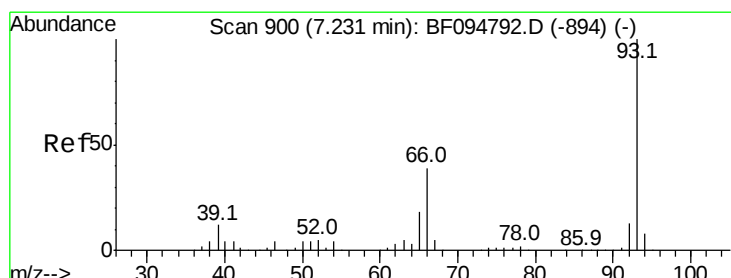
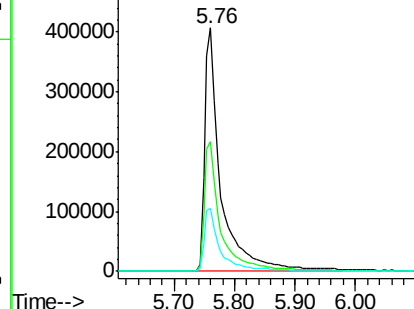
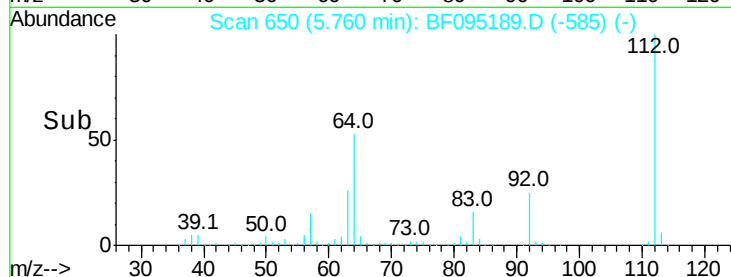
Tot Ion:	112	Resp:	764565
Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	26.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.05 ng

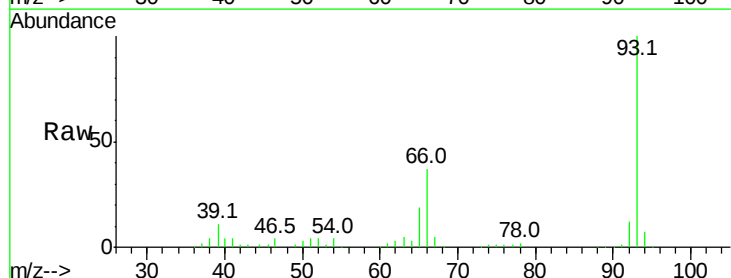
RT: 7.29 min Scan# 910

Delta R.T. 0.06 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

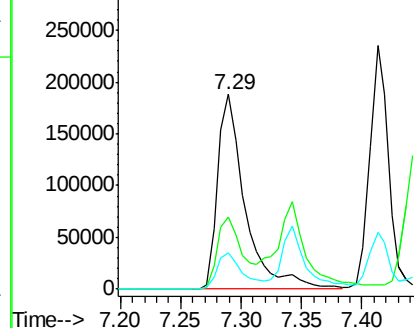
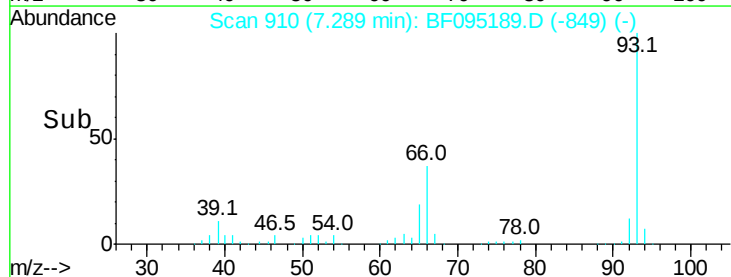
Tgt Ion:	93	Resp:	295695
Ion	Ratio	Lower	Upper
93	100		
66	37.3	32.9	49.3
65	18.9	16.0	24.0

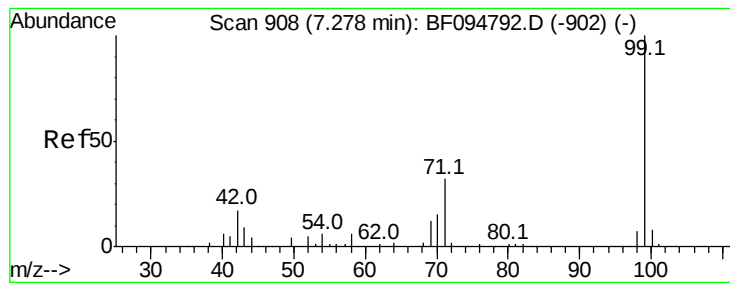


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.36 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

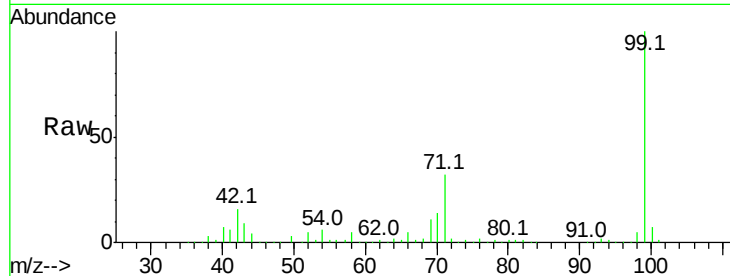
Tot Ion: 99 Resp: 924907

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

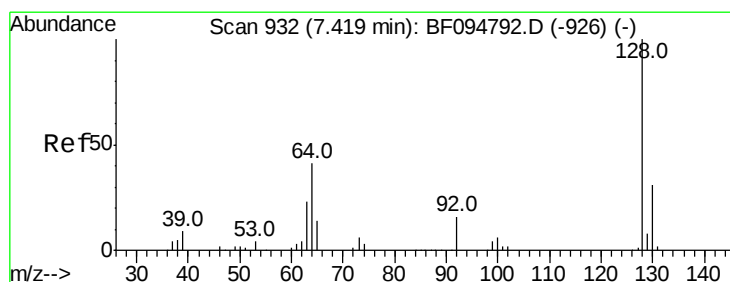
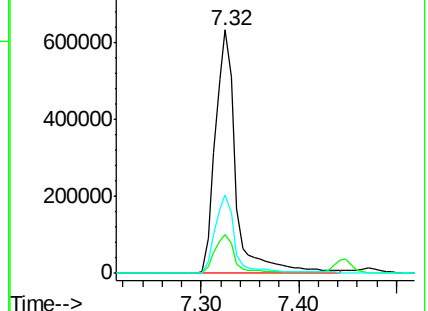
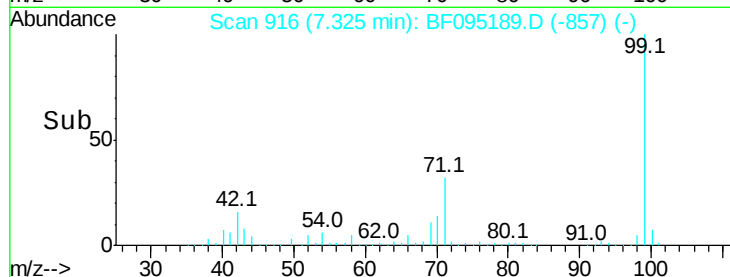
71 32.3 24.5 36.7



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: 46.88 ng

RT: 7.47 min Scan# 941

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

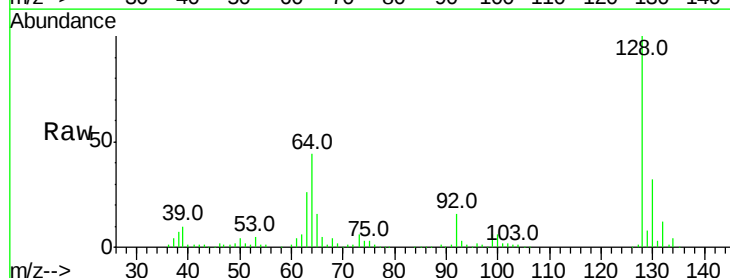
Tgt Ion: 128 Resp: 288943

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

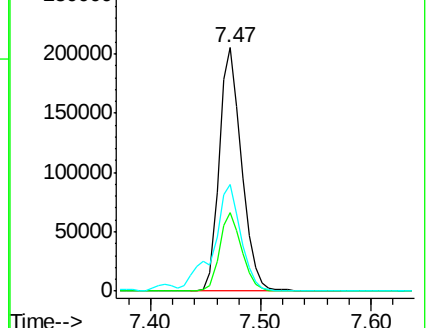
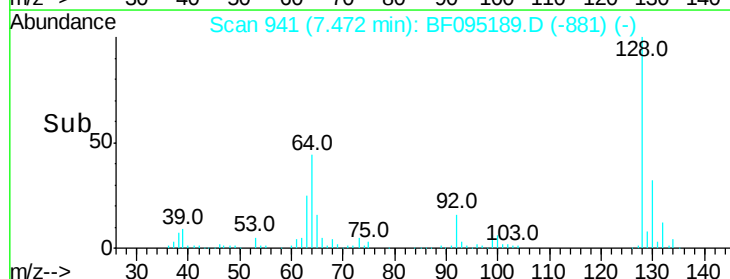
64 44.0 28.4 68.4



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

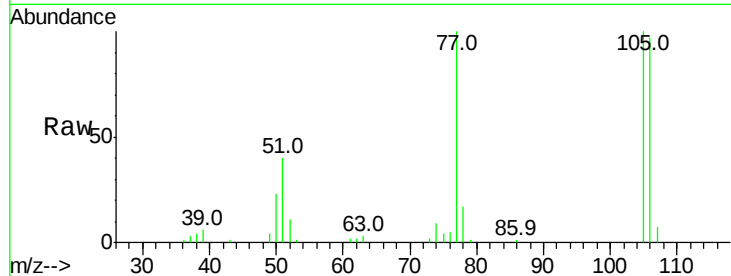




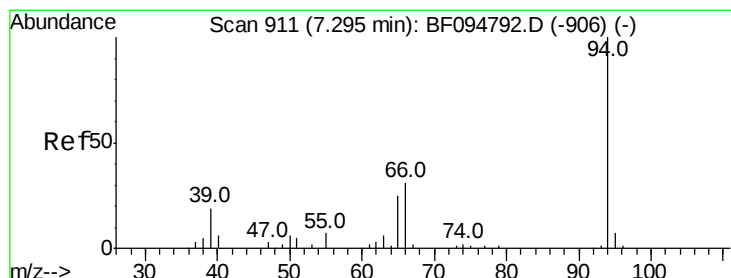
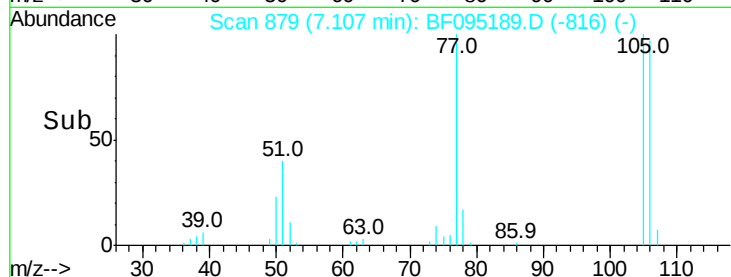
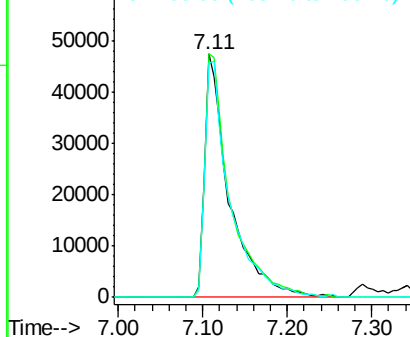
#9
Benzaldehyde
Concen: 24.28 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 96318
Ion Ratio Lower Upper
77 100
105 100.0 83.8 123.8
106 96.6 79.1 119.1

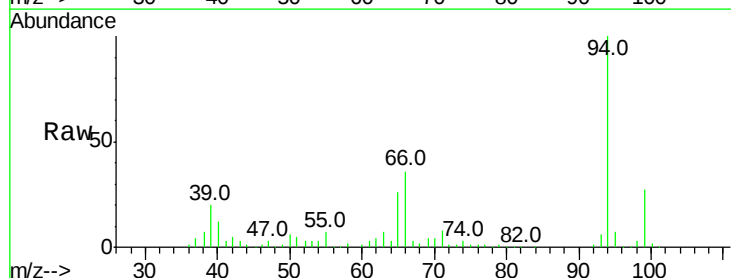


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

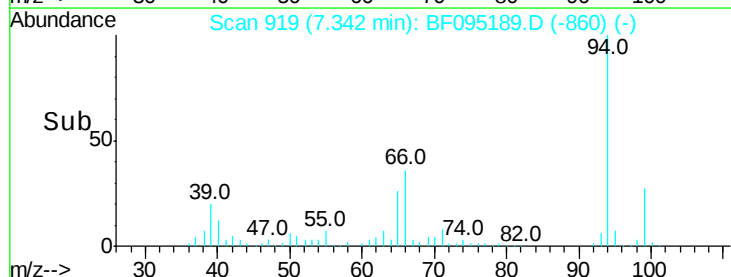
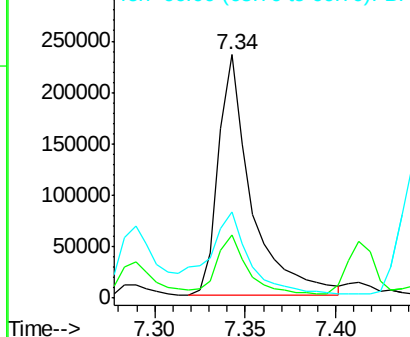


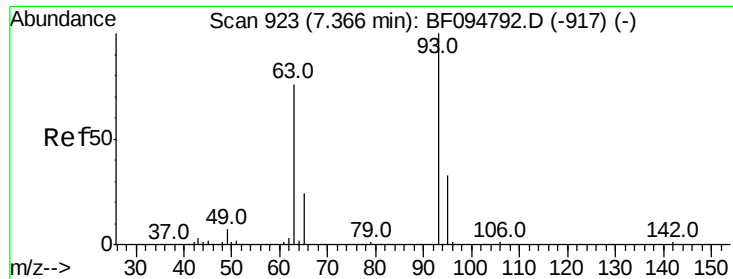
#10
Phenol
Concen: 43.65 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion: 94 Resp: 298802
Ion Ratio Lower Upper
94 100
65 25.9 9.9 49.9
66 35.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

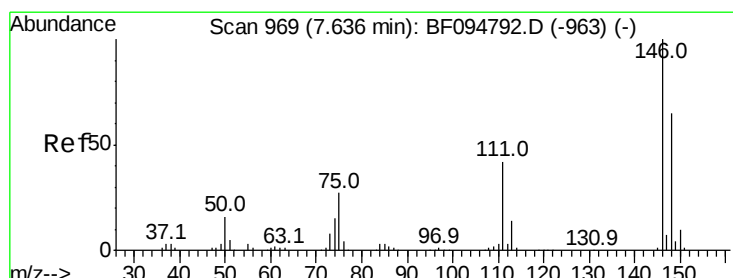
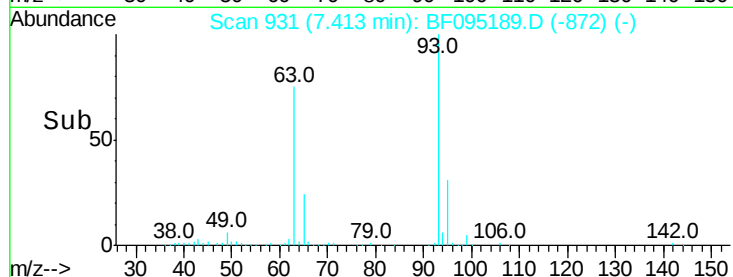
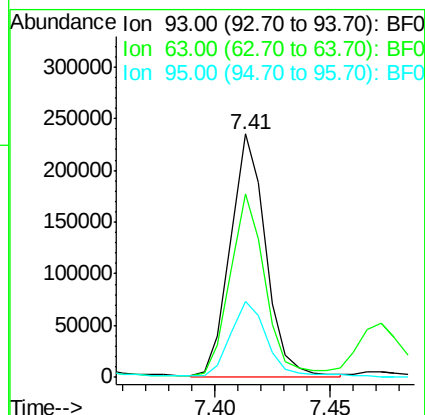
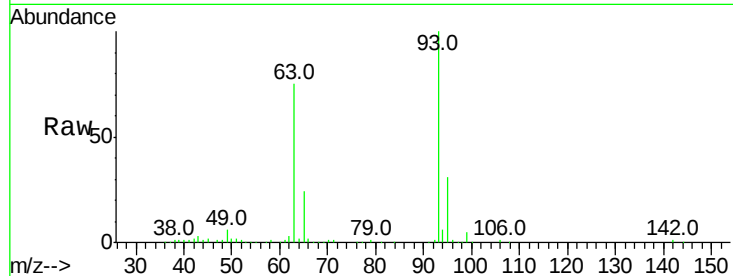




#11
bis(2-Chloroethyl)ether
Concen: 44.65 ng
RT: 7.41 min Scan# 931
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

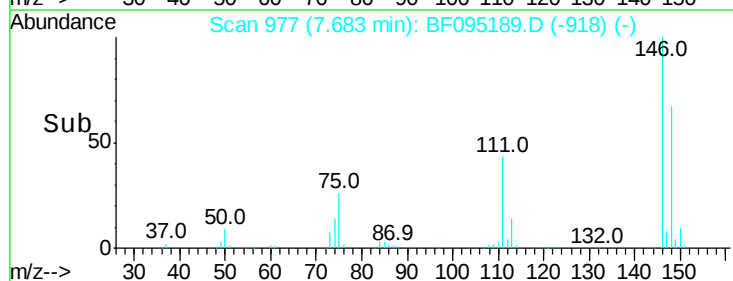
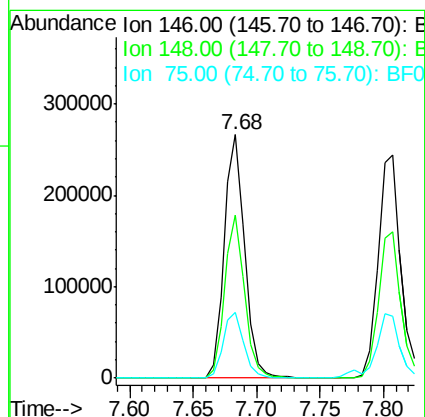
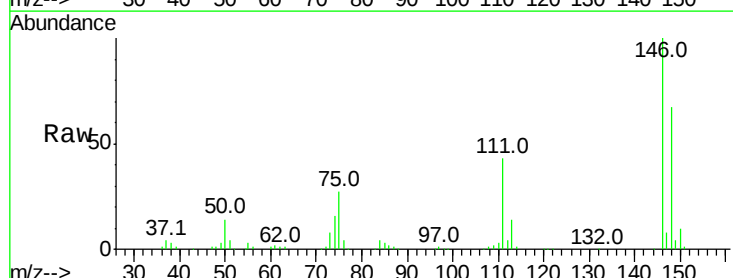
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 252342
Ion Ratio Lower Upper
93 100
63 75.2 59.2 99.2
95 31.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.66 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion: 146 Resp: 298266
Ion Ratio Lower Upper
146 100
148 66.9 51.8 77.6
75 27.2 23.1 34.7

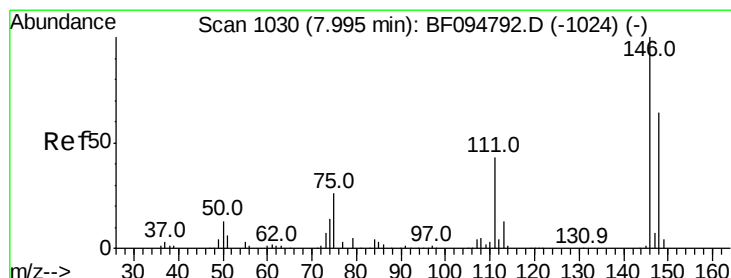
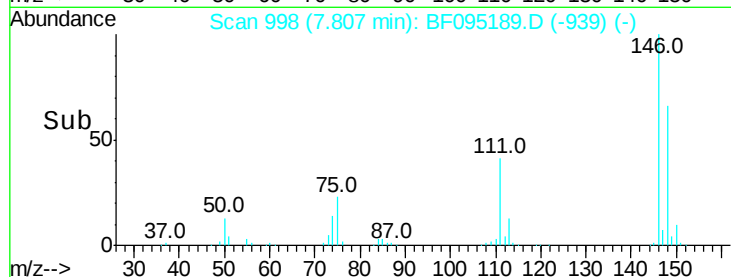
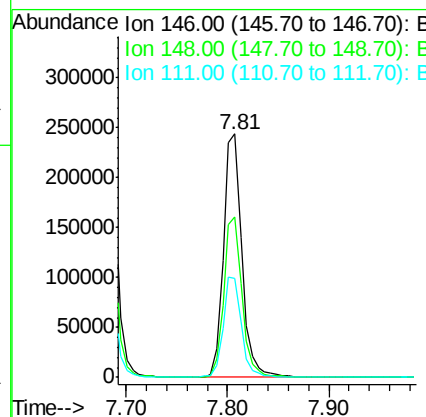
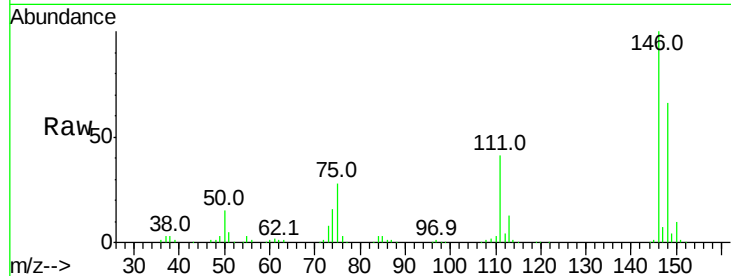




#13
 1,4-Dichlorobenzene
 Concen: 43.48 ng
 RT: 7.81 min Scan# 998
 Delta R.T. 0.05 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

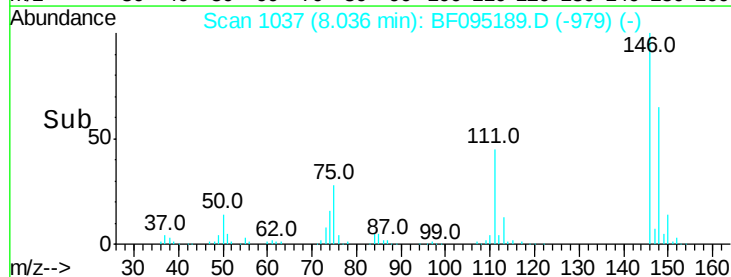
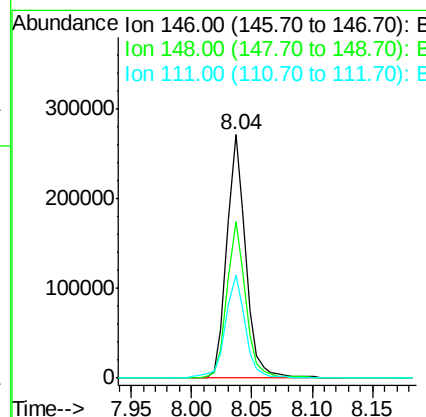
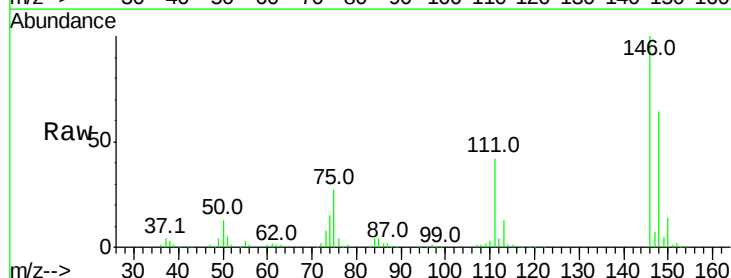
Instrument :
 BNA_F
 ClientSampleId :

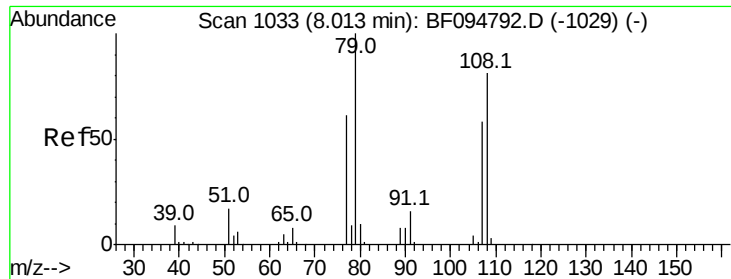
Tot Ion:146 Resp: 308260
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.2 78.2
 111 40.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.29 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:146 Resp: 293117
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 42.4 38.2 57.4

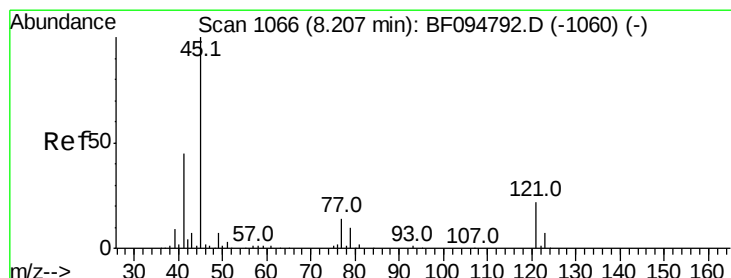
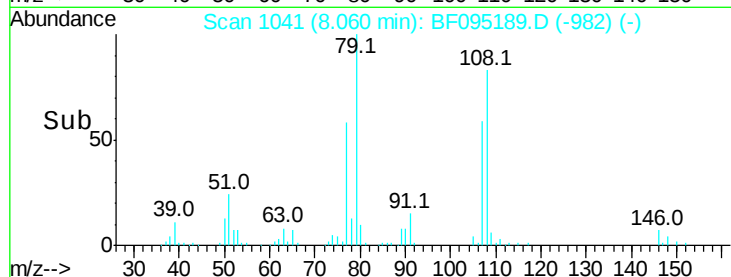
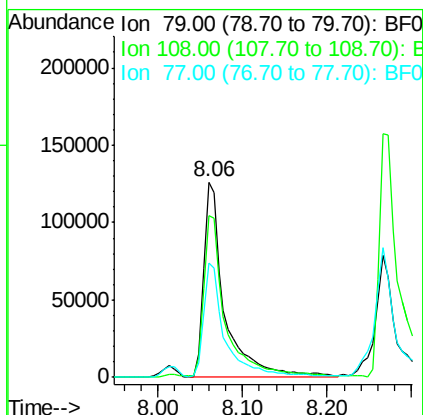
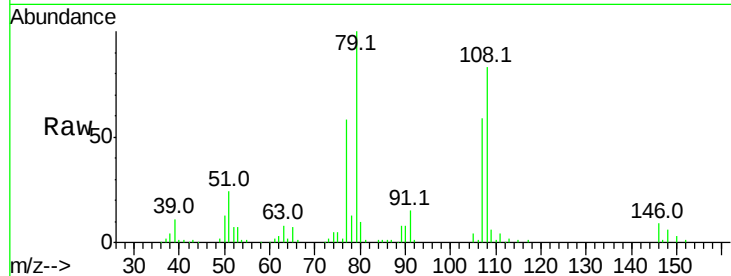




#15
Benzyl Alcohol
Concen: 52.39 ng
RT: 8.06 min Scan# 1041
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

