

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095158.D
 Acq On : 16 May 2017 15:56
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:52:55 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	109524	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	454409	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	192572	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	347637	20.00	ng	0.04
75) Chrysene-d12	18.69	240	272220	20.00	ng	0.04
86) Perylene-d12	20.37	264	215276	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	516285	78.59	ng	0.06
7) Phenol-d6	7.32	99	640777	81.29	ng	0.04
23) Nitrobenzene-d5	8.68	82	575492	79.86	ng	0.05
41) 2,4,6-Tribromophenol	13.92	330	131846	83.60	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1019548	76.20	ng	0.04
78) Terphenyl-d14	17.35	244	970131	78.49	ng	0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.25	88	113672	35.28	ng	94
3) Pyridine	2.95	79	204329	27.36	ng	98
4) n-Nitrosodimethylamine	2.87	42	97313	31.27	ng	81
6) Aniline	7.28	93	412230	41.43	ng	97
8) 2-Chlorophenol	7.47	128	307849	41.17	ng	94
9) Benzaldehyde	7.10	77	170722	35.47	ng	98
10) Phenol	7.34	94	314198	37.83	ng	89
11) bis(2-Chloroethyl)ether	7.41	93	281237	41.01	ng	96
12) 1,3-Dichlorobenzene	7.68	146	350403	41.31	ng	98
13) 1,4-Dichlorobenzene	7.80	146	355716	41.35	ng	97
14) 1,2-Dichlorobenzene	8.04	146	332224	41.38	ng	96
15) Benzyl Alcohol	8.06	79	222577	43.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	397594	40.97	ng	96
17) 2-Methylphenol	8.27	107	251614	41.12	ng	97
18) Hexachloroethane	8.55	117	120313	41.29	ng	# 86
19) n-Nitroso-di-n-propylamine	8.48	70	219880	41.25	ng	92
20) 3+4-Methylphenols	8.52	107	342352	41.17	ng	# 58
22) Acetophenone	8.45	105	434162	39.82	ng	# 83
24) Nitrobenzene	8.71	77	300189	39.74	ng	94
25) Isophorone	9.11	82	533524	41.46	ng	96
26) 2-Nitrophenol	9.21	139	171821	42.16	ng	98
27) 2,4-Dimethylphenol	9.34	122	262983	39.91	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	326118	36.64	ng	99
29) 2,4-Dichlorophenol	9.63	162	236657	38.04	ng	98
30) 1,2,4-Trichlorobenzene	9.72	180	269115	40.37	ng	99
31) Naphthalene	9.82	128	898966	39.36	ng	99
32) Benzoic acid	9.66	122	118844	29.64	ng	93
33) 4-Chloroaniline	9.96	127	351524	41.30	ng	# 92
34) Hexachlorobutadiene	10.04	225	132492	37.67	ng	97
35) Caprolactam	10.60	113	49024	26.24	ng	90
36) 4-Chloro-3-methylphenol	10.81	107	266214	40.02	ng	88
37) 2-Methylnaphthalene	10.95	142	603069	40.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	249195	42.08	ng	99
40) Hexachlorocyclopentadiene	11.20	237	100903	43.52	ng	95

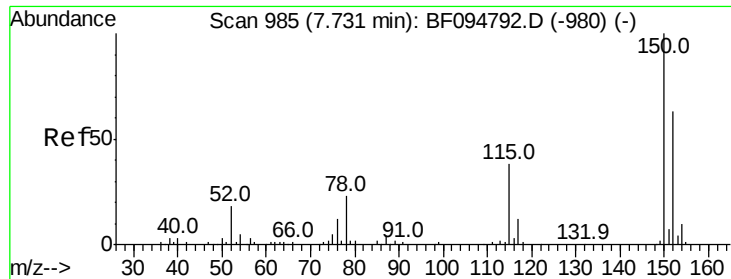
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095158.D
 Acq On : 16 May 2017 15:56
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: May 17 05:52:55 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)
42) 2,4,6-Trichlorophenol	11.45	196	151934	38.43	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	160201	37.70	nq	# 92
45) 1,1'-Biphenyl	11.72	154	670495	41.35	nq	98
46) 2-Chloronaphthalene	11.74	162	535531	40.91	nq	96
47) 2-Nitroaniline	11.95	65	148950	41.57	nq	# 84
48) Acenaphthylene	12.40	152	867172	42.29	nq	99
49) Dimethylphthalate	12.27	163	673054	42.57	nq	99
50) 2,6-Dinitrotoluene	12.36	165	140666	43.61	nq	93
51) Acenaphthene	12.68	154	488109	39.85	nq	99
52) 3-Nitroaniline	12.64	138	138272	39.94	nq	90
53) 2,4-Dinitrophenol	12.84	184	54717	34.64	nq	# 60
54) Dibenzofuran	12.97	168	726992	42.89	nq	97
55) 4-Nitrophenol	13.04	139	72039	34.65	nq	# 69
56) 2,4-Dinitrotoluene	13.03	165	182574	44.05	nq	94
57) Fluorene	13.52	166	549891	37.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	118883	44.45	nq	# 94
59) Diethylphthalate	13.41	149	584440	38.57	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	253847	39.19	nq	89
61) 4-Nitroaniline	13.63	138	103048	32.43	nq	94
62) Azobenzene	13.80	77	484184	39.77	nq	94
64) 4,6-Dinitro-2-methylphenol	13.69	198	88967	38.18	nq	# 68
65) n-Nitrosodiphenylamine	13.75	169	482607	38.25	nq	99
66) 4-Bromophenyl-phenylether	14.33	248	157035	42.76	nq	98
67) Hexachlorobenzene	14.42	284	160636	42.68	nq	# 89
68) Atrazine	14.67	200	139600	39.19	nq	98
69) Pentachlorophenol	14.77	266	52714	34.57	nq	95
70) Phenanthrene	15.07	178	796116	39.86	nq	98
71) Anthracene	15.15	178	847997	41.56	nq	97
72) Carbazole	15.43	167	752366	40.53	nq	97
73) Di-n-butylphthalate	15.99	149	924317	39.93	nq	98
74) Fluoranthene	16.81	202	760655	37.12	nq	99
76) Benzidine	17.02	184	203767	30.47	nq	# 93
77) Pyrene	17.11	202	792576	38.93	nq	98
79) Butylbenzylphthalate	18.01	149	391469	41.34	nq	91
80) Benzo(a)anthracene	18.68	228	627340	39.60	nq	99
81) 3,3'-Dichlorobenzidine	18.66	252	207450	37.91	nq	# 97
82) Chrysene	18.73	228	623483	40.70	nq	98
83) Bis(2-ethylhexyl)phthalate	18.75	149	603100	44.70	nq	# 99
84) Di-n-octyl phthalate	19.52	149	1025488	46.36	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	418425	33.63	nq	99
87) Benzo(b)fluoranthene	19.96	252	511671	38.47	nq	99
88) Benzo(k)fluoranthene	19.99	252	564233	43.97	nq	# 95
89) Benzo(a)pyrene	20.31	252	477943	38.94	nq	97
90) Dibenzo(a,h)anthracene	21.70	278	356855	35.20	nq	98
91) Benzo(g,h,i)perylene	22.08	276	344657	34.65	nq	98

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

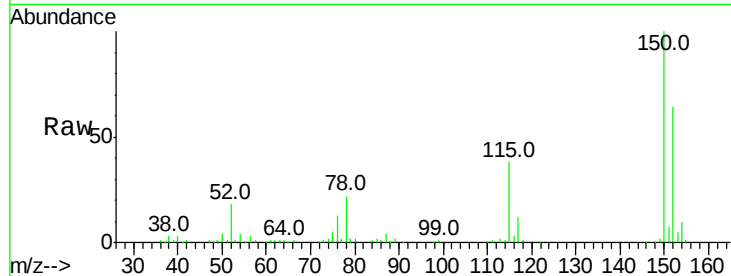


#1

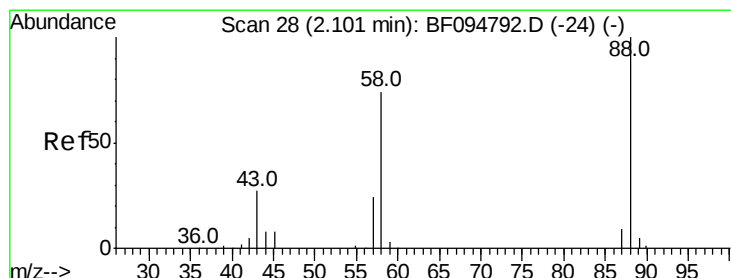
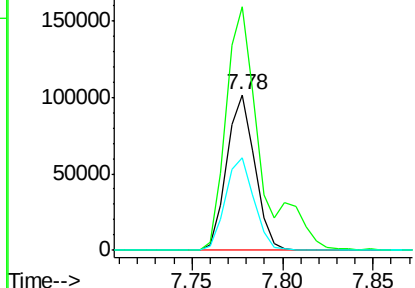
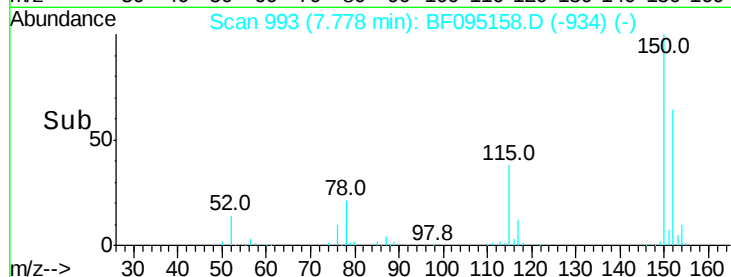
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109524
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 59.8 52.2 78.2



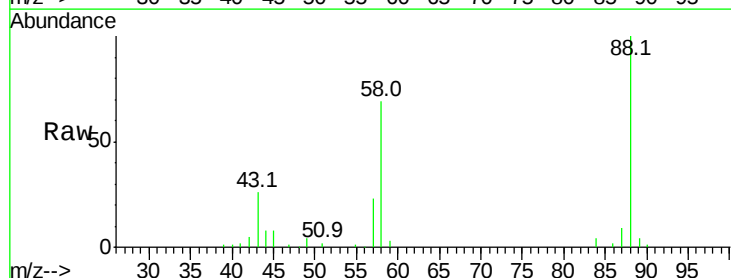
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



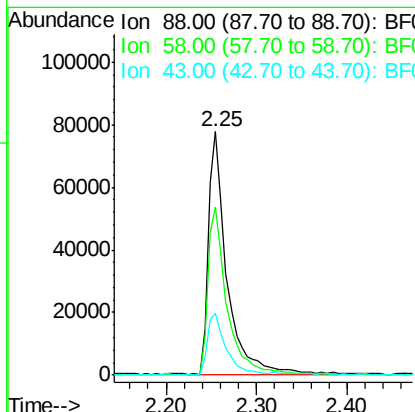
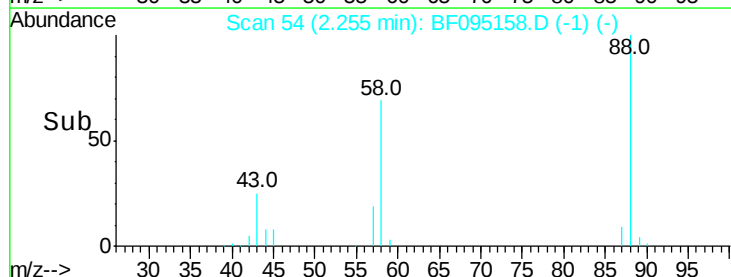
#2

1,4-Dioxane
Concen: 35.28 ng
RT: 2.25 min Scan# 54
Delta R.T. 0.15 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion: 88 Resp: 113672
Ion Ratio Lower Upper
88 100
58 70.7 61.4 92.0
43 26.5 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: 27.36 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.19 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampled :

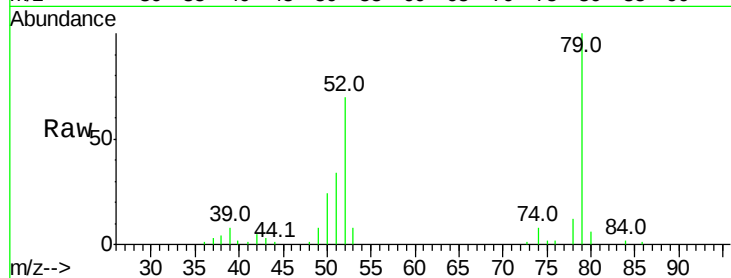
Tot Ion: 79 Resp: 204329

Ion Ratio Lower Upper

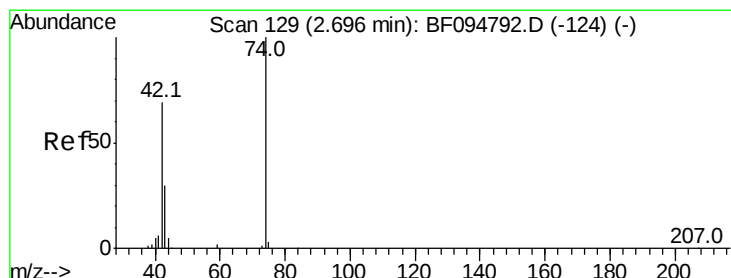
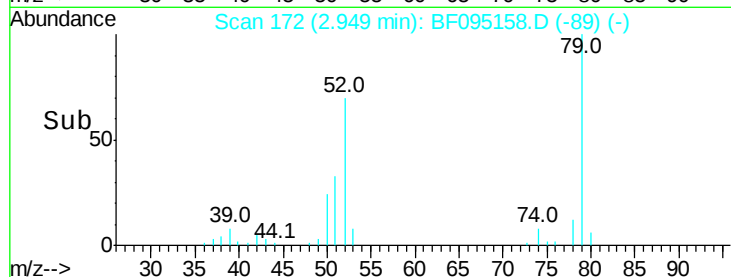
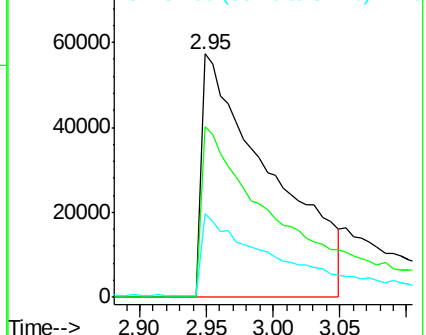
79 100

52 70.2 54.8 82.2

51 34.2 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: 31.27 ng

RT: 2.87 min Scan# 159

Delta R.T. 0.18 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

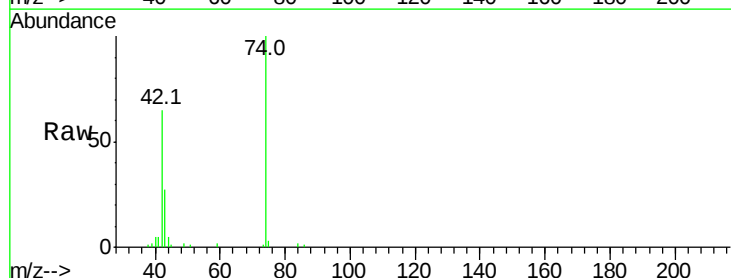
Tgt Ion: 42 Resp: 97313

Ion Ratio Lower Upper

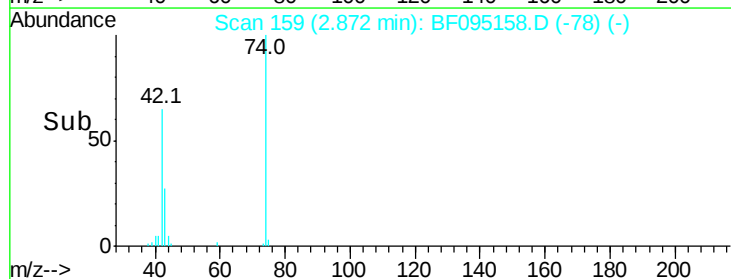
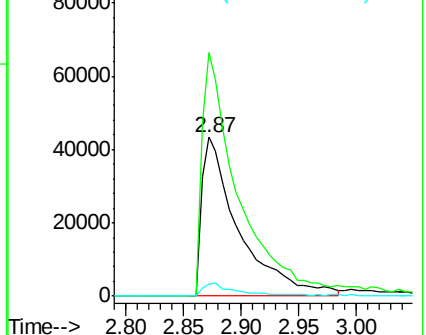
42 100

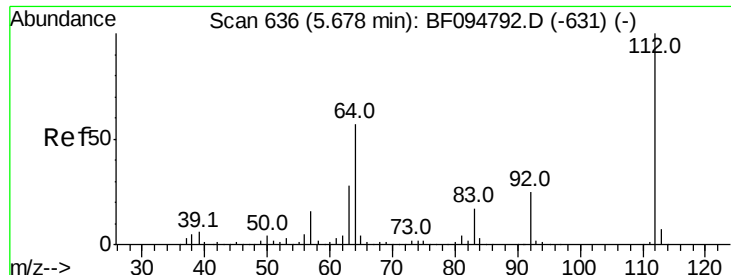
74 153.5 103.9 155.9

44 7.4 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.59 ng

RT: 5.74 min Scan# 647

Delta R.T. 0.06 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampled :

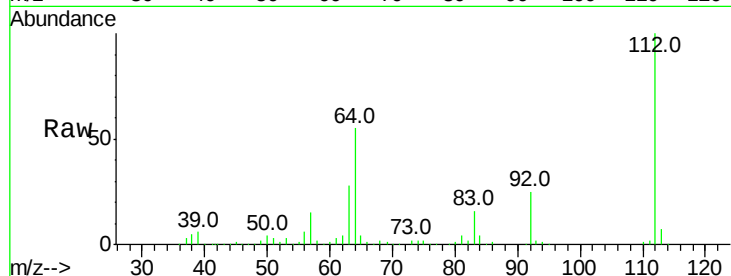
Tot Ion:112 Resp: 516285

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

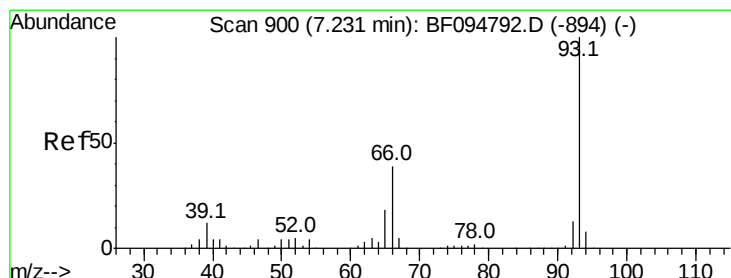
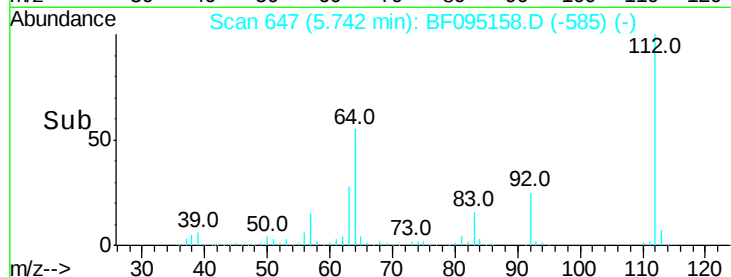
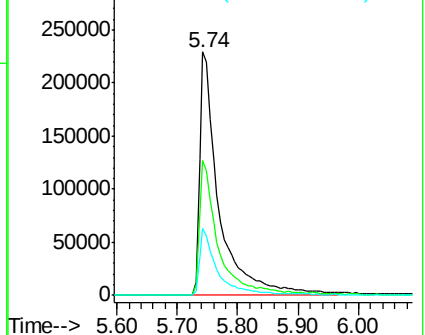
63 27.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.43 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

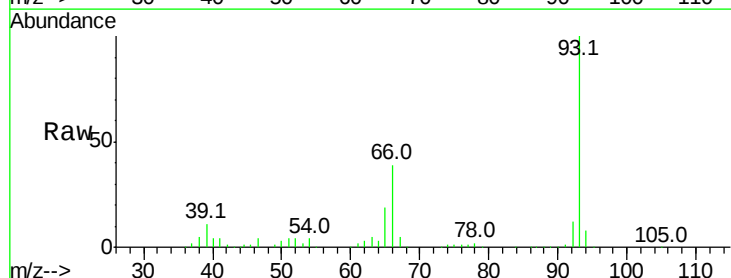
Tgt Ion: 93 Resp: 412230

Ion Ratio Lower Upper

93 100

66 38.8 32.9 49.3

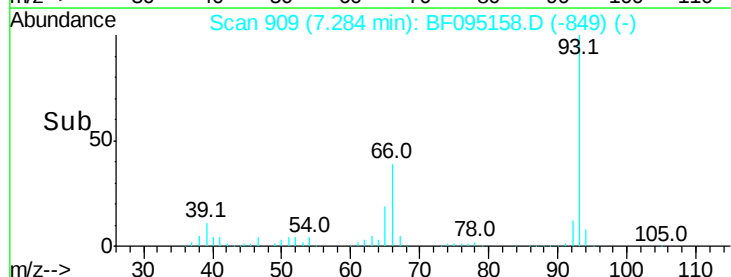
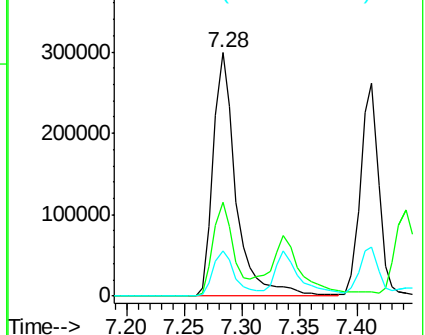
65 18.8 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.29 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

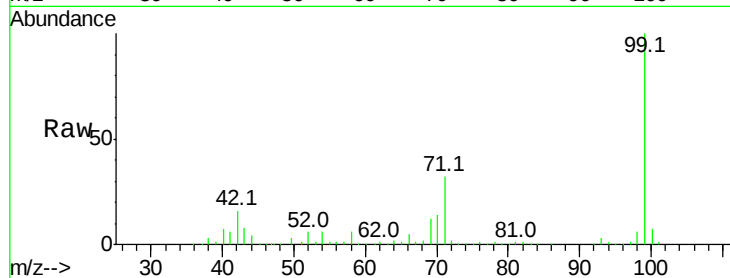
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 640777

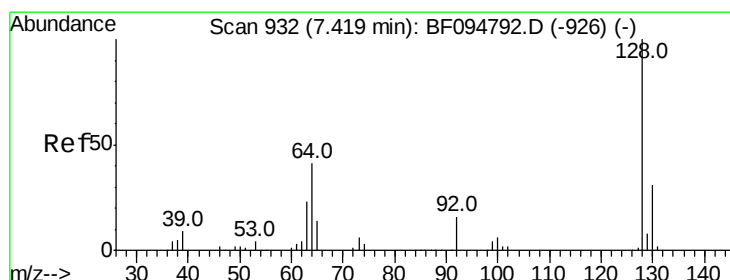
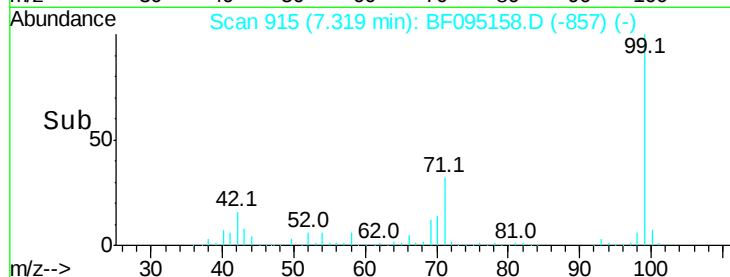
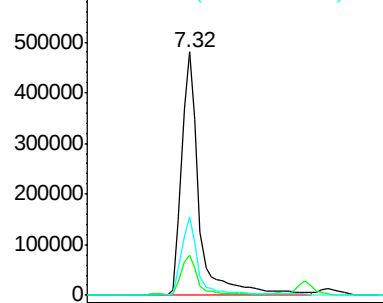
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.0	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.17 ng

RT: 7.47 min Scan# 941

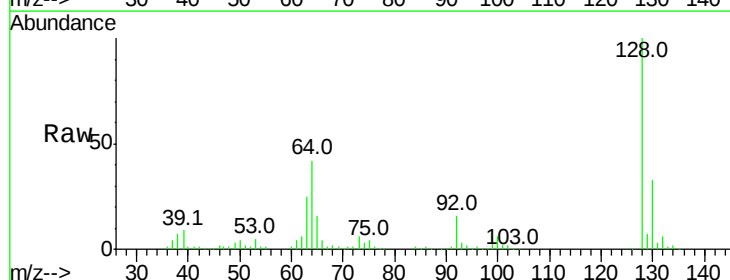
Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion: 128 Resp: 307849

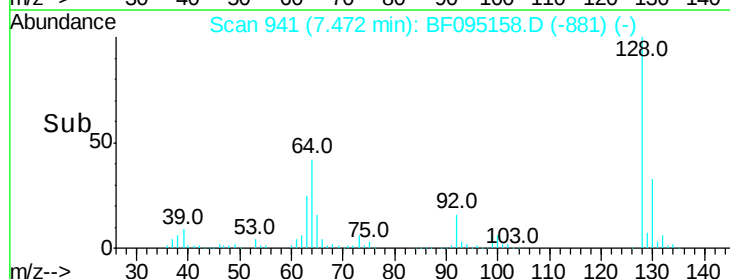
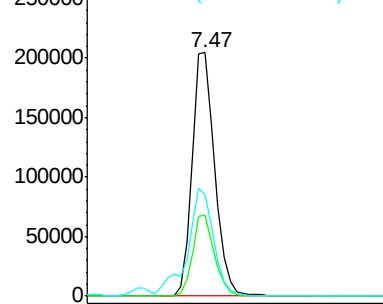
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	41.9	28.4	68.4

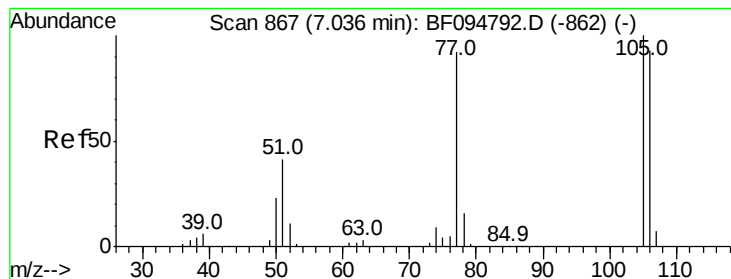


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.47 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.06 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampled :