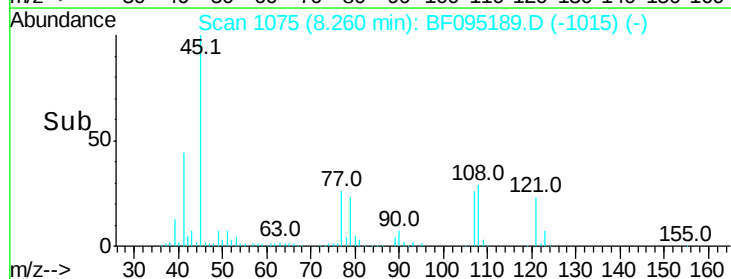
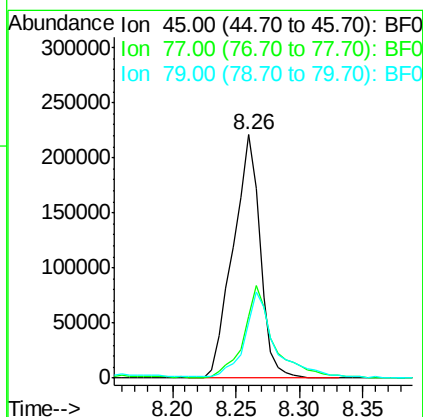
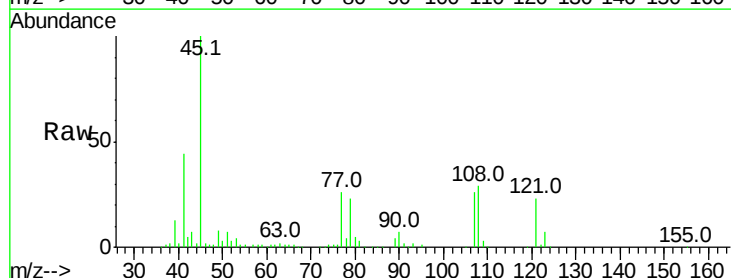
Instrument :
BNA_F
ClientSampled :

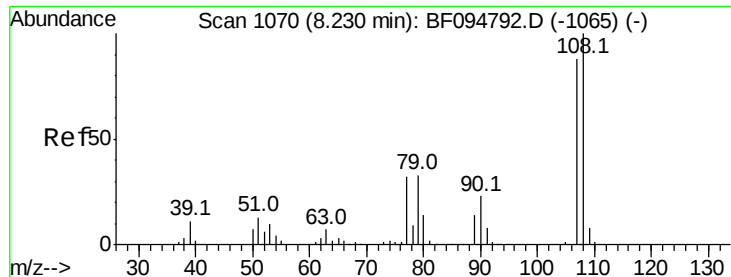
Tot Ion: 79 Resp: 218916
Ion Ratio Lower Upper
79 100
108 83.2 63.4 95.0
77 58.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.70 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion: 45 Resp: 325588
Ion Ratio Lower Upper
45 100
77 25.6 0.0 33.2
79 22.6 0.0 30.0

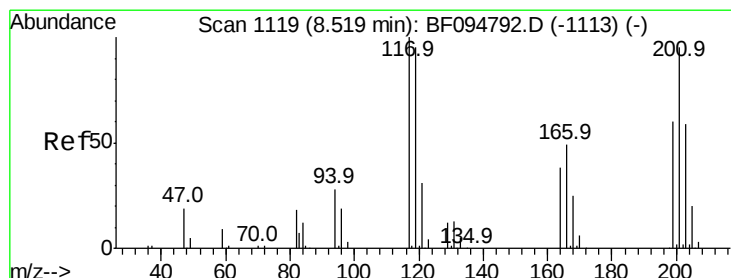
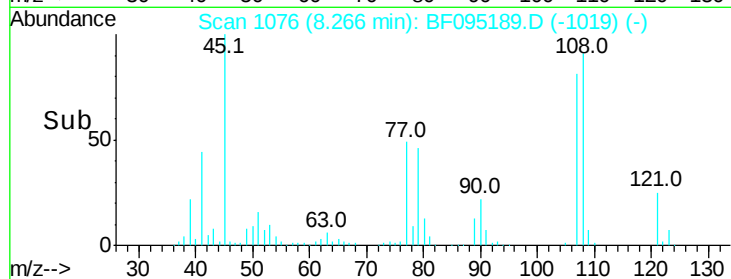
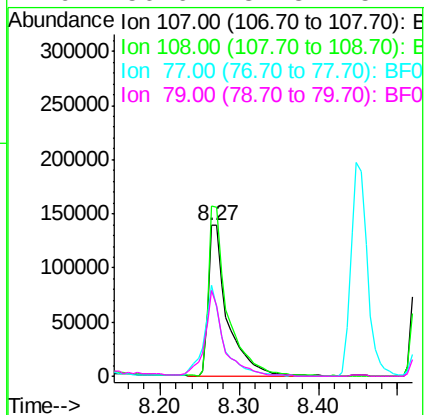
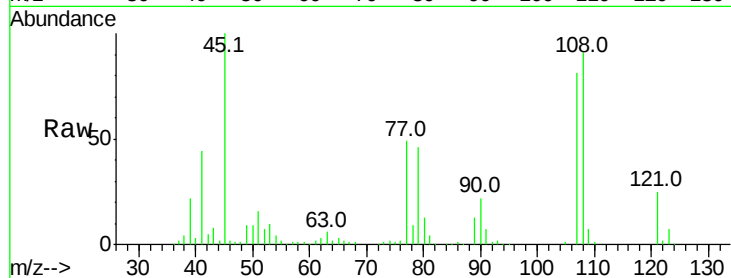




#17
2-Methylphenol
Concen: 45.69 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

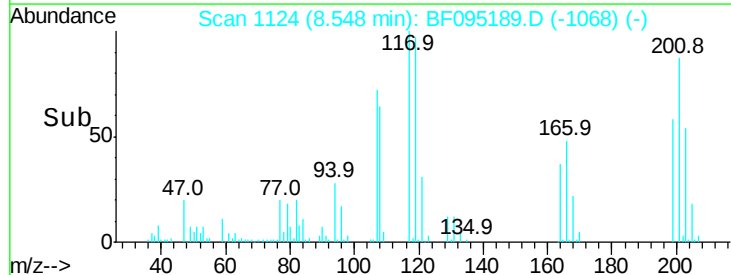
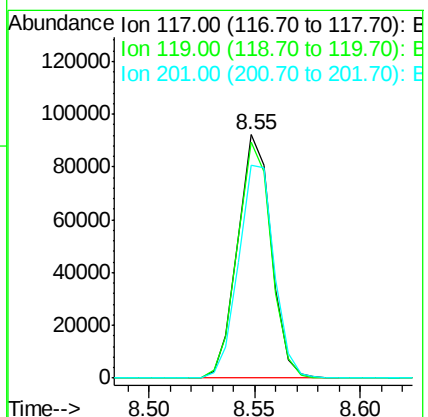
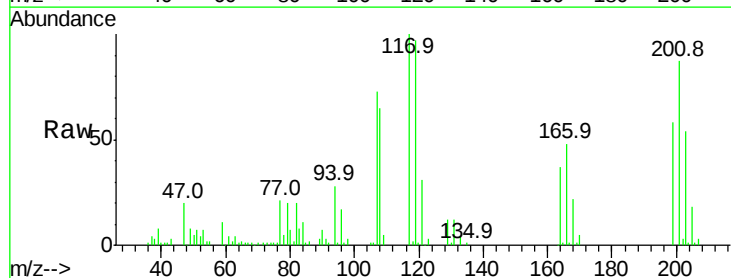
Instrument :
BNA_F
ClientSampleId :

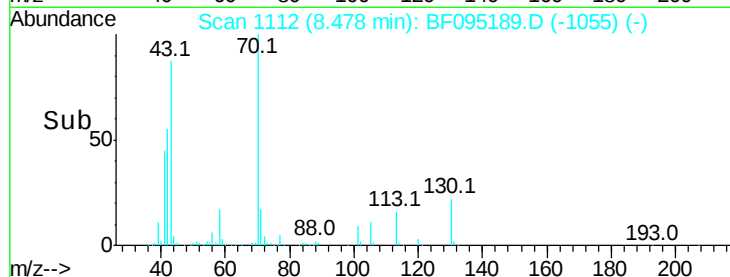
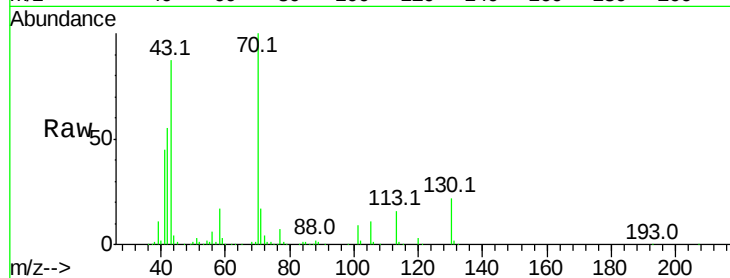
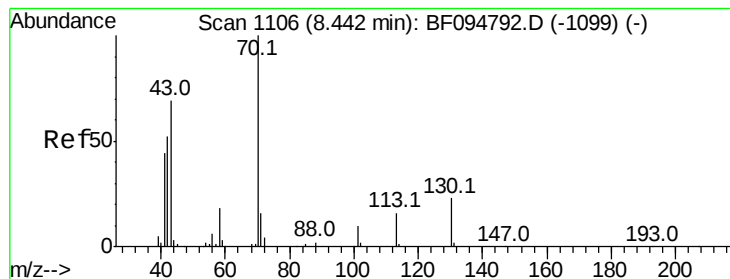
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.4	140.0
77	60.4	35.8	53.6#
79	56.6	34.8	52.2#



#18
Hexachloroethane
Concen: 42.26 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	87.4	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 44.40 ng

RT: 8.48 min Scan# 1112

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 195104

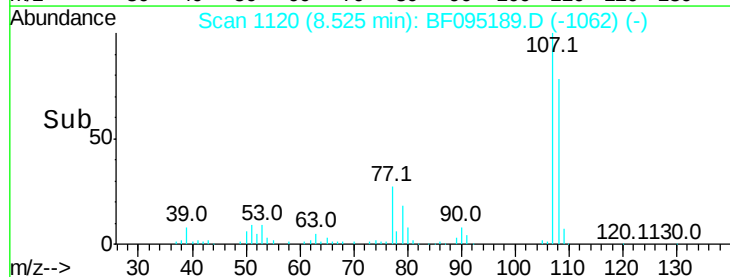
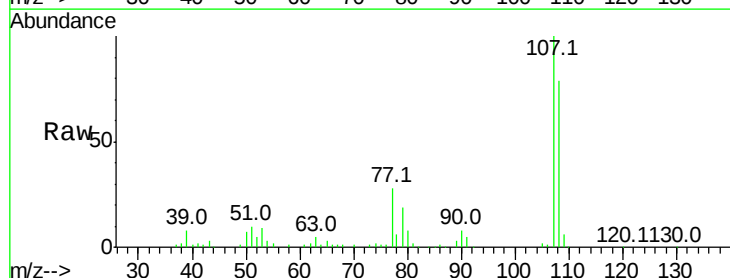
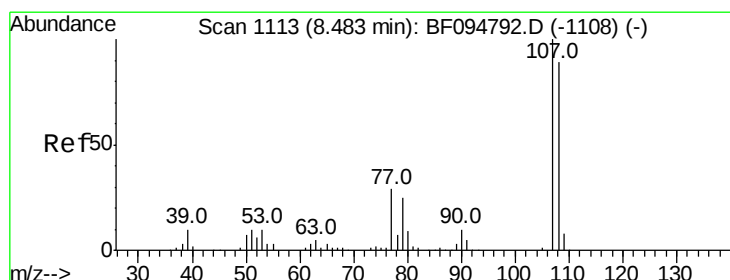
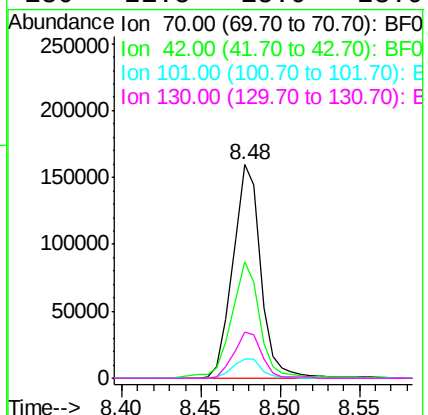
Ion Ratio Lower Upper

70 100

42 54.6 47.2 70.8

101 9.3 7.2 10.8

130 21.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 44.57 ng

RT: 8.52 min Scan# 1120

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion: 107 Resp: 305476

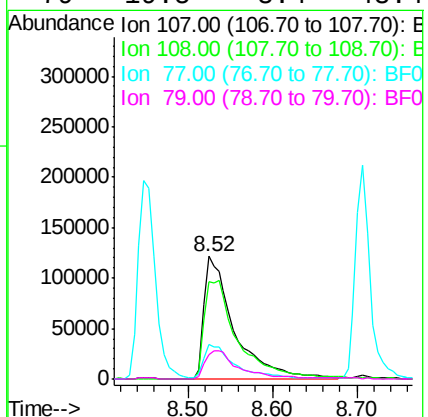
Ion Ratio Lower Upper

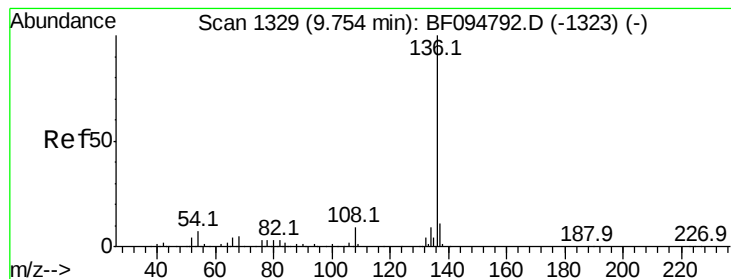
107 100

108 79.0 71.0 111.0

77 27.8 90.5 130.5#

79 19.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 370402

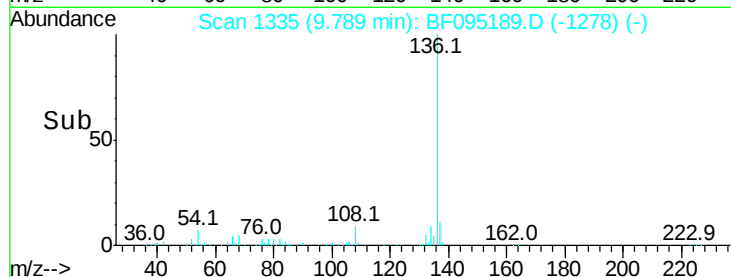
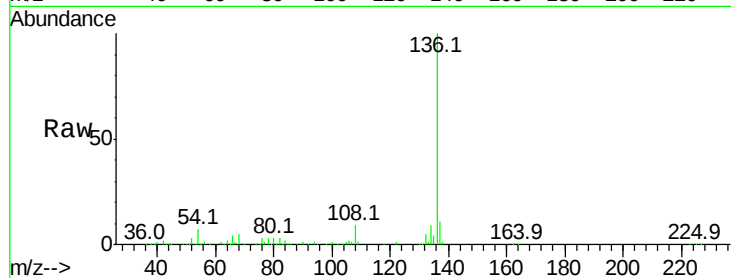
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

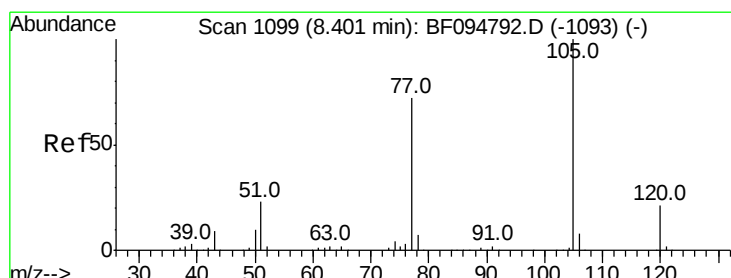
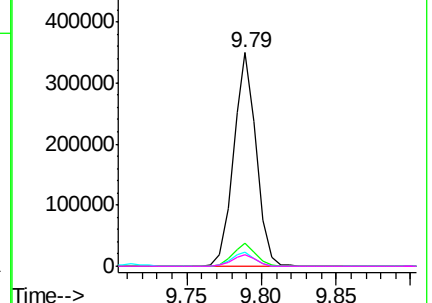


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.62 ng

RT: 8.45 min Scan# 1107

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:105 Resp: 396528

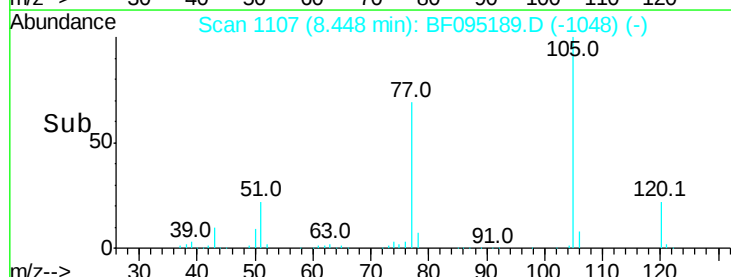
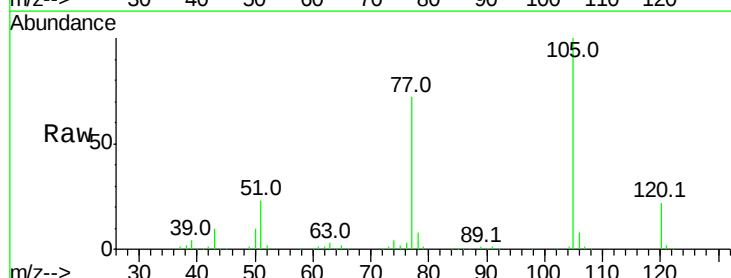
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.2 30.7 46.1#

120 22.0 17.4 26.0

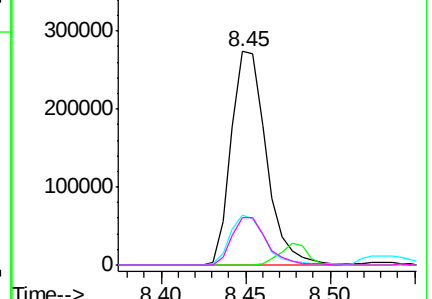


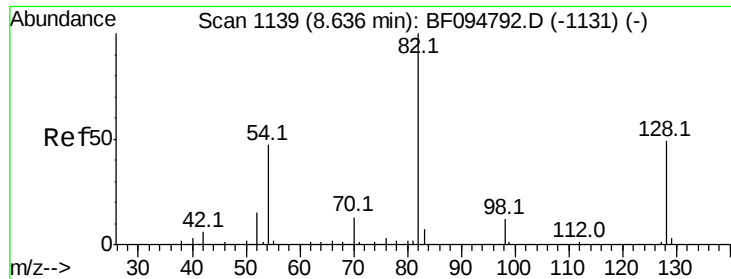
Abundance Ion 105.00 (104.70 to 105.70): E

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

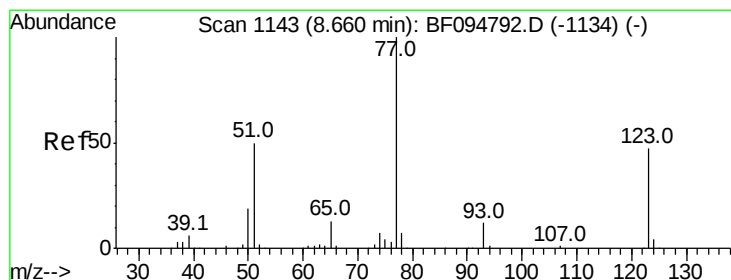
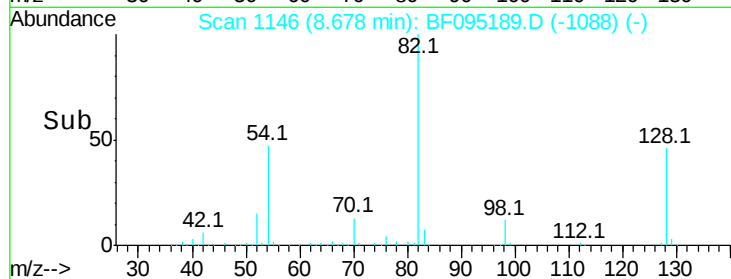
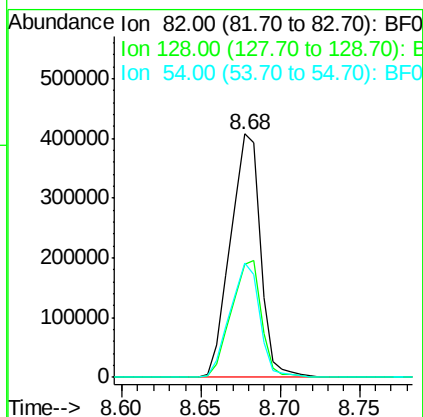
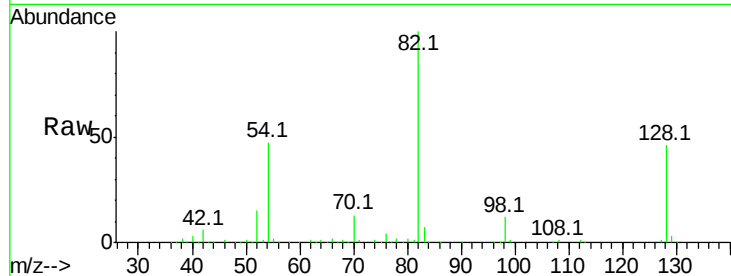




#23
 Nitrobenzene-d5
 Concen: 91.49 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

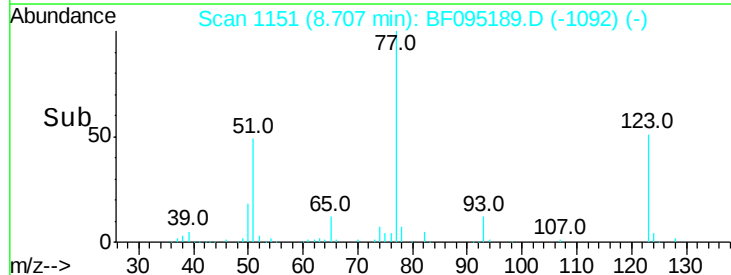
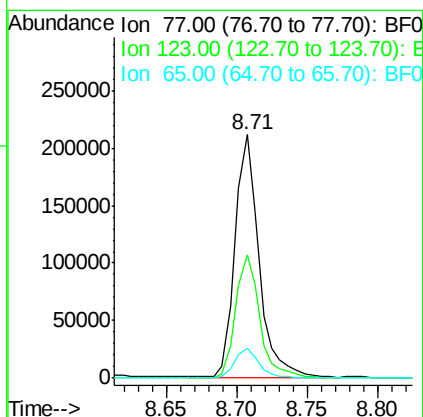
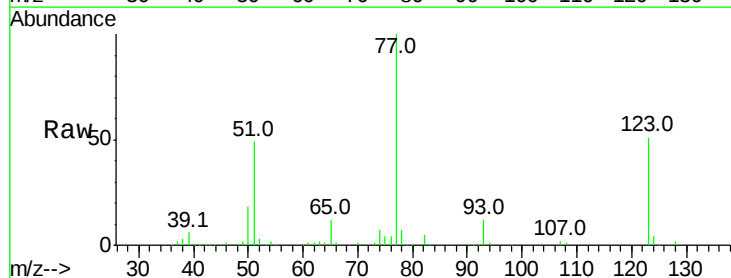
Instrument :
 BNA_F
 ClientSampleId :

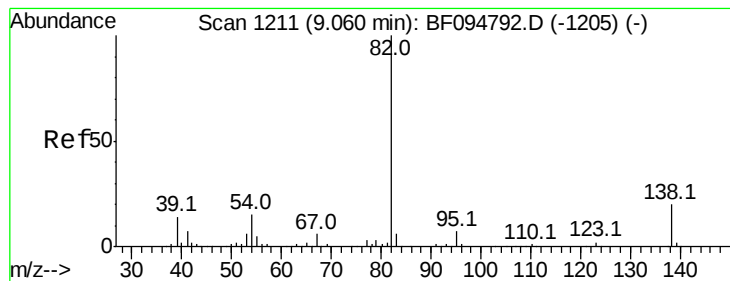
Tot Ion: 82 Resp: 537432
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.0 51.0
 54 47.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.76 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion: 77 Resp: 250972
 Ion Ratio Lower Upper
 77 100
 123 50.8 35.8 53.8
 65 12.4 10.6 15.8





#25

Isophorone

Concen: 47.02 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

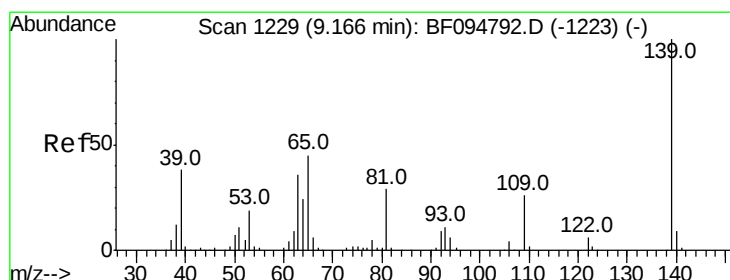
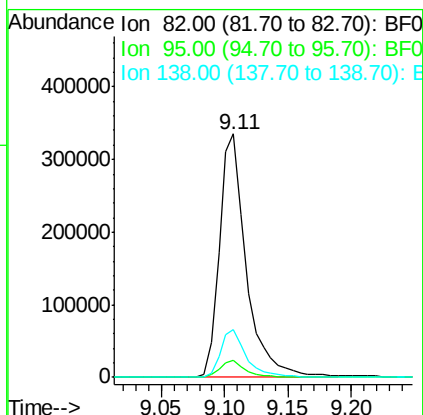
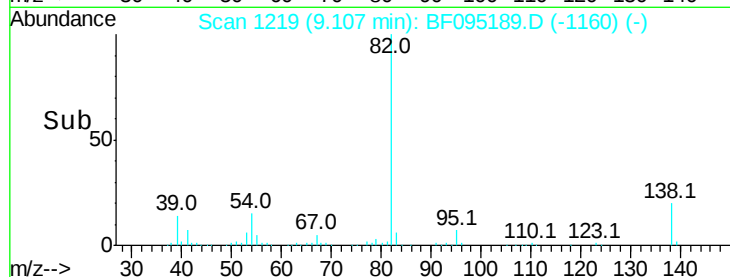
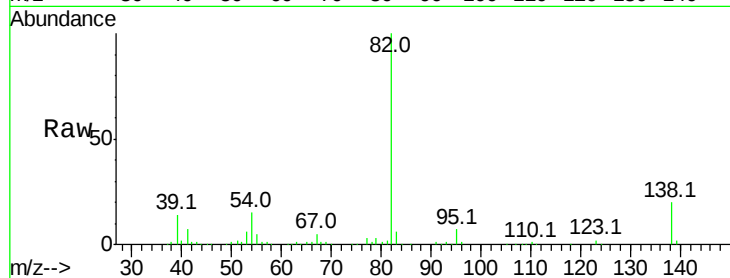
Tot Ion: 82 Resp: 493176