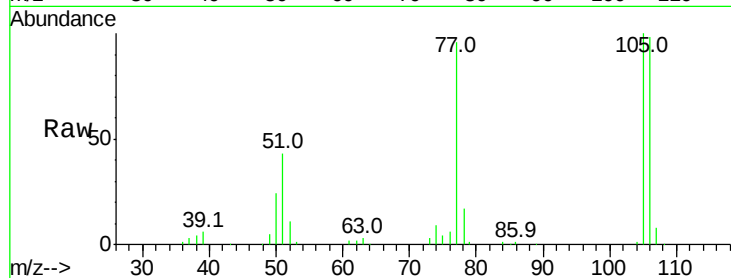
Tot Ion: 77 Resp: 170722

Ion Ratio Lower Upper

77 100

105 104.1 83.8 123.8

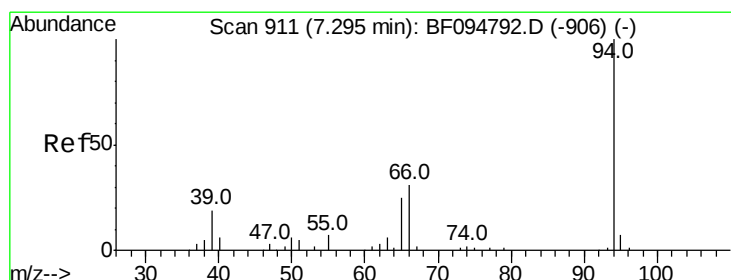
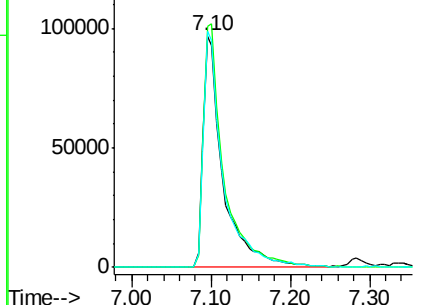
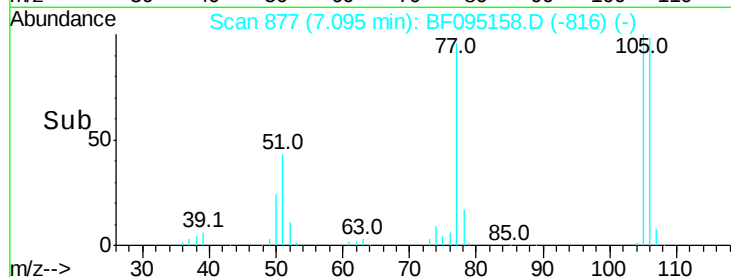
106 102.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.83 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

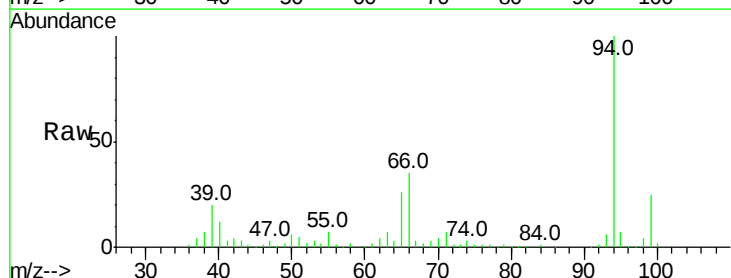
Tgt Ion: 94 Resp: 314198

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

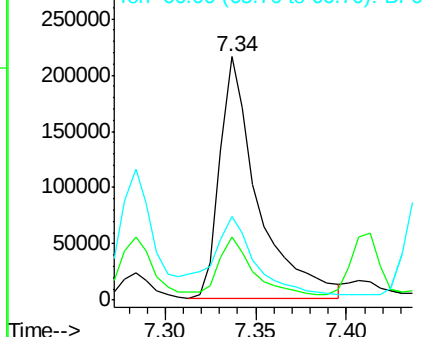
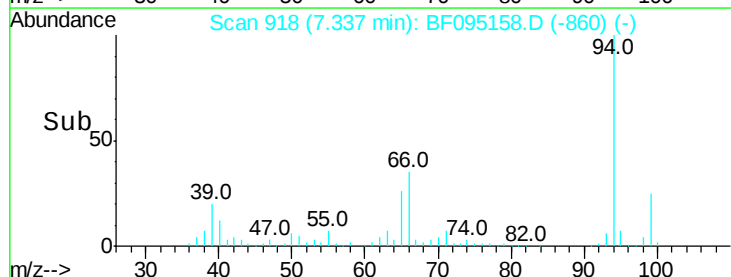
66 34.6 23.1 63.1

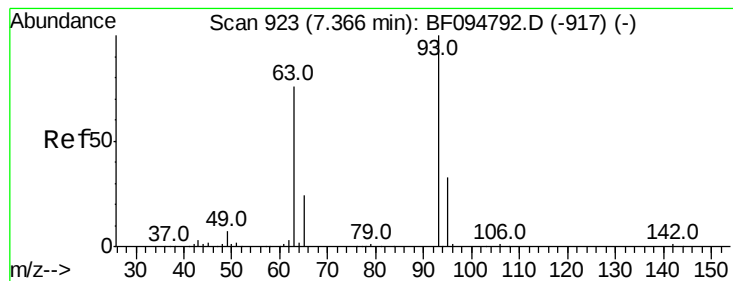


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.01 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

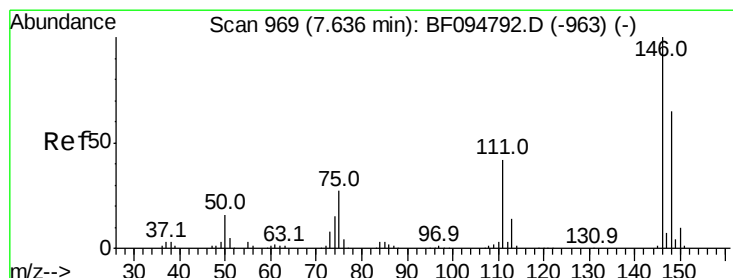
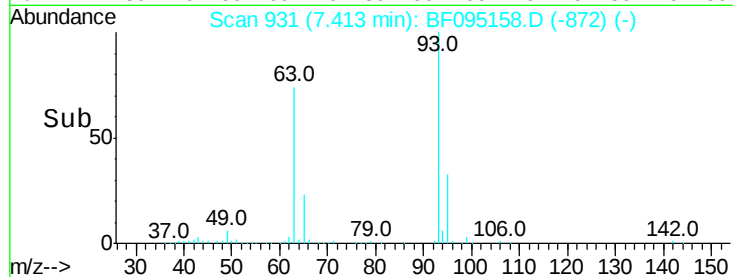
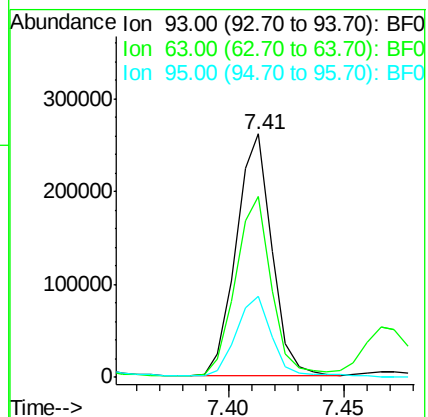
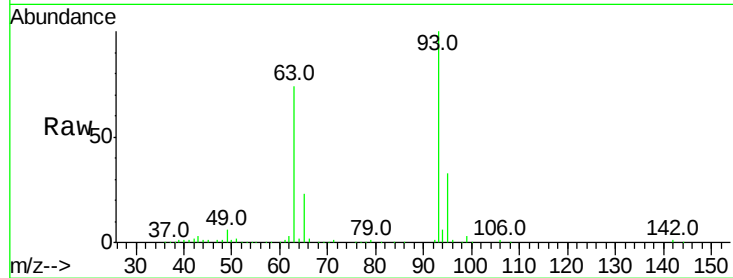
Tot Ion: 93 Resp: 281237

Ion Ratio Lower Upper

93 100

63 74.3 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.31 ng

RT: 7.68 min Scan# 977

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

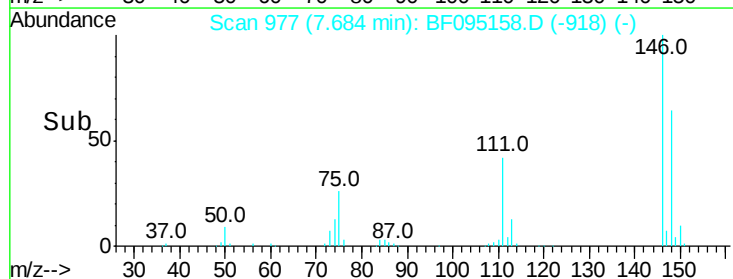
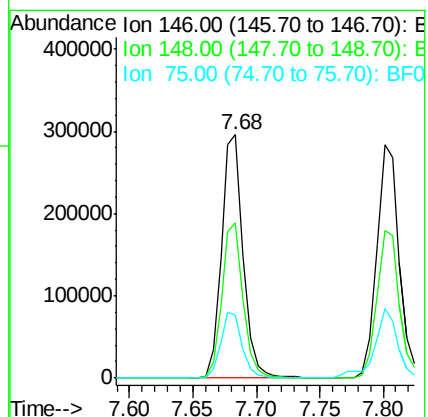
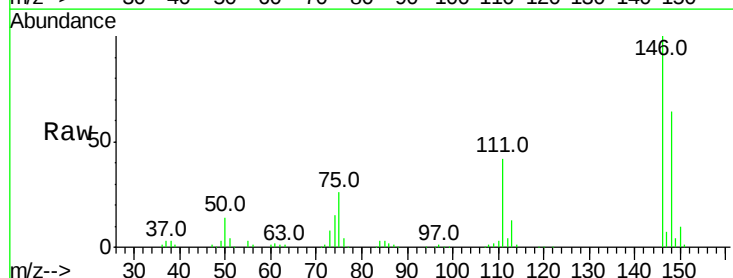
Tgt Ion: 146 Resp: 350403

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 26.2 23.1 34.7

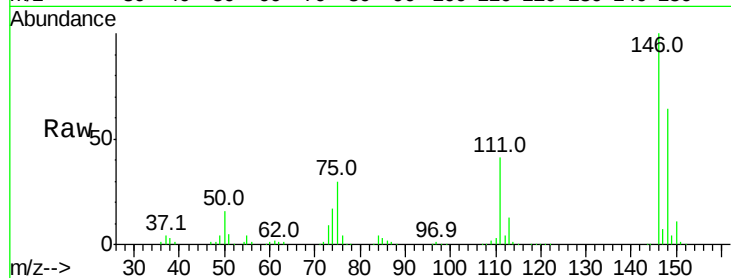




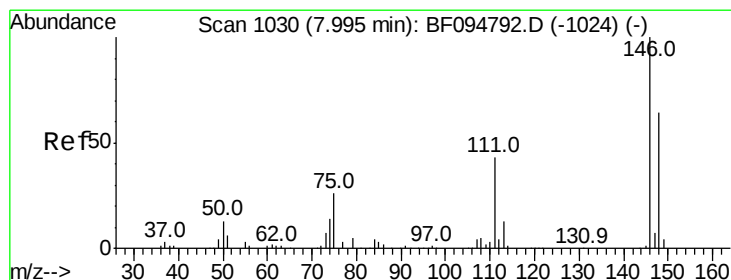
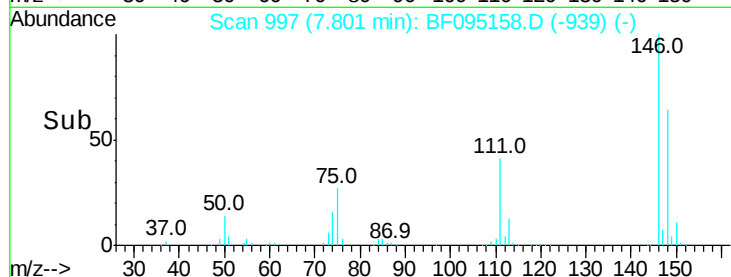
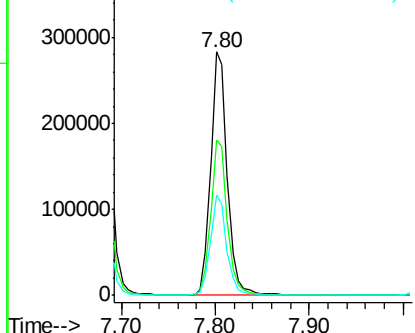
#13
 1,4-Dichlorobenzene
 Concen: 41.35 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 355716
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 41.2 30.3 45.5

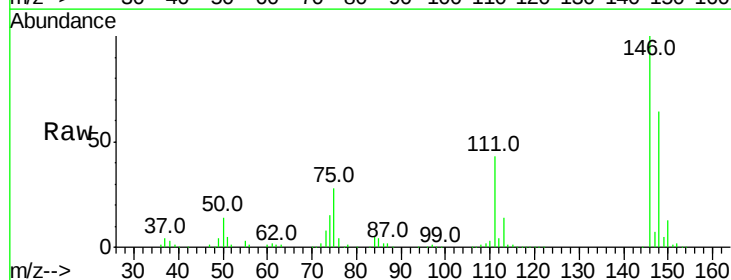


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

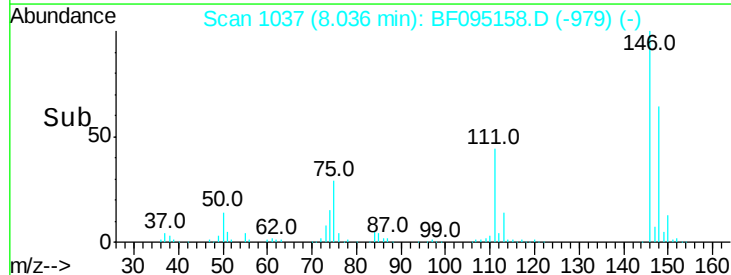
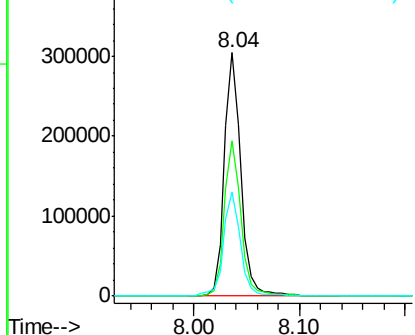


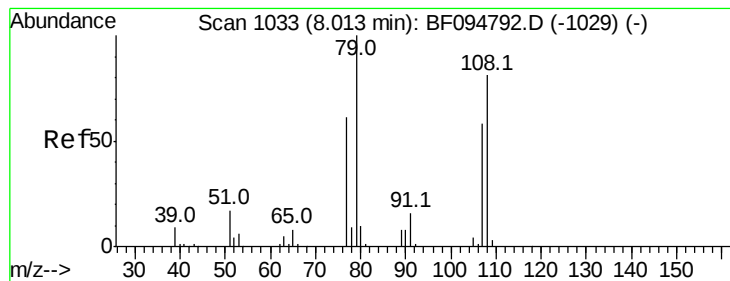
#14
 1,2-Dichlorobenzene
 Concen: 41.38 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion:146 Resp: 332224
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 42.9 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 43.90 ng

RT: 8.06 min Scan# 1041

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :

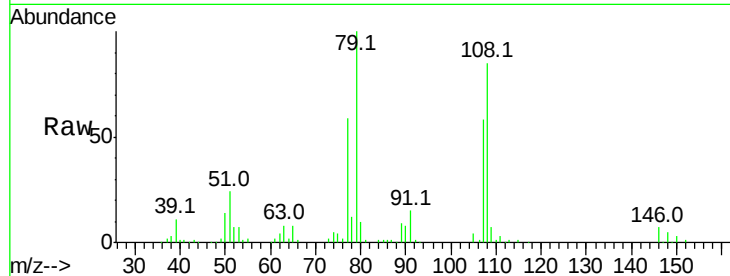
Tot Ion: 79 Resp: 222577

Ion Ratio Lower Upper

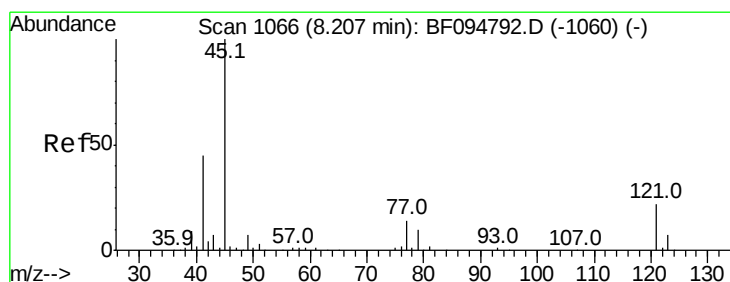
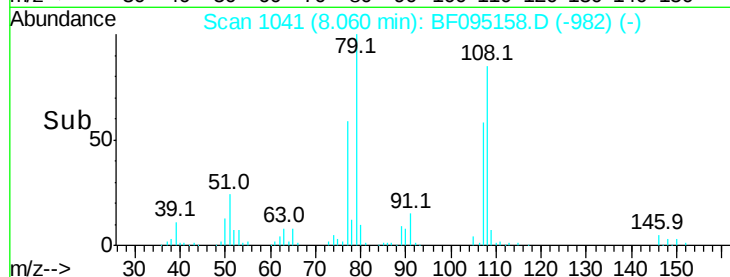
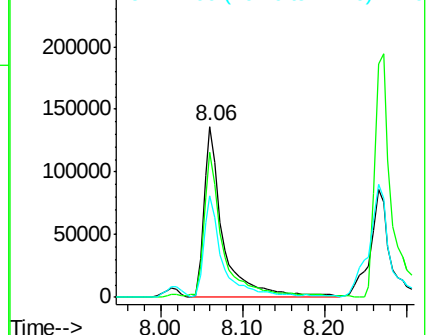
79 100

108 84.8 63.4 95.0

77 59.3 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.97 ng

RT: 8.25 min Scan# 1073

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

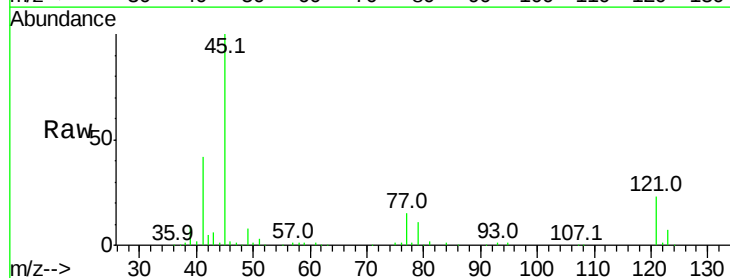
Tgt Ion: 45 Resp: 397594

Ion Ratio Lower Upper

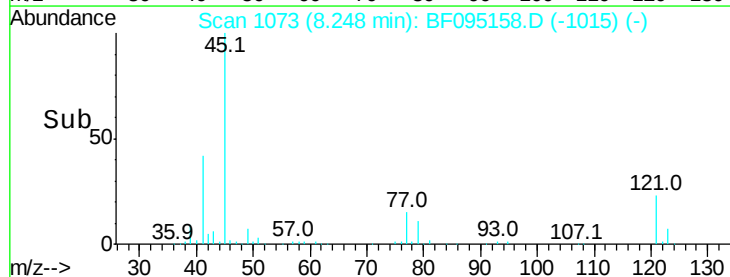
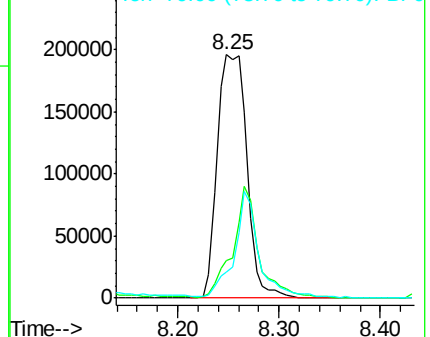
45 100

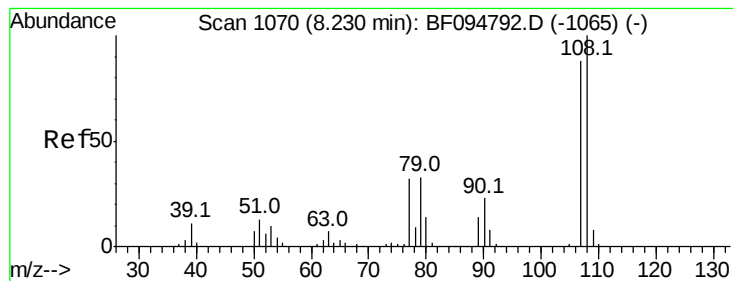
77 15.4 0.0 33.2

79 10.5 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

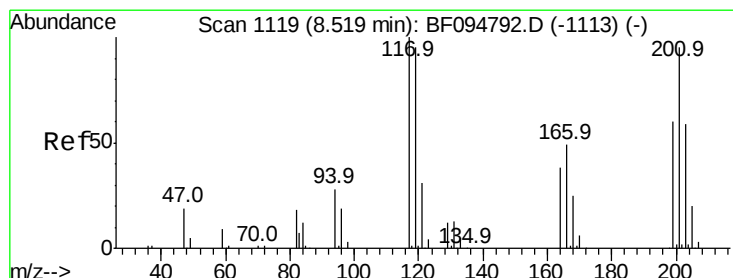
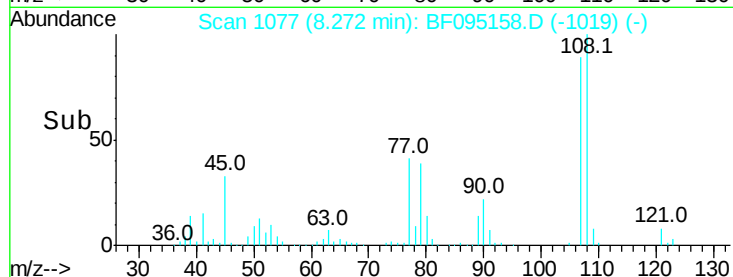
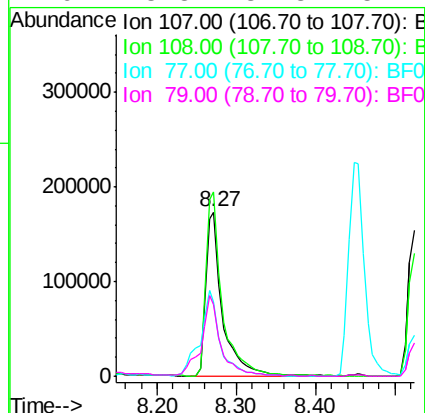
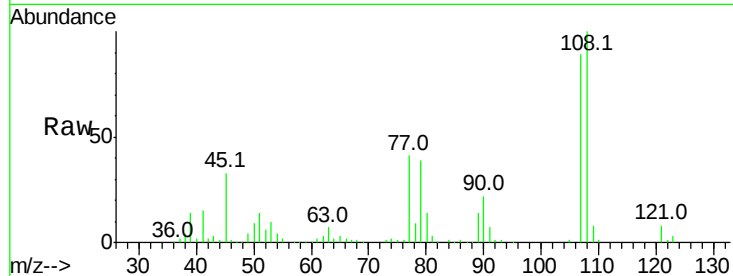




#17
2-Methylphenol
Concen: 41.12 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

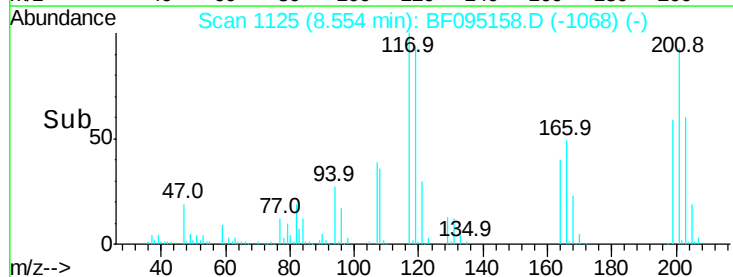
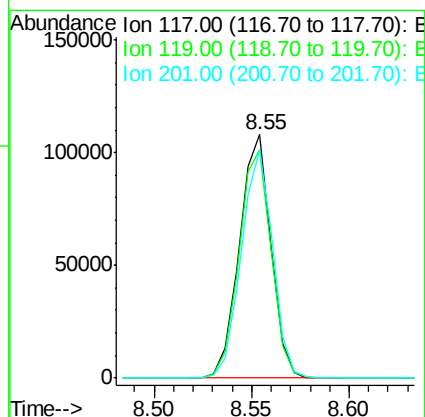
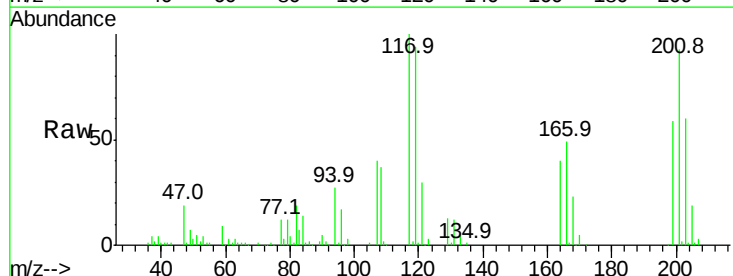
Instrument :
BNA_F
ClientSampleId :

Tot Ion:107	Resp:	251614
Ion Ratio	Lower	Upper
107	100	
108	111.9	93.4 140.0
77	45.3	35.8 53.6
79	43.8	34.8 52.2



#18
Hexachloroethane
Concen: 41.29 ng
RT: 8.55 min Scan# 1125
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:117	Resp:	120313
Ion Ratio	Lower	Upper
117	100	
119	93.7	77.4 116.0
201	93.5	94.6 141.8#

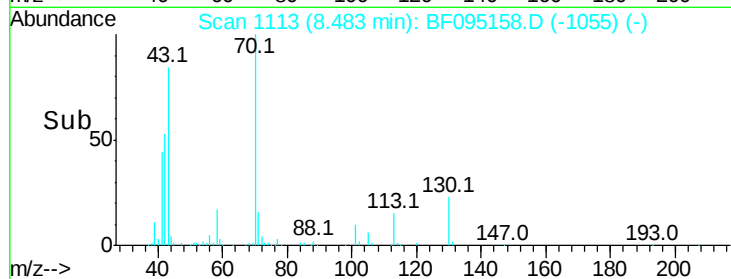
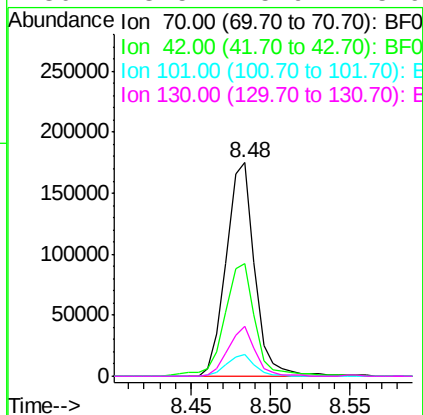
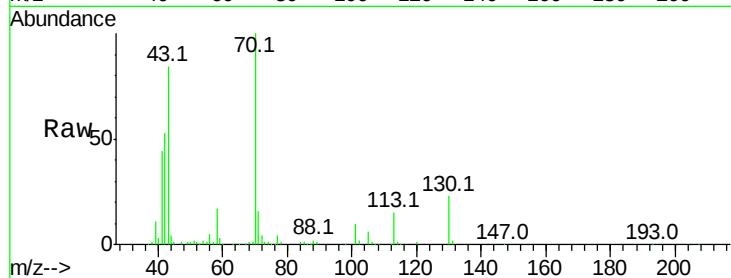




#19
n-Nitroso-di-n-propylamine
Concen: 41.25 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

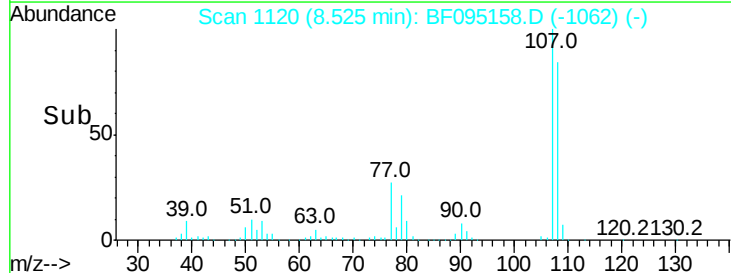
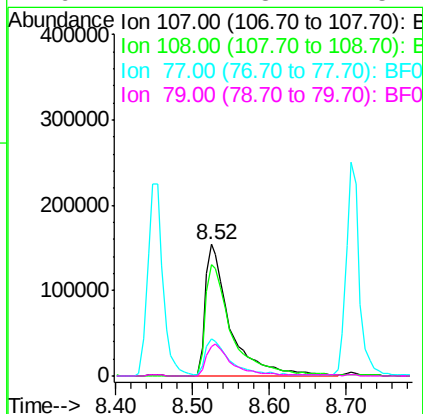
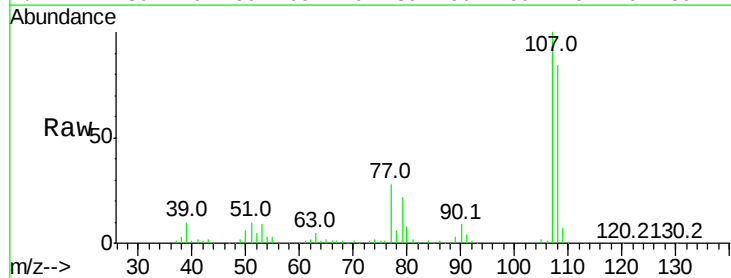
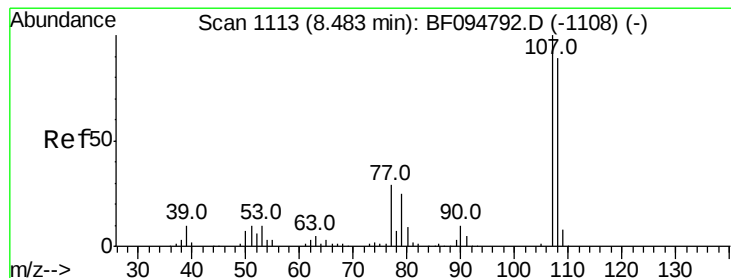
Instrument :
BNA_F
ClientSampleId :

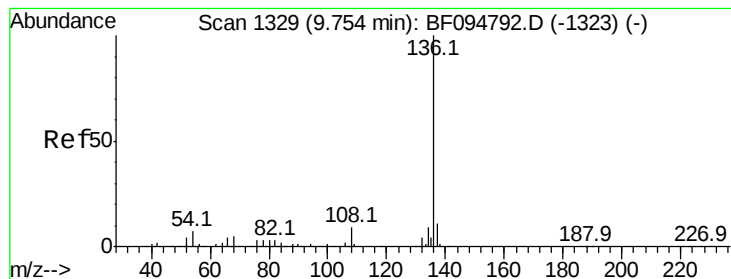
Tot Ion: 70 Resp: 219880
Ion Ratio Lower Upper
70 100
42 52.8 47.2 70.8
101 10.0 7.2 10.8
130 23.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.17 ng
RT: 8.52 min Scan# 1120
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:107 Resp: 342352
Ion Ratio Lower Upper
107 100
108 84.3 71.0 111.0
77 28.2 90.5 130.5#
79 22.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 454409

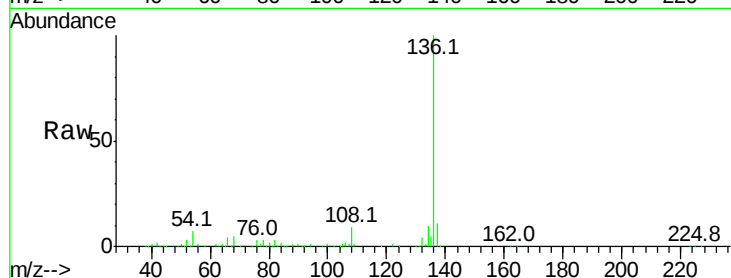
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 5.0 4.1 6.1

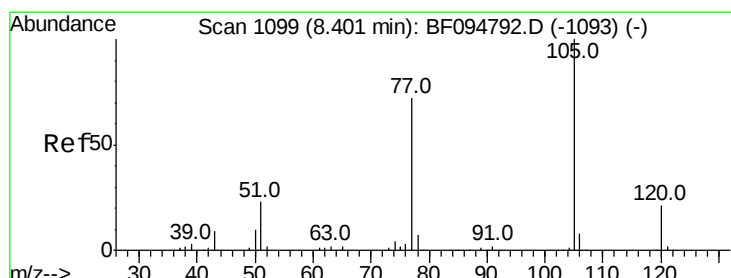
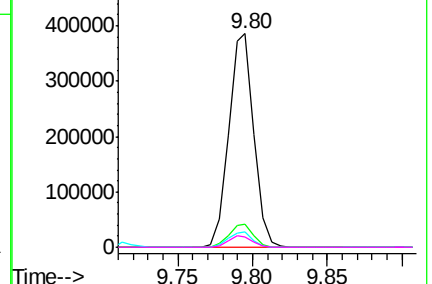
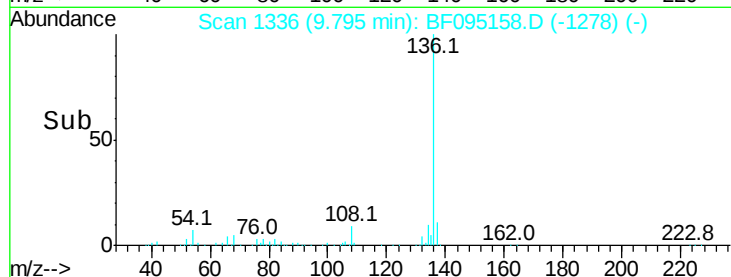


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.82 ng

RT: 8.45 min Scan# 1107

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion:105 Resp: 434162

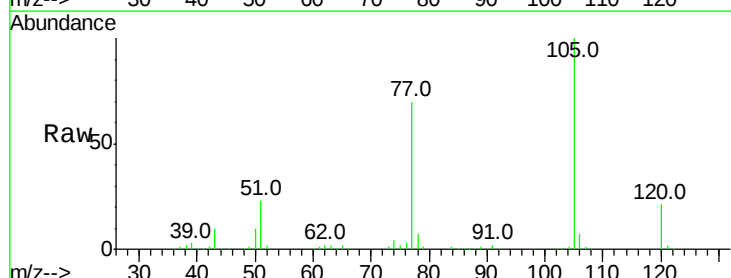
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.0 30.7 46.1#

120 20.9 17.4 26.0

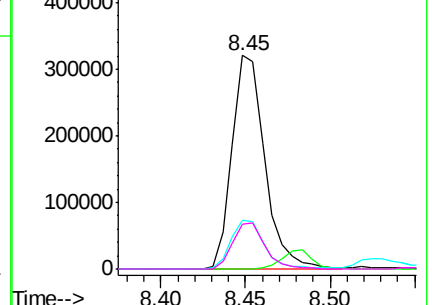
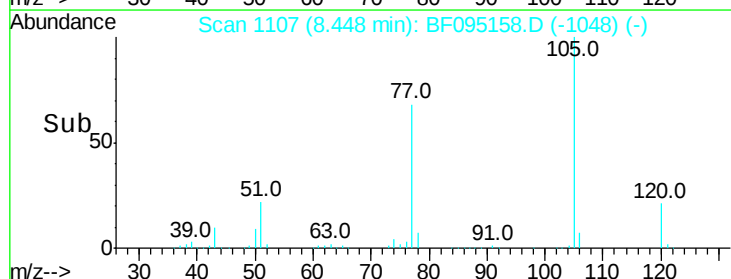


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

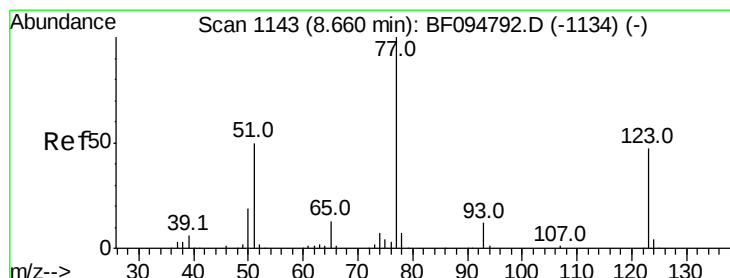
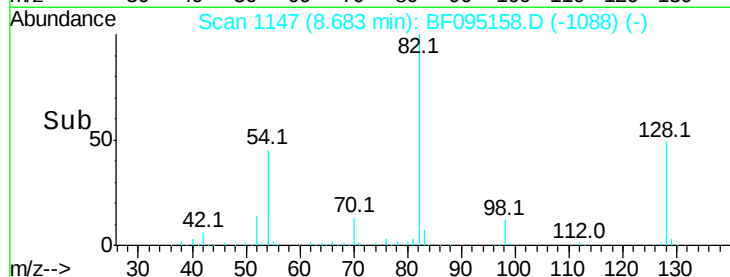
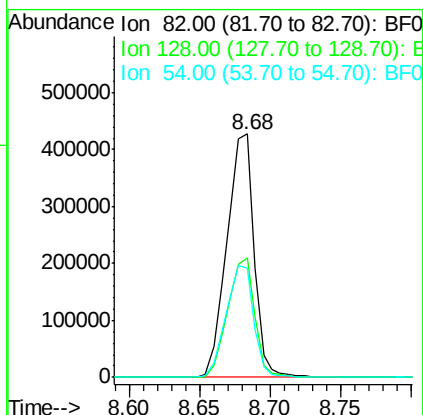
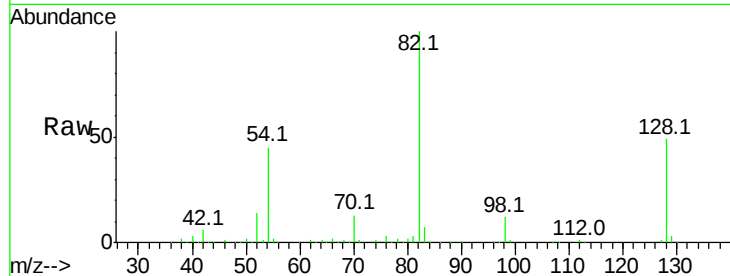




#23
 Nitrobenzene-d5
 Concen: 79.86 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

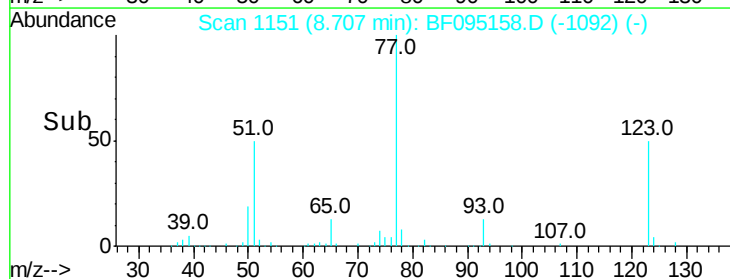
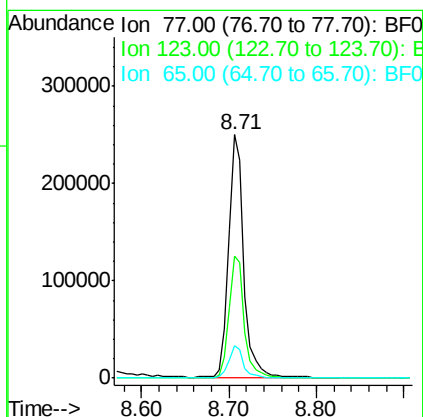
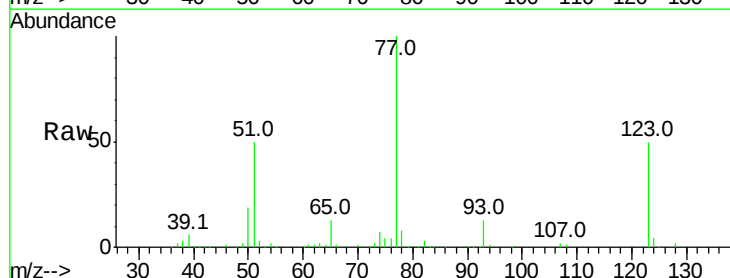
Instrument :
 BNA_F
 ClientSampleId :

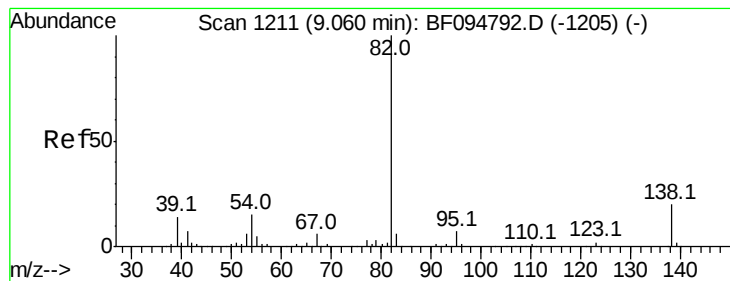
Tot Ion: 82 Resp: 575492
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.0 51.0
 54 45.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 39.74 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion: 77 Resp: 300189
 Ion Ratio Lower Upper
 77 100
 123 50.2 35.8 53.8
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 41.46 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

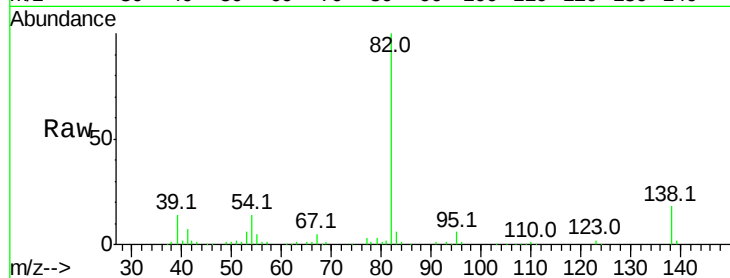
Tot Ion: 82 Resp: 533524

Ion Ratio Lower Upper

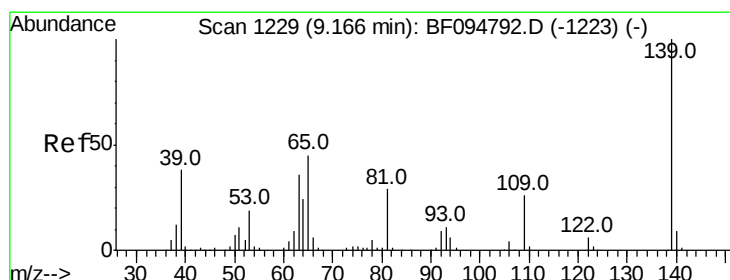
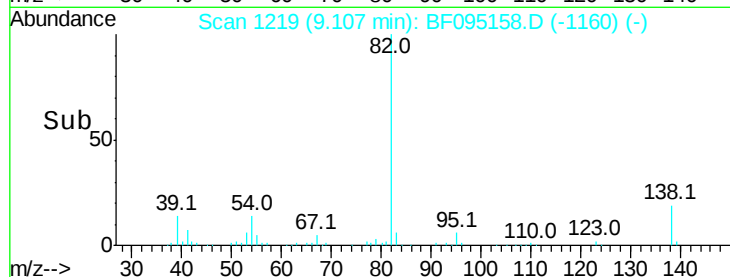
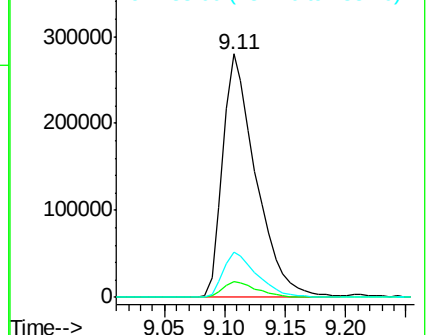
82 100

95 6.2 5.3 7.9

138 18.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.16 ng

RT: 9.21 min Scan# 1237

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

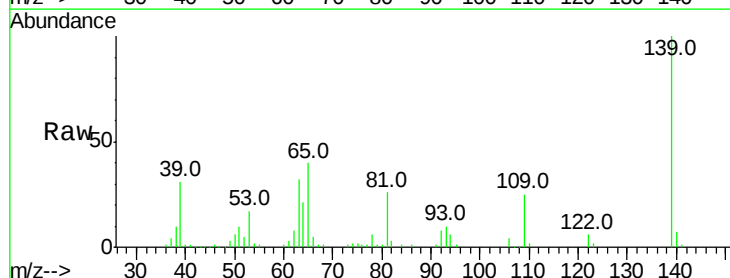
Tgt Ion:139 Resp: 171821

Ion Ratio Lower Upper

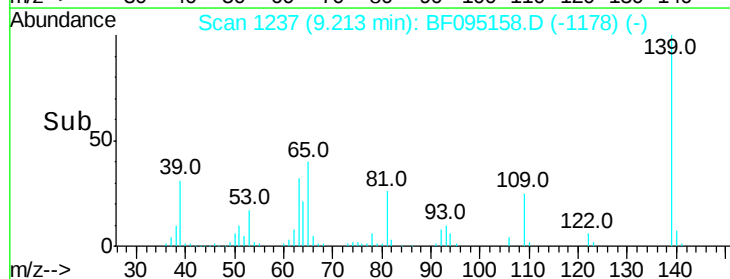
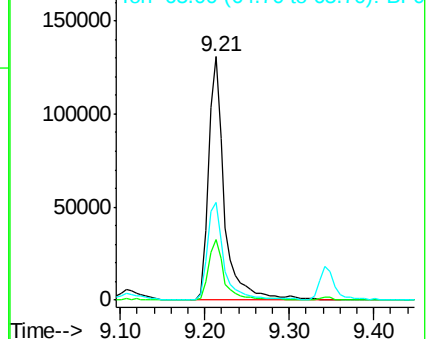
139 100

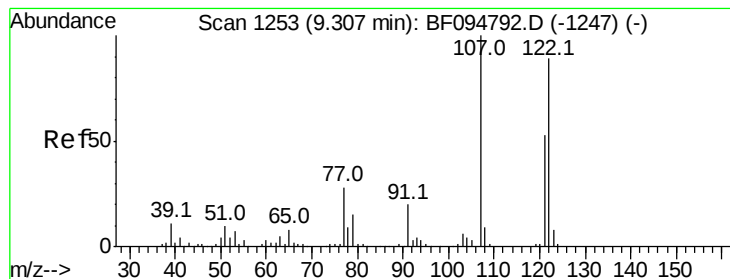
109 24.7 21.0 31.6

65 40.2 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 39.91 ng

RT: 9.34 min Scan# 1259

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

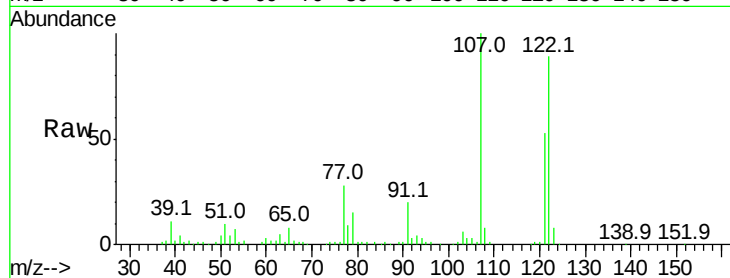
Tot Ion:122 Resp: 262983

Ion Ratio Lower Upper

122 100

107 112.0 89.2 133.8

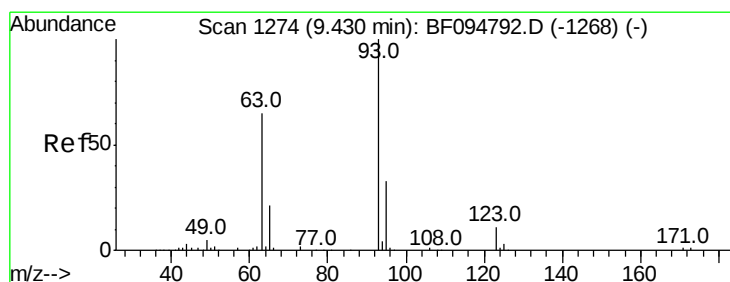
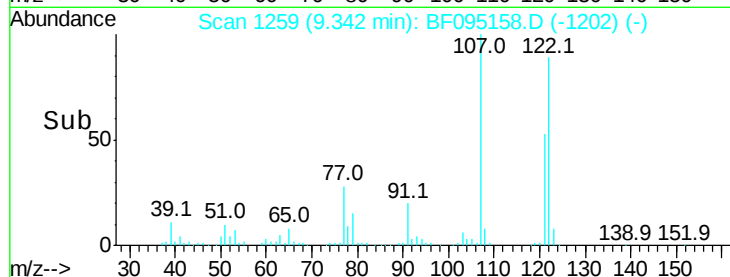
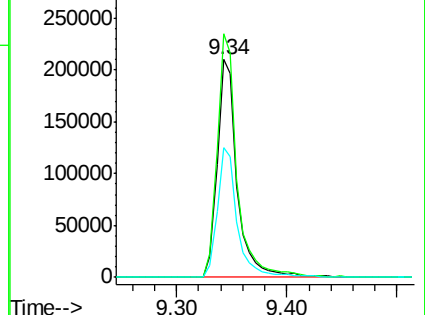
121 59.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.64 ng

RT: 9.47 min Scan# 1280

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

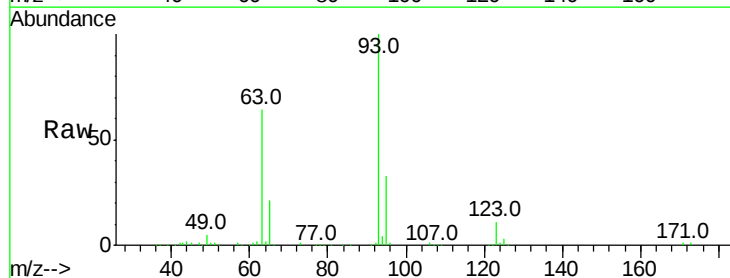
Tgt Ion: 93 Resp: 326118

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

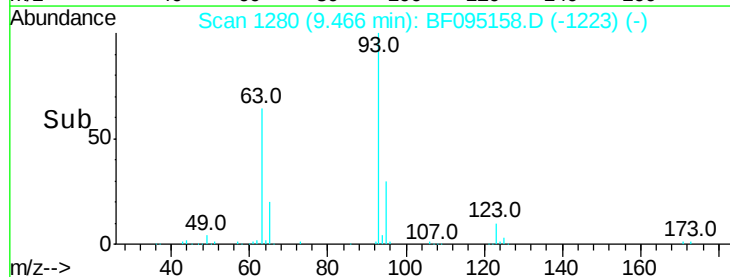
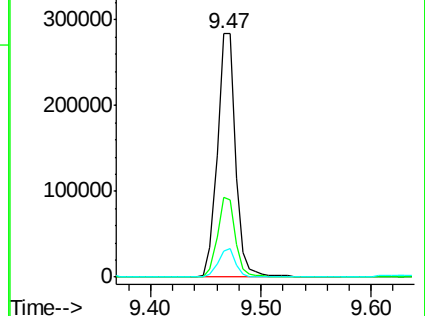
123 10.9 9.0 13.4

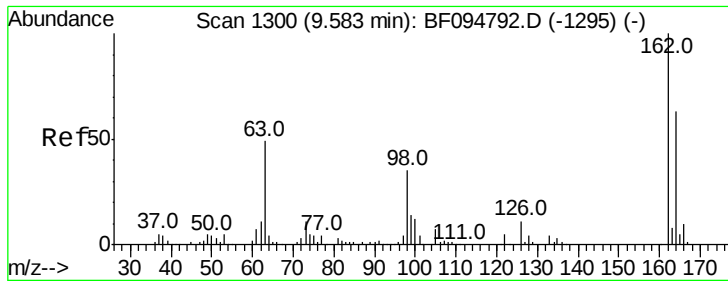


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

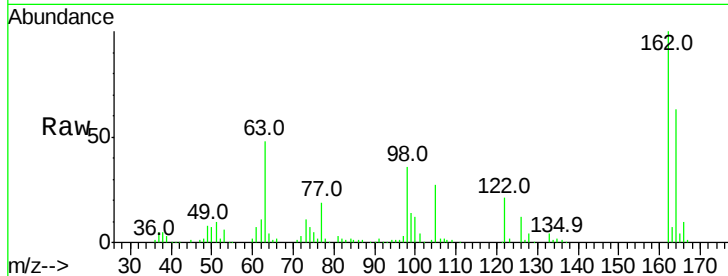




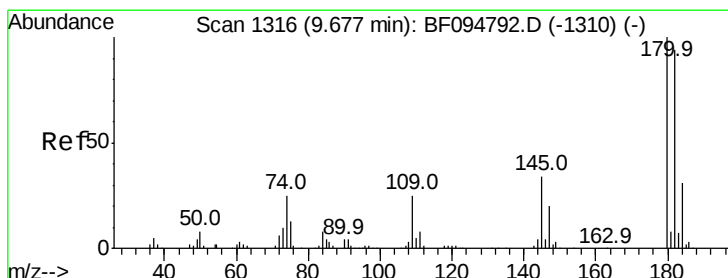
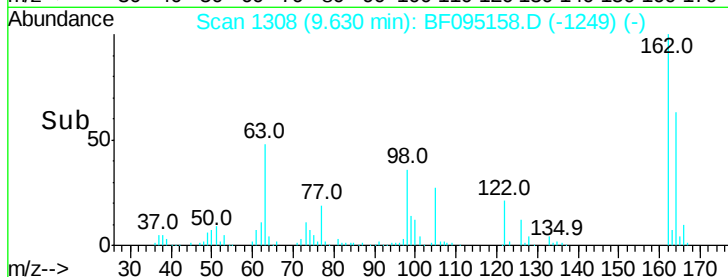
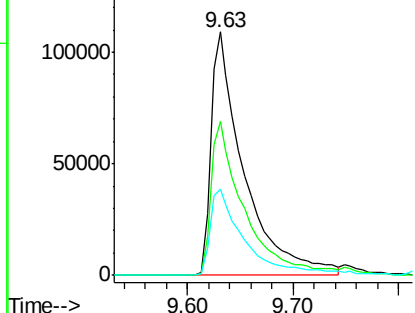
#29
 2,4-Dichlorophenol
 Concen: 38.04 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	162	Resp:	236657
Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	35.6	14.8	54.8