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 47.76 ng

RT: 9.21 min Scan# 1237

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

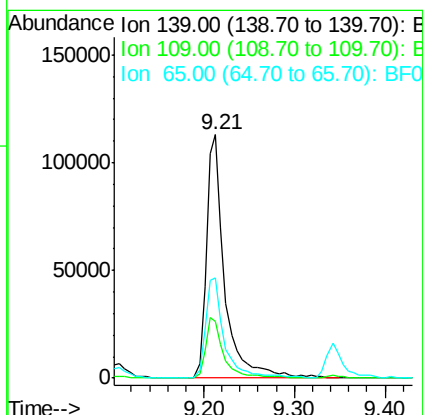
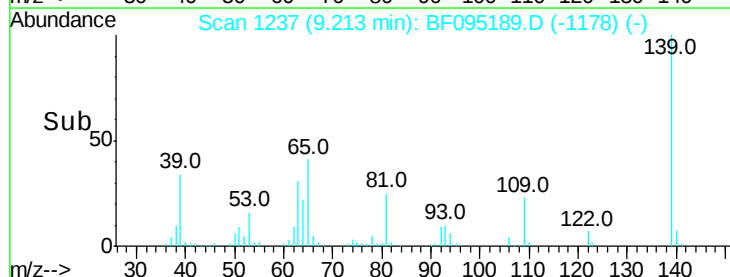
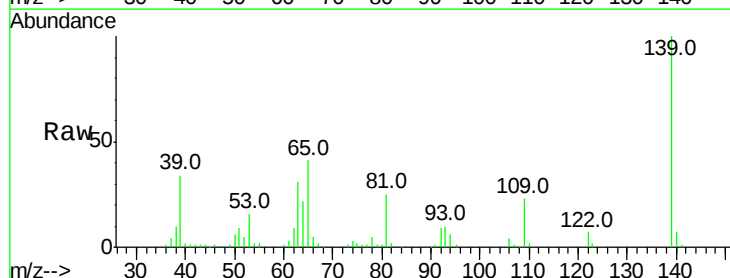
Tgt Ion:139 Resp: 158663

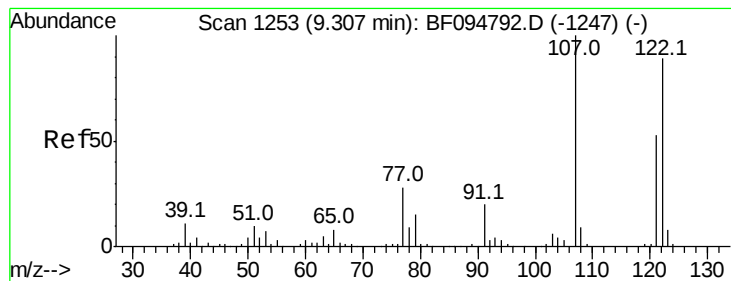
Ion Ratio Lower Upper

139 100

109 23.2 21.0 31.6

65 41.3 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 46.43 ng

RT: 9.34 min Scan# 1259

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampled :

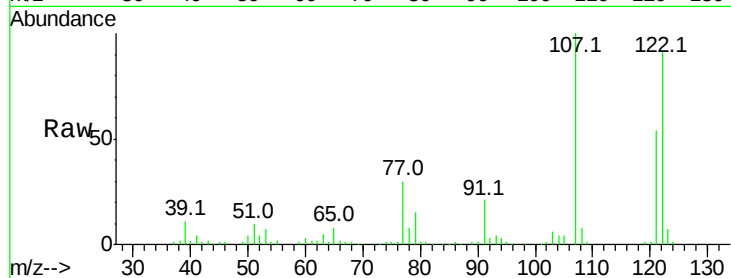
Tot Ion:122 Resp: 249396

Ion Ratio Lower Upper

122 100

107 110.4 89.2 133.8

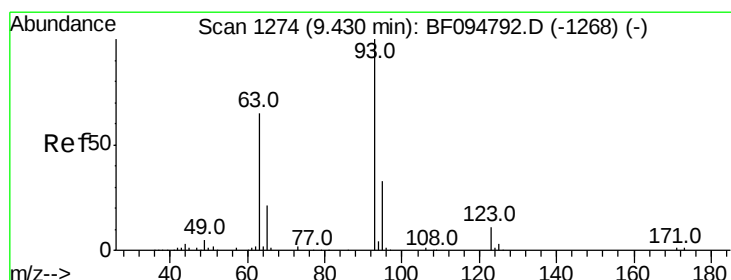
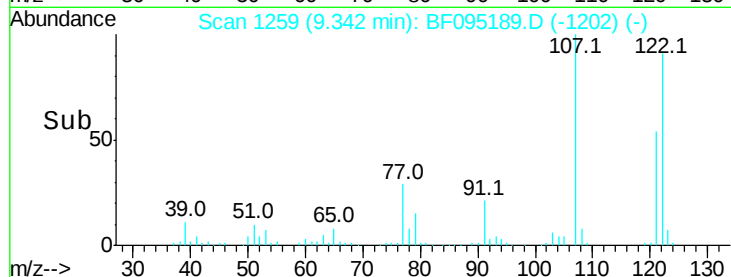
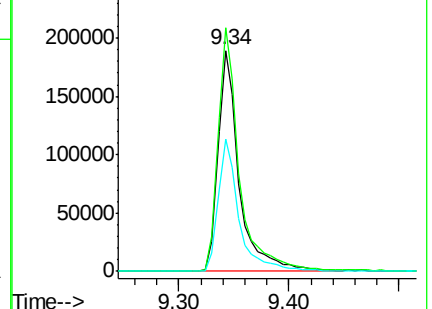
121 59.7 45.2 67.8



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: 43.59 ng

RT: 9.47 min Scan# 1280

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

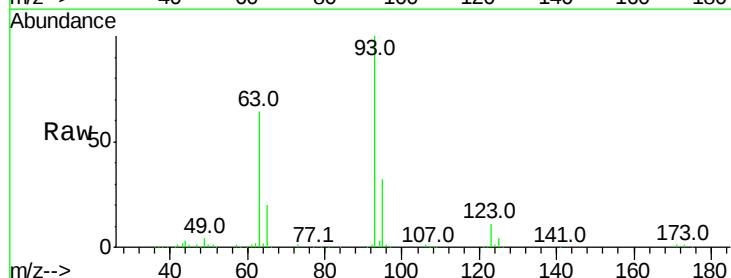
Tgt Ion: 93 Resp: 316251

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

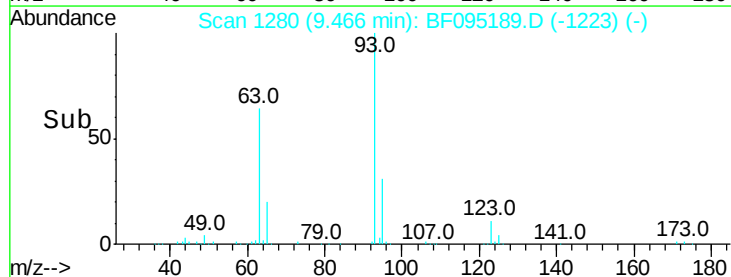
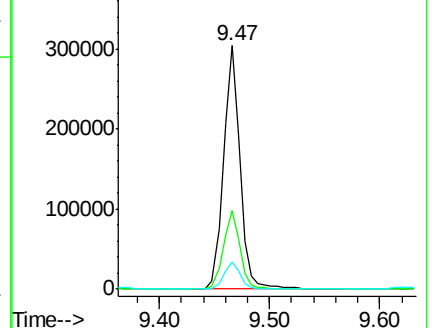
123 11.3 9.0 13.4

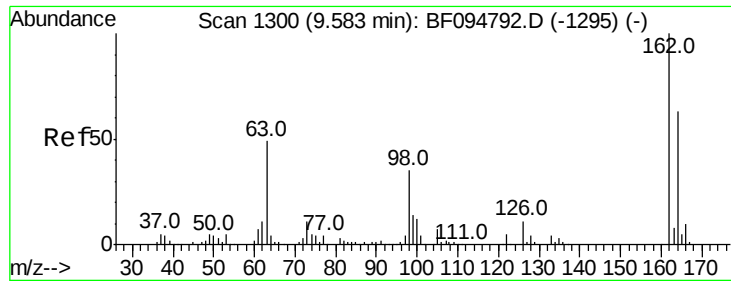


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

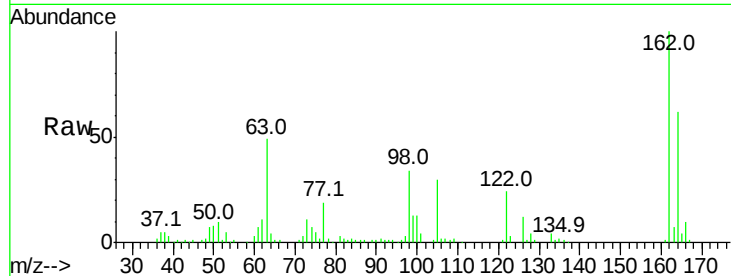




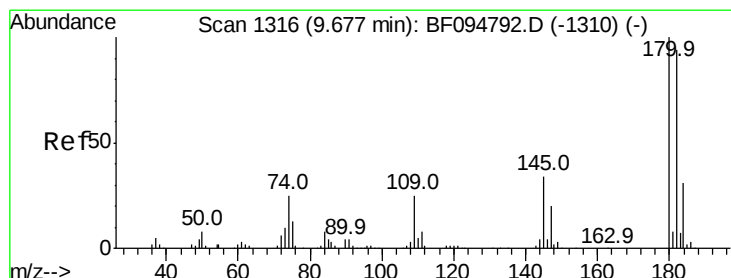
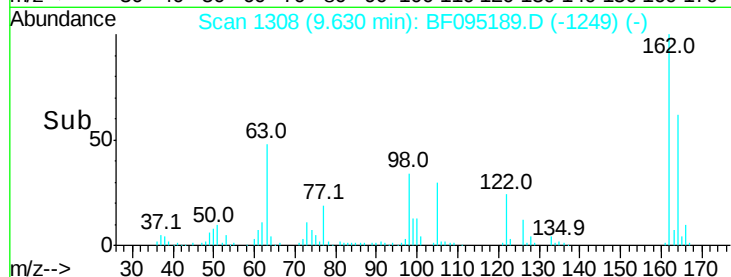
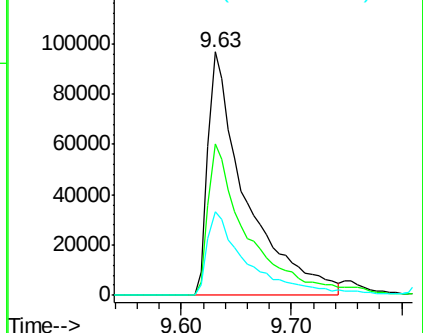
#29
 2,4-Dichlorophenol
 Concen: 45.32 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 229824
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.6 84.6
 98 34.4 14.8 54.8

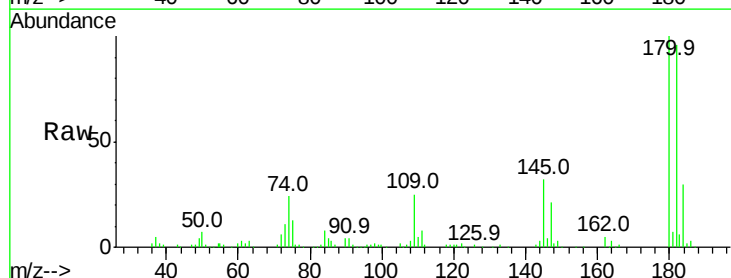


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

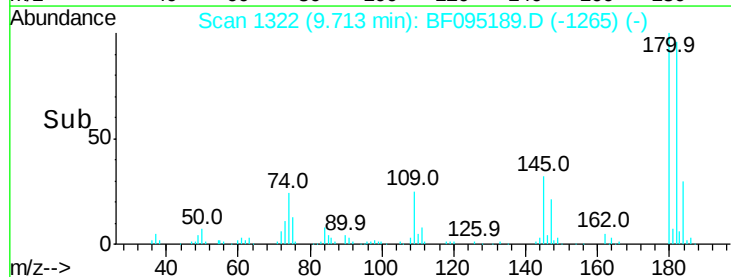
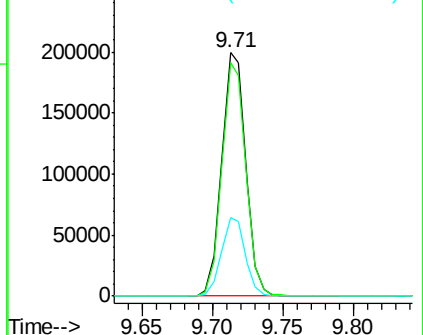


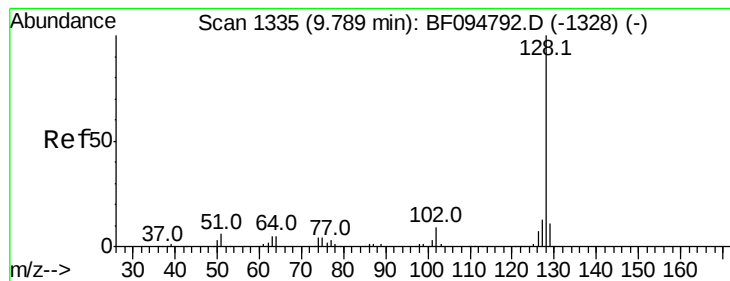
#30
 1,2,4-Trichlorobenzene
 Concen: 43.20 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:180 Resp: 234718
 Ion Ratio Lower Upper
 180 100
 182 95.8 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: 43.14 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

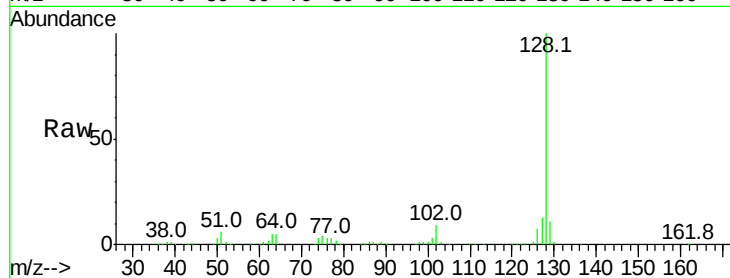
Tot Ion:128 Resp: 803134

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

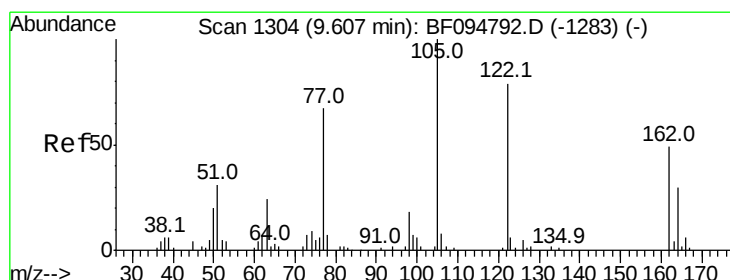
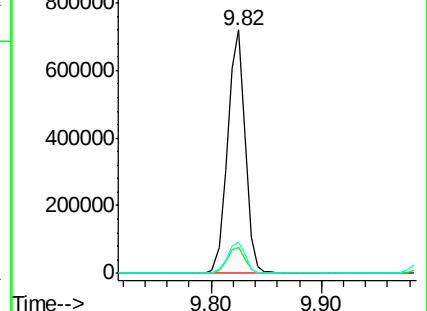
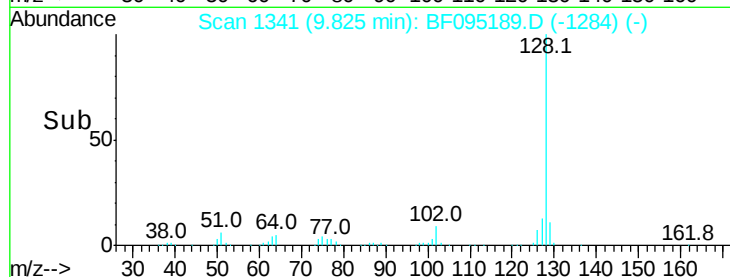
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.32 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

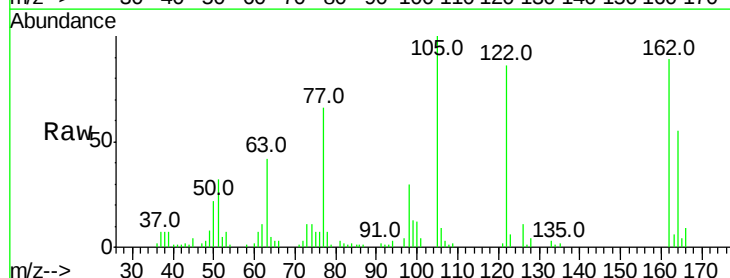
Tgt Ion:122 Resp: 119253

Ion Ratio Lower Upper

122 100

105 116.1 103.3 143.3

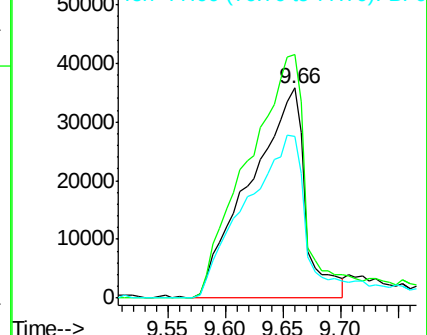
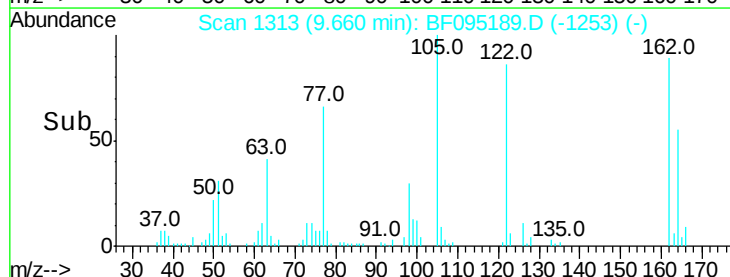
77 77.1 73.7 113.7

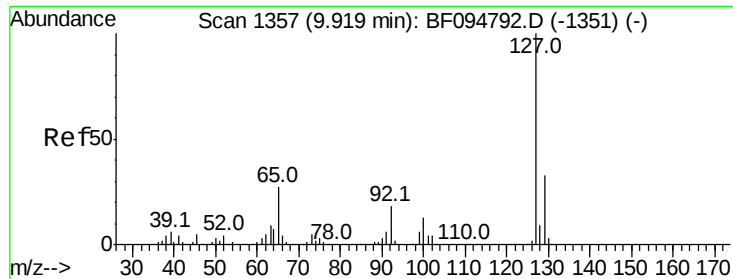


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

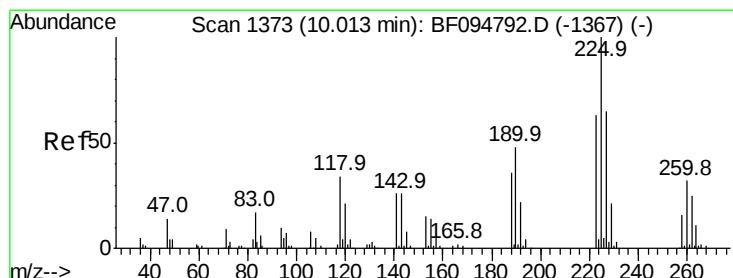
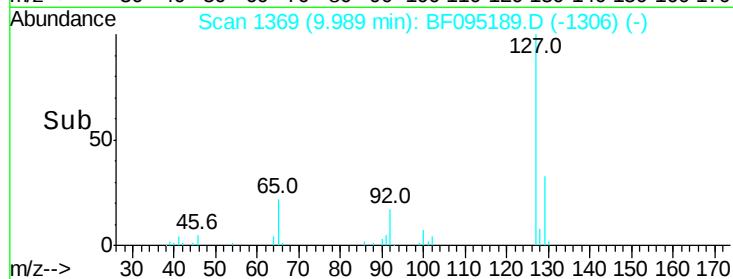
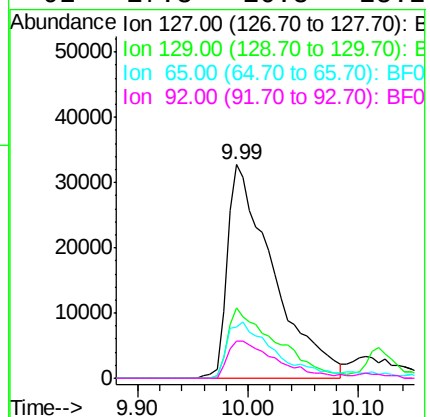
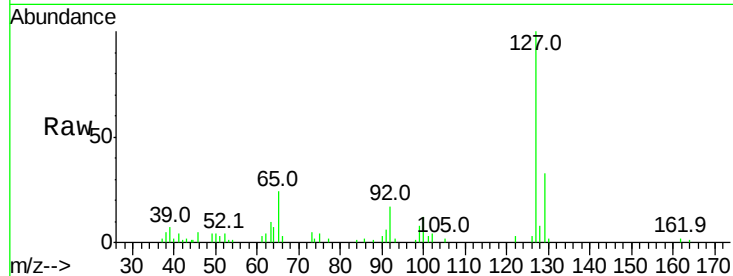




#33
4-Chloroaniline
Concen: 13.70 ng
RT: 9.99 min Scan# 1369
Delta R.T. 0.07 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

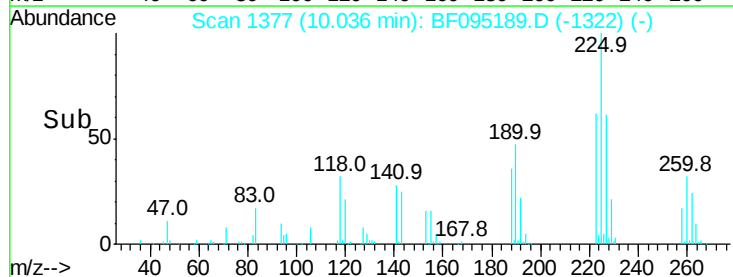
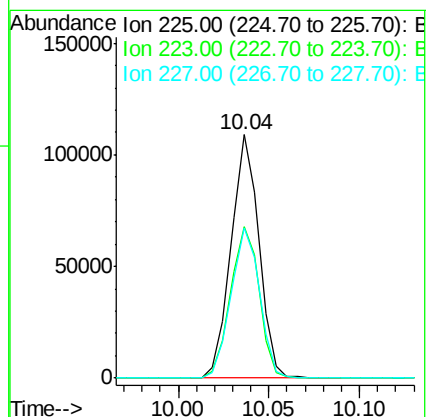
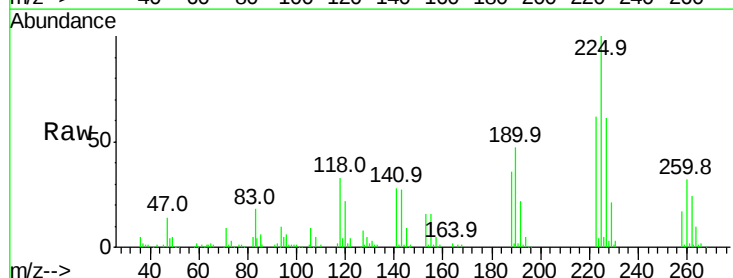
Instrument :
BNA_F
ClientSampled :

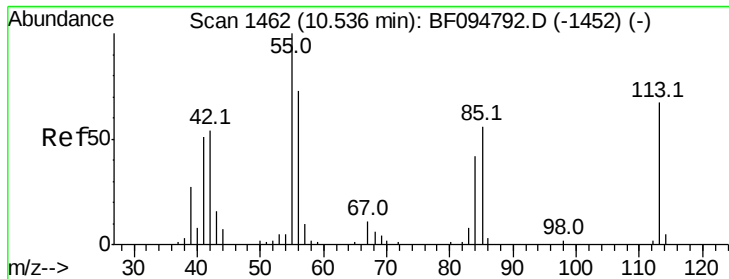
Tot Ion:	127	Resp:	95027
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	24.2	27.8	41.8#
92	17.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 40.77 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:	225	Resp:	116890
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.8	73.2
227	61.5	51.1	76.7





#35

Caprolactam

Concen: 17.03 ng

RT: 10.67 min Scan# 1485

Delta R.T. 0.14 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampled :

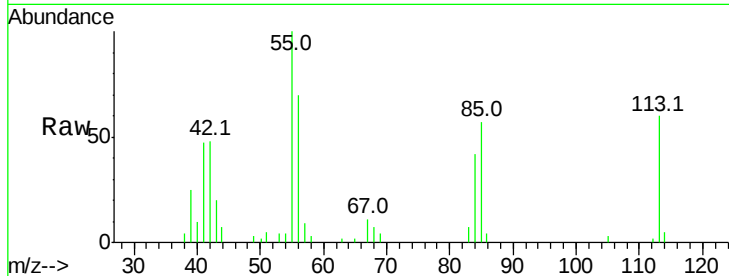
Tot Ion:113 Resp: 25939

Ion Ratio Lower Upper

113 100

55 167.0 150.2 190.2

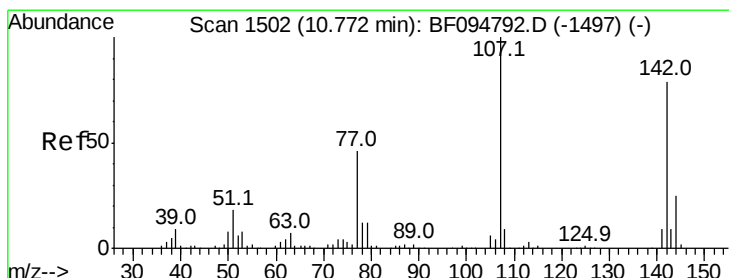
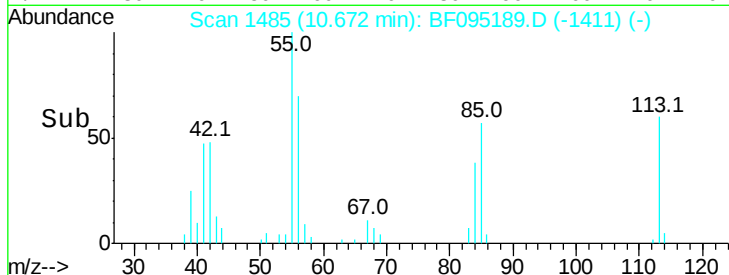
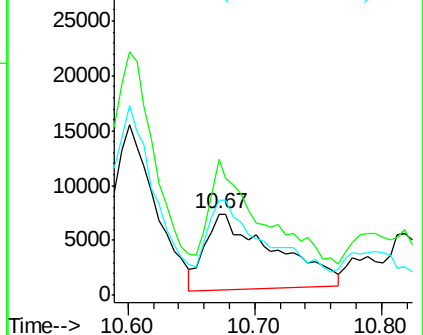
56 117.5 107.8 147.8



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: 46.75 ng

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

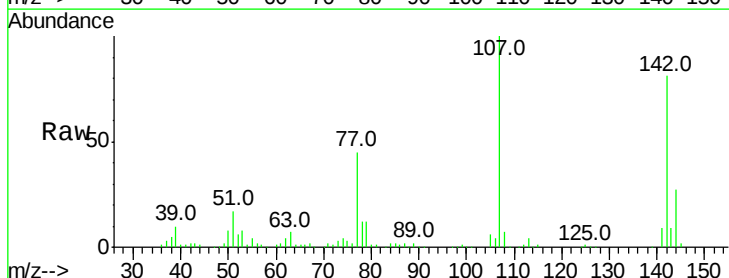
Tgt Ion:107 Resp: 253511

Ion Ratio Lower Upper

107 100

144 26.5 24.2 36.4

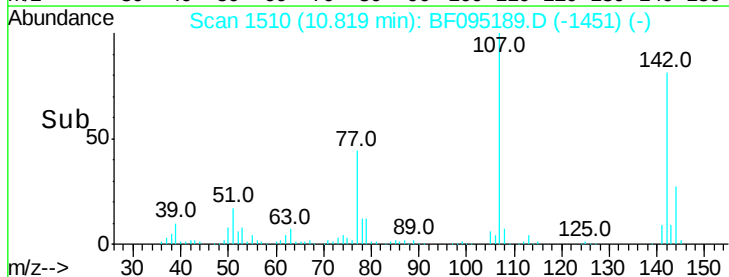
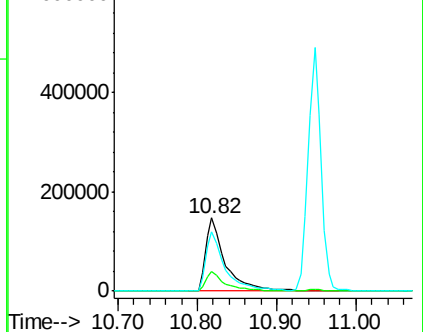
142 81.0 73.4 110.0

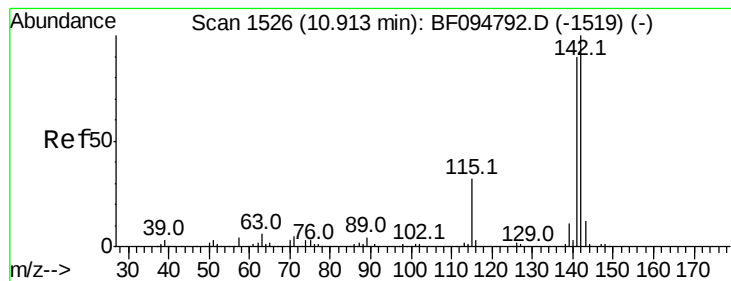


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.30 ng

RT: 10.95 min Scan# 1532

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

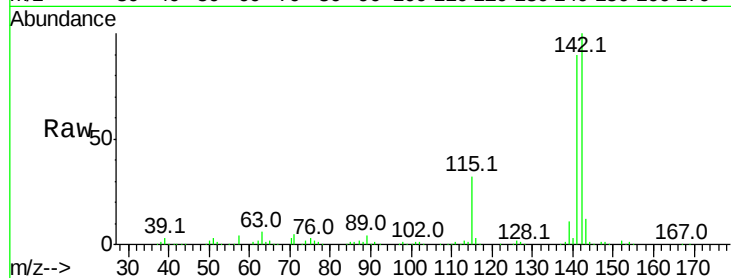
Tot Ion:142 Resp: 553510

Ion Ratio Lower Upper

142 100

141 90.0 71.3 106.9

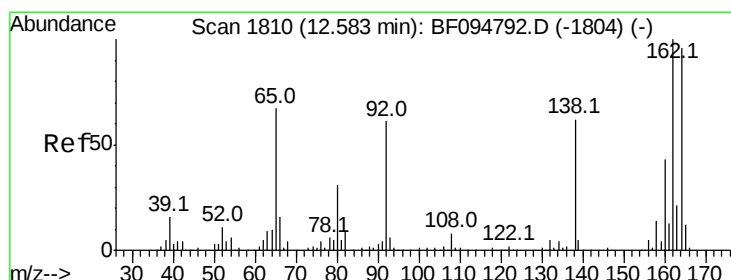
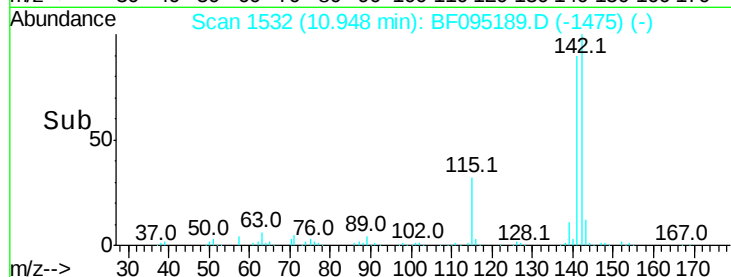
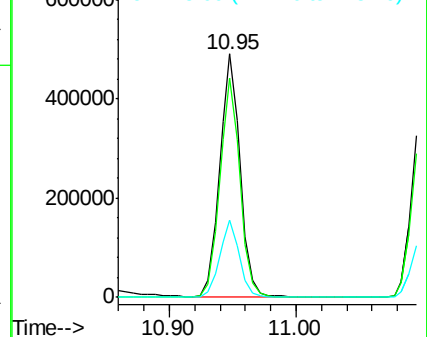
115 31.5 27.1 40.7



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: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

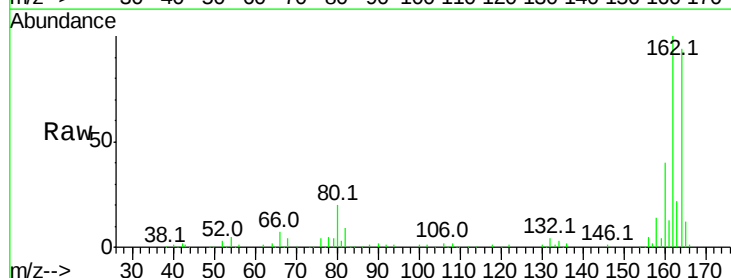
Tgt Ion:164 Resp: 170979

Ion Ratio Lower Upper

164 100

162 105.9 82.6 123.8

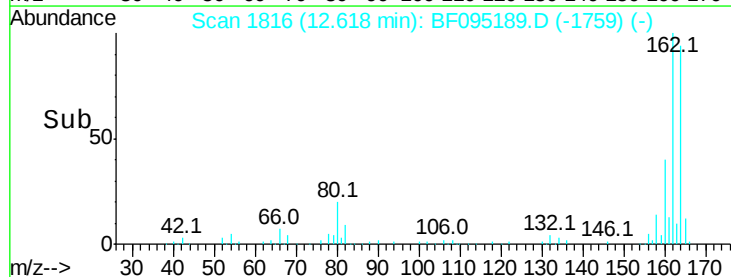
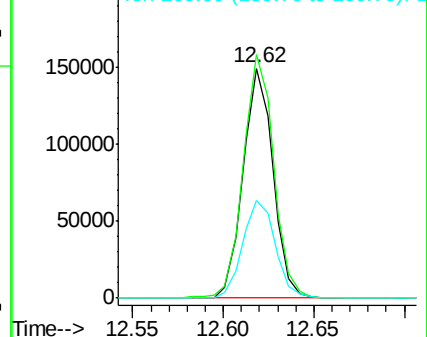
160 42.5 36.2 54.2



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

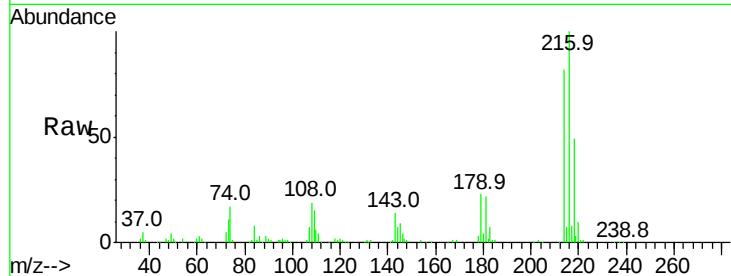




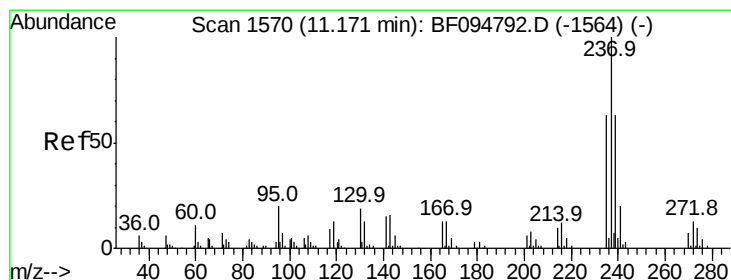
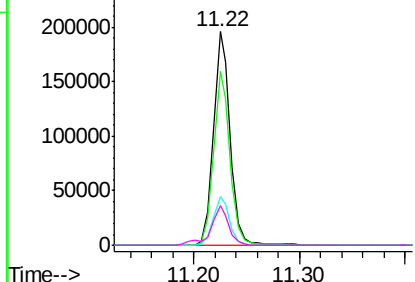
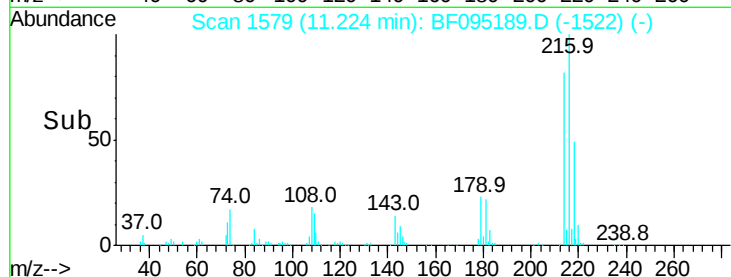
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.81 ng
 RT: 11.22 min Scan# 1579
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	219824
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.2
179	22.2	17.9	26.9
108	20.0	16.5	24.7

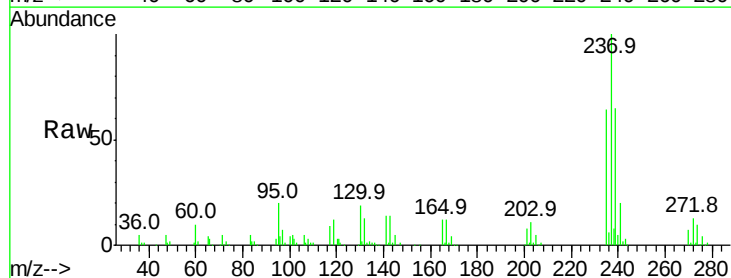


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

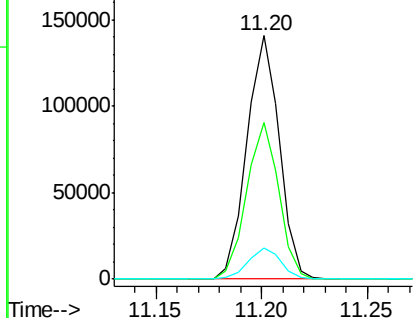
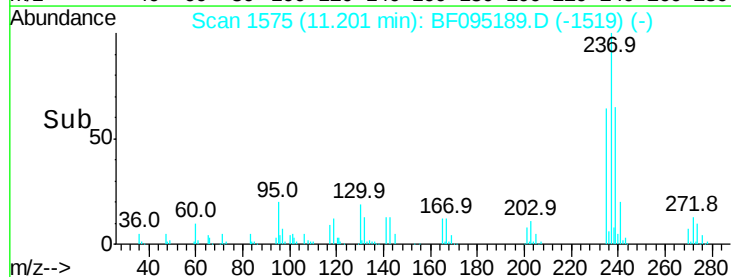


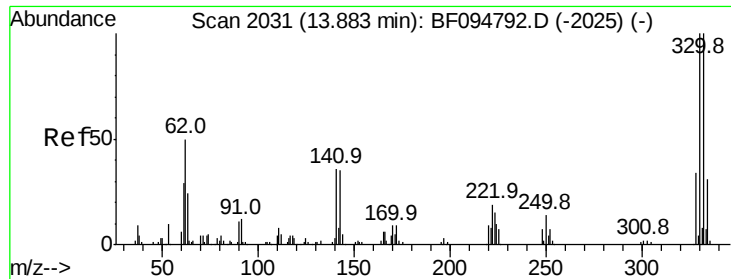
#40
 Hexachlorocyclopentadiene
 Concen: 68.90 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. 0.03 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:	237	Resp:	150303
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.6	82.6
272	13.0	0.0	31.9



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

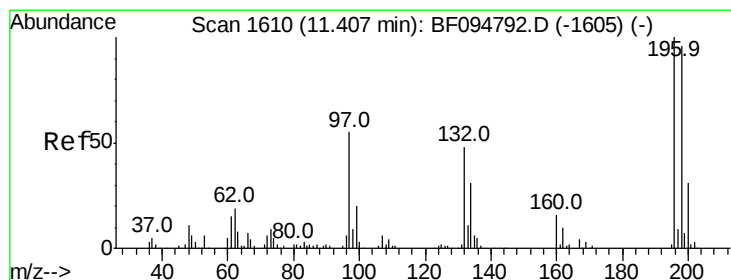
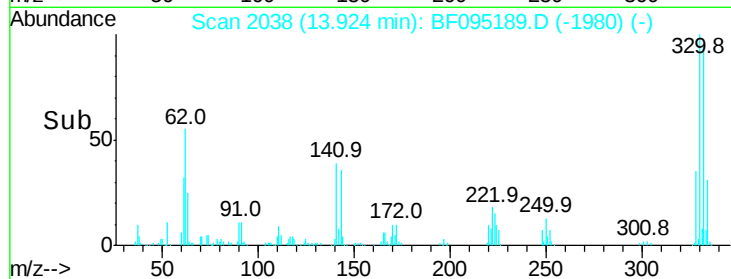
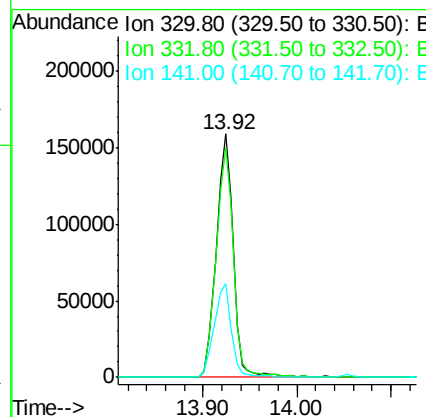
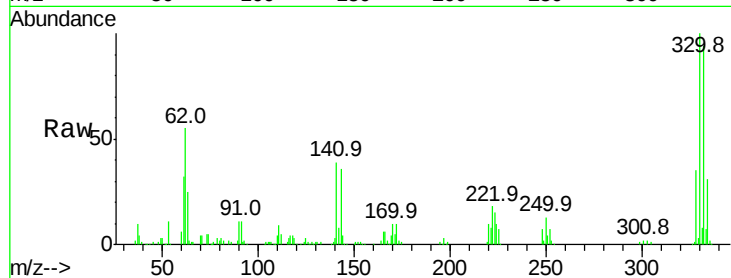




#41
 2,4,6-Tribromophenol
 Concen: 145.85 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

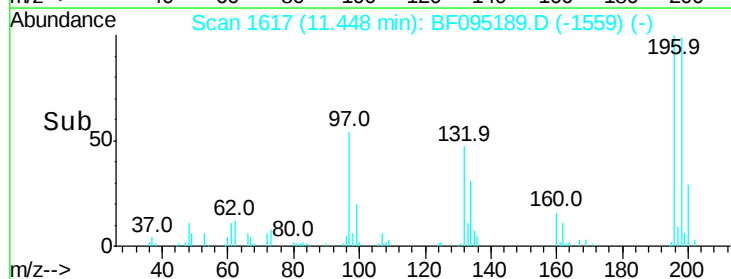
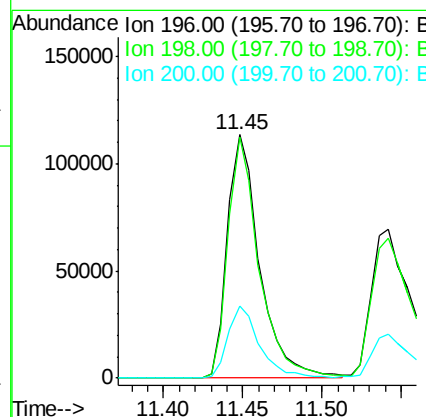
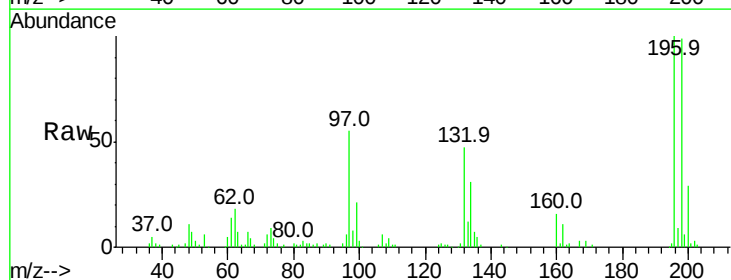
Instrument :
 BNA_F
 ClientSampleId :

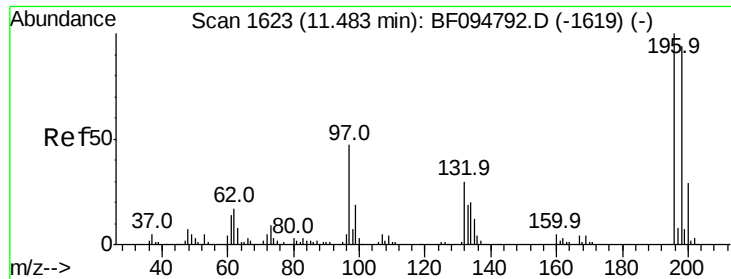
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	39.1	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 45.71 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.2	111.4
200	29.5	24.0	36.0

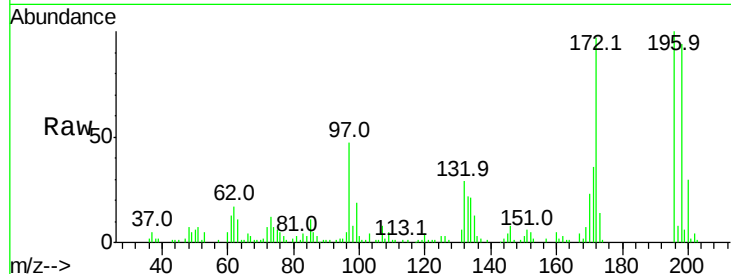




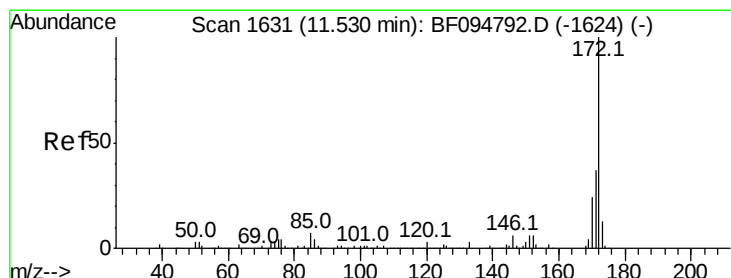
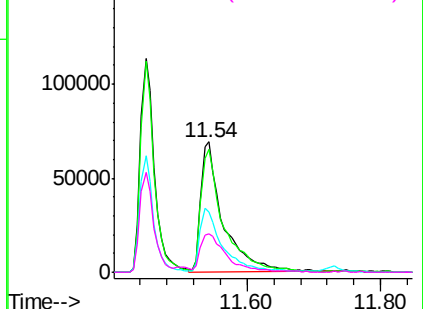
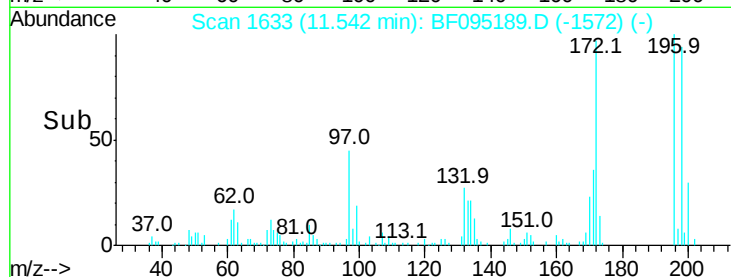
#43
2,4,5-Trichlorophenol
Concen: 41.82 ng
RT: 11.54 min Scan# 1633
Delta R.T. 0.06 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 157813
Ion Ratio Lower Upper
196 100
198 94.4 75.7 113.5
97 46.7 47.7 71.5#
132 29.5 28.0 42.0

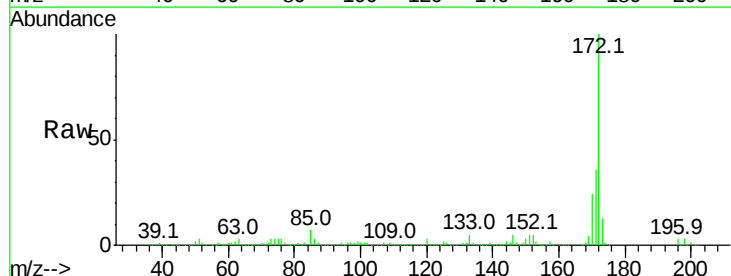


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

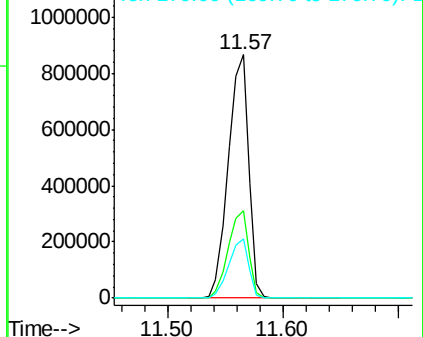
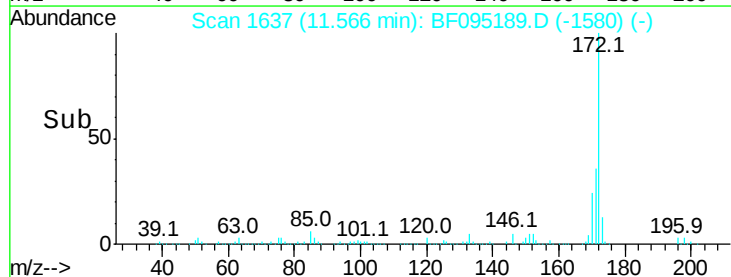


#44
2-Fluorobiphenyl
Concen: 89.50 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:172 Resp: 1063203
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.2 19.8 29.8



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

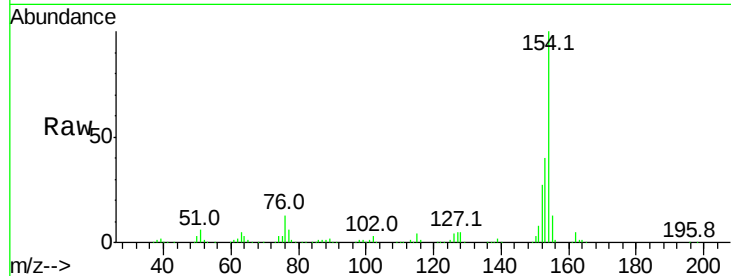




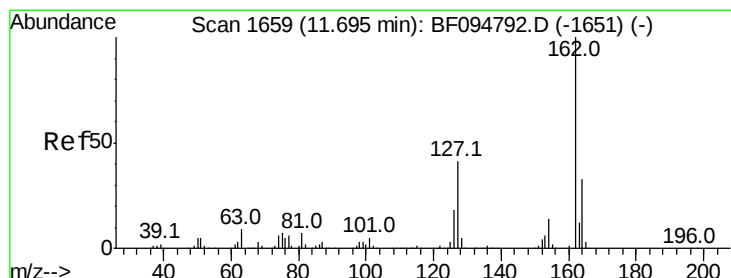
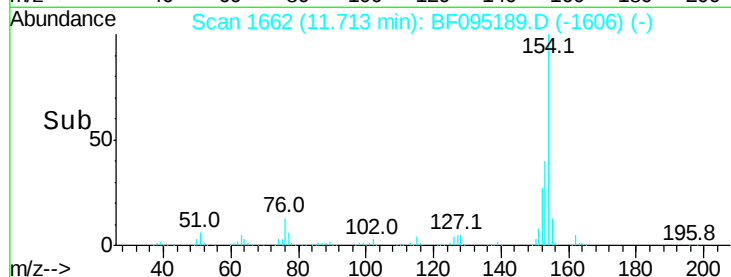
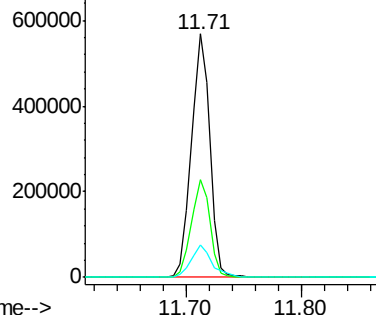
#45
 1,1'-Biphenyl
 Concen: 43.93 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.03 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.2	0.0	29.9

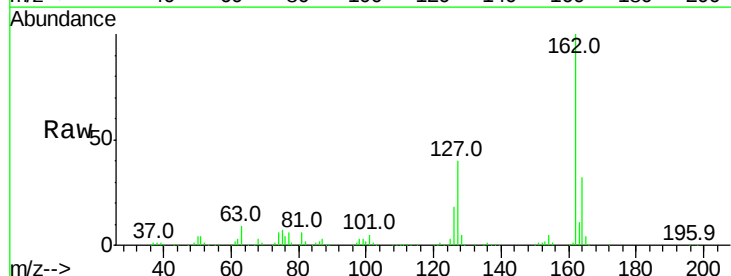


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

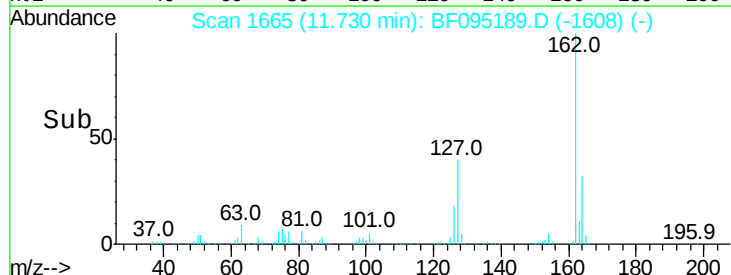
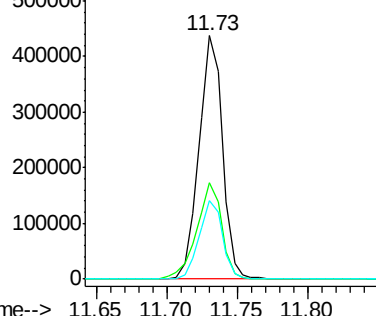


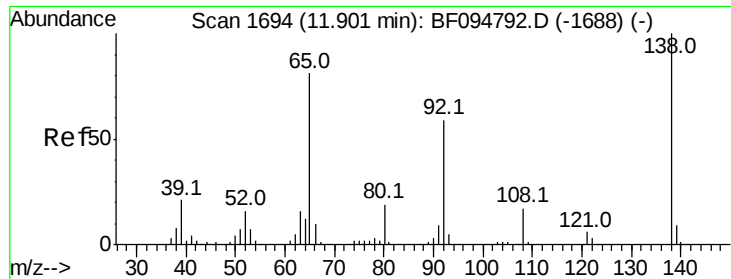
#46
 2-Chloronaphthalene
 Concen: 43.68 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	28.3	42.5
164	32.0	27.0	40.4



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

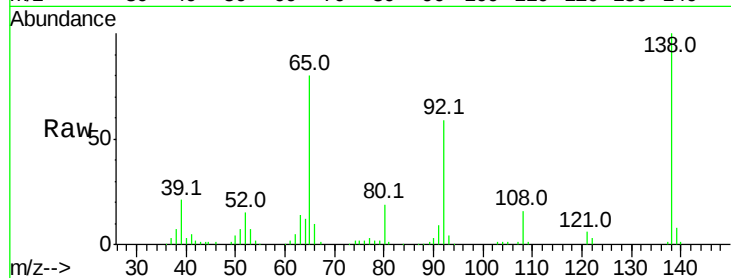




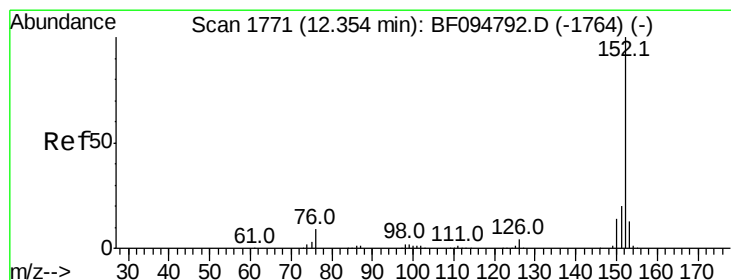
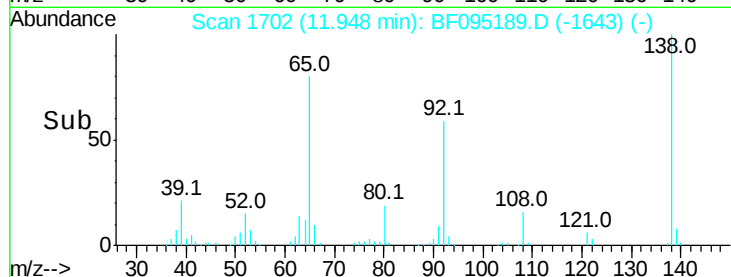
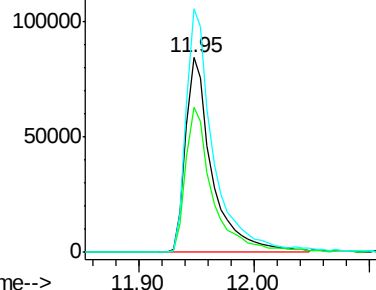
#47
2-Nitroaniline
Concen: 42.59 ng
RT: 11.95 min Scan# 1702
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 135513
Ion Ratio Lower Upper
65 100
92 74.3 53.9 80.9
138 125.1 78.8 118.2#