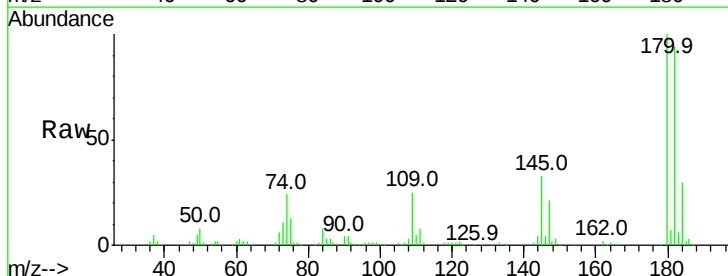


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

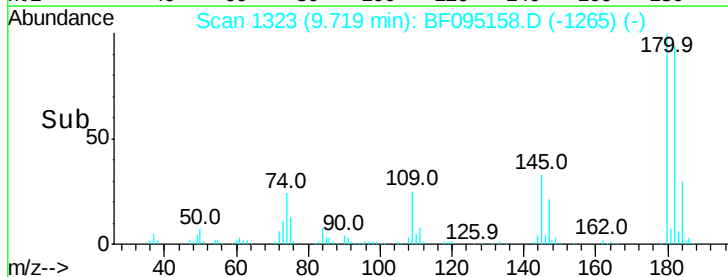
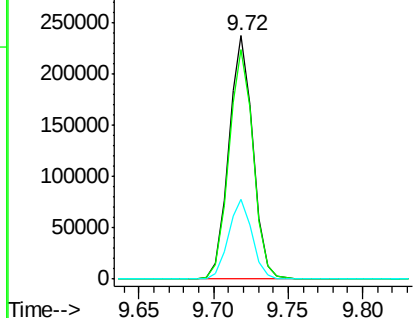


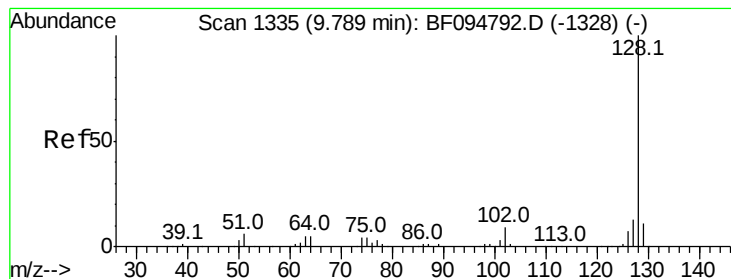
#30
 1,2,4-Trichlorobenzene
 Concen: 40.37 ng
 RT: 9.72 min Scan# 1323
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion:	180	Resp:	269115
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	32.7	25.3	37.9



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





#31

Naphthalene

Concen: 39.36 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampled :

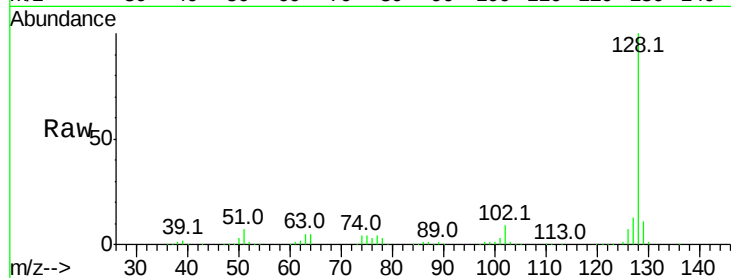
Tot Ion:128 Resp: 898966

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

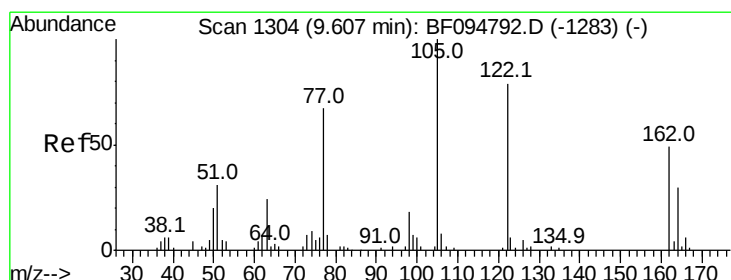
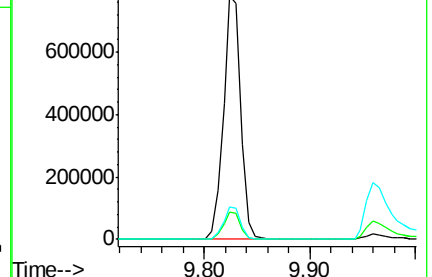
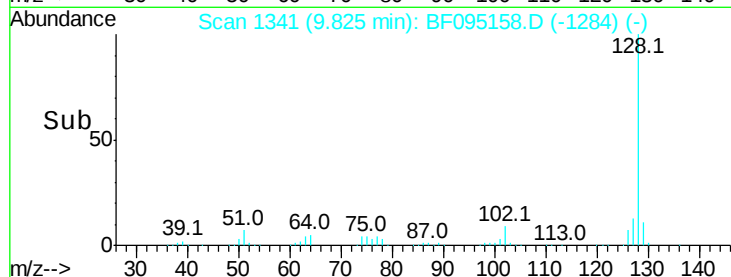
127 13.2 10.8 16.2



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: 29.64 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

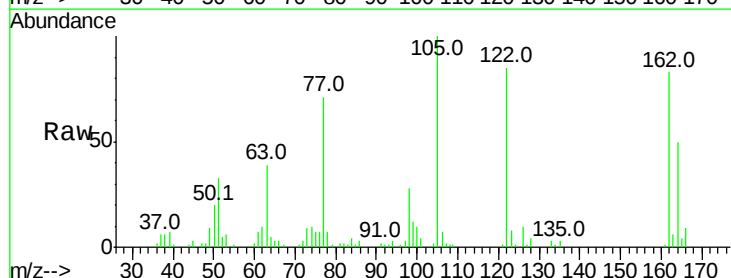
Tgt Ion:122 Resp: 118844

Ion Ratio Lower Upper

122 100

105 118.0 103.3 143.3

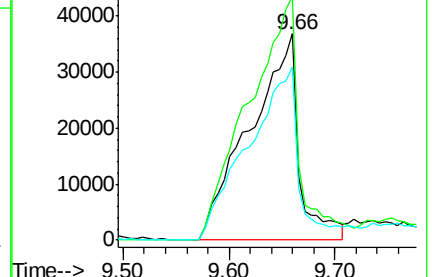
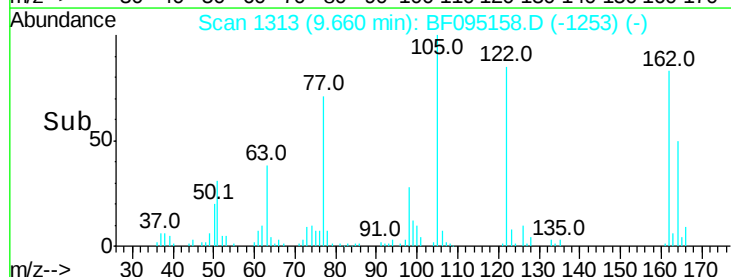
77 83.8 73.7 113.7

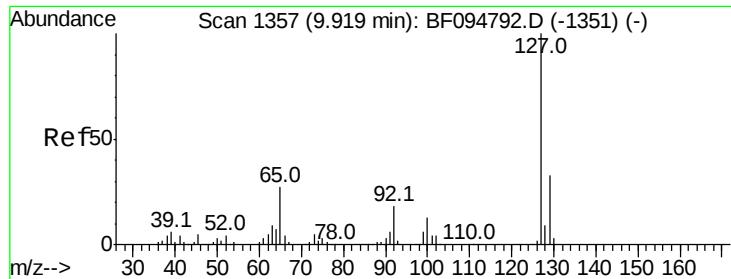


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

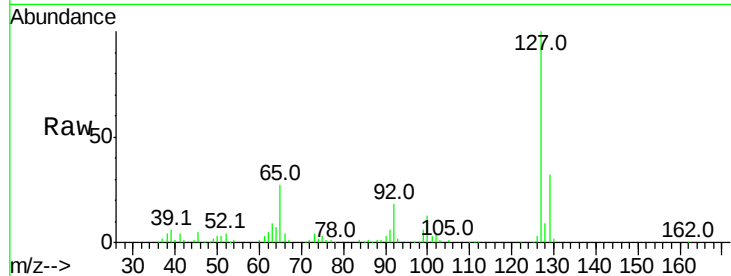




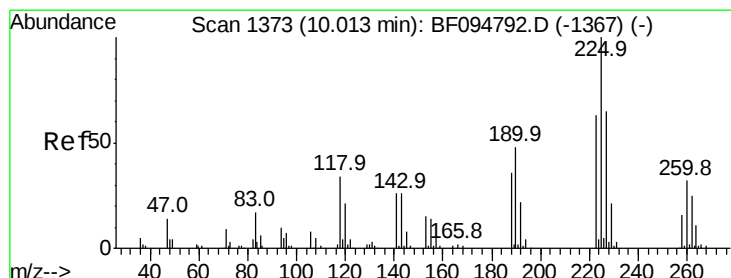
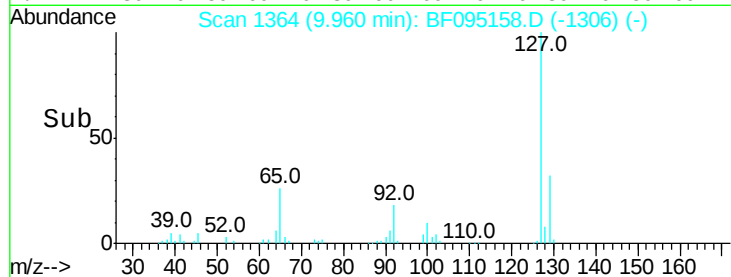
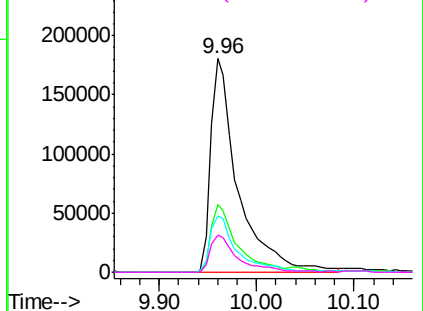
#33
 4-Chloroaniline
 Concen: 41.30 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	351524
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	26.5	27.8	41.8#
92	17.6	16.8	25.2

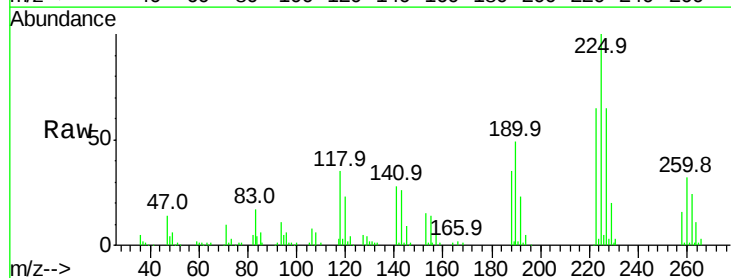


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

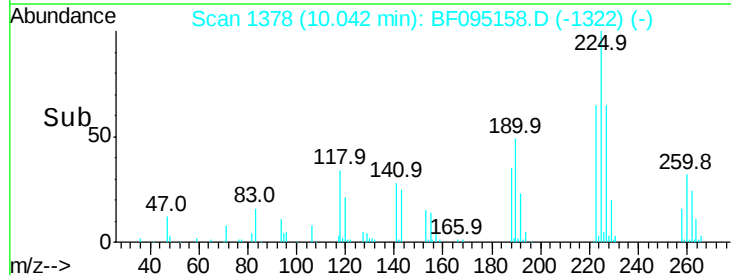
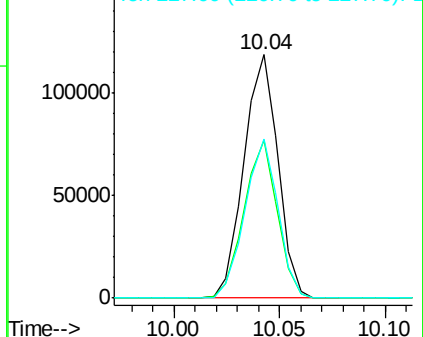


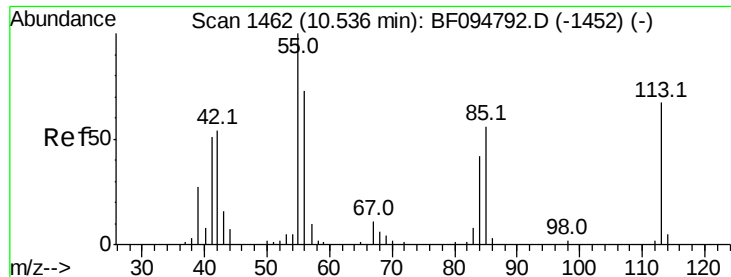
#34
 Hexachlorobutadiene
 Concen: 37.67 ng
 RT: 10.04 min Scan# 1378
 Delta R.T. 0.03 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion:	225	Resp:	132492
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	65.3	51.1	76.7



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





#35

Caprolactam

Concen: 26.24 ng

RT: 10.60 min Scan# 1473

Delta R.T. 0.06 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

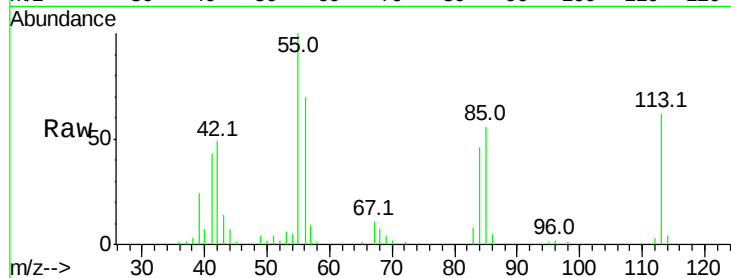
Tot Ion:113 Resp: 49024

Ion Ratio Lower Upper

113 100

55 160.4 150.2 190.2

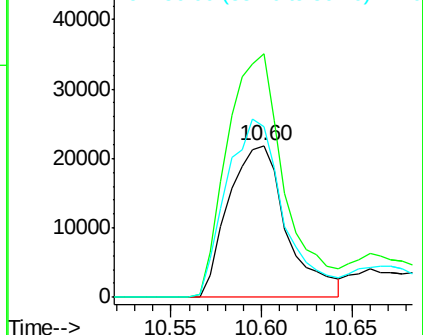
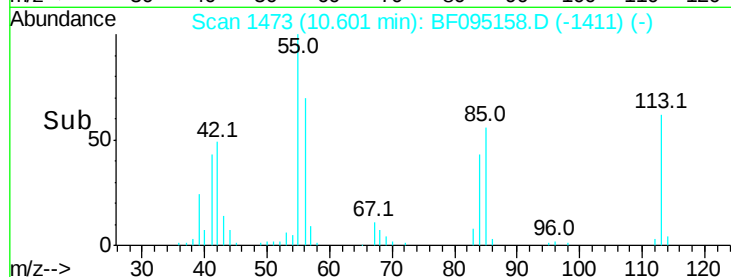
56 112.6 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.02 ng

RT: 10.81 min Scan# 1509

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

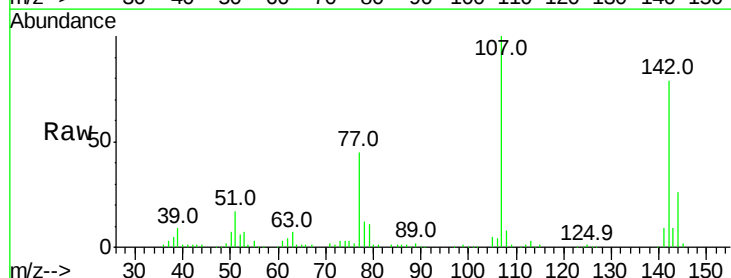
Tgt Ion:107 Resp: 266214

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

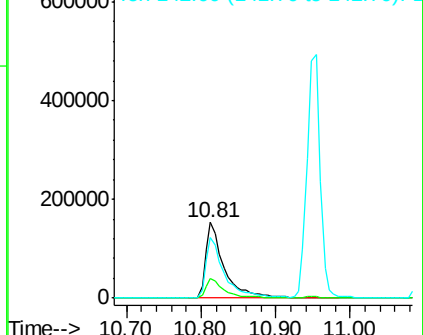
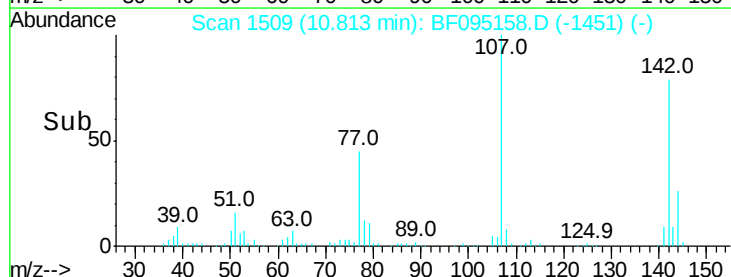
142 79.3 73.4 110.0

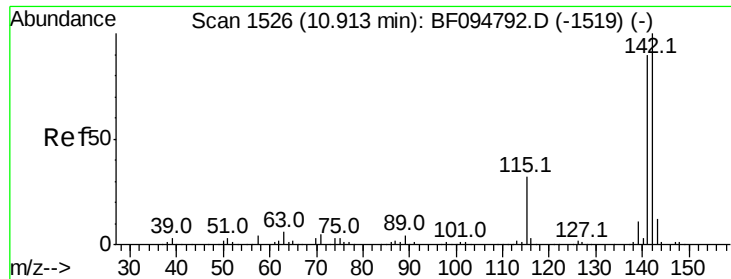


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

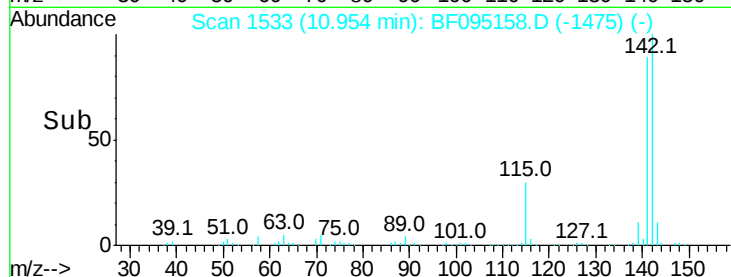
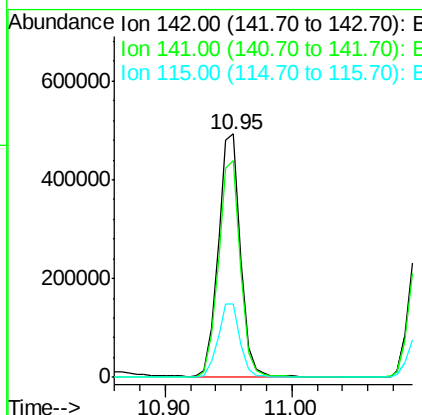
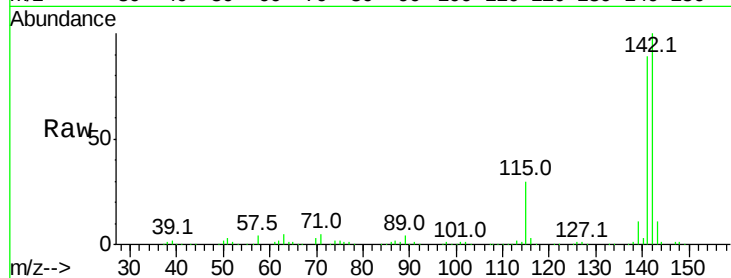




#37
2-Methylnaphthalene
Concen: 40.23 ng
RT: 10.95 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

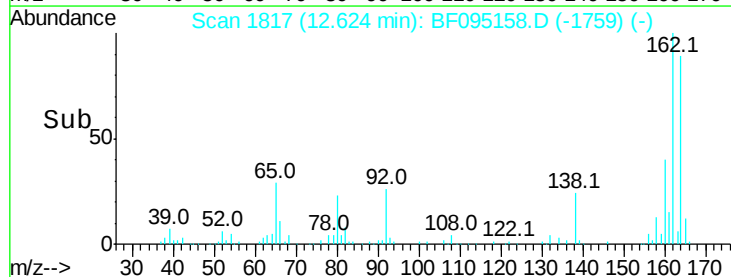
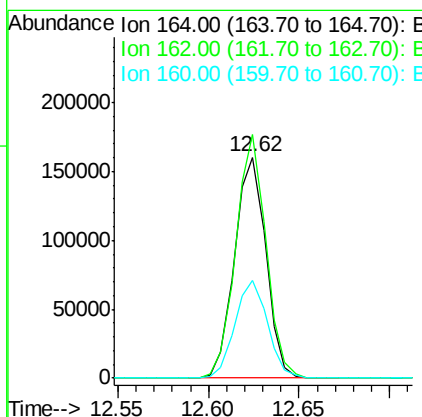
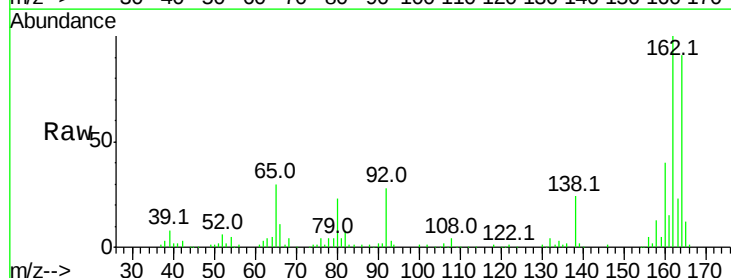
Instrument :
BNA_F
ClientSampleId :

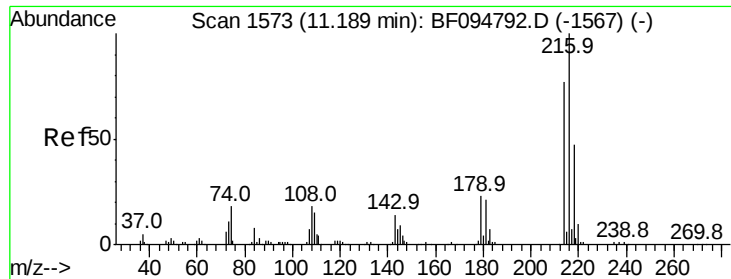
Tot Ion:142 Resp: 603069
Ion Ratio Lower Upper
142 100
141 89.2 71.3 106.9
115 30.4 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:164 Resp: 192572
Ion Ratio Lower Upper
164 100
162 110.4 82.6 123.8
160 44.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.08 ng

RT: 11.23 min Scan# 1580

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 249195

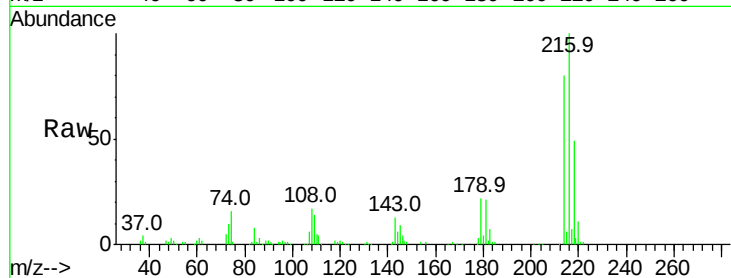
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.2 17.9 26.9

108 19.0 16.5 24.7

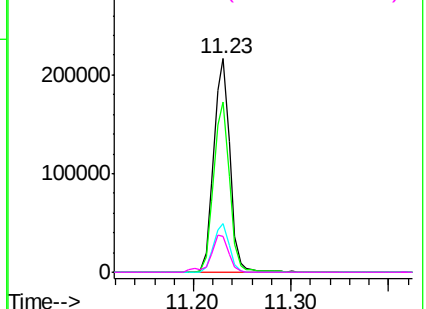
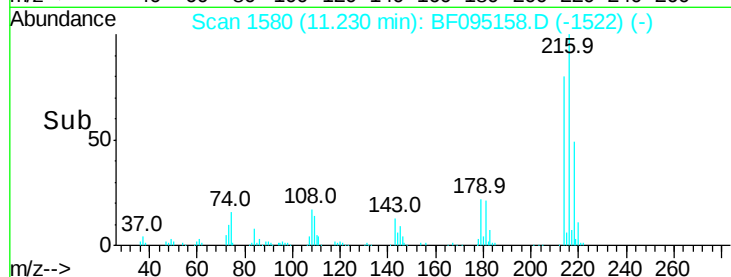


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.52 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.03 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

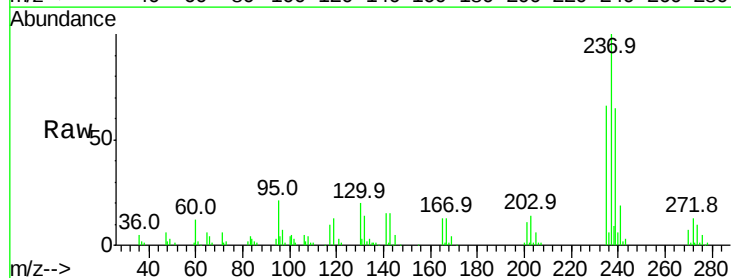
Tgt Ion:237 Resp: 100903

Ion Ratio Lower Upper

237 100

235 66.4 42.6 82.6

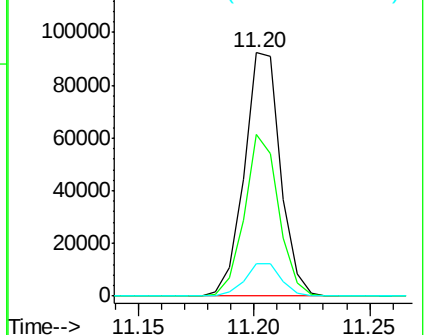
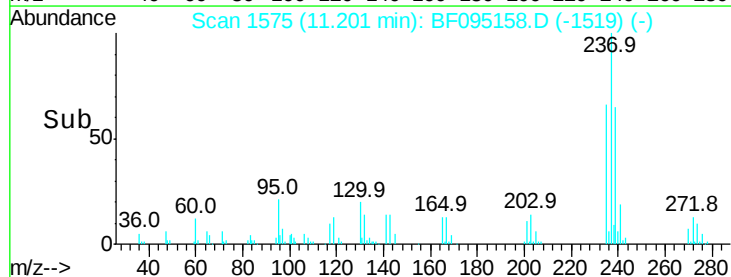
272 13.4 0.0 31.9