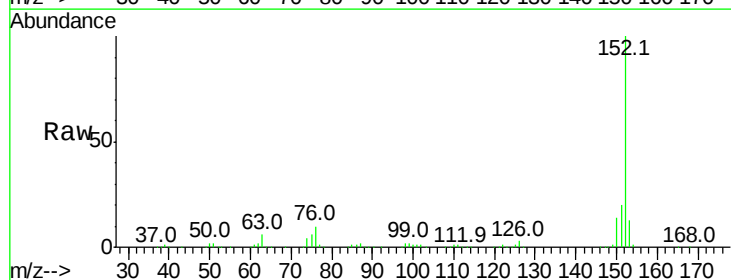


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

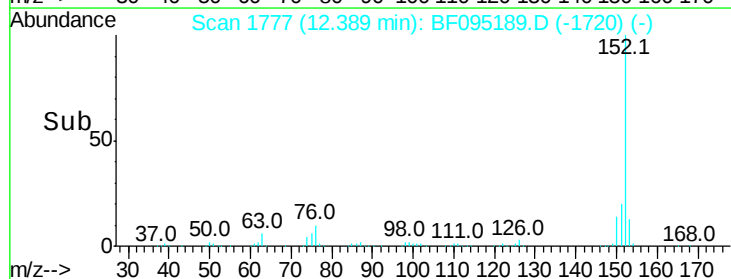
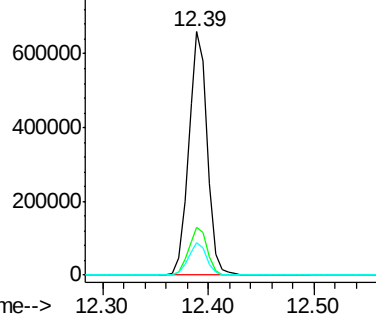


#48
Acenaphthylene
Concen: 44.63 ng
RT: 12.39 min Scan# 1777
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:152 Resp: 812500
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.12 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampled :

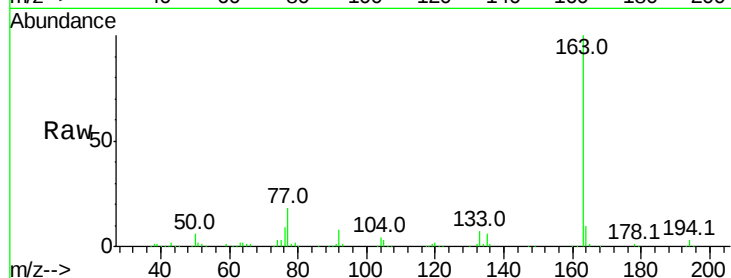
Tot Ion:163 Resp: 591156

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

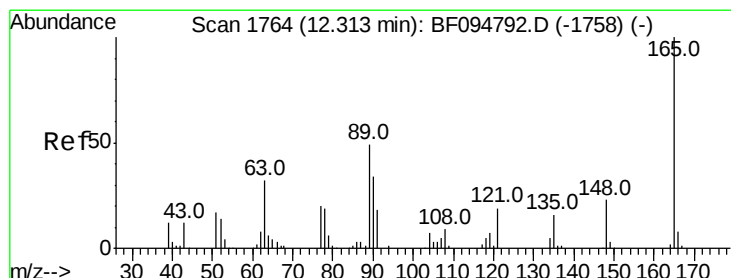
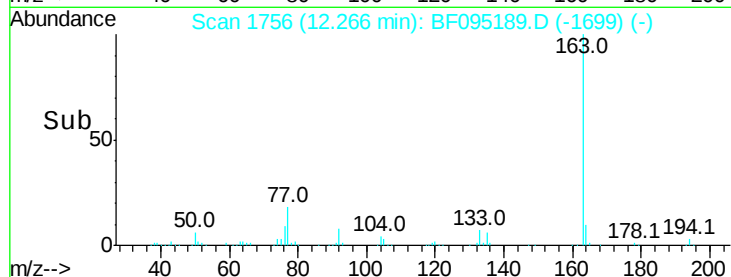
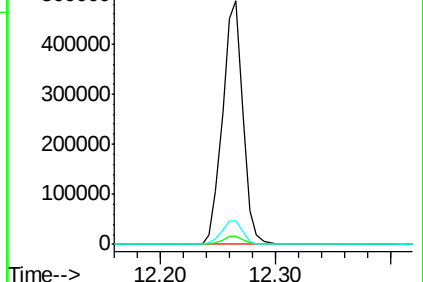
164 9.6 8.4 12.6



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: 47.23 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.05 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

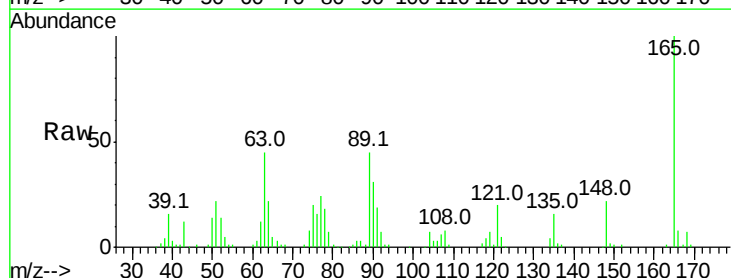
Tgt Ion:165 Resp: 135246

Ion Ratio Lower Upper

165 100

63 45.5 34.3 51.5

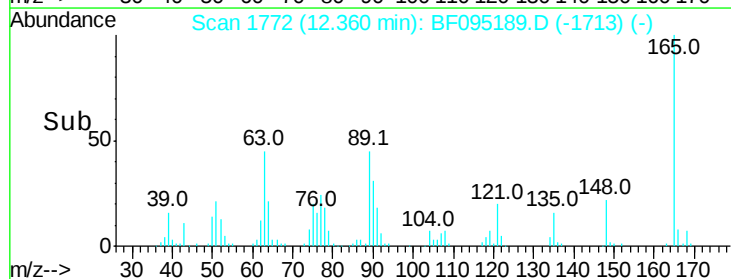
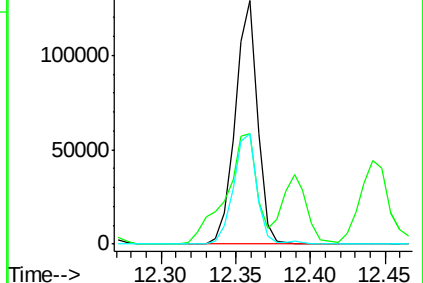
89 45.2 37.1 55.7



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: 44.10 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

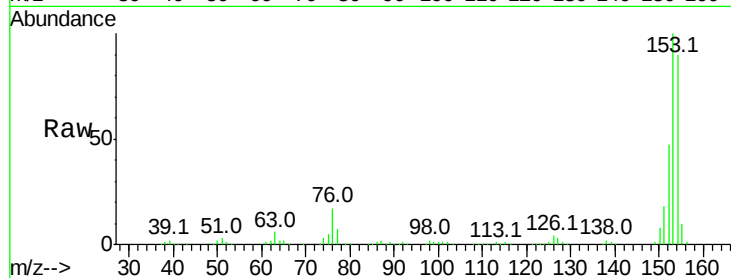
Tot Ion:154 Resp: 479605

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

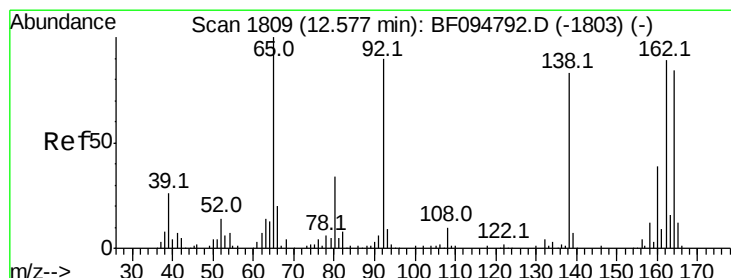
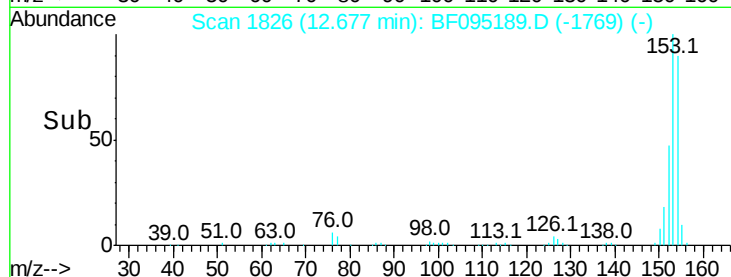
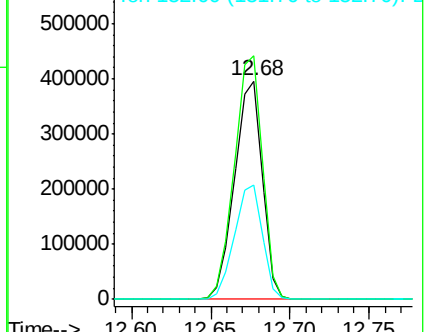
152 52.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.76 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

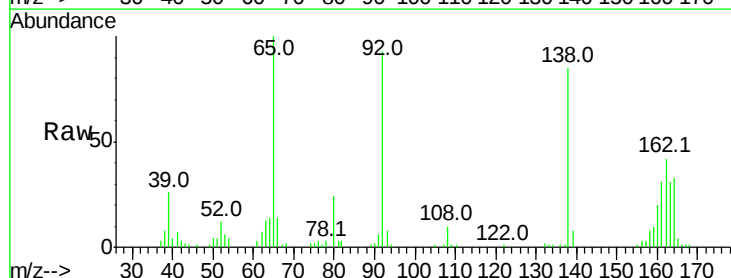
Tgt Ion:138 Resp: 66888

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

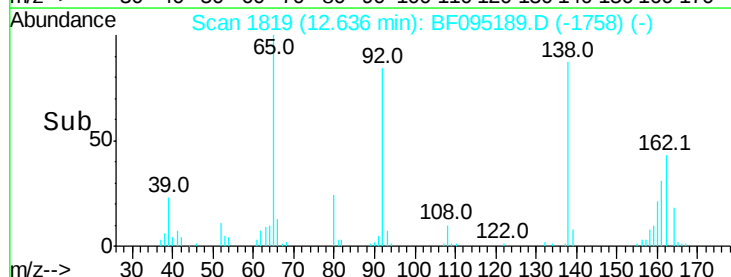
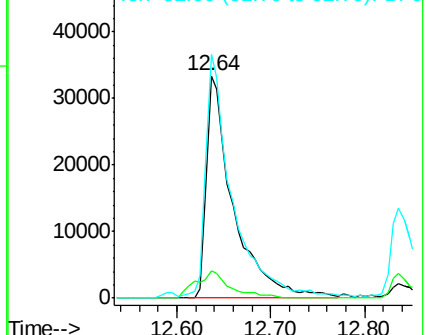
92 109.7 93.8 140.6

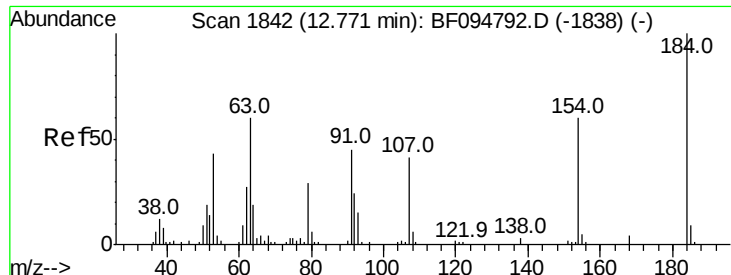


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

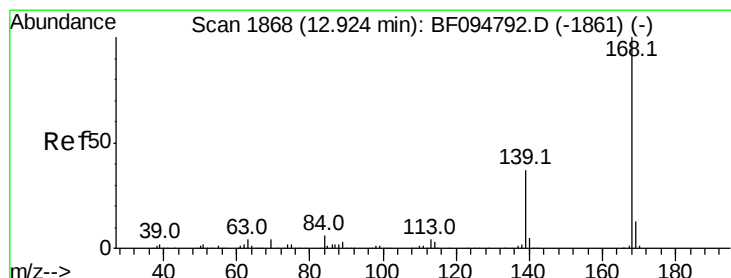
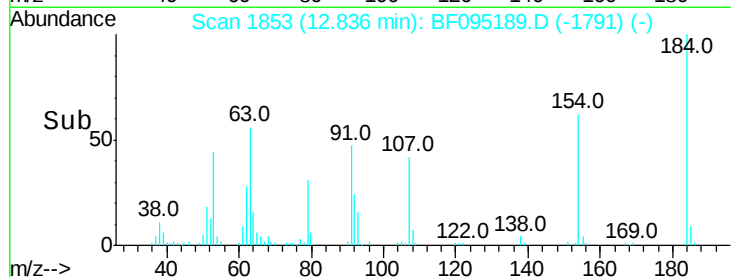
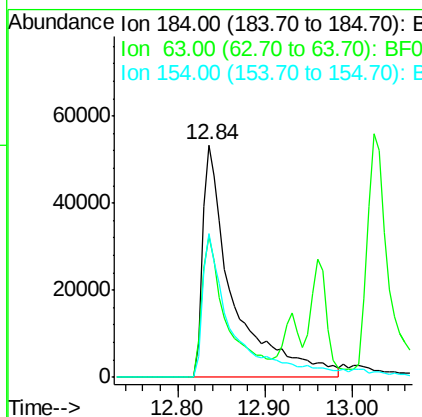
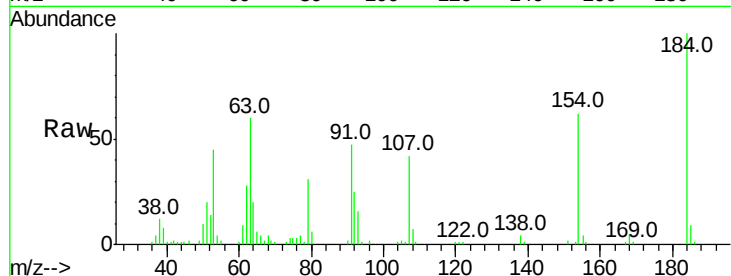




#53
 2,4-Dinitrophenol
 Concen: 81.44 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. 0.06 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

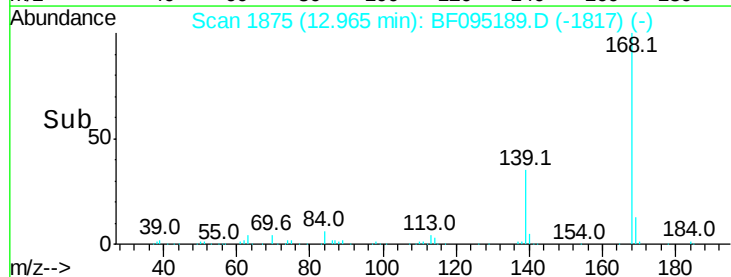
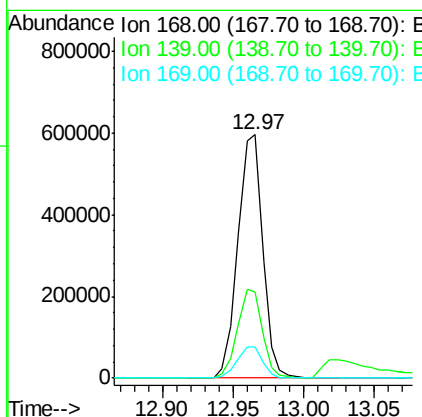
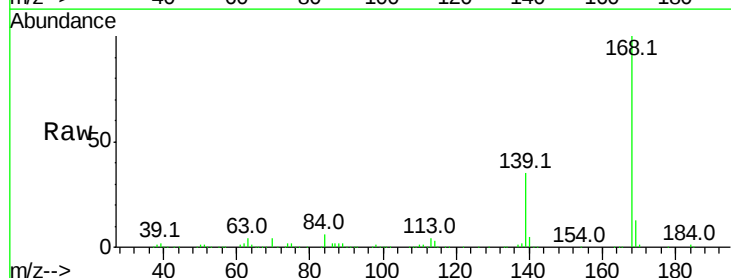
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 128648
 Ion Ratio Lower Upper
 184 100
 63 60.5 62.7 94.1#
 154 61.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.84 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:168 Resp: 734892
 Ion Ratio Lower Upper
 168 100
 139 35.3 30.6 45.8
 169 12.8 10.8 16.2

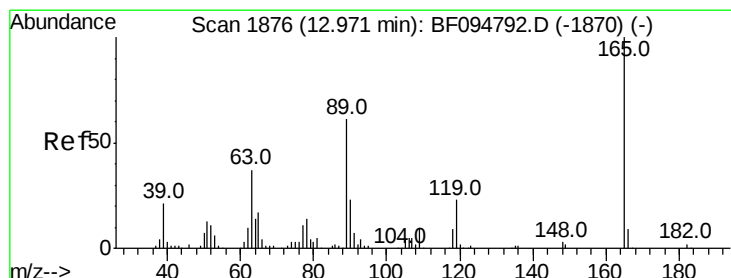
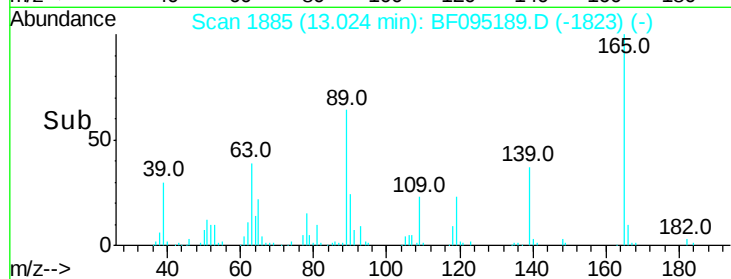
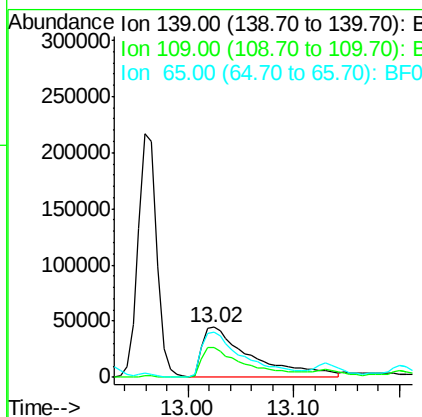
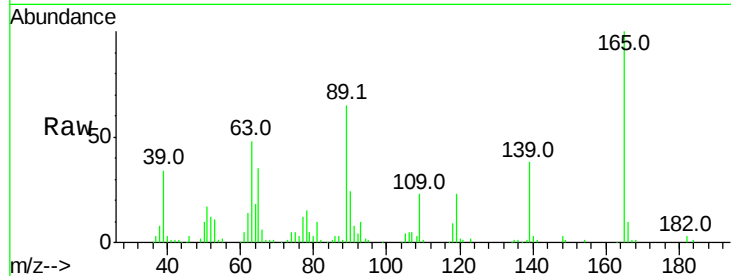




#55
 4-Nitrophenol
 Concen: 74.48 ng
 RT: 13.02 min Scan# 1885
 Delta R.T. 0.06 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

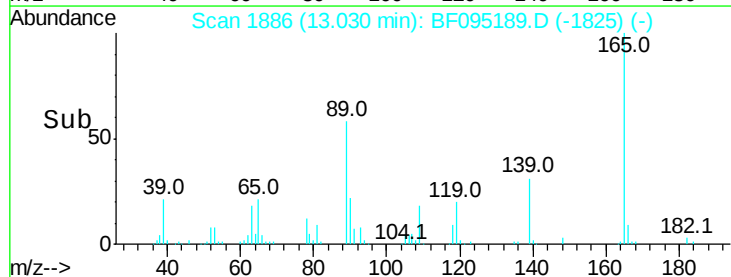
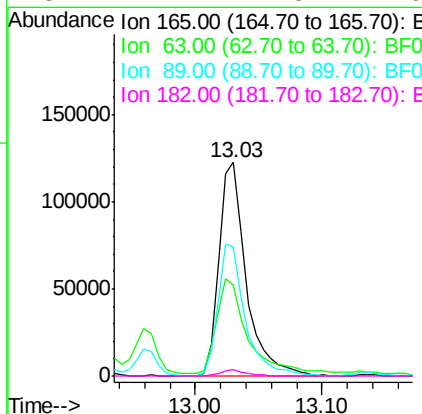
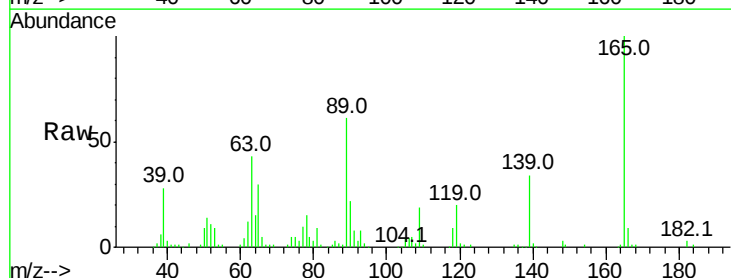
Instrument :
 BNA_F
 ClientSampleId :

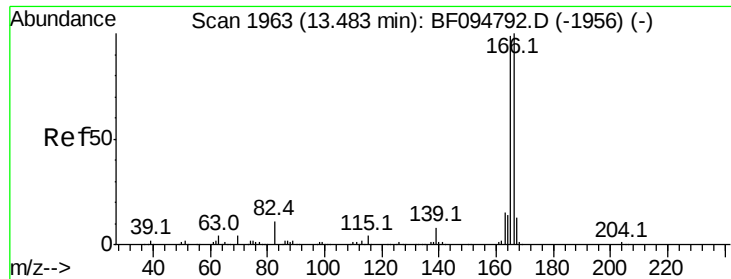
Tot Ion:139 Resp: 137485
 Ion Ratio Lower Upper
 139 100
 109 59.9 34.1 74.1
 65 90.9 31.4 71.4#



#56
 2,4-Dinitrotoluene
 Concen: 49.82 ng
 RT: 13.03 min Scan# 1886
 Delta R.T. 0.06 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:165 Resp: 183323
 Ion Ratio Lower Upper
 165 100
 63 42.6 25.4 38.0#
 89 60.8 46.4 69.6
 182 2.7 1.8 2.6#

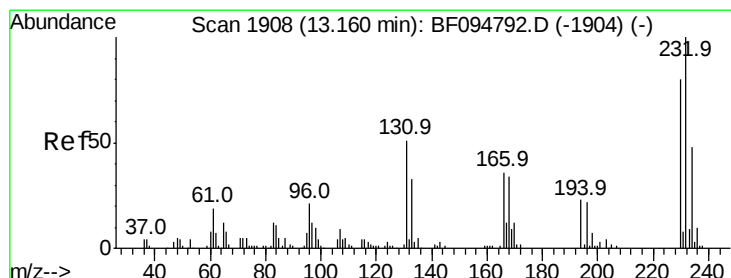
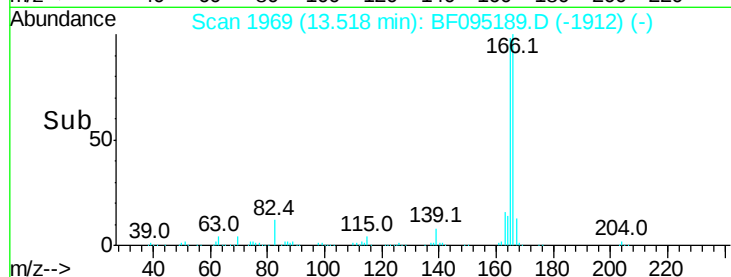
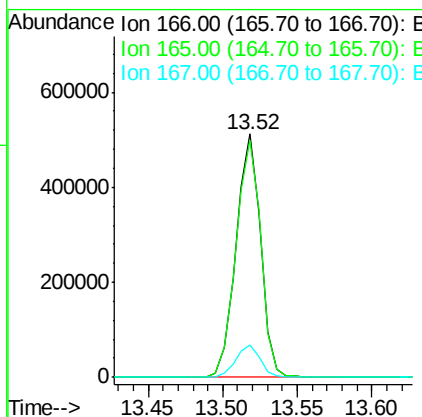
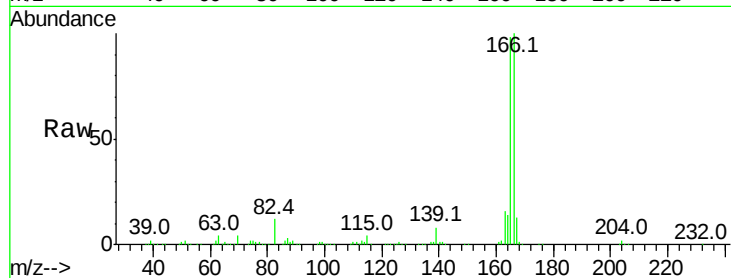




#57
Fluorene
 Concen: 44.95 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

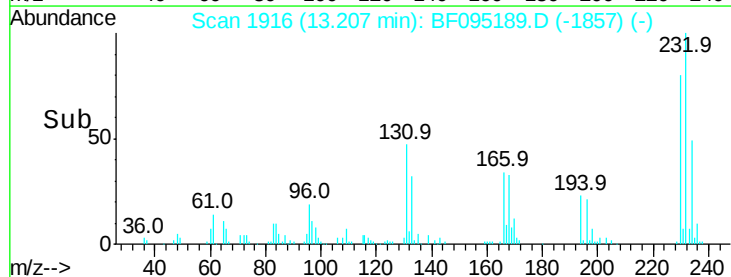
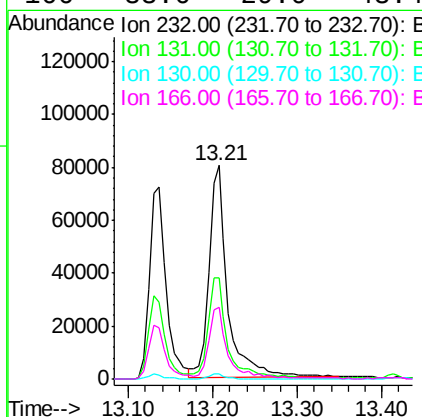
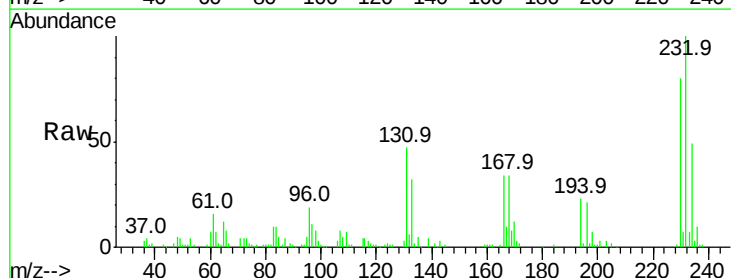
Instrument :
 BNA_F
 ClientSampleId :

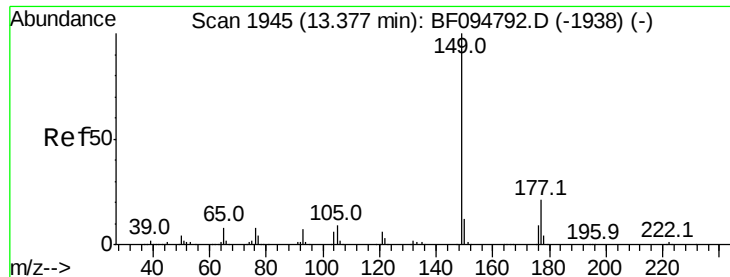
Tot Ion:166 Resp: 588230
 Ion Ratio Lower Upper
 166 100
 165 97.5 78.8 118.2
 167 13.1 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.69 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:232 Resp: 125134
 Ion Ratio Lower Upper
 232 100
 131 48.1 44.8 67.2
 130 2.1 2.3 3.5#
 166 33.6 29.0 43.4

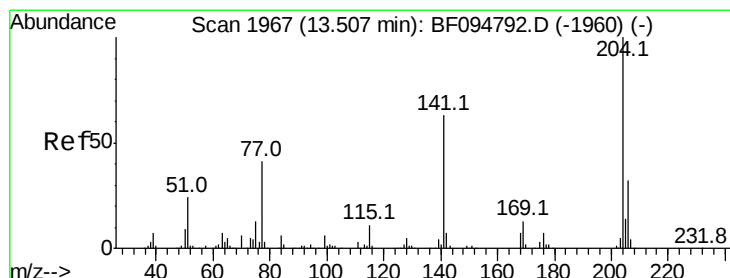
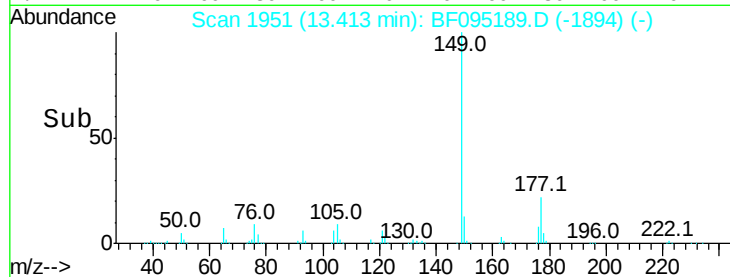
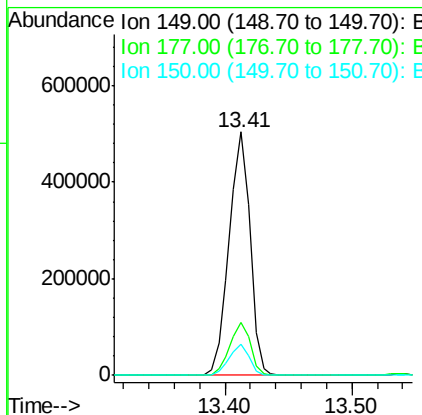
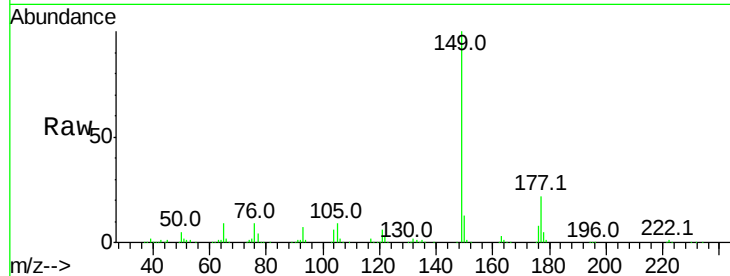




#59
Diethylphthalate
Concen: 42.76 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

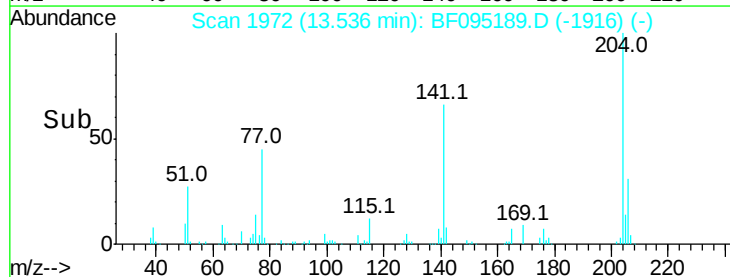
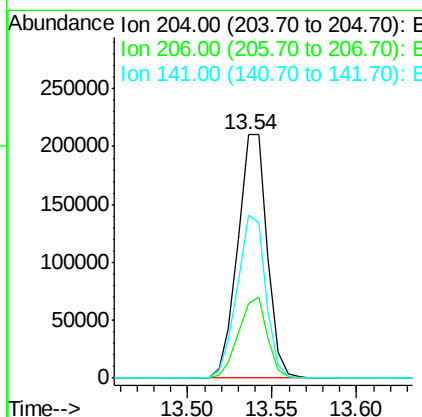
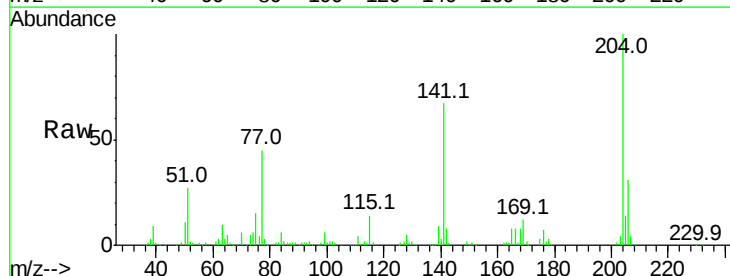
Instrument :
BNA_F
ClientSampleId :

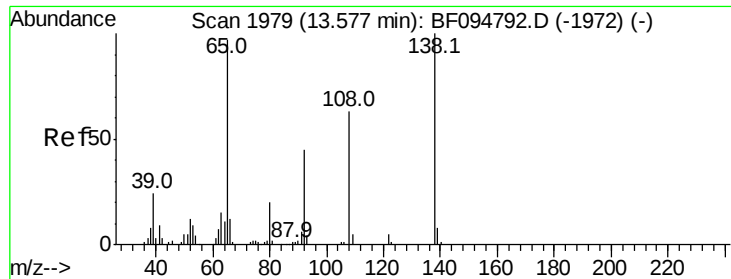
Tot Ion:149 Resp: 575269
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.49 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:204 Resp: 255864
Ion Ratio Lower Upper
204 100
206 30.8 26.2 39.2
141 66.9 60.8 91.2

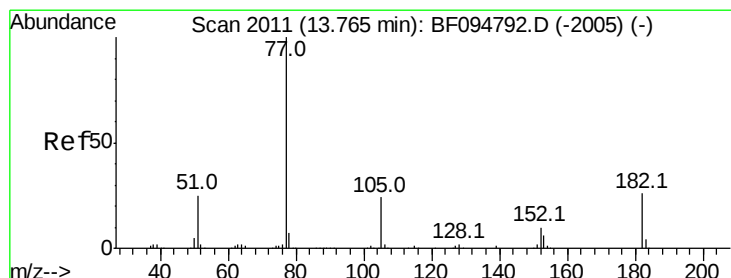
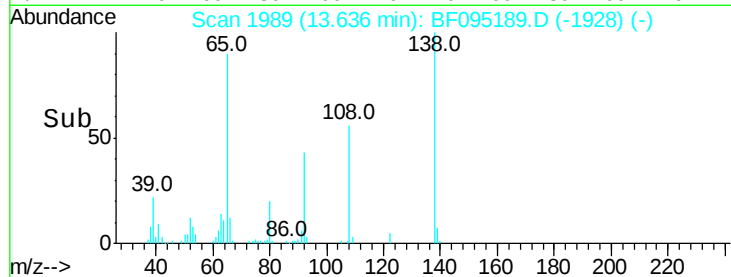
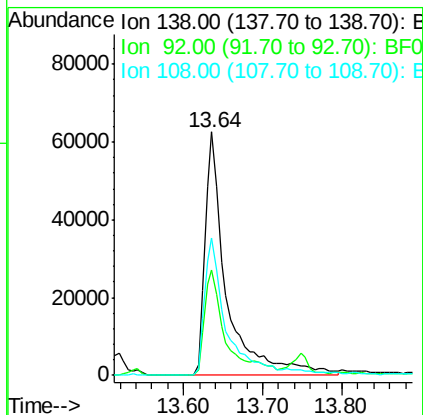
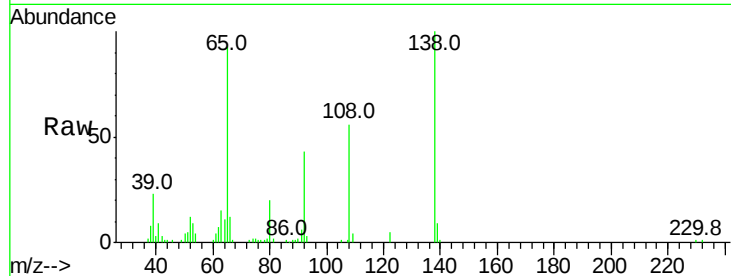




#61
4-Nitroaniline
Concen: 41.89 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

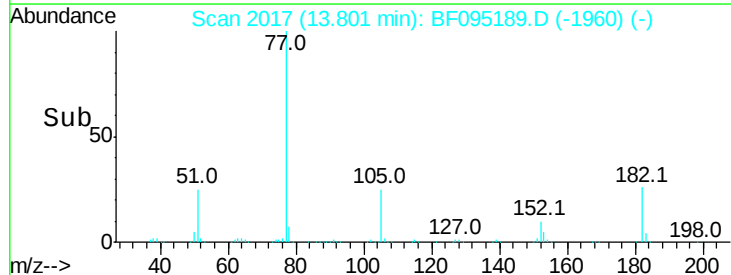
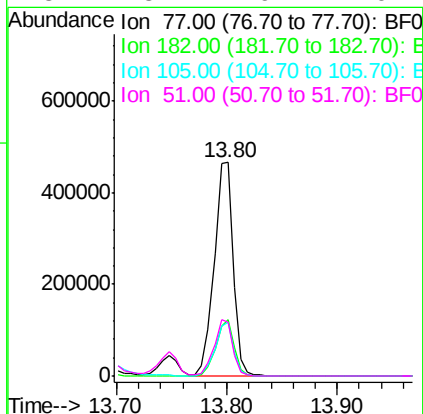
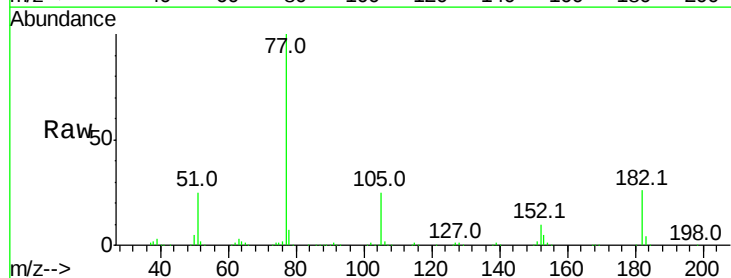
Instrument :
BNA_F
ClientSampleId :

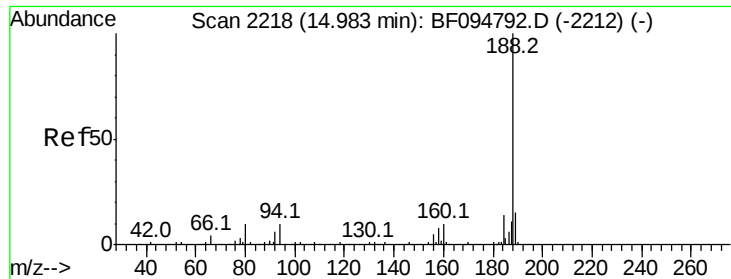
Tot Ion:138 Resp: 118203
Ion Ratio Lower Upper
138 100
92 43.3 21.8 61.8
108 56.4 42.3 82.3



#62
Azobenzene
Concen: 51.17 ng
RT: 13.80 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion: 77 Resp: 553186
Ion Ratio Lower Upper
77 100
182 26.3 0.1 40.1
105 25.3 3.6 43.6
51 25.4 9.4 49.4

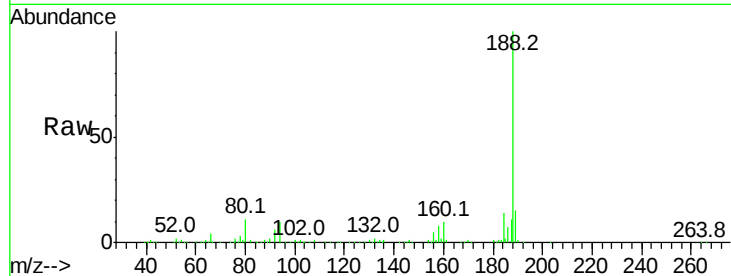




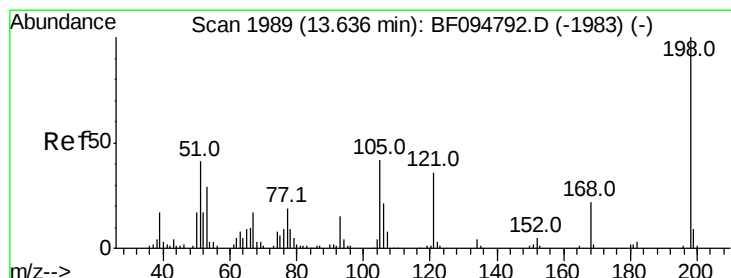
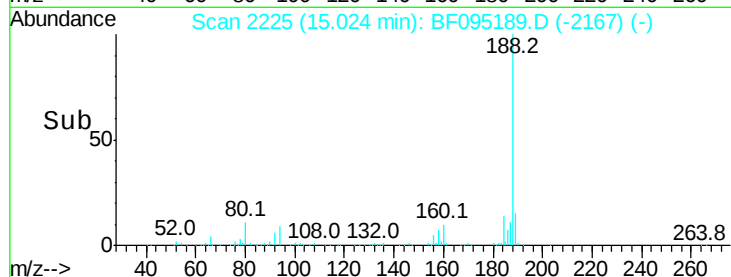
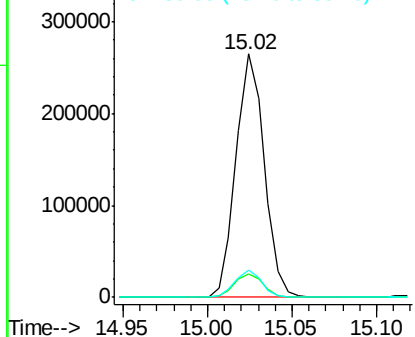
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 310317
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 11.3 10.2 15.2

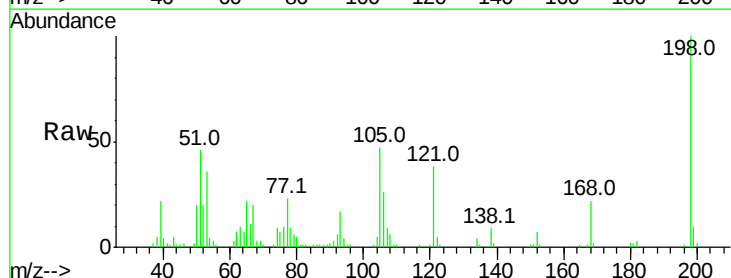


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

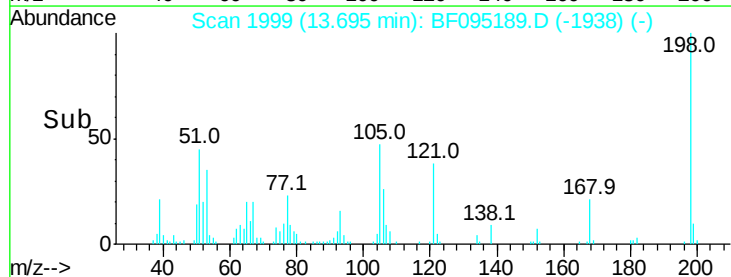
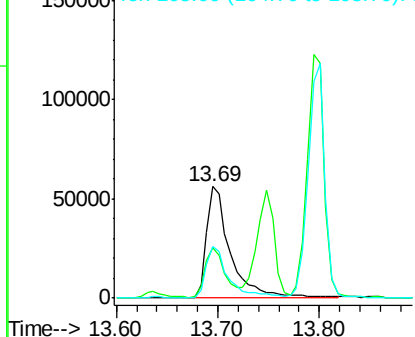


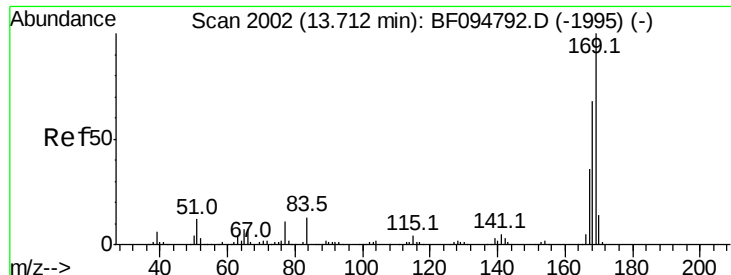
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.50 ng
 RT: 13.69 min Scan# 1999
 Delta R.T. 0.06 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:198 Resp: 92564
 Ion Ratio Lower Upper
 198 100
 51 45.7 53.2 93.2#
 105 46.9 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

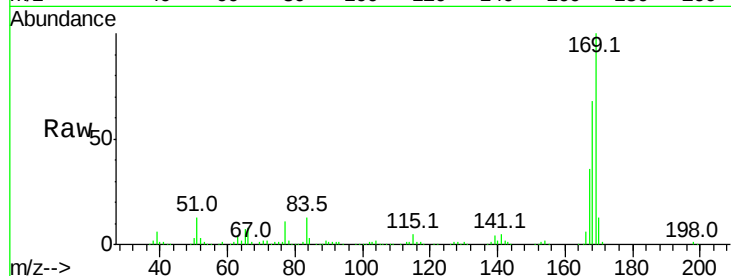




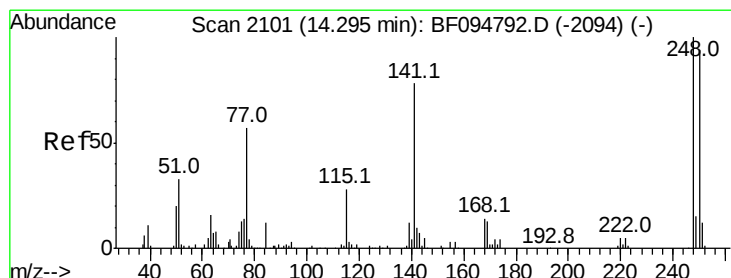
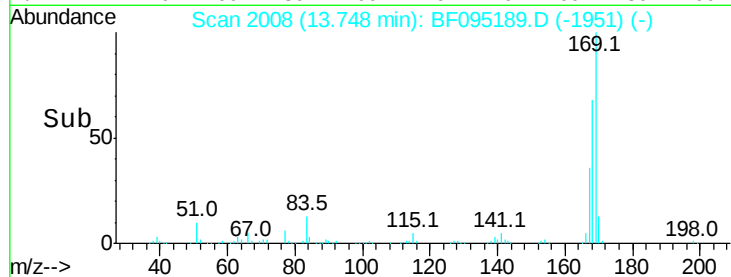
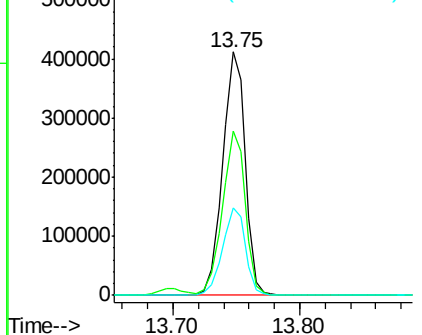
#65
n-Nitrosodiphenylamine
Concen: 44.87 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 505358
Ion Ratio Lower Upper
169 100
168 67.6 53.2 79.8
167 36.1 29.5 44.3

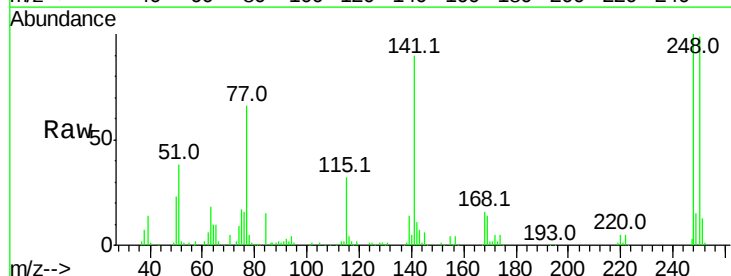


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

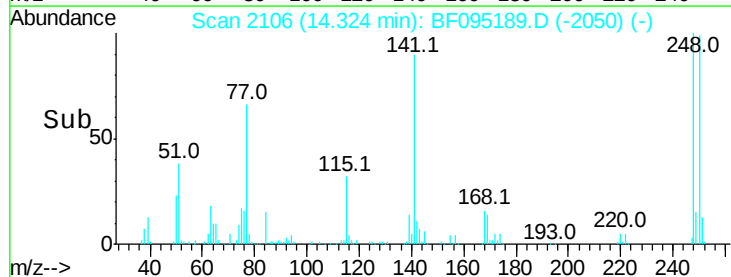
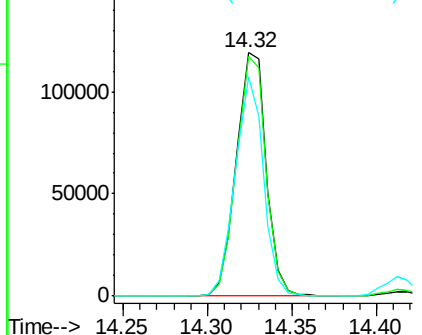


#66
4-Bromophenyl-phenylether
Concen: 44.80 ng
RT: 14.32 min Scan# 2106
Delta R.T. 0.03 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:248 Resp: 146887
Ion Ratio Lower Upper
248 100
250 98.7 76.8 115.2
141 90.3 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: 43.64 ng

RT: 14.41 min Scan# 2121

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

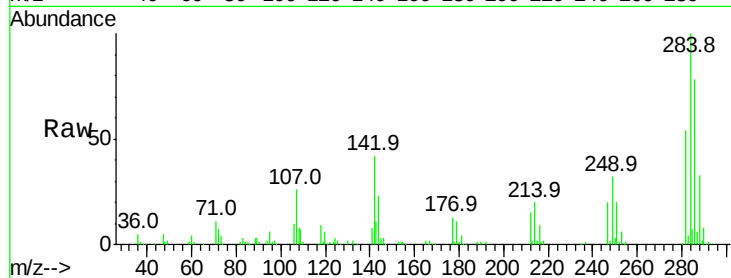
Tot Ion:284 Resp: 146635

Ion Ratio Lower Upper

284 100

142 41.5 22.8 34.2#

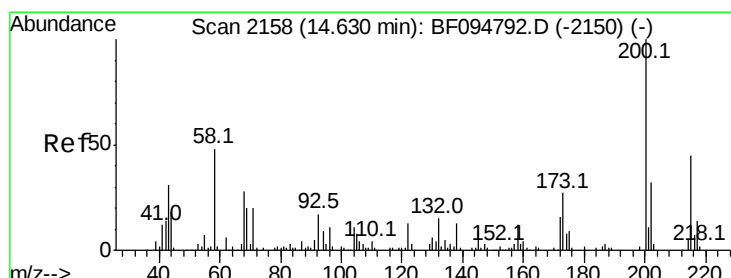
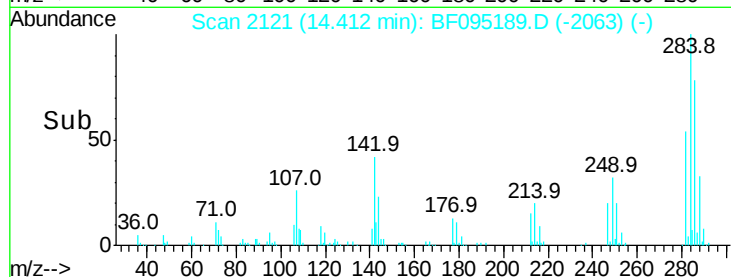
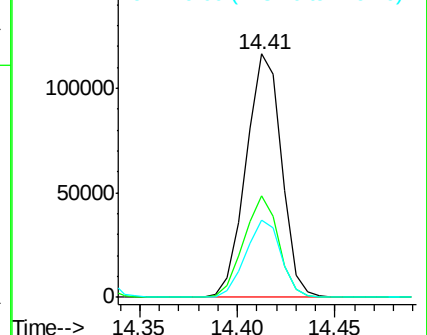
249 32.0 24.0 36.0



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: 48.49 ng

RT: 14.67 min Scan# 2165

Delta R.T. 0.04 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

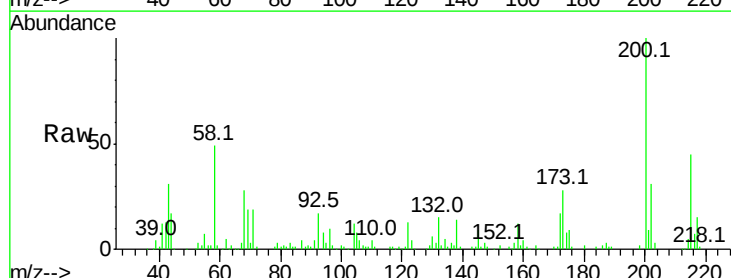
Tgt Ion:200 Resp: 154208

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

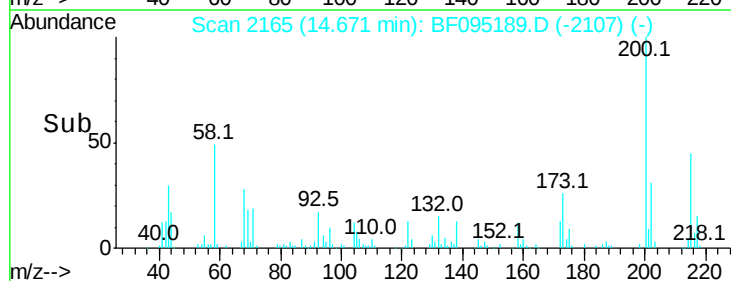
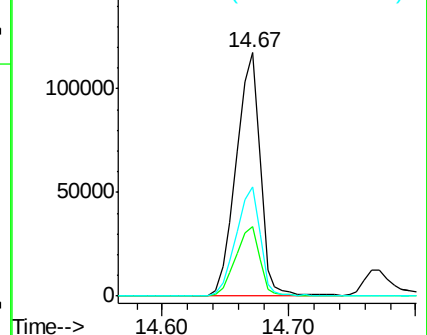
215 45.0 27.2 67.2

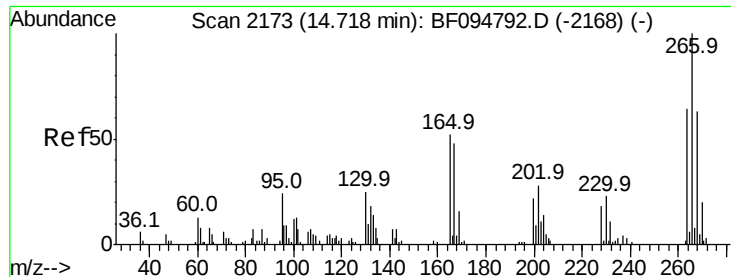


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

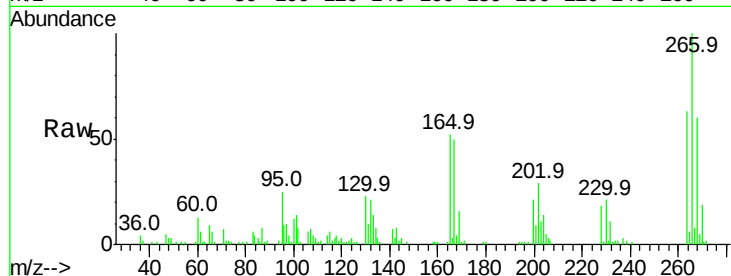




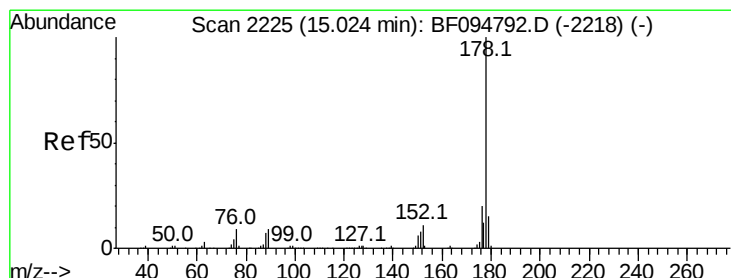
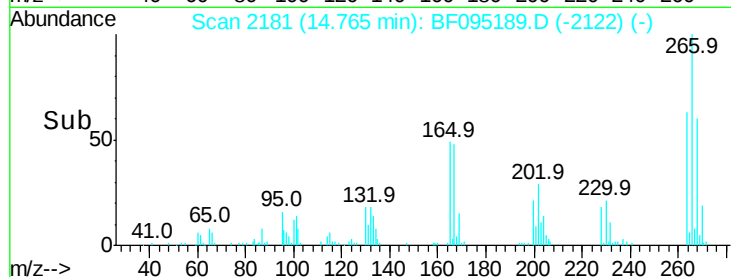
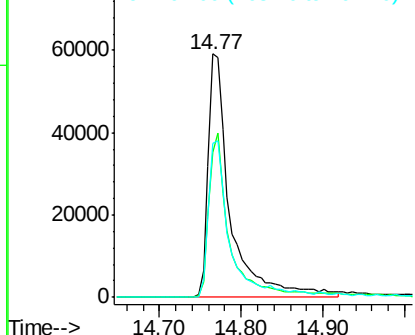
#69
 Pentachlorophenol
 Concen: 74.41 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. 0.05 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.6	51.1	76.7
264	63.0	51.7	77.5