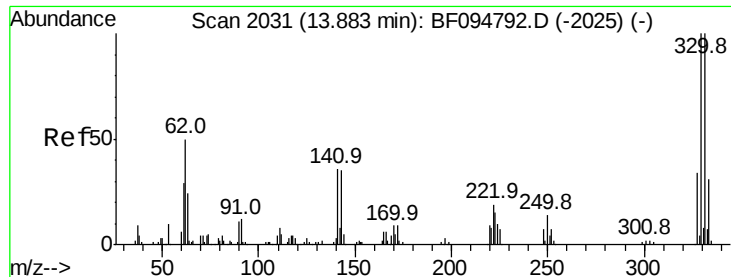


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

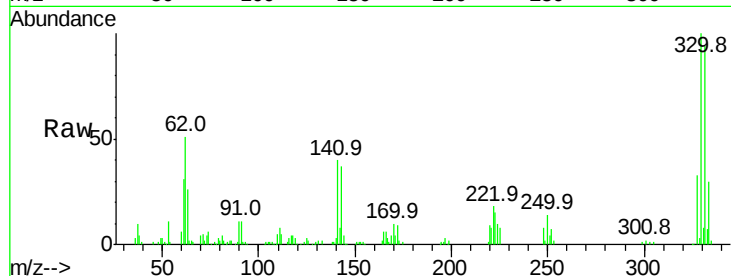




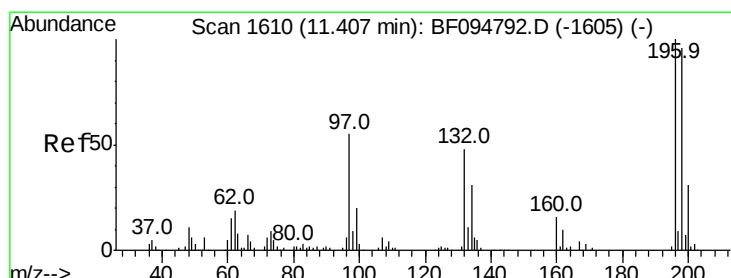
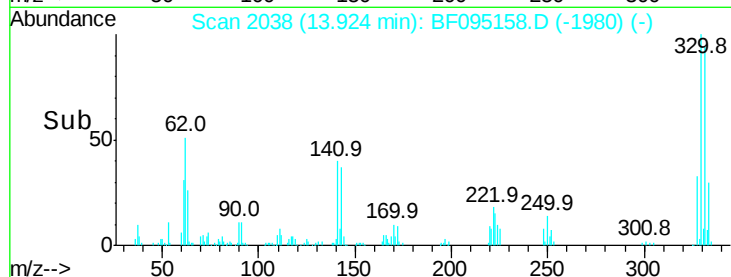
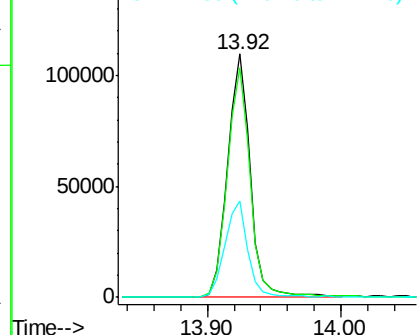
#41
 2,4,6-Tribromophenol
 Concen: 83.60 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.9	31.4	47.2

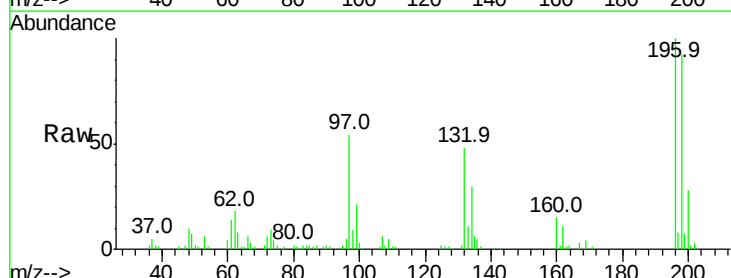


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

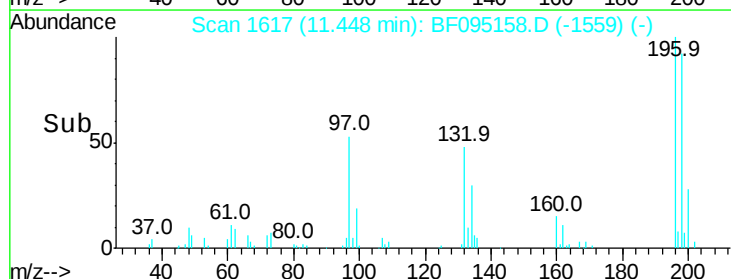
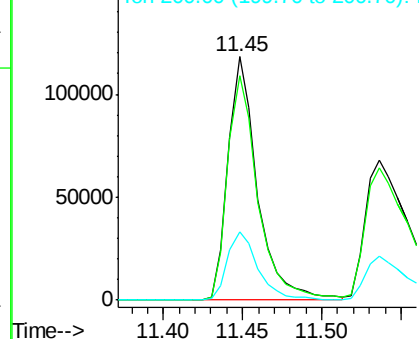


#42
 2,4,6-Trichlorophenol
 Concen: 38.43 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.2	111.4
200	28.1	24.0	36.0



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

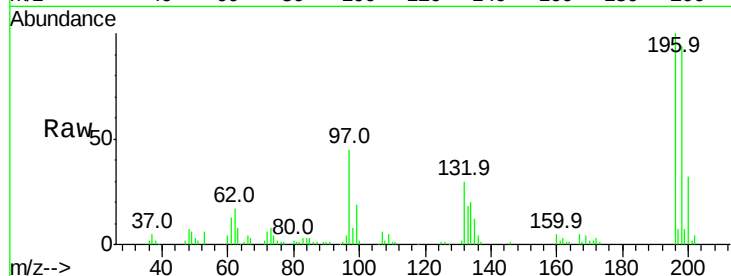




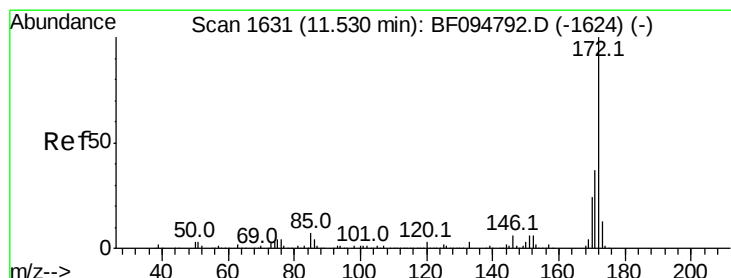
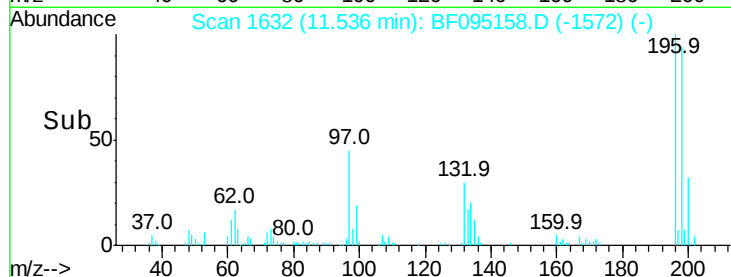
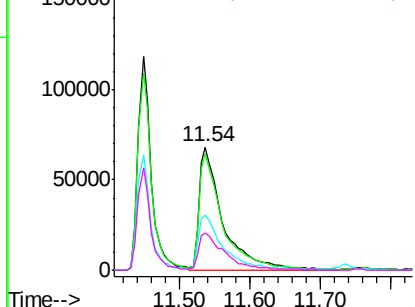
#43
 2,4,5-Trichlorophenol
 Concen: 37.70 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 160201
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 97 45.0 47.7 71.5#
 132 30.3 28.0 42.0

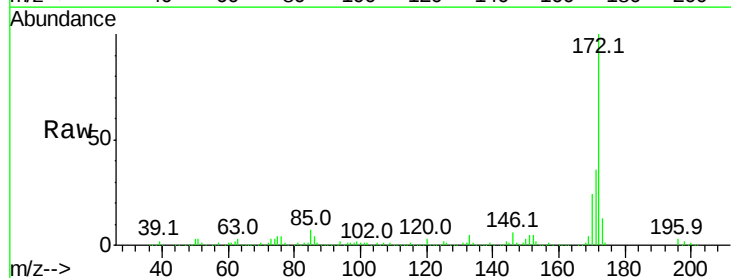


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

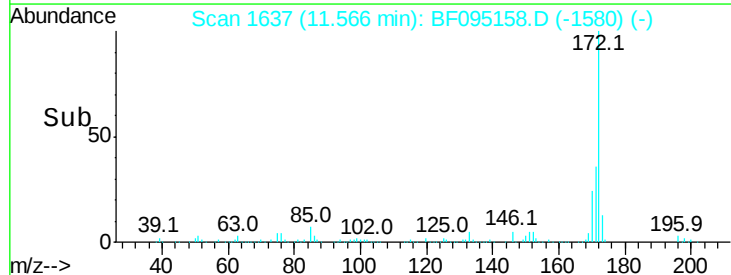
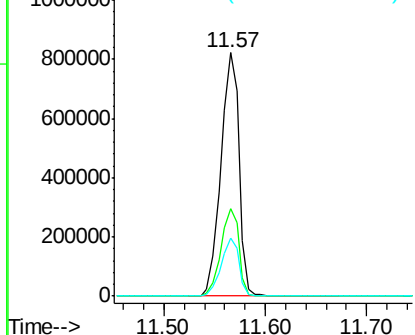


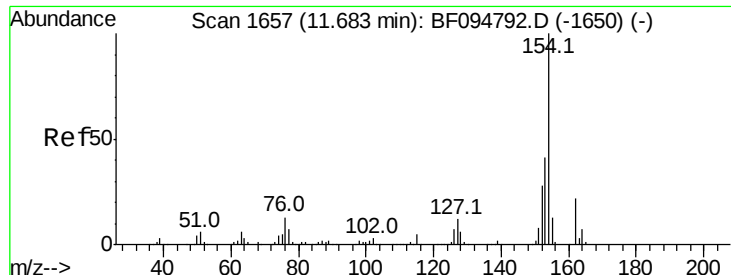
#44
 2-Fluorobiphenyl
 Concen: 76.20 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion:172 Resp: 1019548
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.8 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

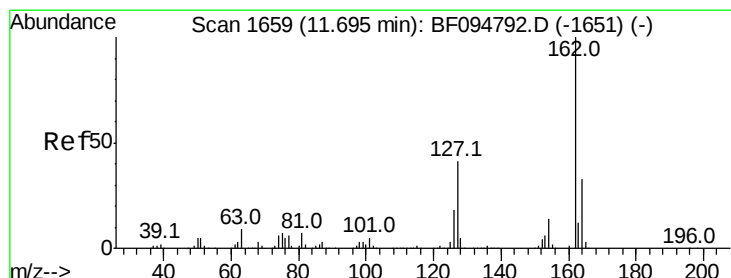
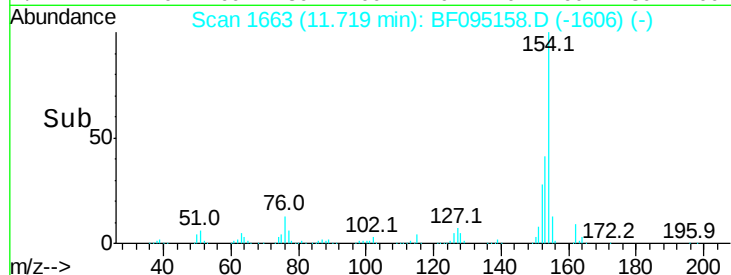
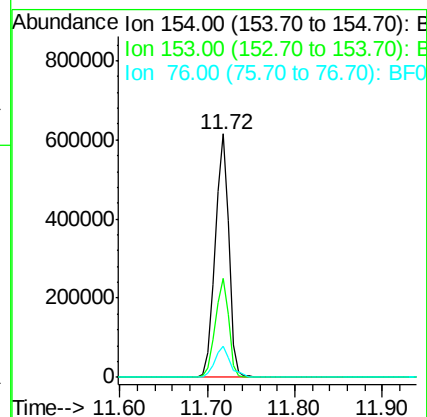
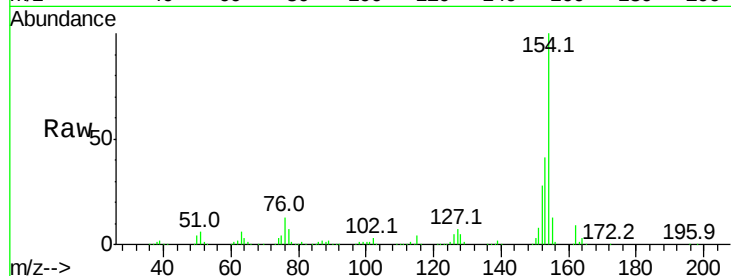




#45
 1,1'-Biphenyl
 Concen: 41.35 ng
 RT: 11.72 min Scan# 1663
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

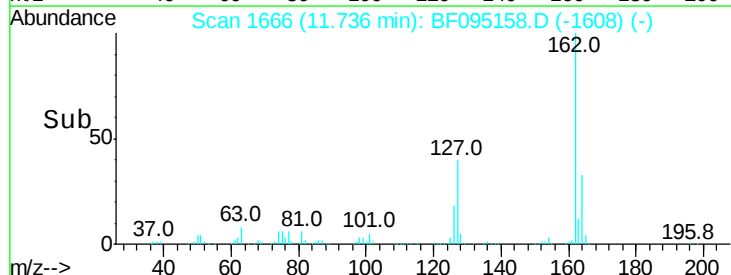
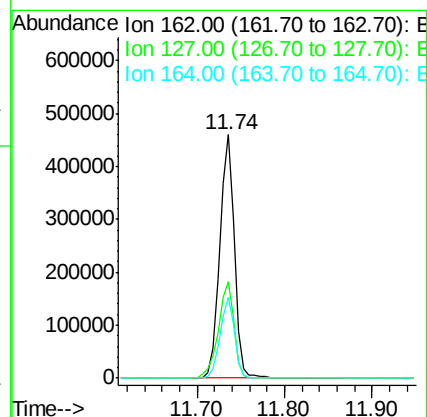
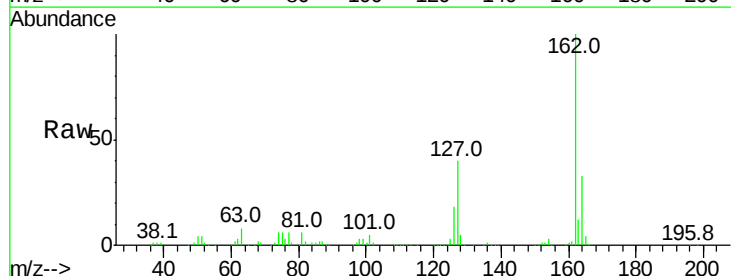
Instrument :
 BNA_F
 ClientSampleId :

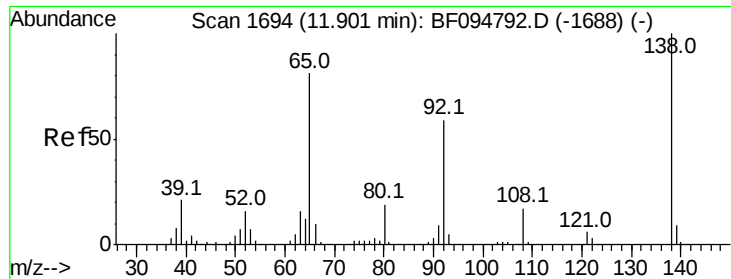
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	12.9	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 40.91 ng
 RT: 11.74 min Scan# 1666
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	28.3	42.5
164	33.2	27.0	40.4





#47

2-Nitroaniline

Concen: 41.57 ng

RT: 11.95 min Scan# 1702

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampled :

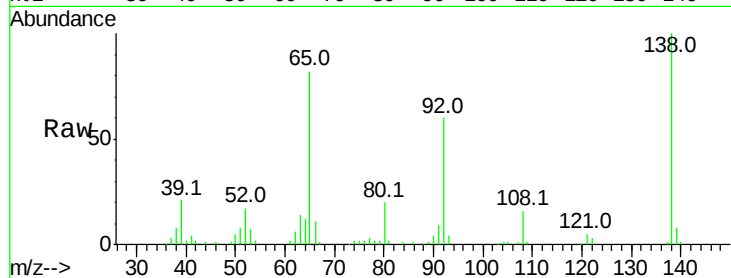
Tot Ion: 65 Resp: 148950

Ion Ratio Lower Upper

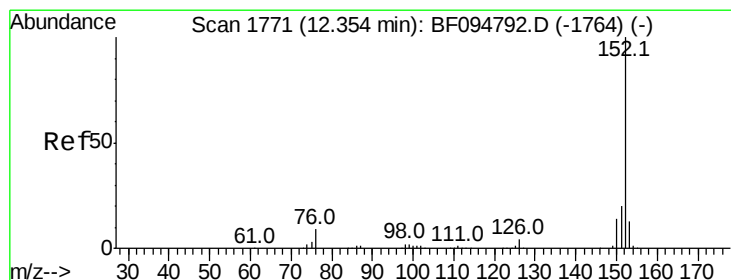
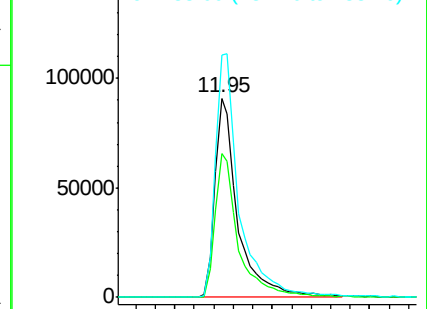
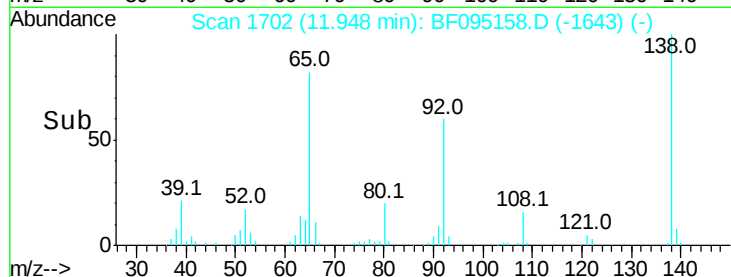
65 100

92 72.4 53.9 80.9

138 121.6 78.8 118.2#



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



#48

Acenaphthylene

Concen: 42.29 ng

RT: 12.40 min Scan# 1778

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

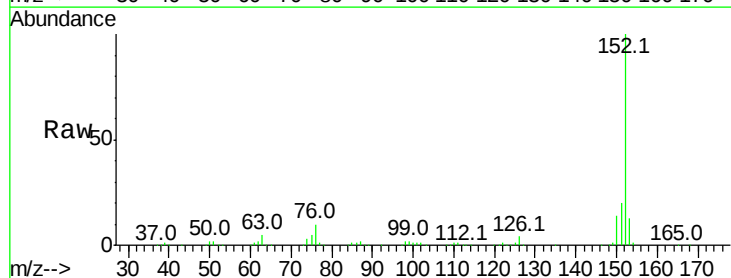
Tgt Ion: 152 Resp: 867172

Ion Ratio Lower Upper

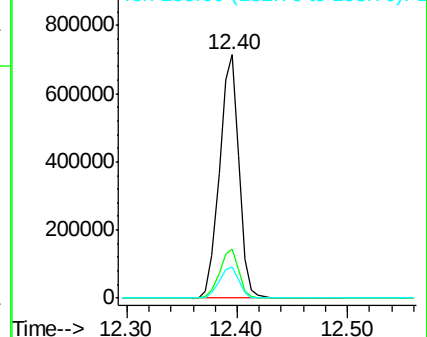
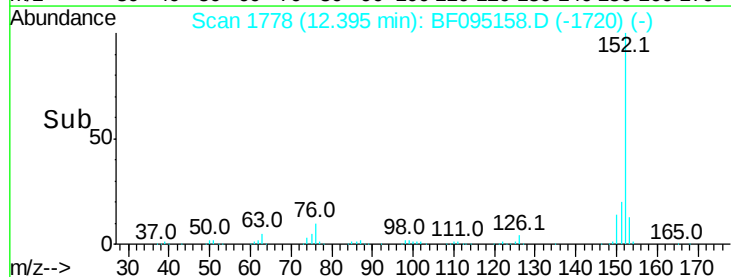
152 100

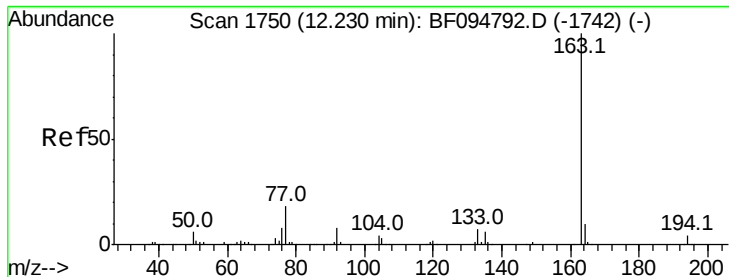
151 20.4 16.8 25.2

153 12.8 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: 42.57 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

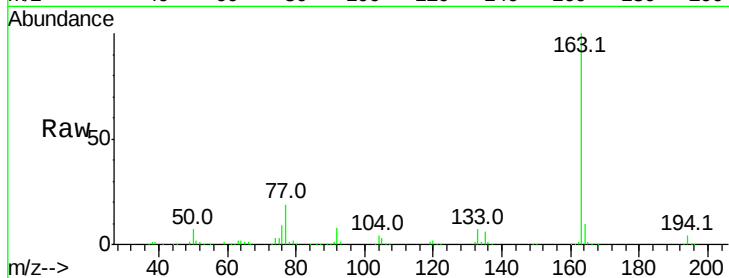
Tot Ion:163 Resp: 673054

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

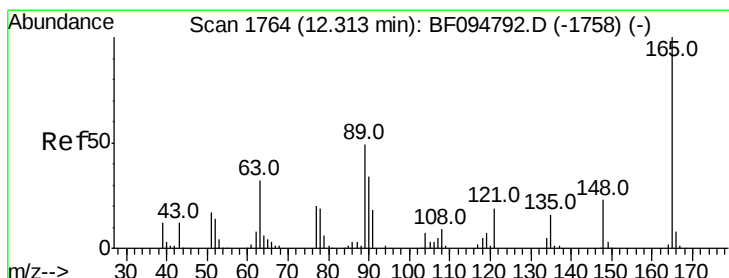
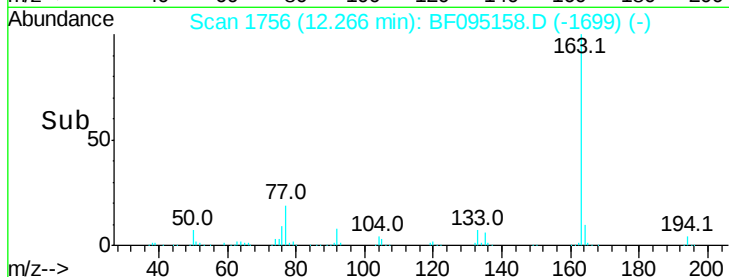
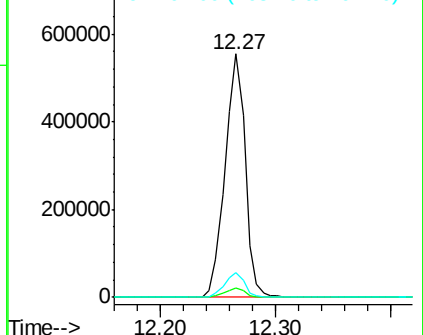
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.61 ng

RT: 12.36 min Scan# 1772

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

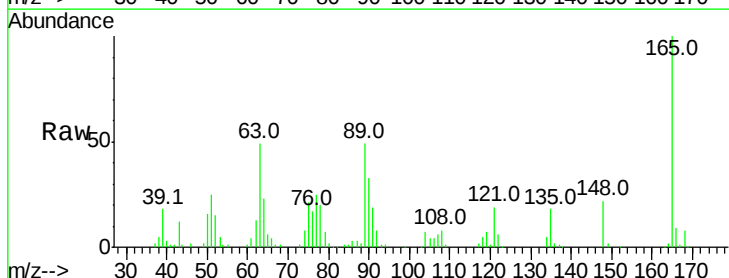
Tgt Ion:165 Resp: 140666

Ion Ratio Lower Upper

165 100

63 49.3 34.3 51.5

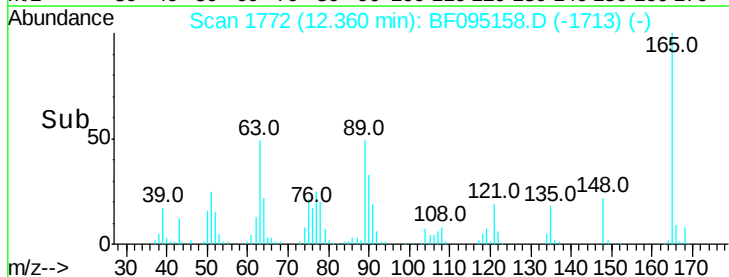
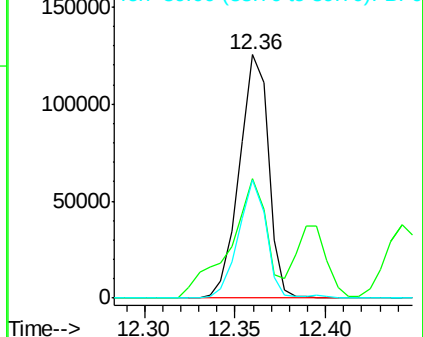
89 48.6 37.1 55.7



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: 39.85 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

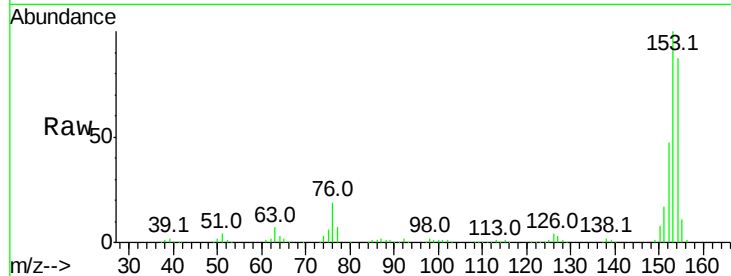
Tot Ion:154 Resp: 488109

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

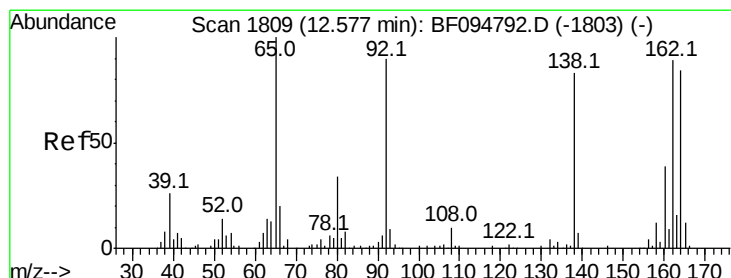
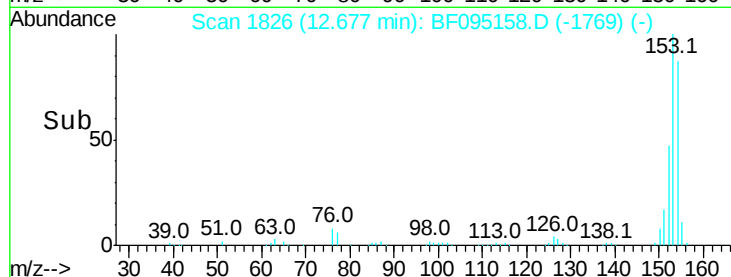
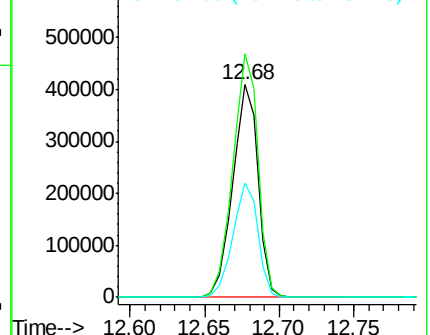
152 54.0 43.6 65.4



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: 39.94 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

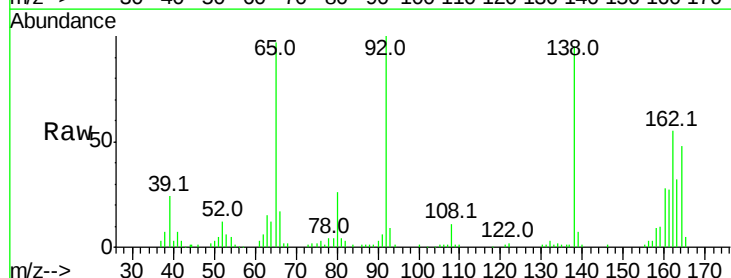
Tgt Ion:138 Resp: 138272

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

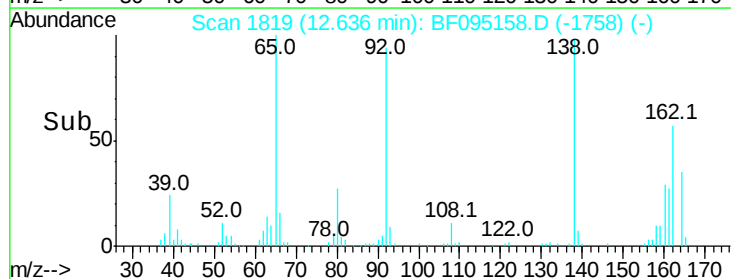
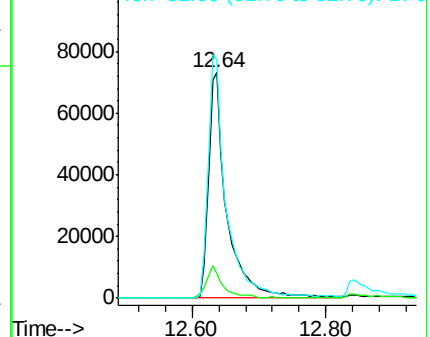
92 105.7 93.8 140.6

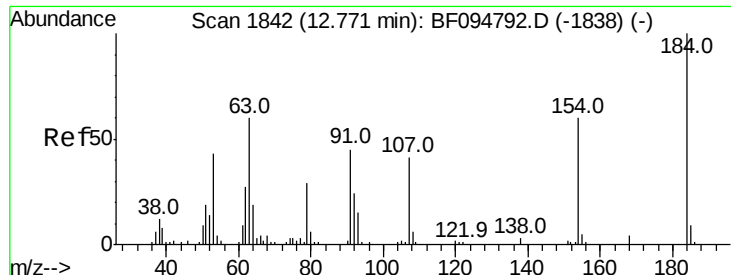


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 34.64 ng

RT: 12.84 min Scan# 1854

Delta R.T. 0.07 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

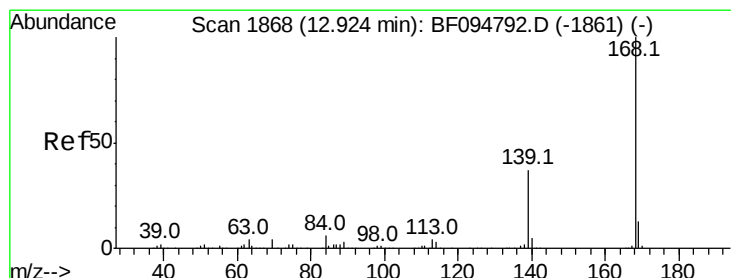
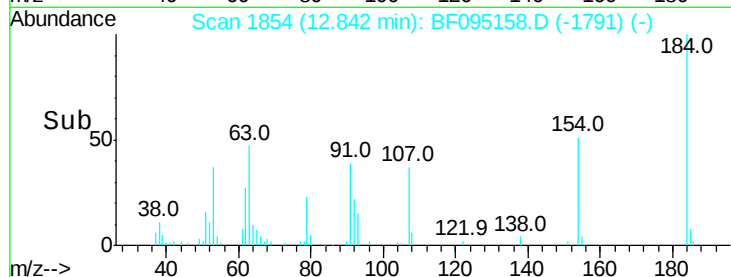
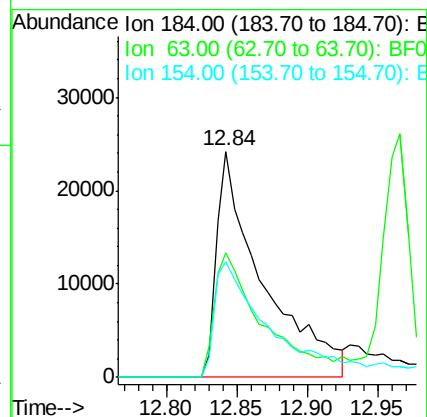
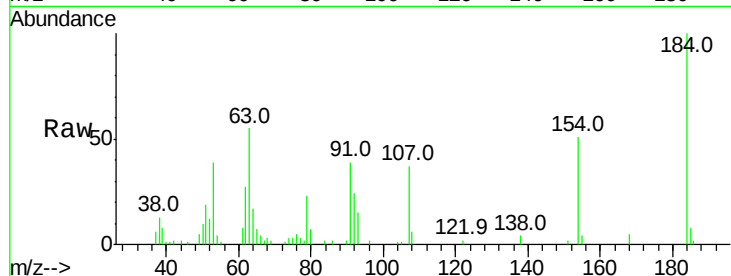
Tot Ion:184 Resp: 54717

Ion Ratio Lower Upper

184 100

63 55.3 62.7 94.1#

154 51.4 81.1 121.7#



#54

Dibenzofuran

Concen: 42.89 ng

RT: 12.97 min Scan# 1875

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

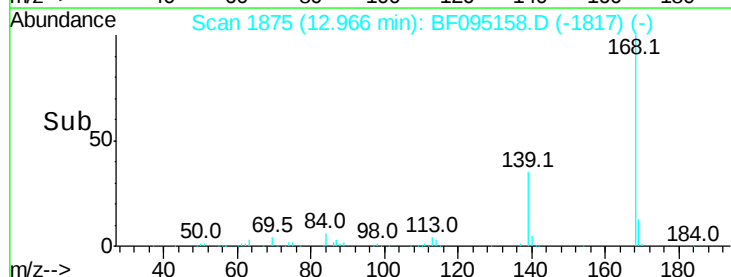
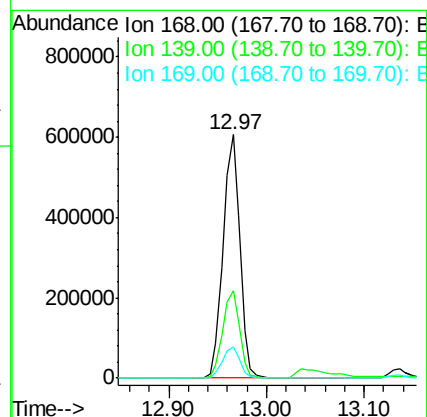
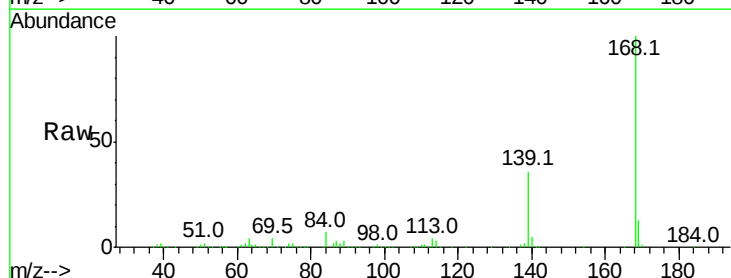
Tgt Ion:168 Resp: 726992

Ion Ratio Lower Upper

168 100

139 35.8 30.6 45.8

169 12.8 10.8 16.2

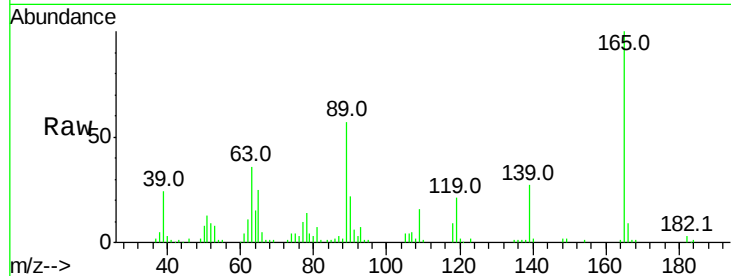




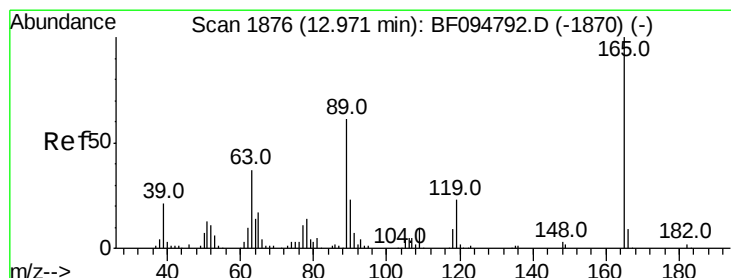
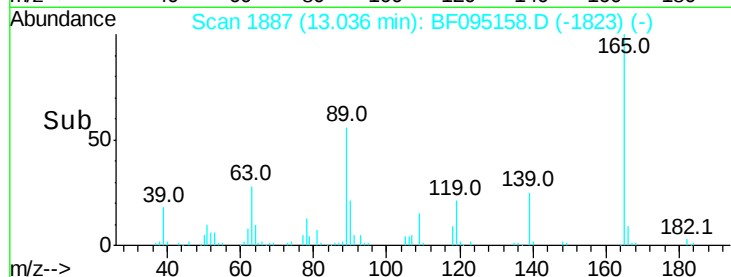
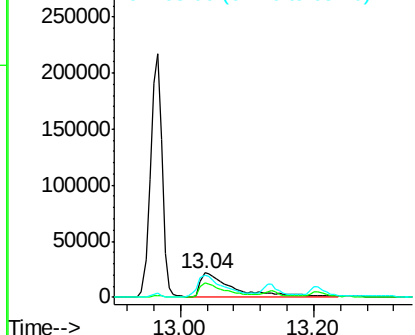
#55
4-Nitrophenol
Concen: 34.65 ng
RT: 13.04 min Scan# 1887
Delta R.T. 0.08 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 72039
Ion Ratio Lower Upper
139 100
109 58.0 34.1 74.1
65 92.0 31.4 71.4#



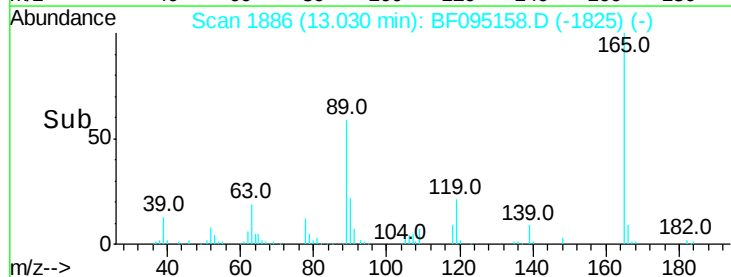
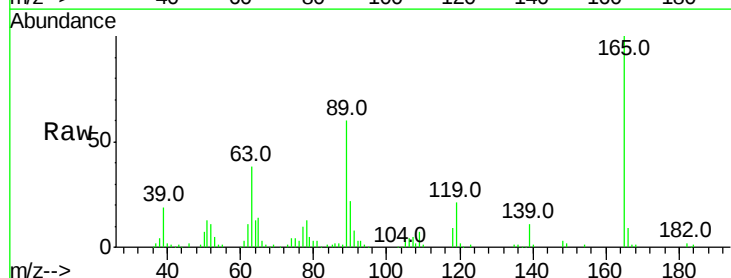
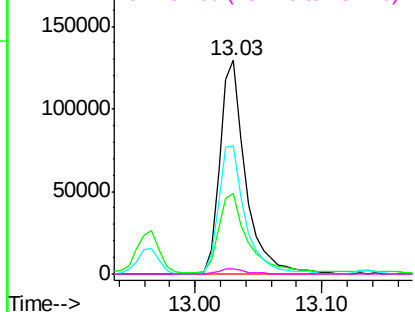
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

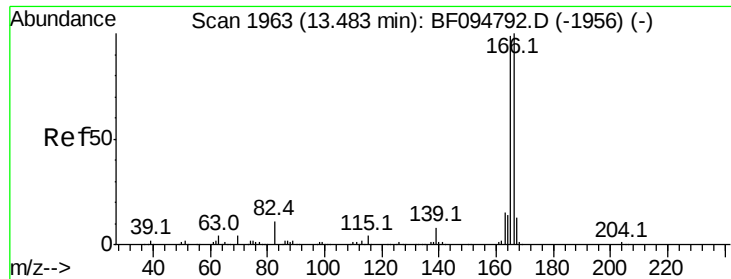


#56
2,4-Dinitrotoluene
Concen: 44.05 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:165 Resp: 182574
Ion Ratio Lower Upper
165 100
63 38.0 25.4 38.0
89 60.2 46.4 69.6
182 2.3 1.8 2.6

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

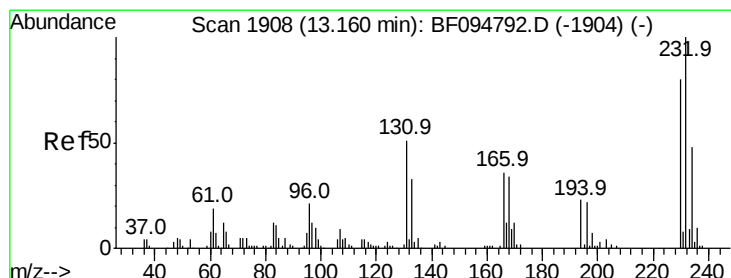
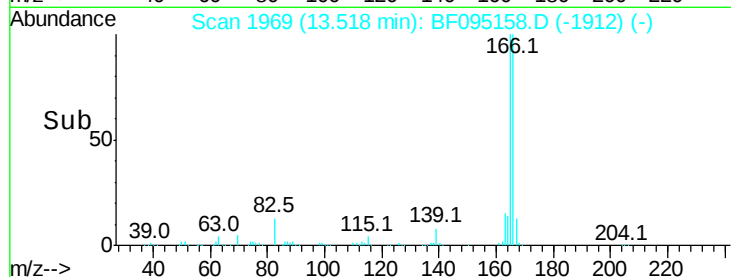
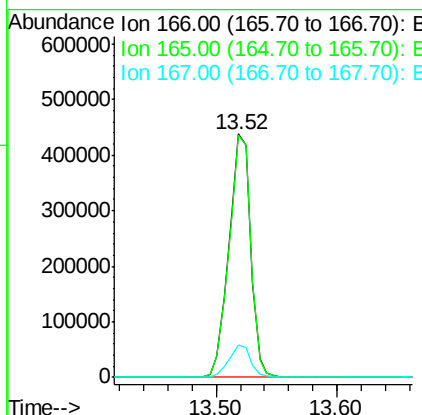
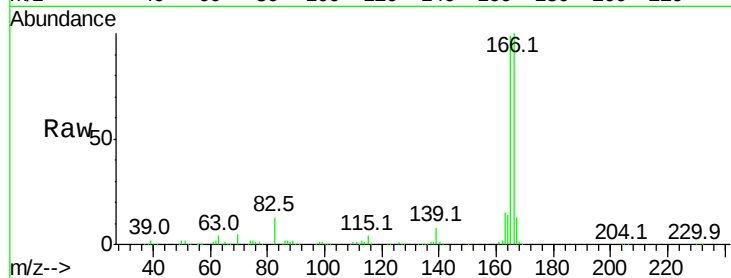




#57
 Fluorene
 Concen: 37.31 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

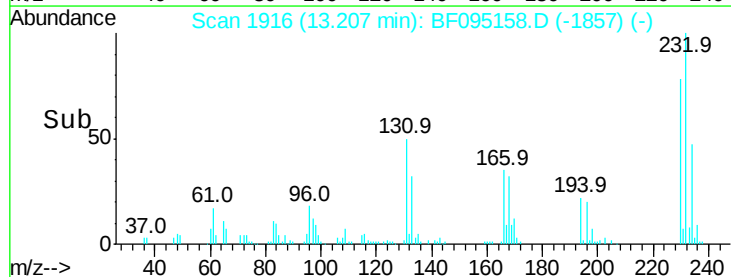
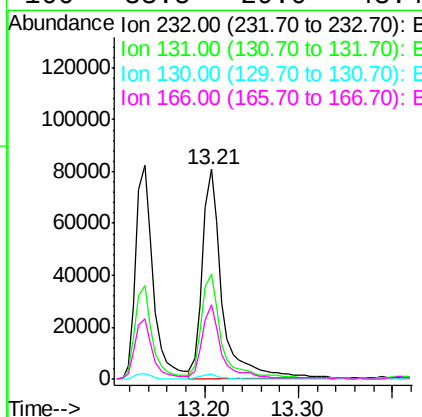
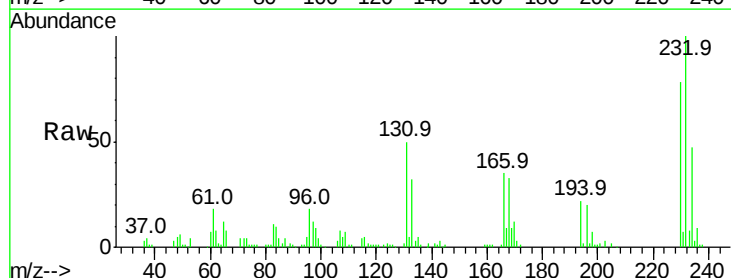
Instrument :
 BNA_F
 ClientSampleId :

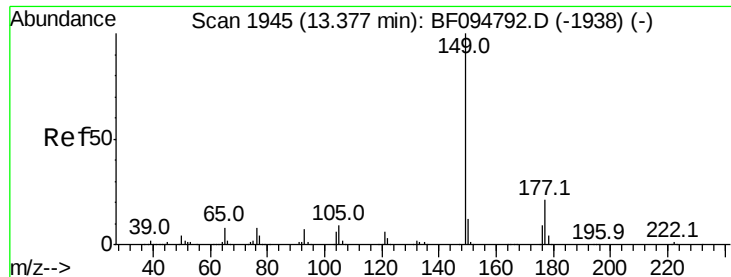
Tot Ion:166 Resp: 549891
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.45 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion:232 Resp: 118883
 Ion Ratio Lower Upper
 232 100
 131 51.0 44.8 67.2
 130 2.2 2.3 3.5#
 166 33.5 29.0 43.4

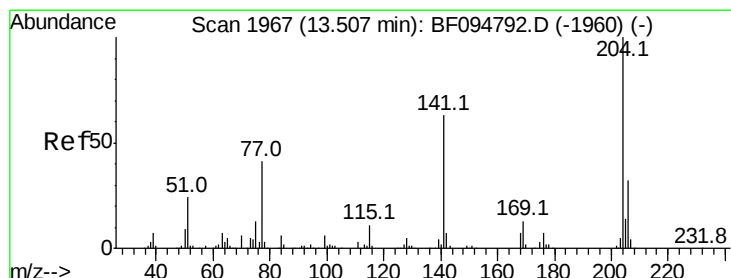
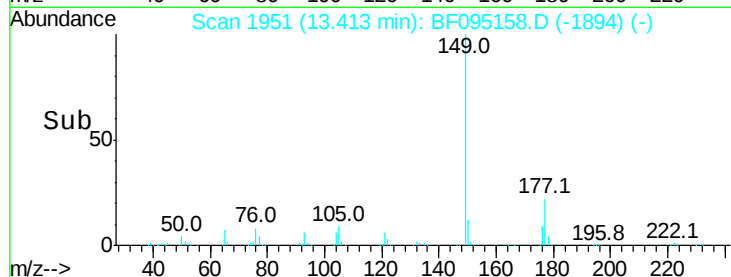
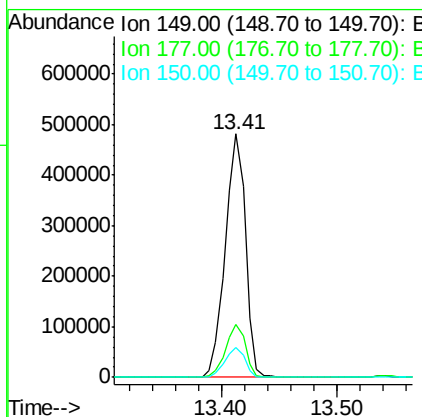
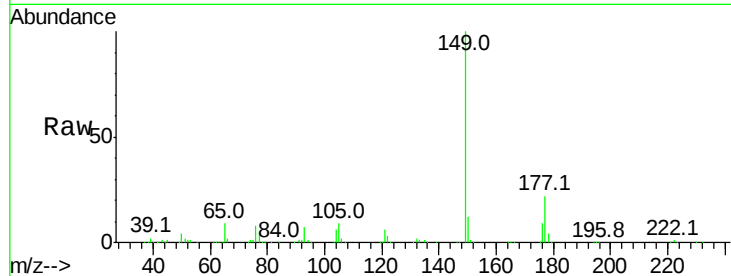




#59
Diethylphthalate
Concen: 38.57 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

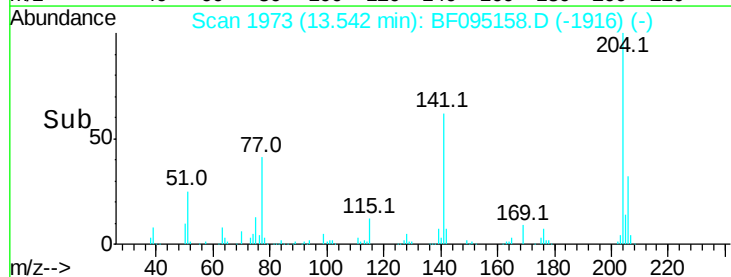
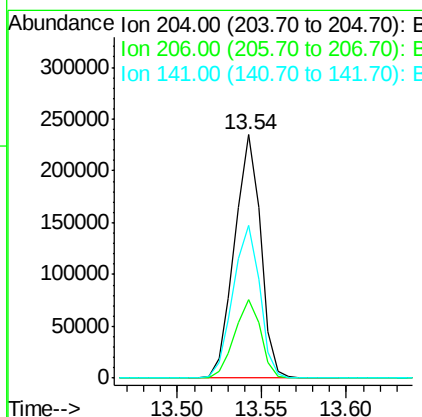
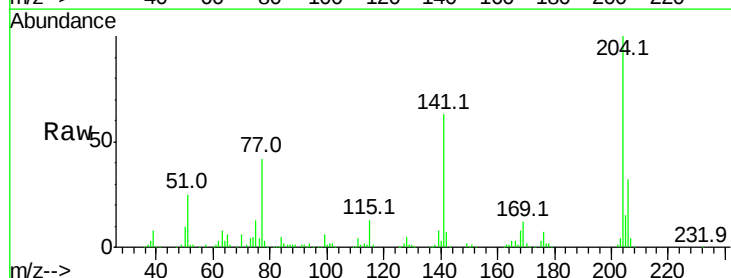
Instrument :
BNA_F
ClientSampleId :

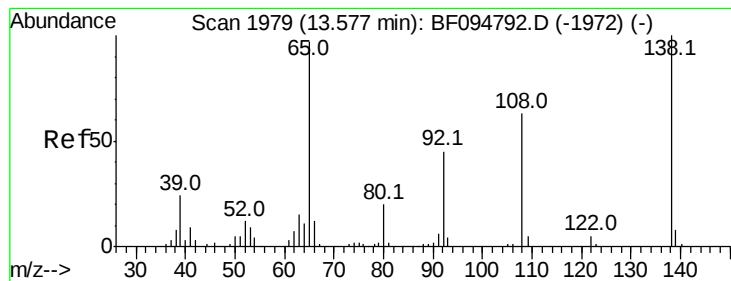
Tot Ion:149 Resp: 584440
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.19 ng
RT: 13.54 min Scan# 1973
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:204 Resp: 253847
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 62.8 60.8 91.2





#61

4-Nitroaniline

Concen: 32.43 ng

RT: 13.63 min Scan# 1988

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

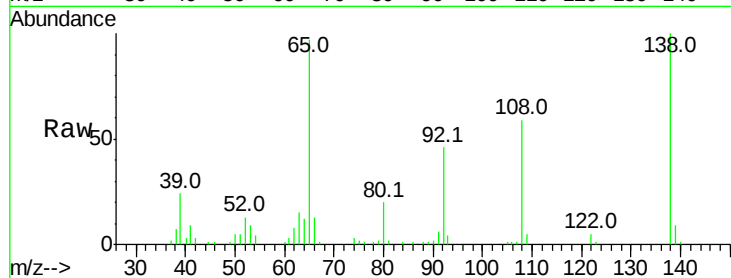
Tot Ion:138 Resp: 103048

Ion Ratio Lower Upper

138 100

92 46.1 21.8 61.8

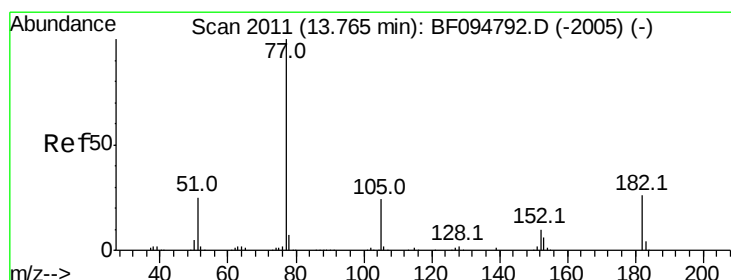
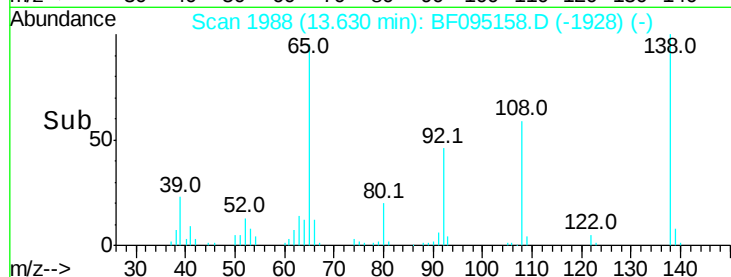
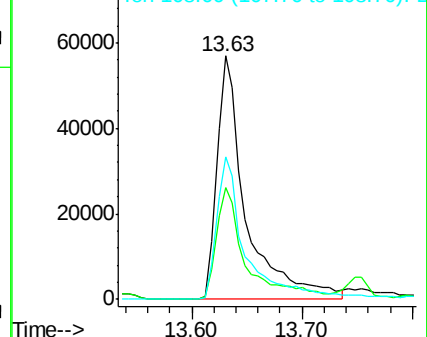
108 58.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.77 ng