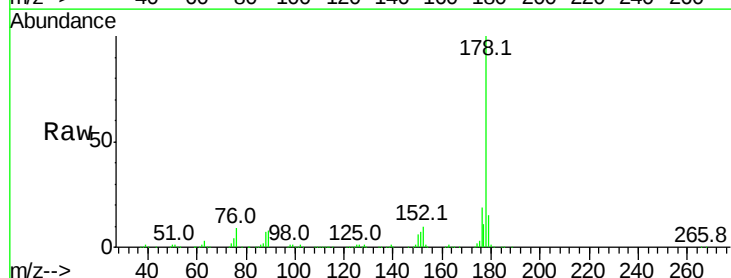


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

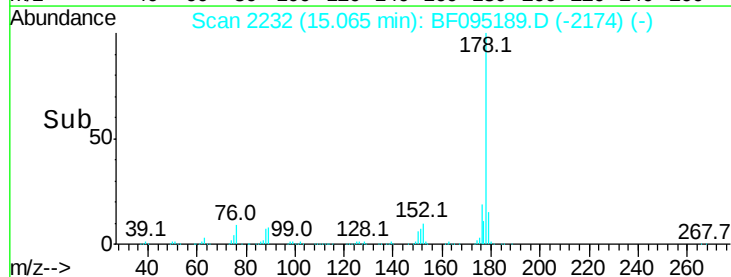
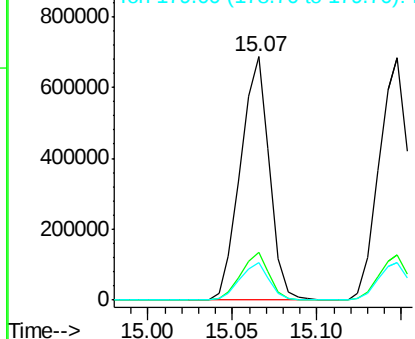


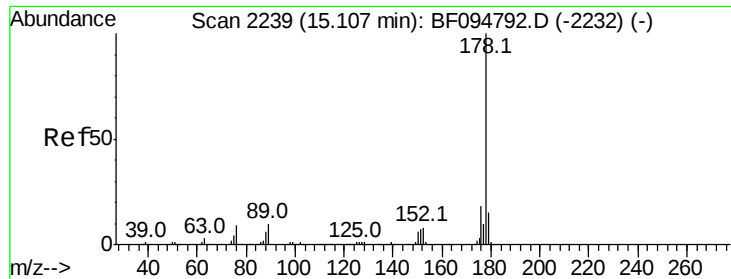
#70
 Phenanthrene
 Concen: 46.00 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.3	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

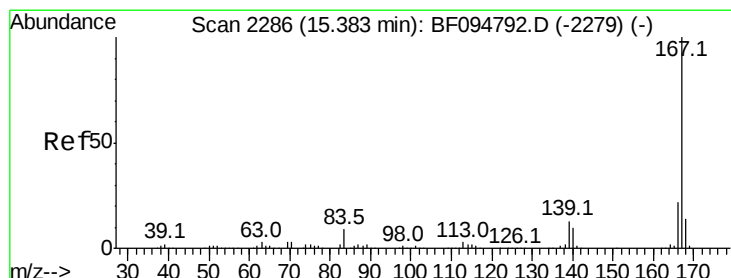
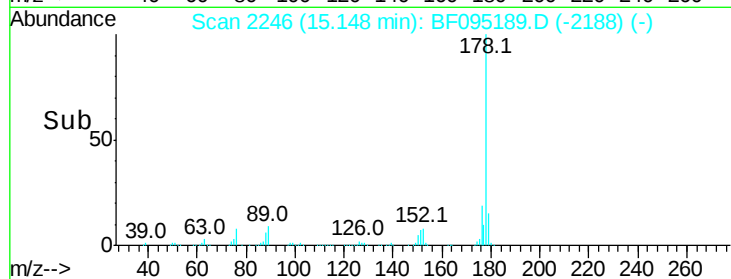
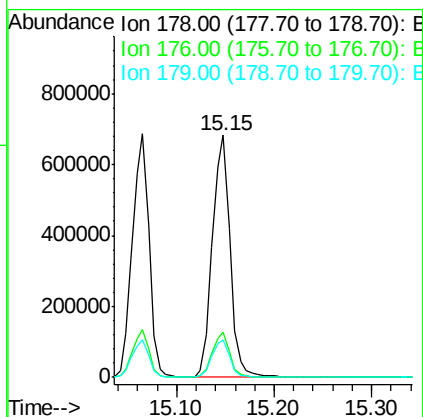
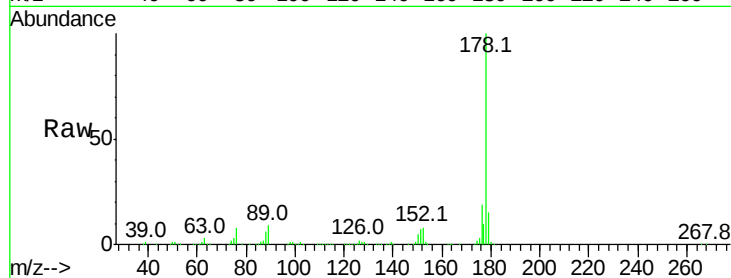




#71
 Anthracene
 Concen: 47.21 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

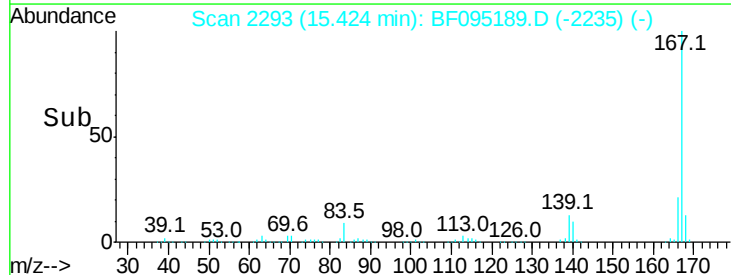
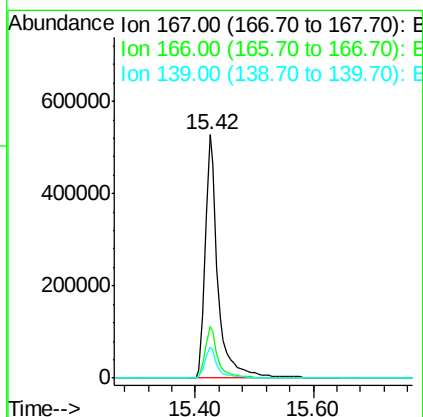
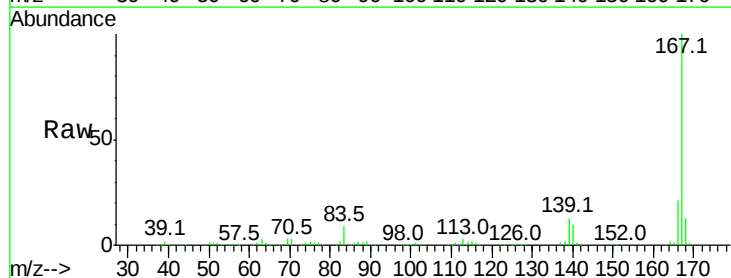
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 859895
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 47.80 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:167 Resp: 792140
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 12.7 11.7 17.5

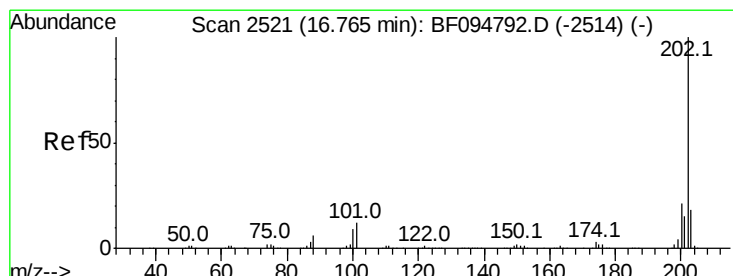
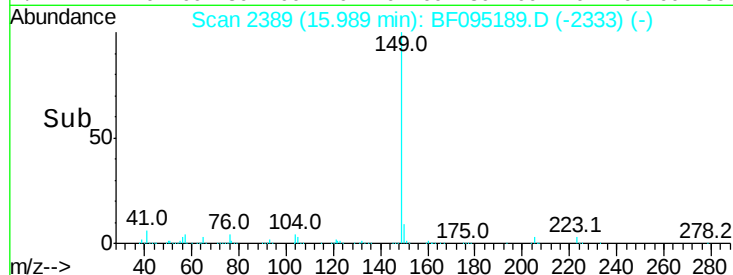
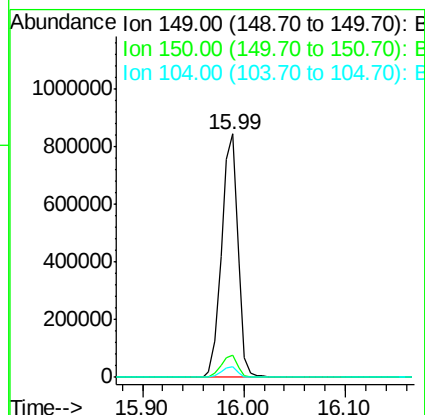
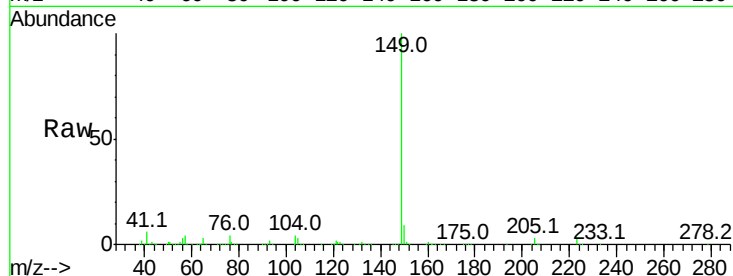




#73
Di-n-butylphthalate
Concen: 45.36 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

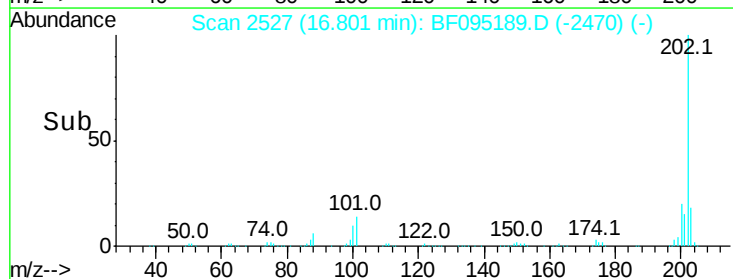
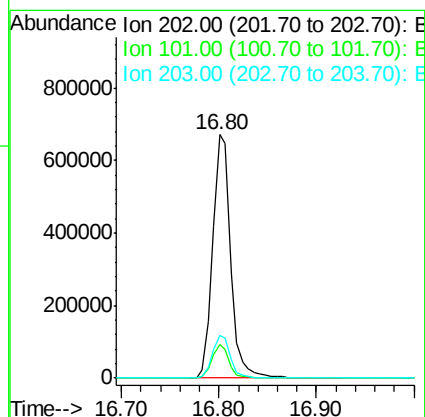
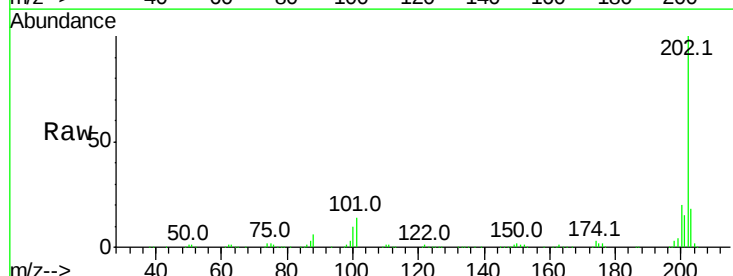
Instrument :
BNA_F
ClientSampleId :

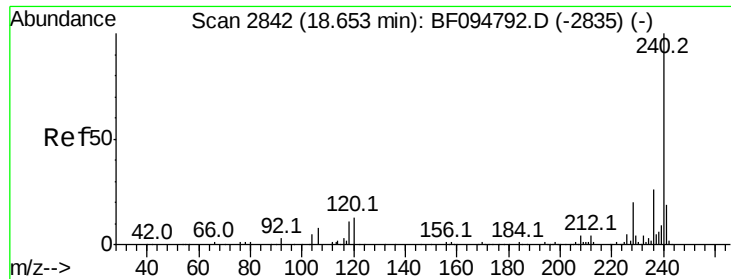
Tot Ion:149 Resp: 937350
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 46.83 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:202 Resp: 856574
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.6 0.0 38.1

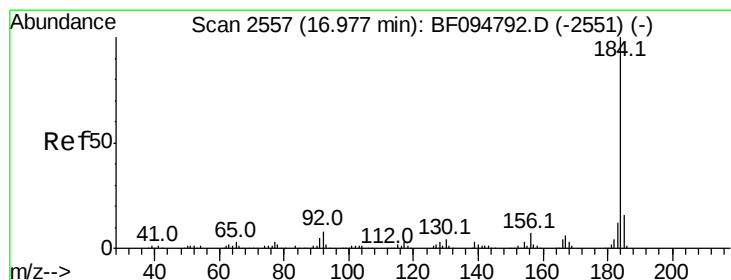
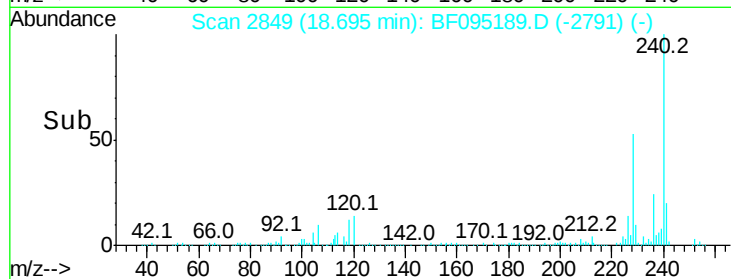
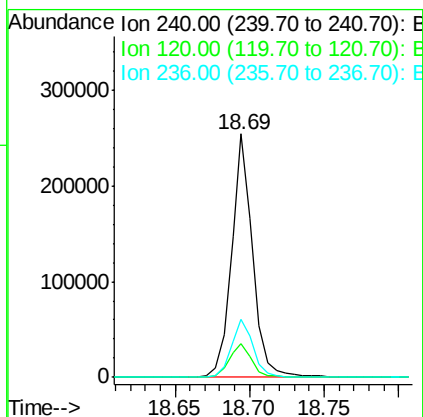
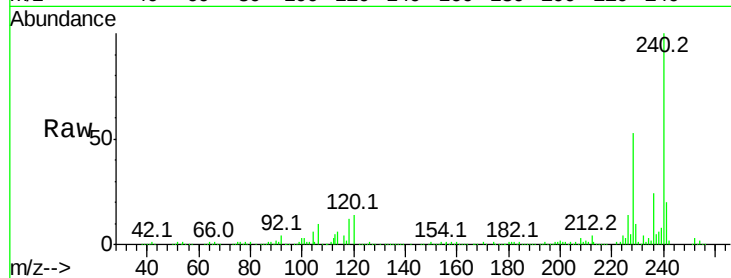




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

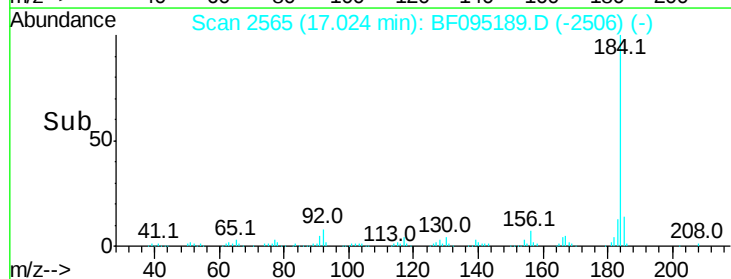
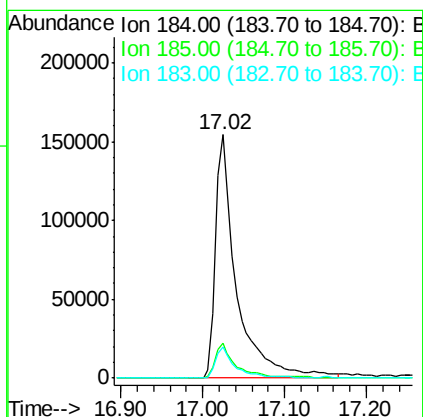
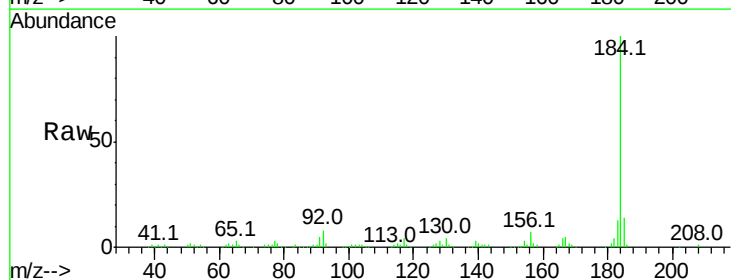
Instrument :
BNA_F
ClientSampleId :

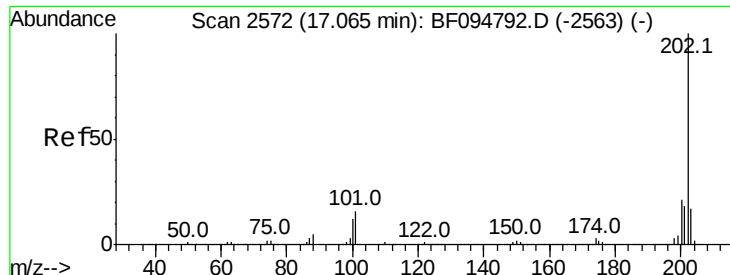
Tot Ion:240 Resp: 252252
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 24.1 20.5 30.7



#76
Benzidine
Concen: 41.85 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:184 Resp: 278874
Ion Ratio Lower Upper
184 100
185 14.2 15.5 23.3#
183 12.7 9.8 14.6

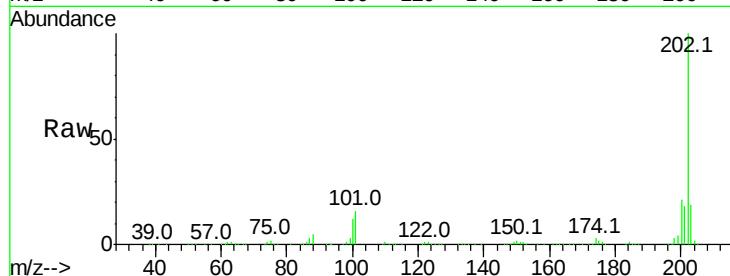




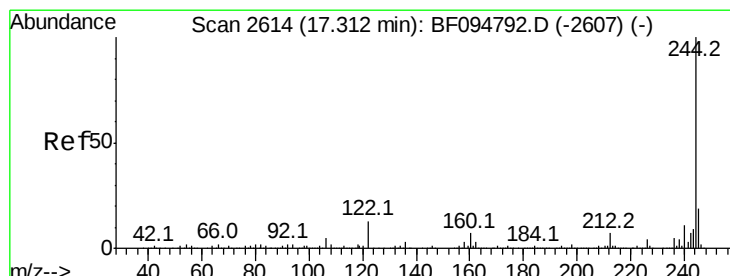
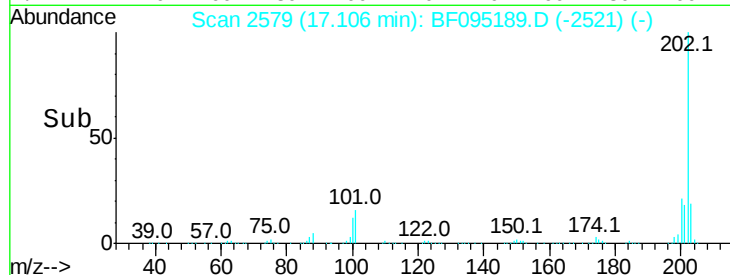
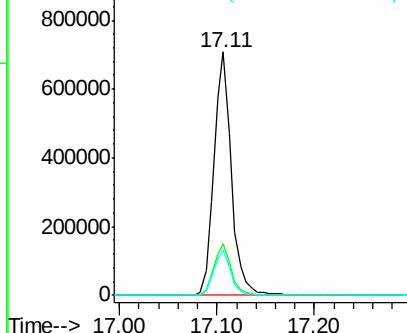
#77
Pvrene
Concen: 46.32 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 873911
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 18.6 14.4 21.6

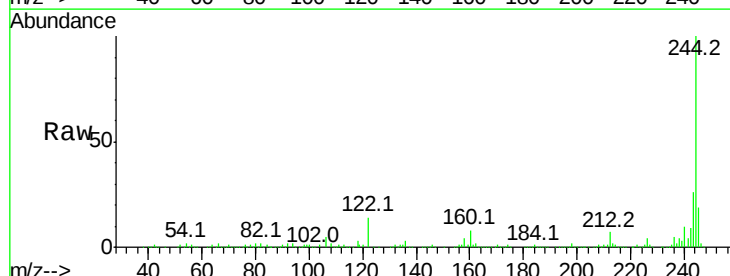


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

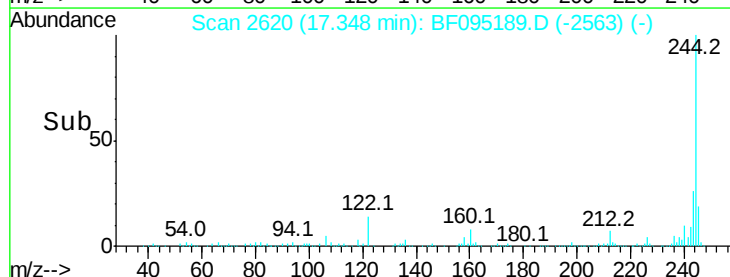
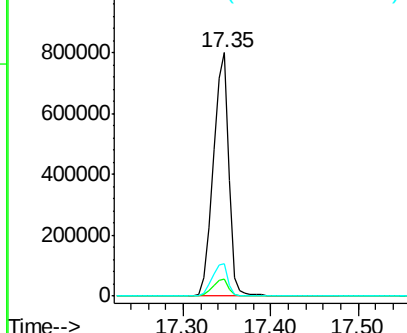


#78
Terphenyl-d14
Concen: 86.13 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:244 Resp: 986425
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.5 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

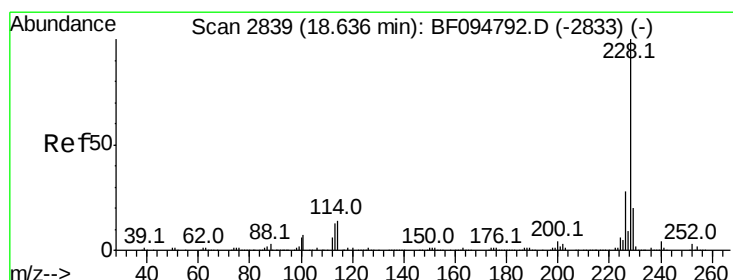
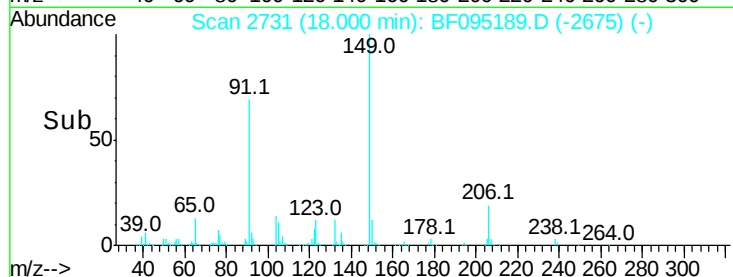
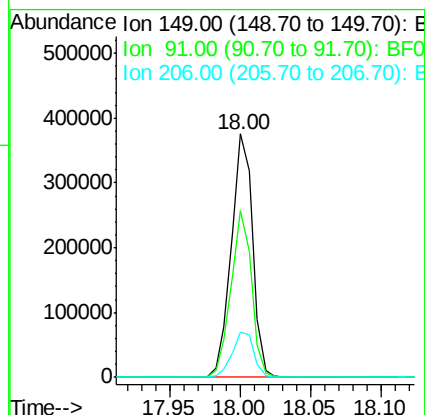
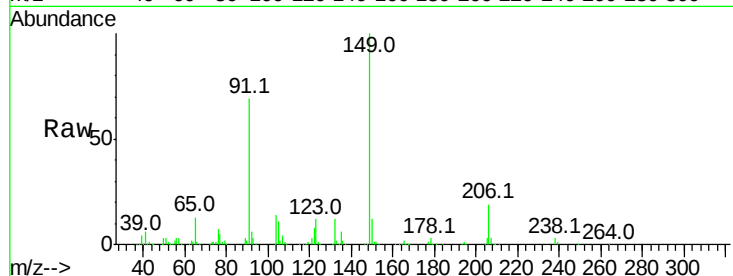




#79
Butylbenzylphthalate
Concen: 45.11 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.03 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

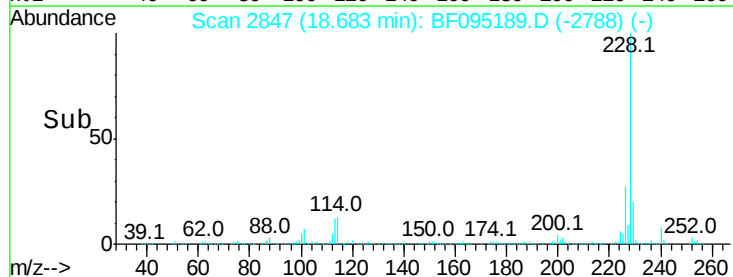
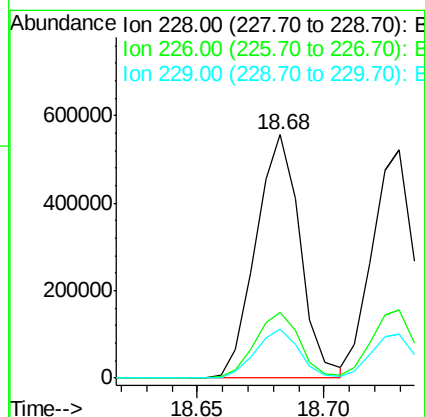
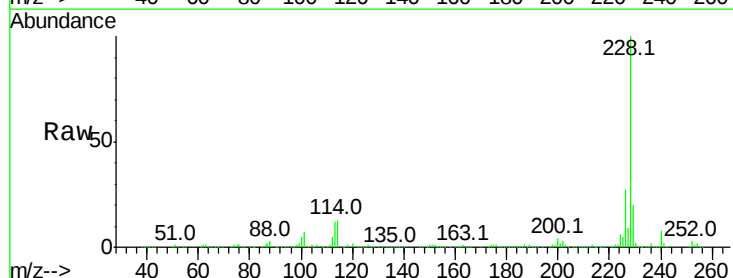
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.5	45.0	67.4#
206	18.6	17.0	25.6