RT: 13.80 min Scan# 2017

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Tgt Ion: 77 Resp: 484184

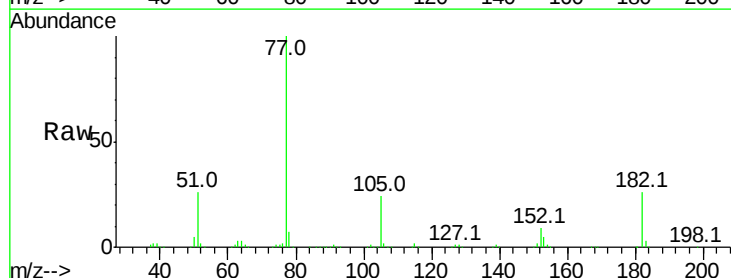
Ion Ratio Lower Upper

77 100

182 25.8 0.1 40.1

105 24.0 3.6 43.6

51 26.1 9.4 49.4

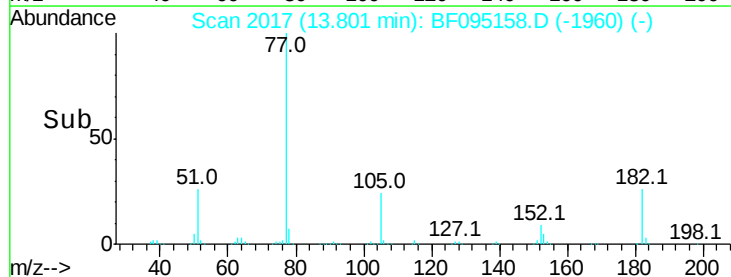
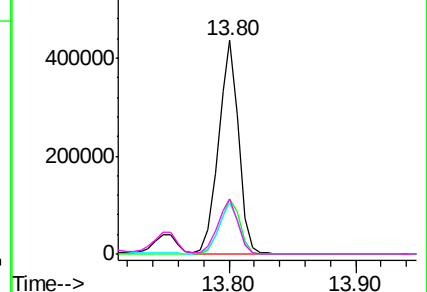


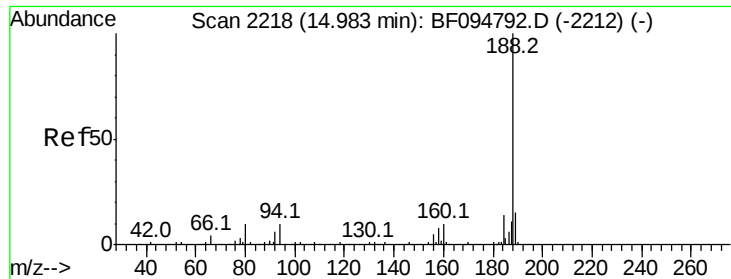
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

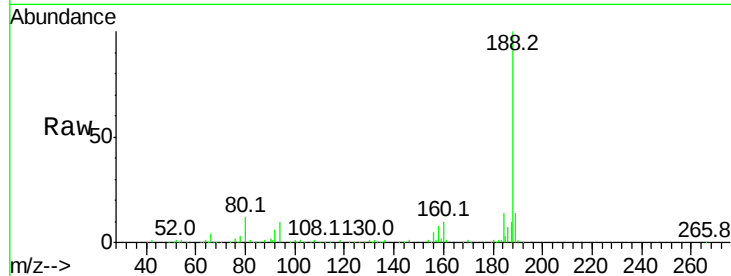
Tot Ion:188 Resp: 347637

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

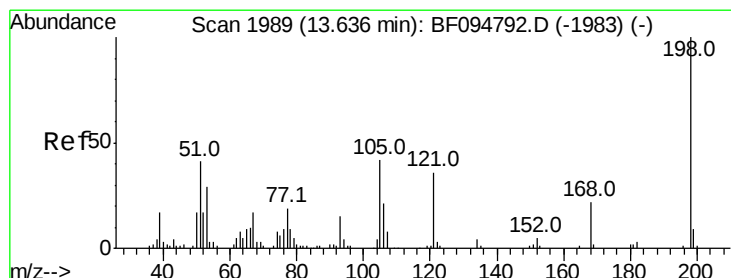
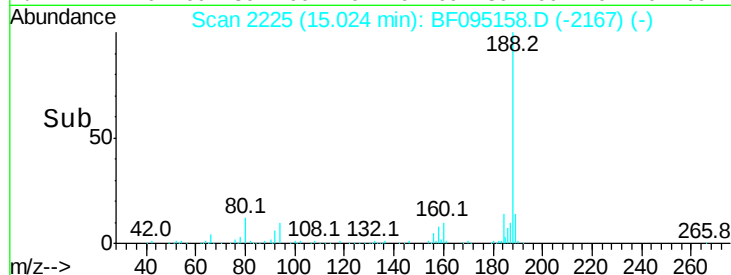
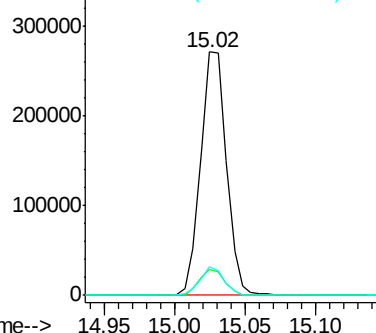
80 11.5 10.2 15.2



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: 38.18 ng

RT: 13.69 min Scan# 1999

Delta R.T. 0.06 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

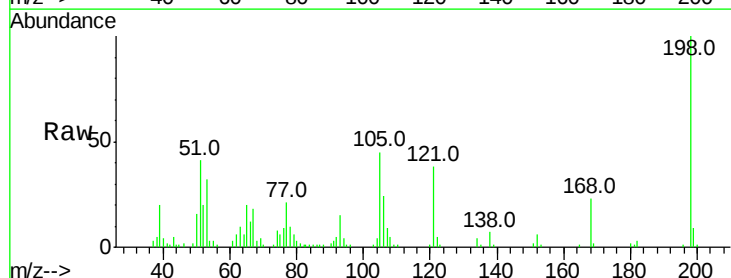
Tgt Ion:198 Resp: 88967

Ion Ratio Lower Upper

198 100

51 41.4 53.2 93.2#

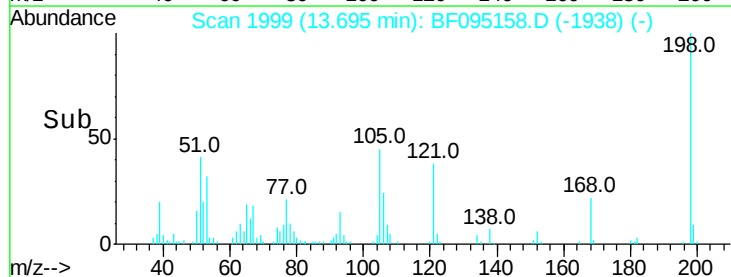
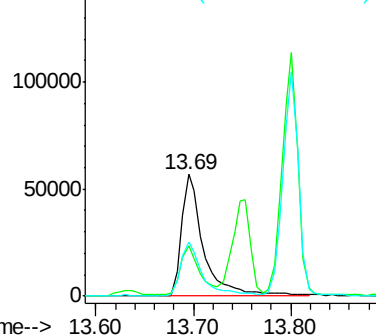
105 44.9 45.8 85.8#



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: 38.25 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampled :

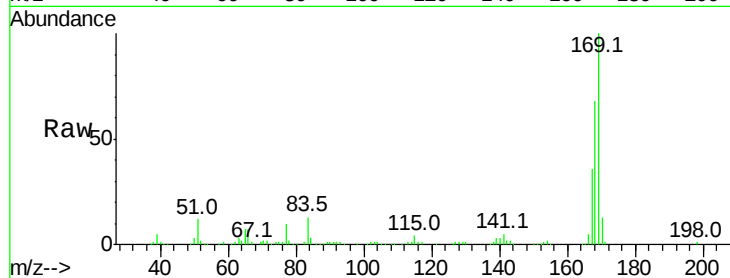
Tot Ion:169 Resp: 482607

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

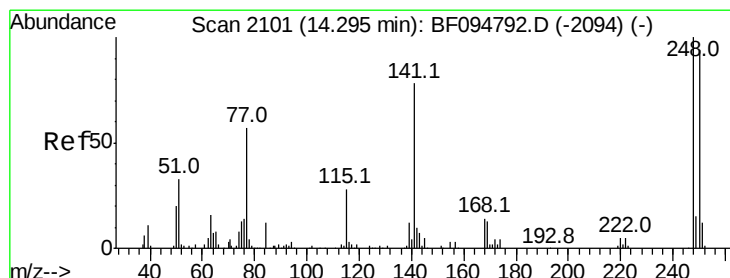
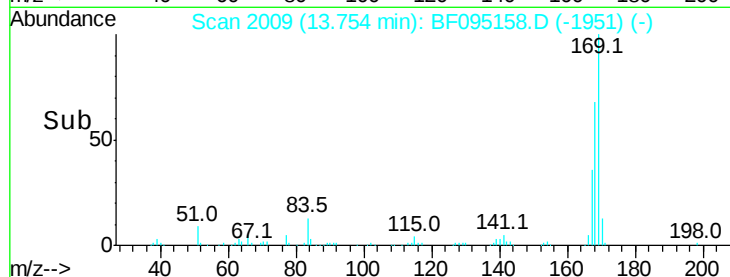
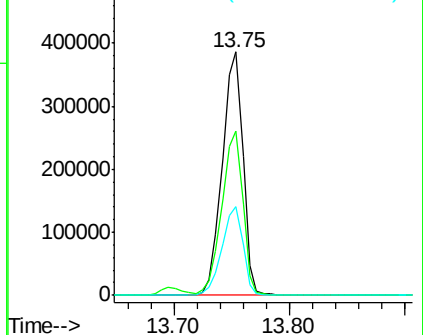
167 36.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.76 ng

RT: 14.33 min Scan# 2107

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

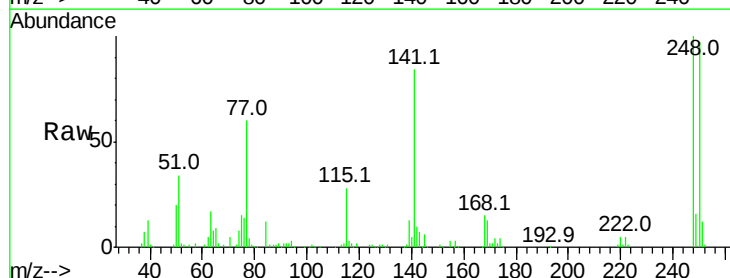
Tgt Ion:248 Resp: 157035

Ion Ratio Lower Upper

248 100

250 97.2 76.8 115.2

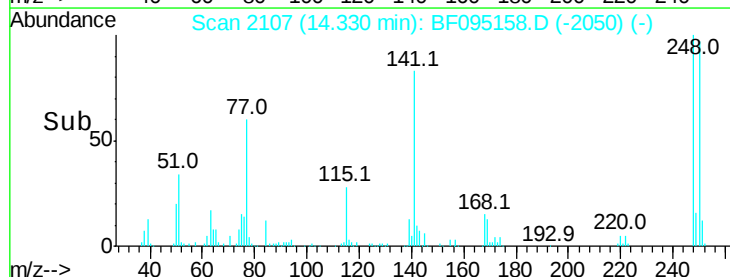
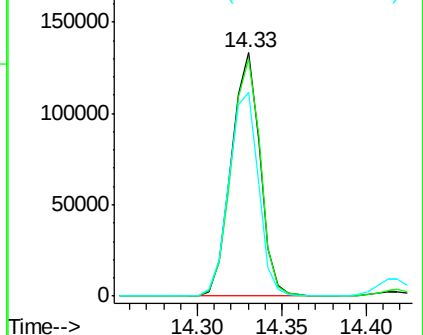
141 83.6 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.68 ng

RT: 14.42 min Scan# 2122

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

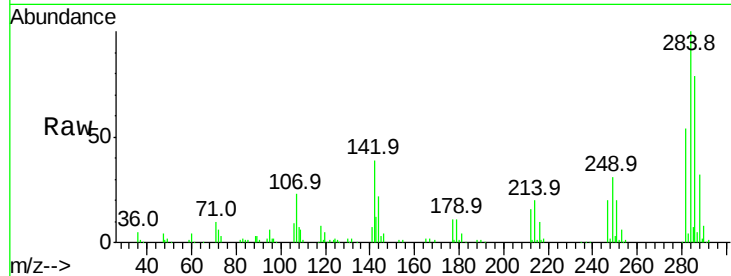
Tot Ion:284 Resp: 160636

Ion Ratio Lower Upper

284 100

142 39.1 22.8 34.2#

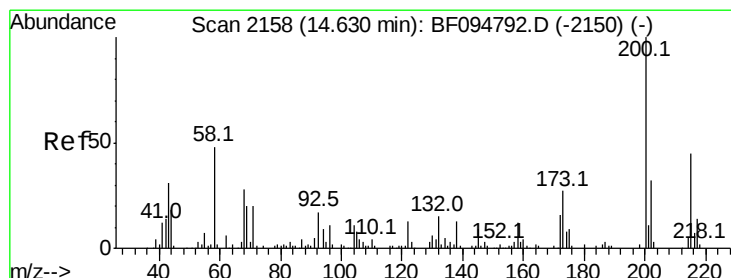
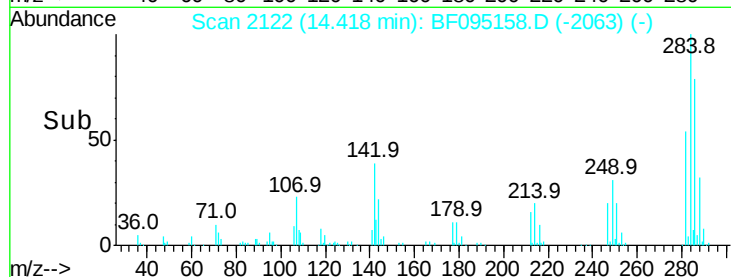
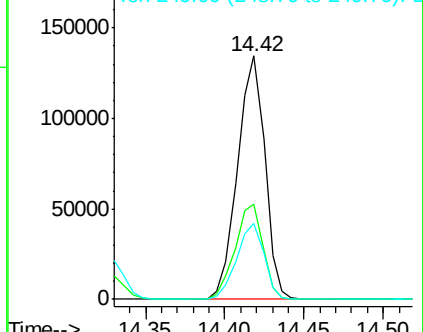
249 31.4 24.0 36.0



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: 39.19 ng

RT: 14.67 min Scan# 2165

Delta R.T. 0.04 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

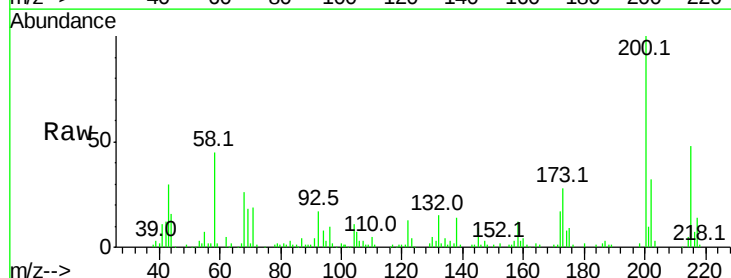
Tgt Ion:200 Resp: 139600

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

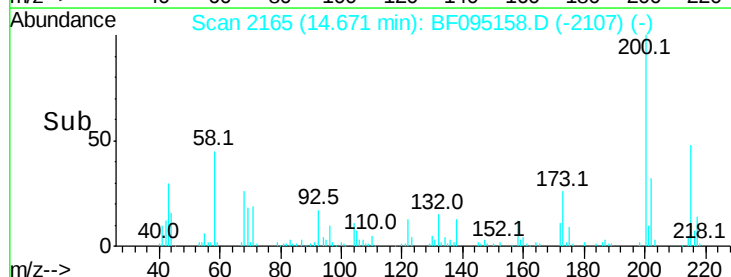
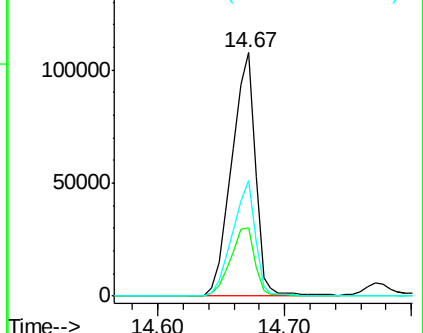
215 47.7 27.2 67.2

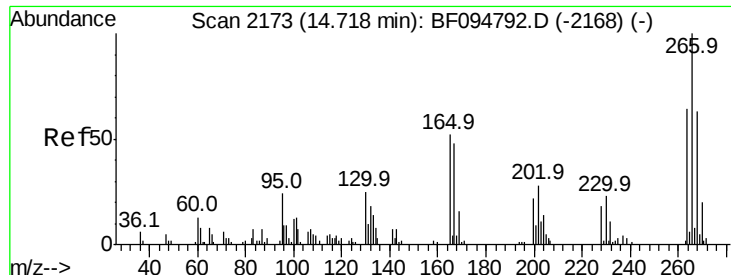


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

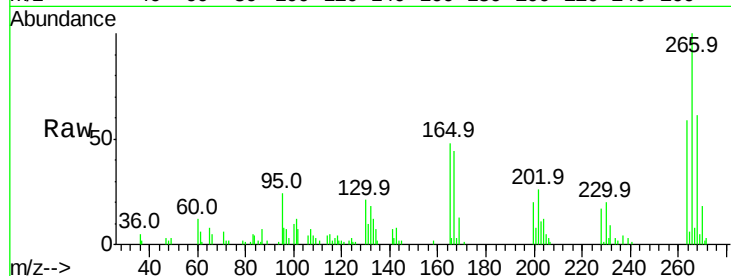




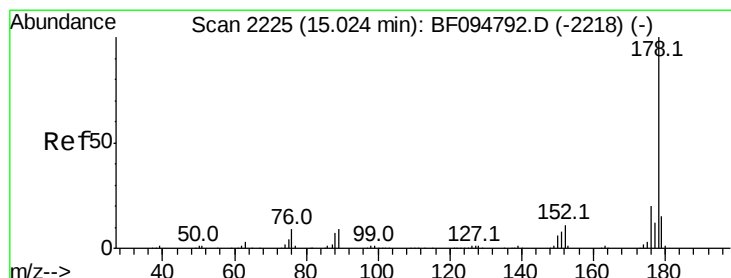
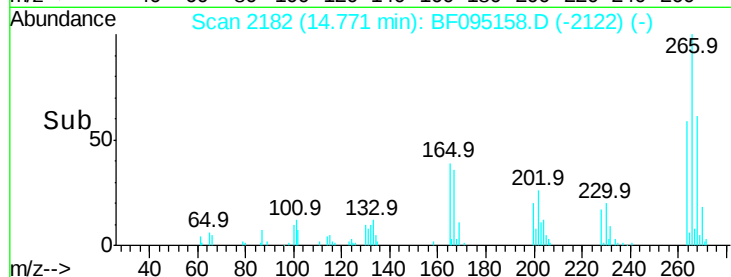
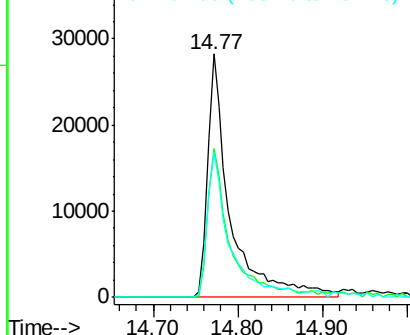
#69
 Pentachlorophenol
 Concen: 34.57 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 52714
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 59.4 51.7 77.5

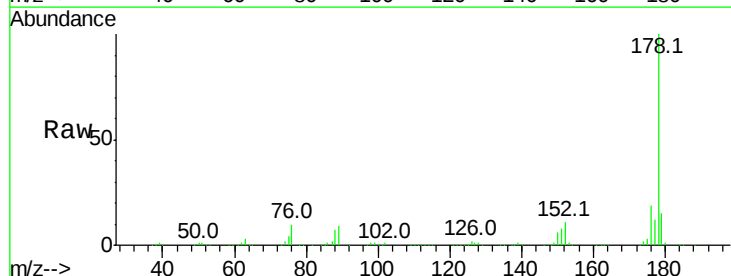


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

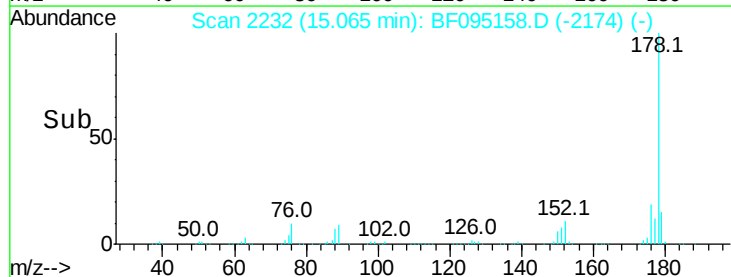
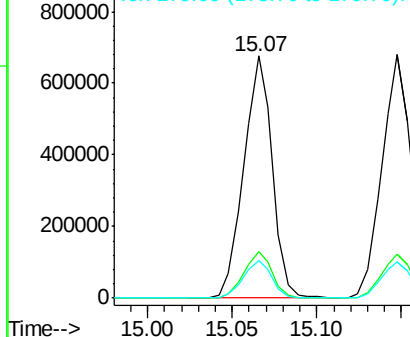


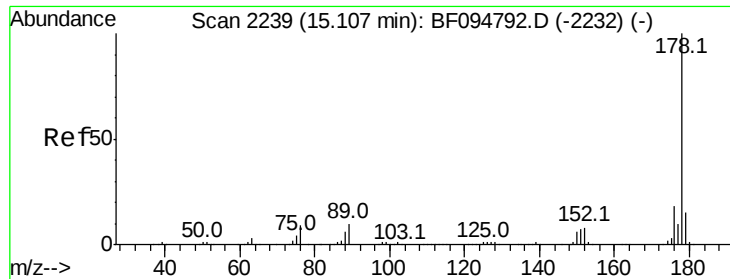
#70
 Phenanthrene
 Concen: 39.86 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion:178 Resp: 796116
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

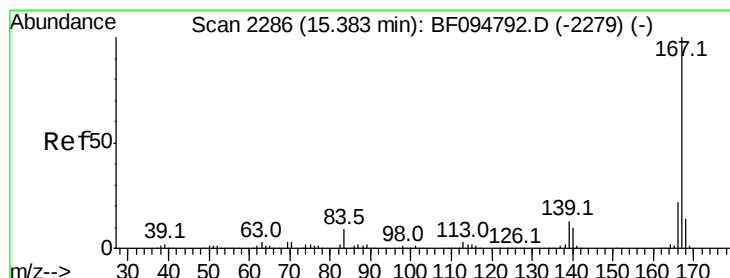
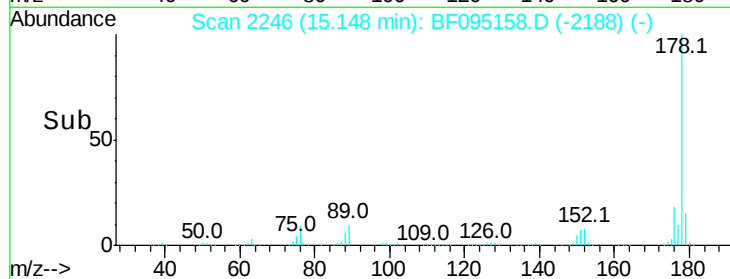
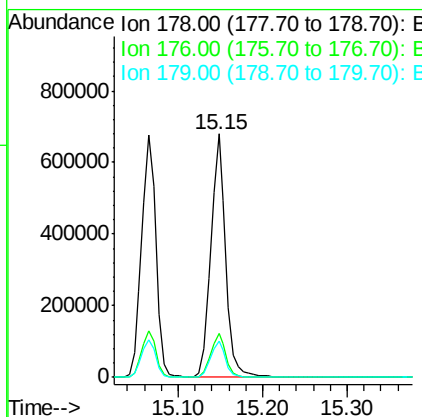
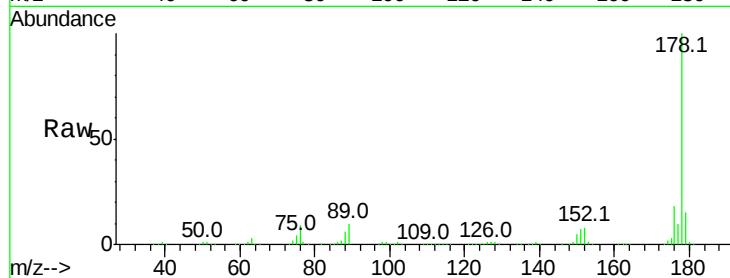




#71
 Anthracene
 Concen: 41.56 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

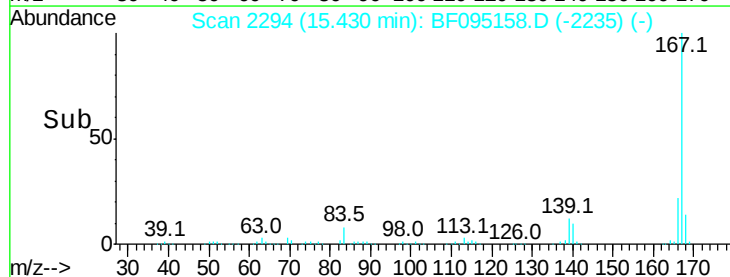
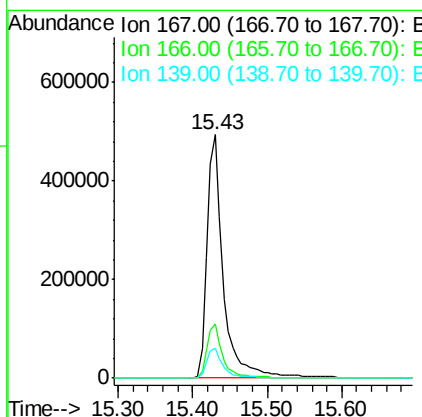
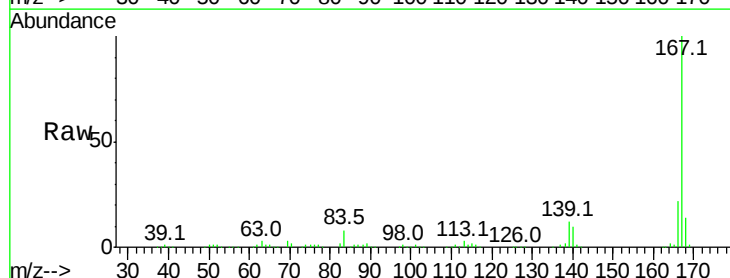
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 847997
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 40.53 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion:167 Resp: 752366
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.0 11.7 17.5