#80
Benzo(a)anthracene
Concen: 46.32 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.0	16.3	24.5

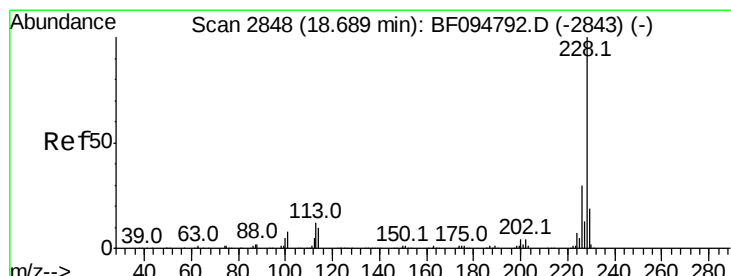
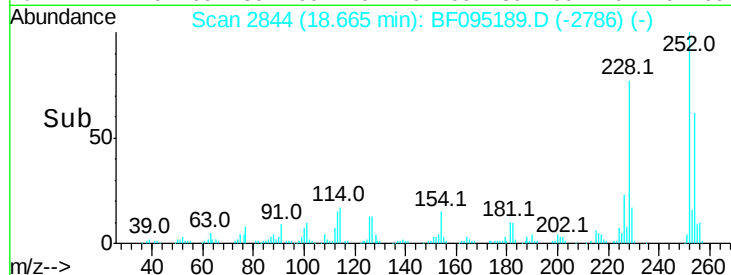
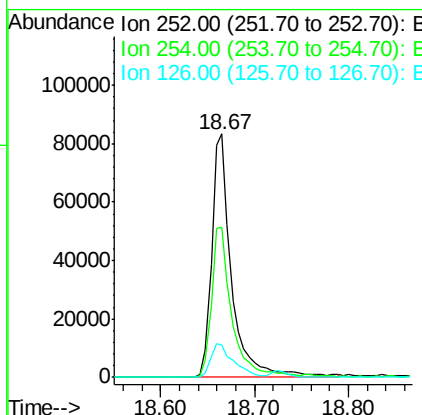
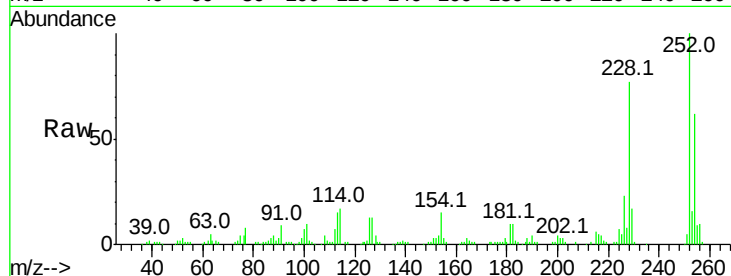




#81
 3,3'-Dichlorobenzidine
 Concen: 24.56 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

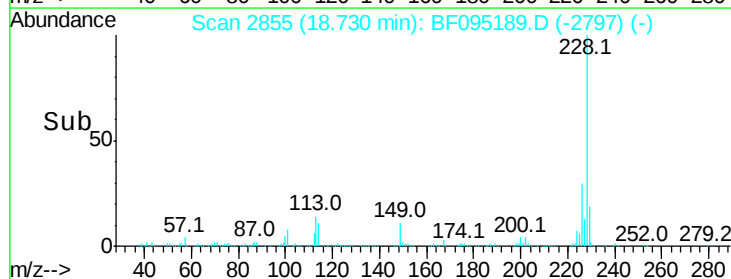
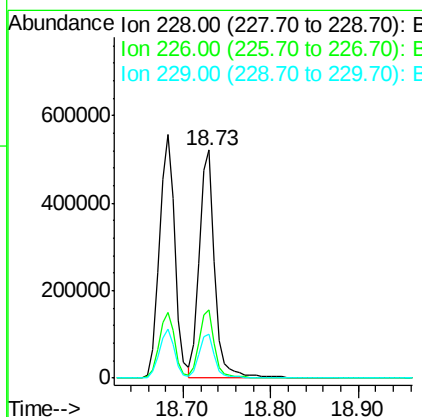
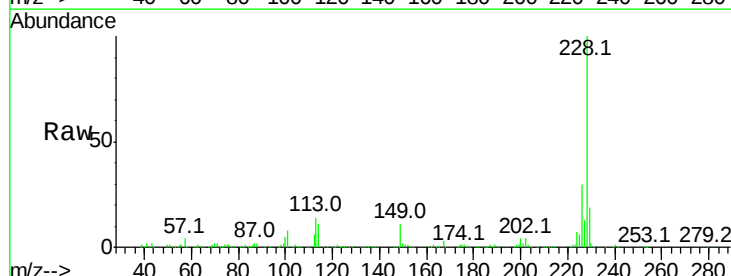
Instrument :
 BNA_F
 ClientSampleId :

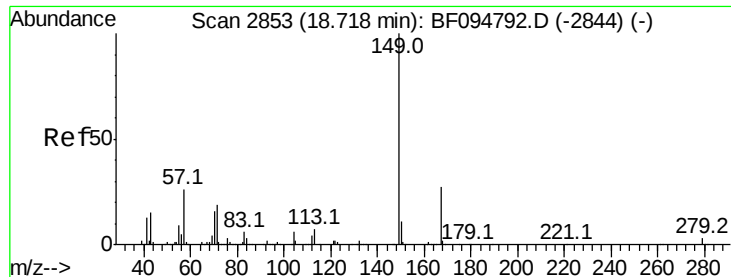
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.5	77.3
126	13.3	15.8	23.8#



#82
 Chrysene
 Concen: 44.85 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.3	15.8	23.6

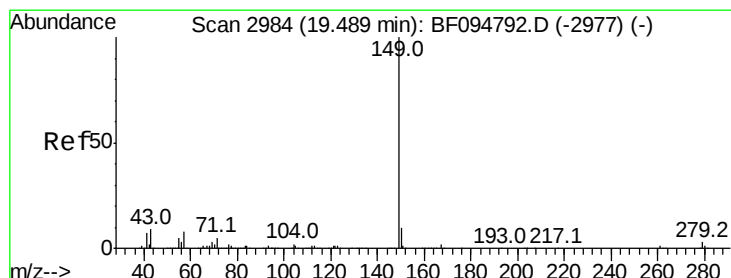
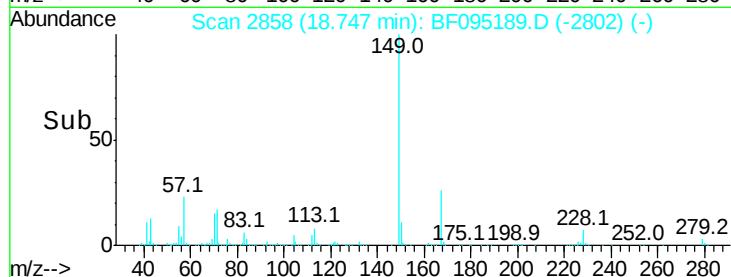
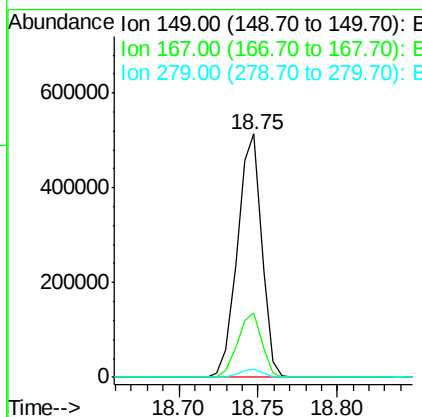
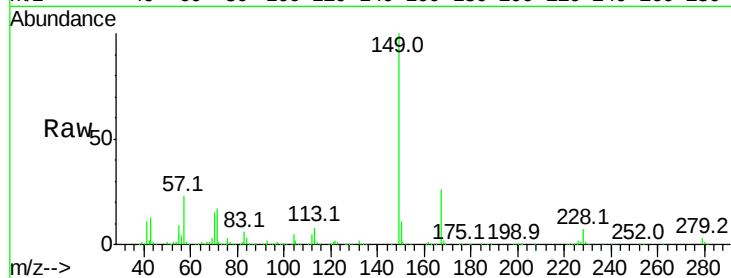




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.41 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. 0.03 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

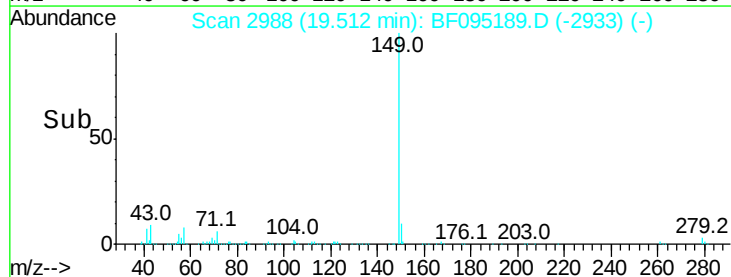
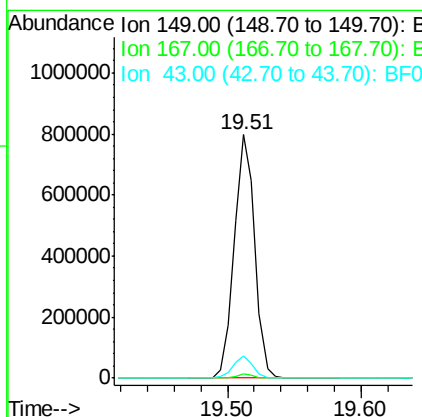
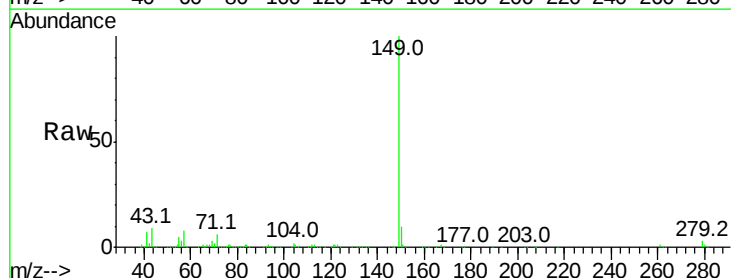
Instrument :
 BNA_F
 ClientSampleId :

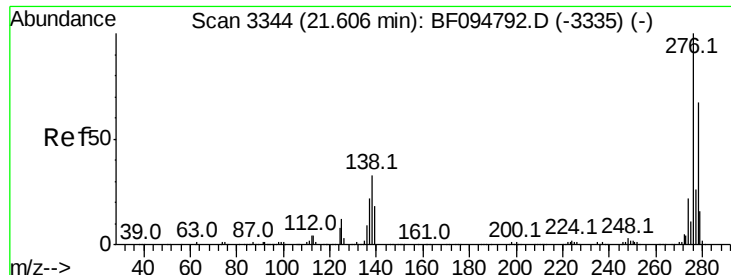
Tot Ion:149 Resp: 542797
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.71 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. 0.02 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:149 Resp: 854963
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 8.5 12.7

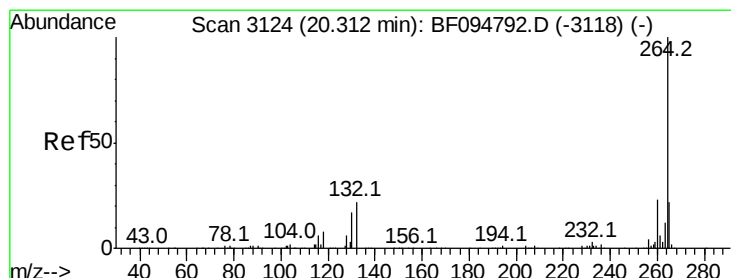
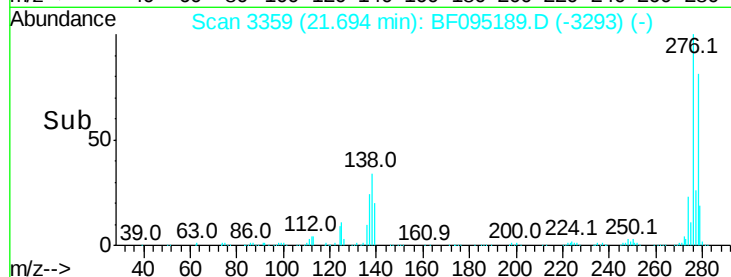
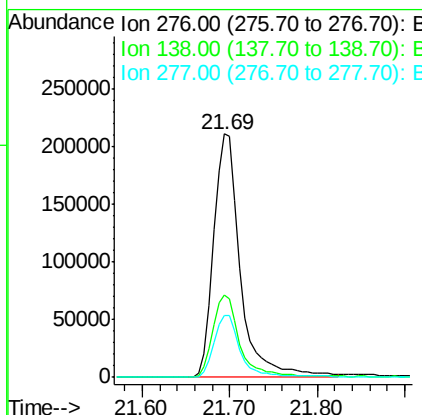
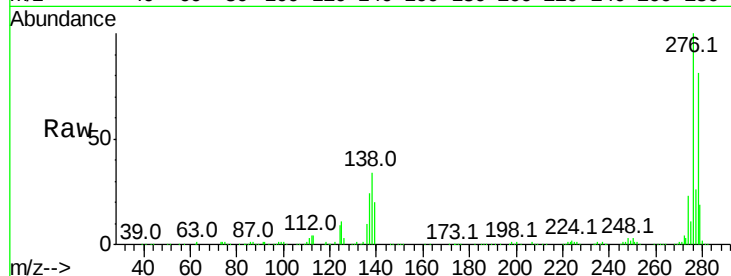




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.05 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. 0.09 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

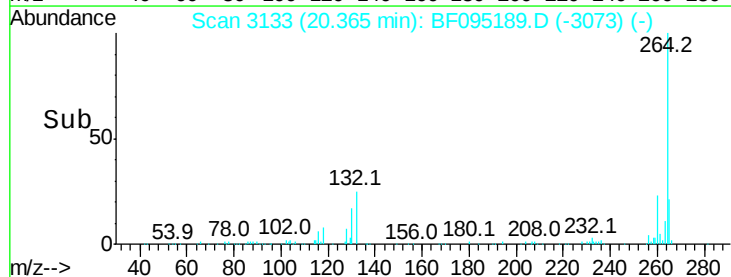
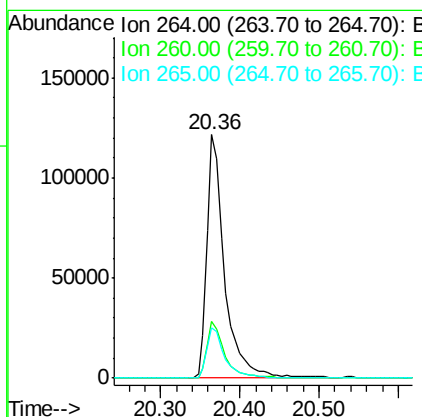
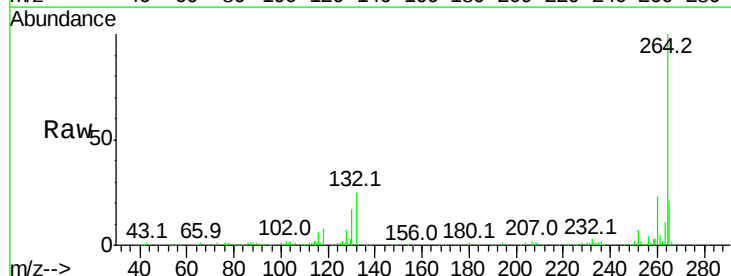
Instrument :
 BNA_F
 ClientSampleId :

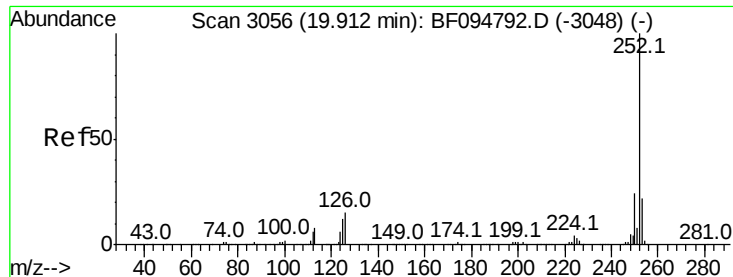
Tot Ion:276 Resp: 450124
 Ion Ratio Lower Upper
 276 100
 138 34.6 27.8 41.6
 277 25.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BF095189.D
 Acq: 17 May 2017 17:25

Tgt Ion:264 Resp: 189828
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 45.42 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

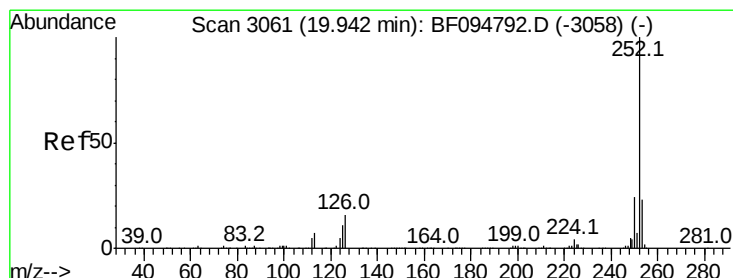
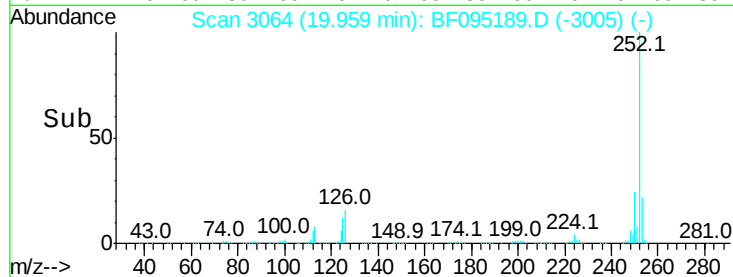
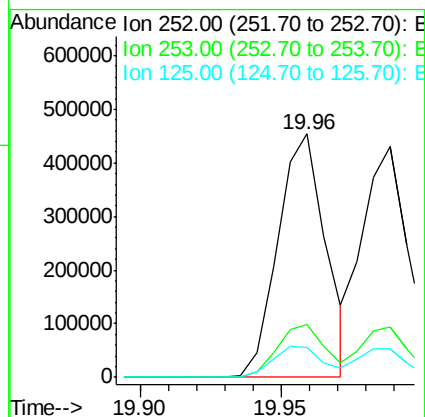
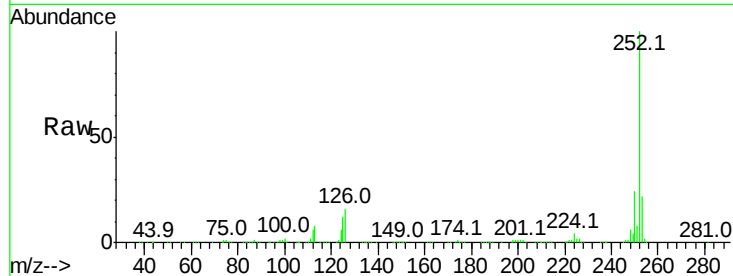
Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 532784

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.3	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 47.75 ng

RT: 19.99 min Scan# 3069

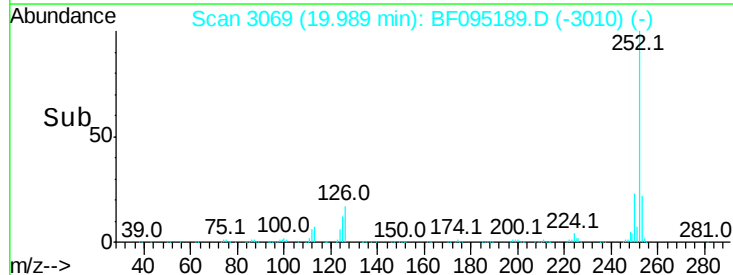
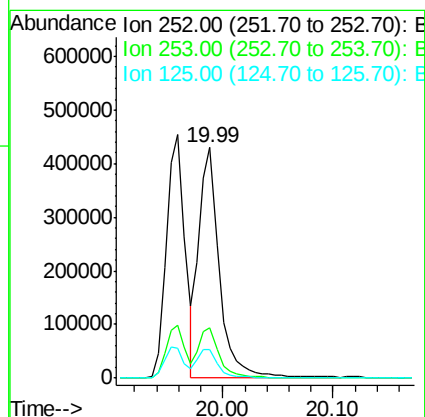
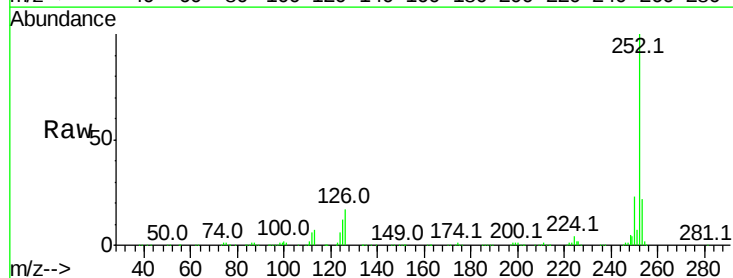
Delta R.T. 0.05 min

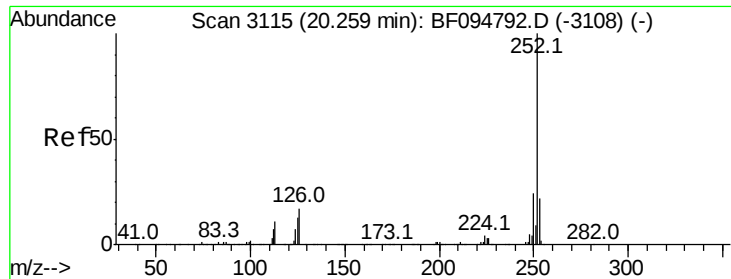
Lab File: BF095189.D

Acq: 17 May 2017 17:25

Tgt Ion:252 Resp: 540284

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.4	13.1	19.7#

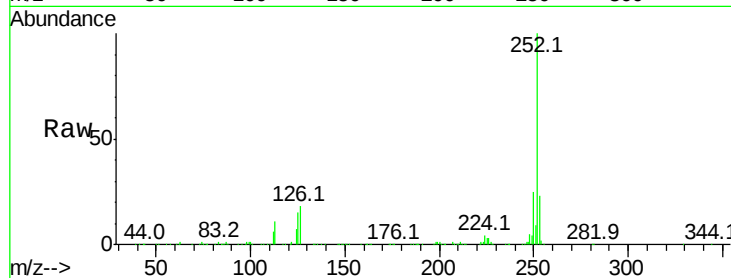




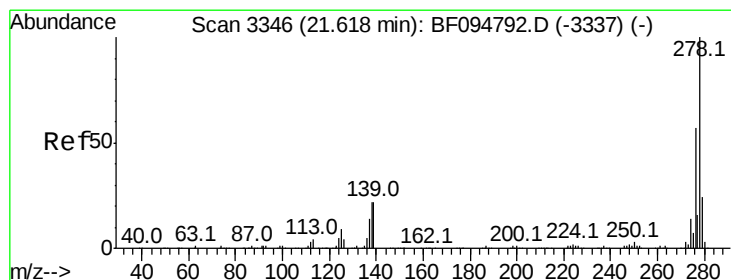
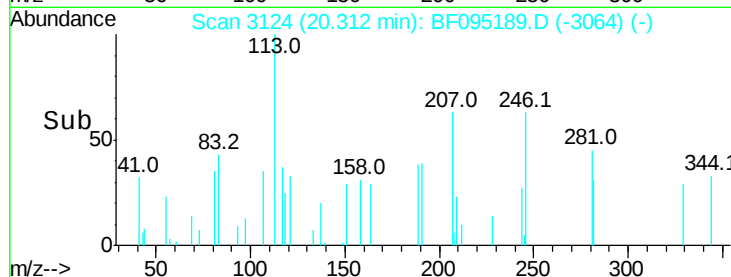
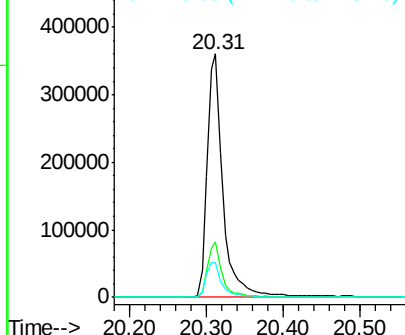
#89
Benzo(a)pyrene
Concen: 46.54 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 503687
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 14.5 11.0 16.4

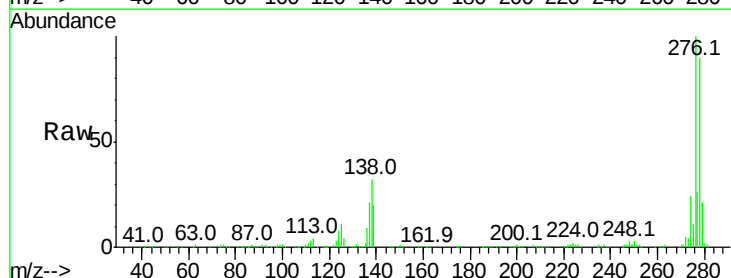


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

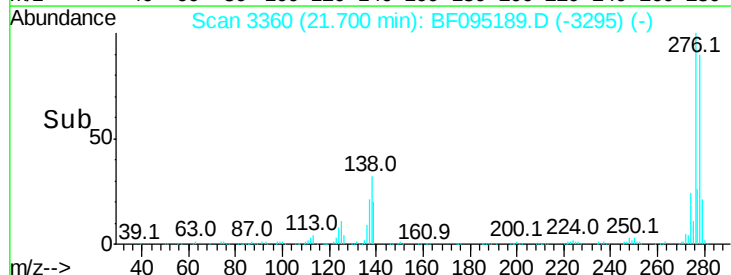
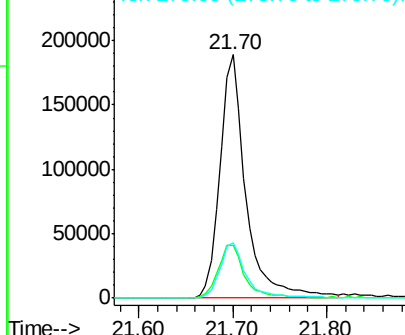


#90
Dibenzo(a,h)anthracene
Concen: 40.73 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095189.D
Acq: 17 May 2017 17:25

Tgt Ion:278 Resp: 364124
Ion Ratio Lower Upper
278 100
139 21.7 16.6 24.8
279 23.0 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.99 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.11 min

Lab File: BF095189.D

Acq: 17 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

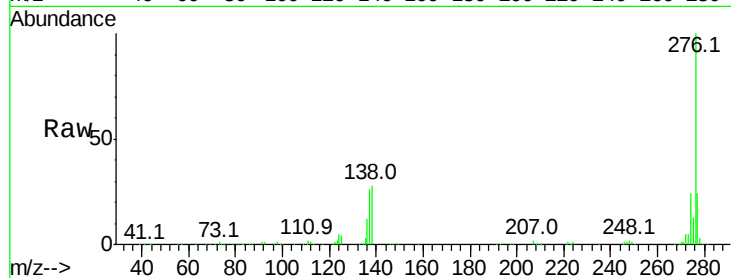
Tot Ion: 276 Resp: 394672

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 28.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