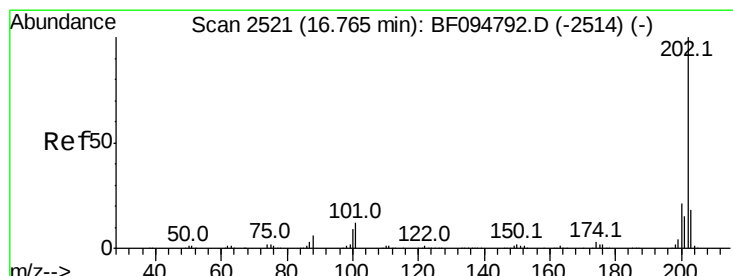
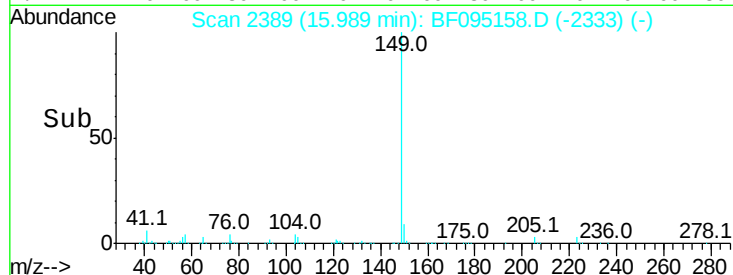
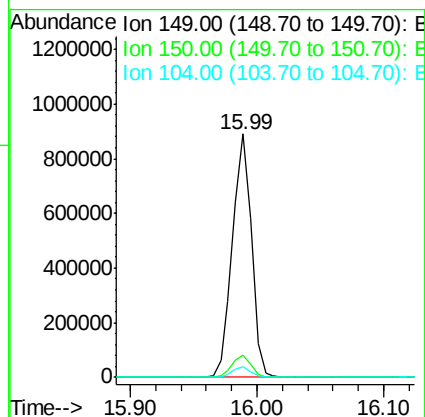
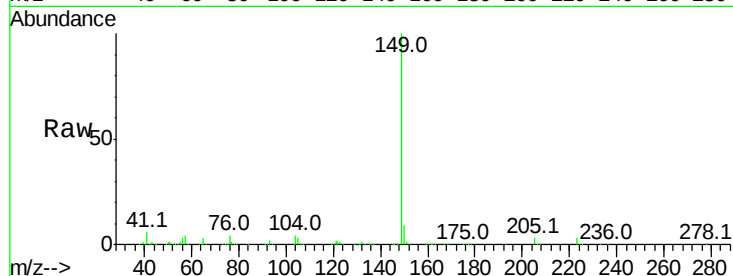




#73
Di-n-butylphthalate
Concen: 39.93 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

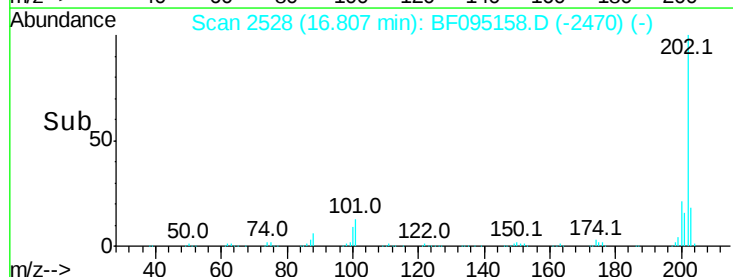
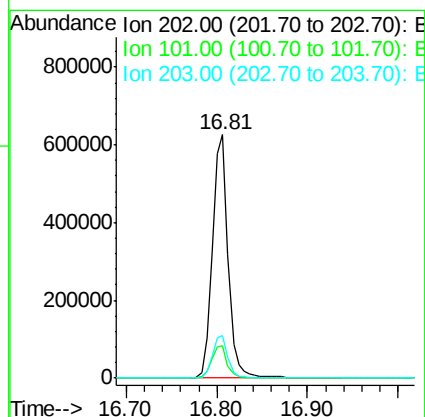
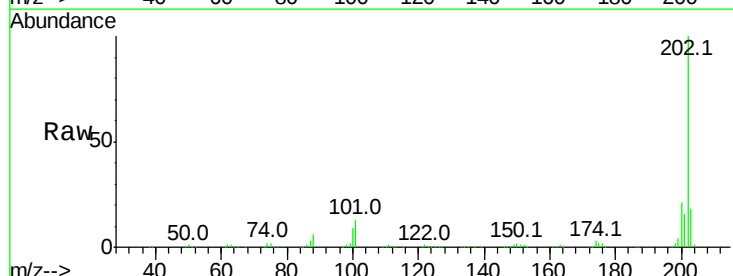
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 924317
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 37.12 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:202 Resp: 760655
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.6 0.0 38.1

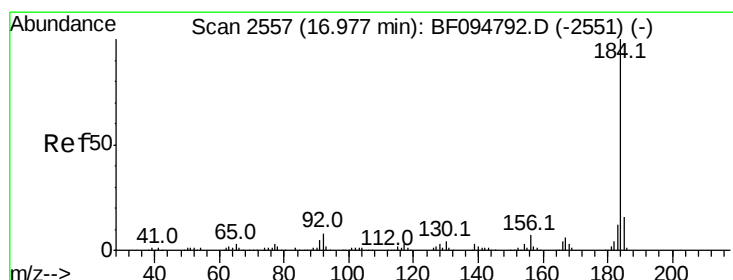
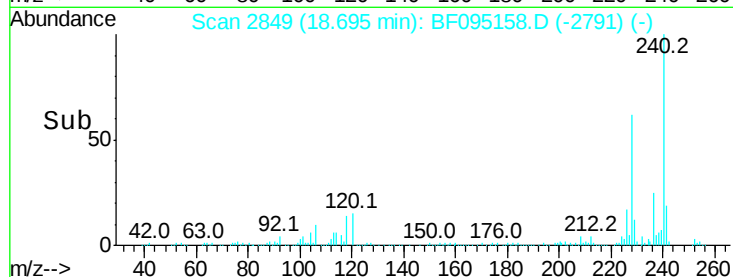
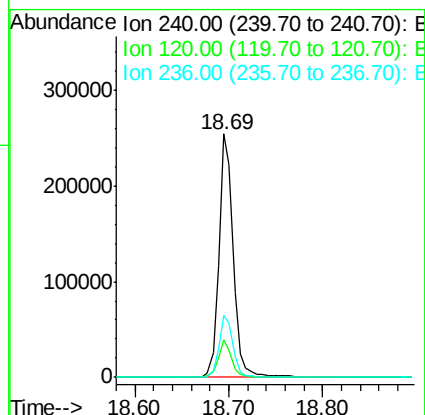
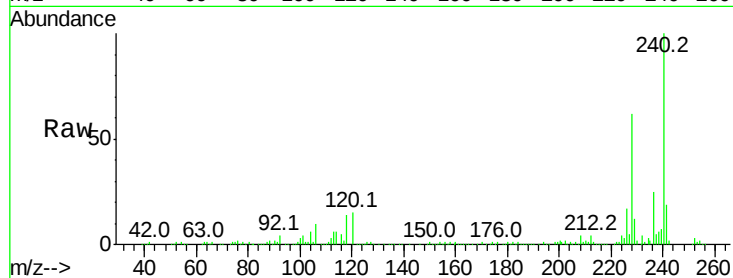




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

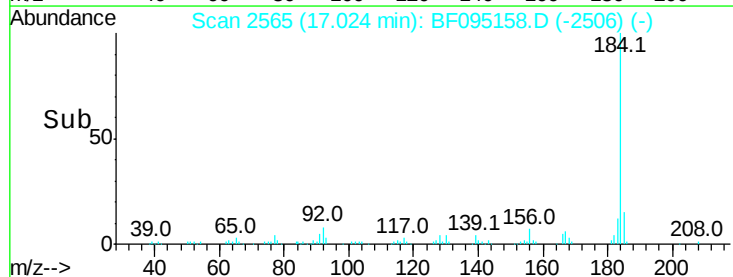
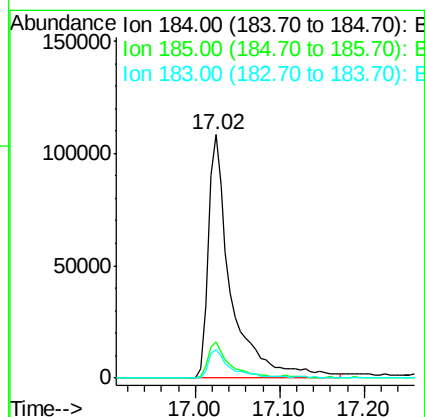
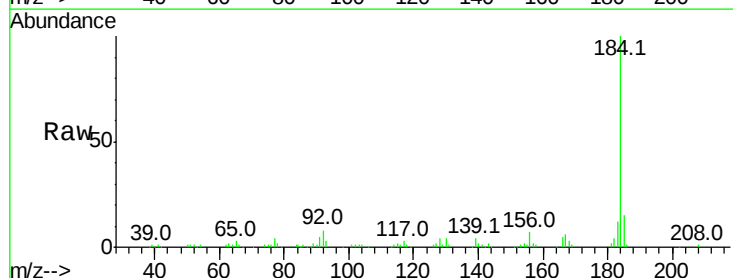
Instrument :
BNA_F
ClientSampleId :

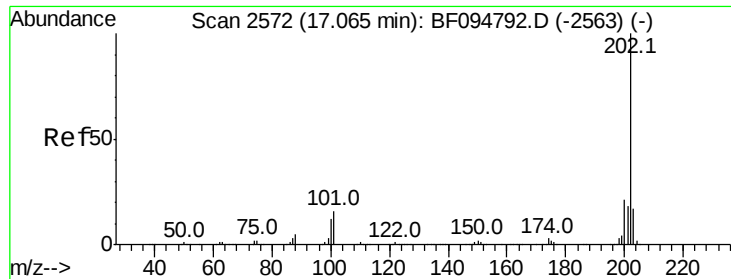
Tot Ion:240 Resp: 272220
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 25.5 20.5 30.7



#76
Benzidine
Concen: 30.47 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:184 Resp: 203767
Ion Ratio Lower Upper
184 100
185 14.9 15.5 23.3#
183 11.6 9.8 14.6

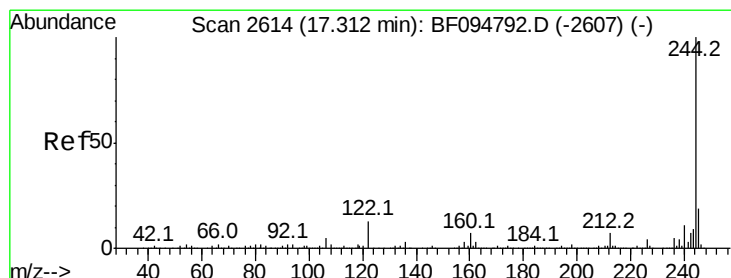
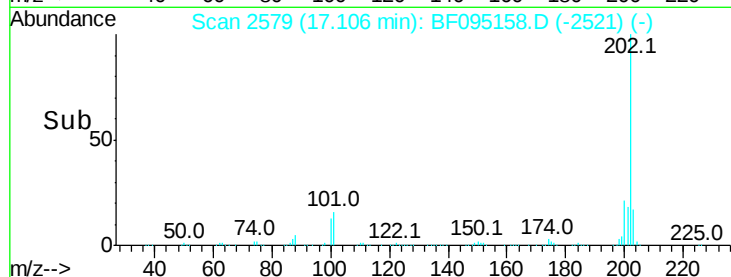
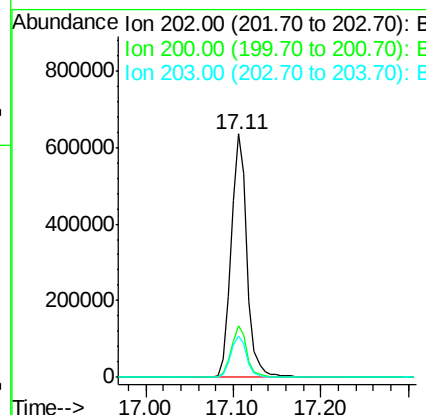
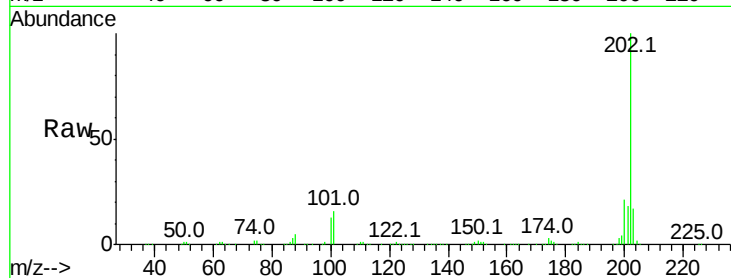




#77
Pvrene
Concen: 38.93 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

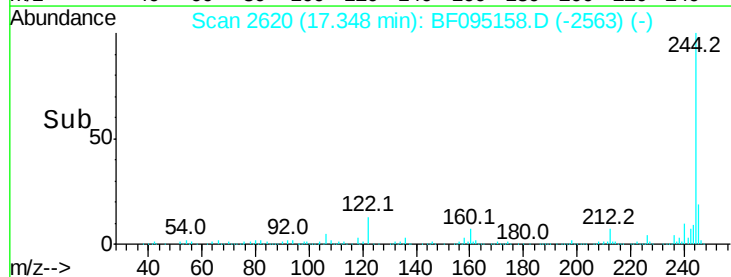
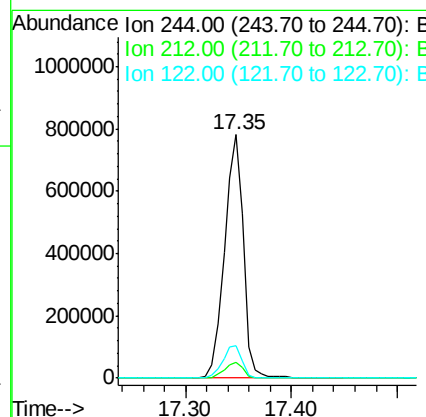
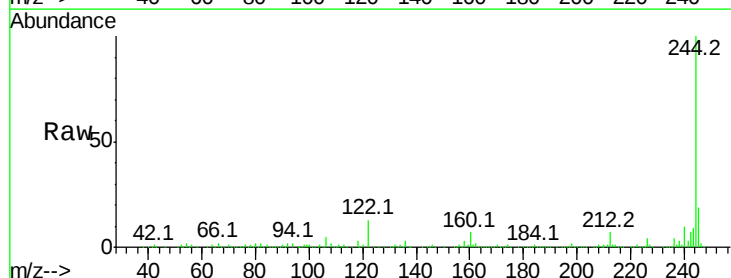
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 792576
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.0 14.4 21.6



#78
Terphenyl-d14
Concen: 78.49 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:244 Resp: 970131
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 13.2 10.3 15.5

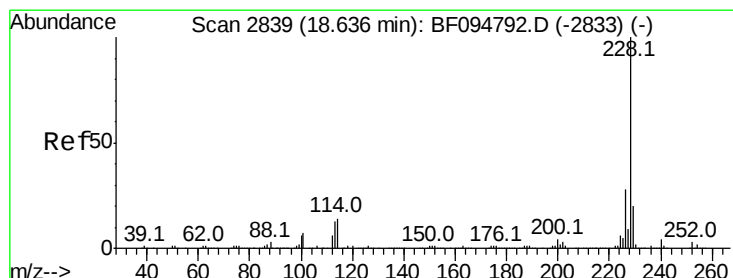
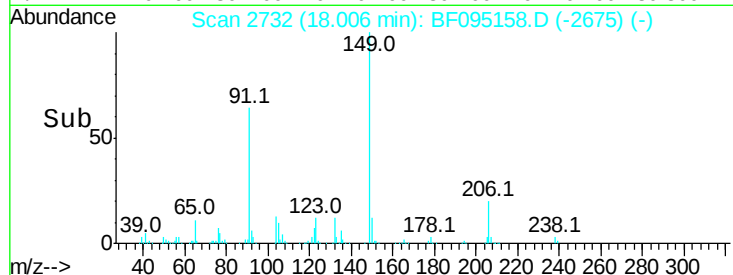
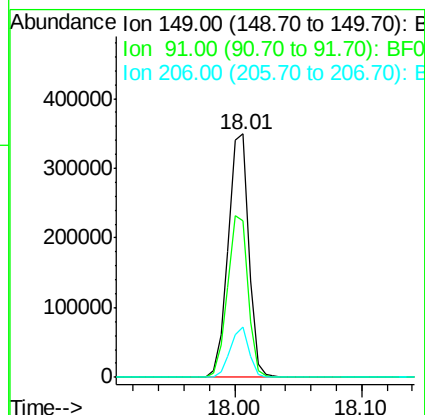
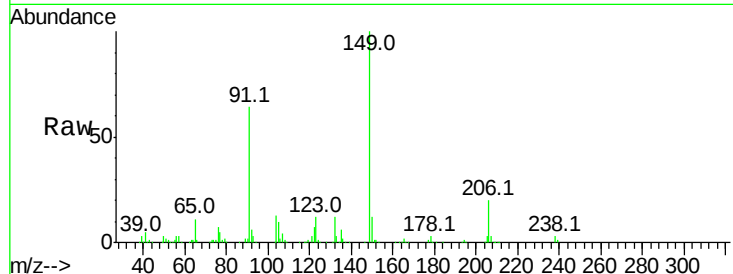




#79
Butylbenzylphthalate
Concen: 41.34 ng
RT: 18.01 min Scan# 2732
Delta R.T. 0.04 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

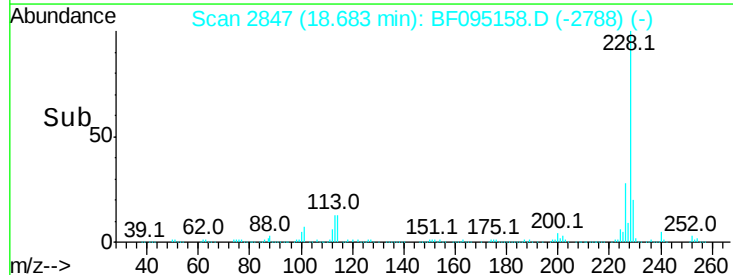
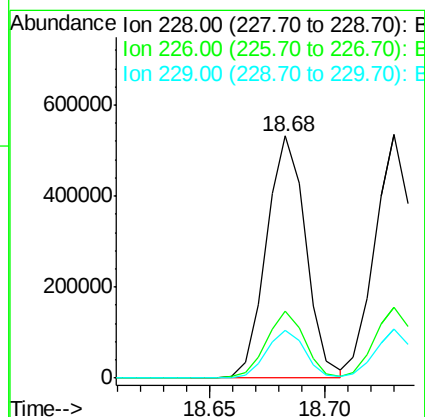
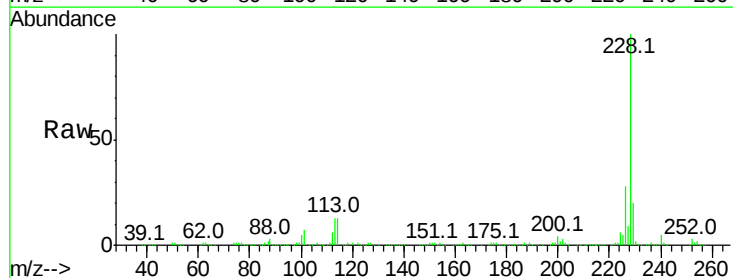
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.4	45.0	67.4
206	20.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.60 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	16.3	24.5

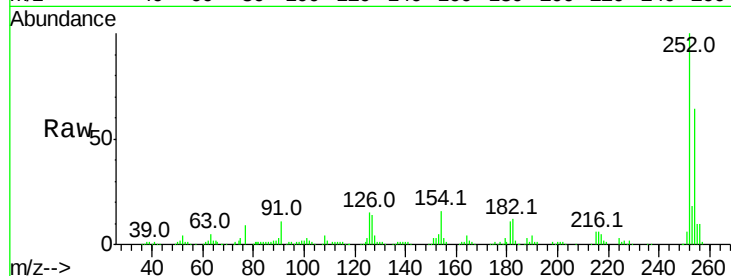




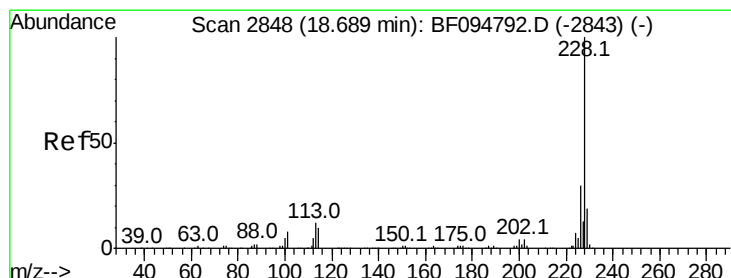
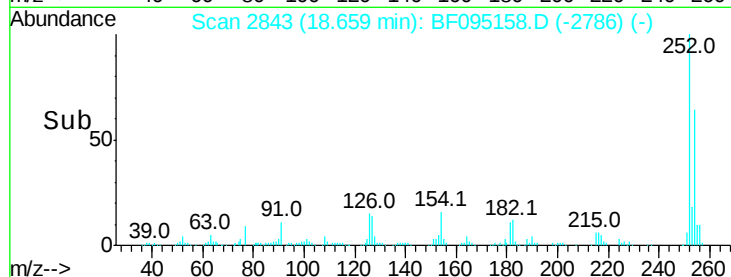
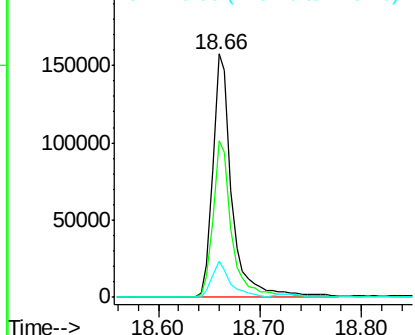
#81
 3,3'-Dichlorobenzidine
 Concen: 37.91 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	14.8	15.8	23.8

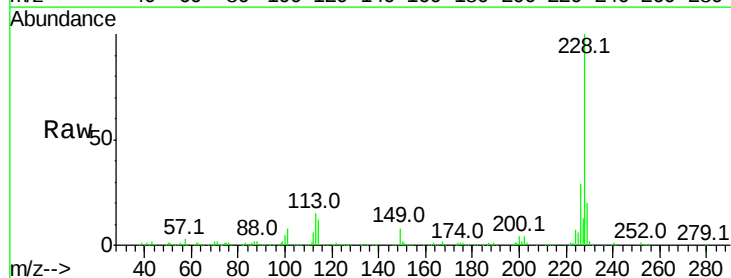


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

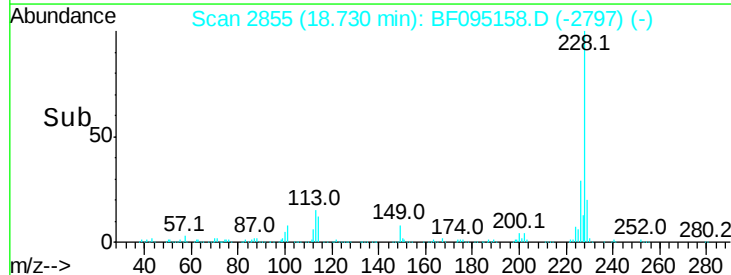
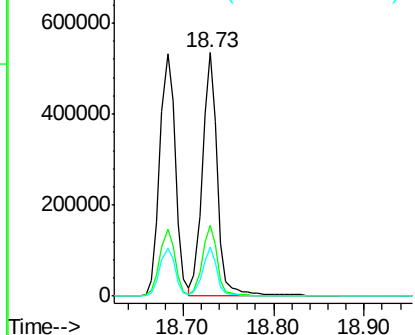


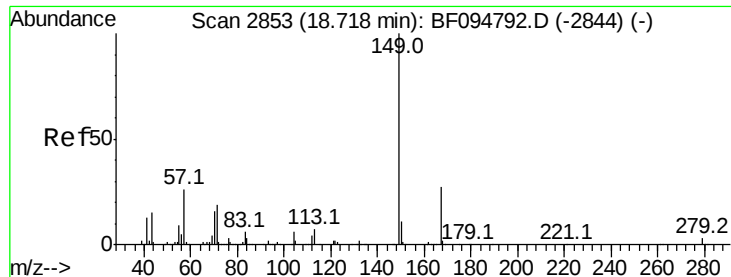
#82
 Chrysene
 Concen: 40.70 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	20.0	15.8	23.6



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

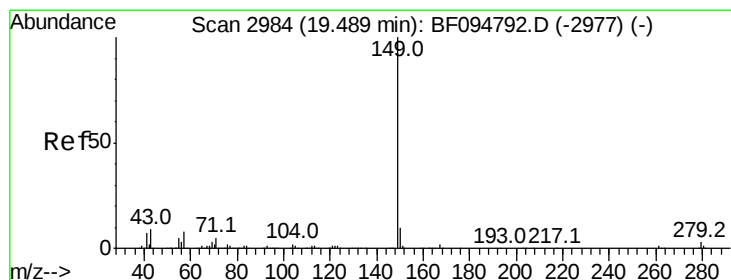
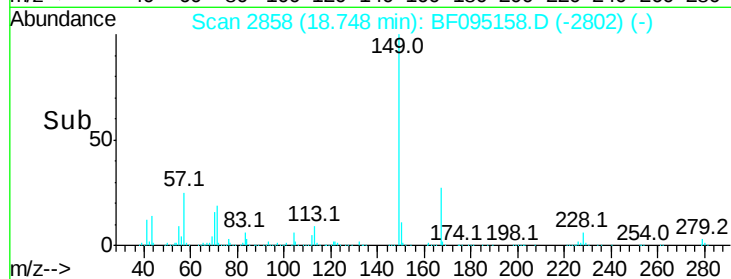
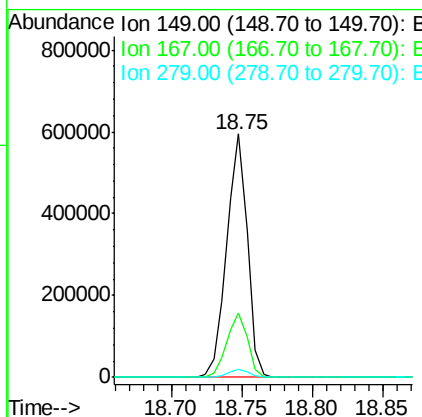
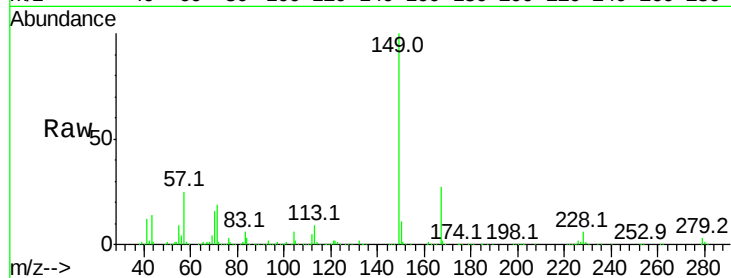




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.70 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. 0.03 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

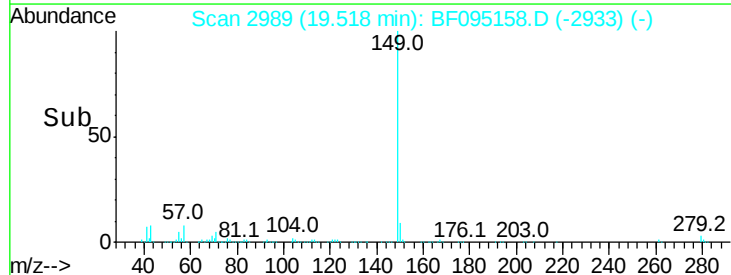
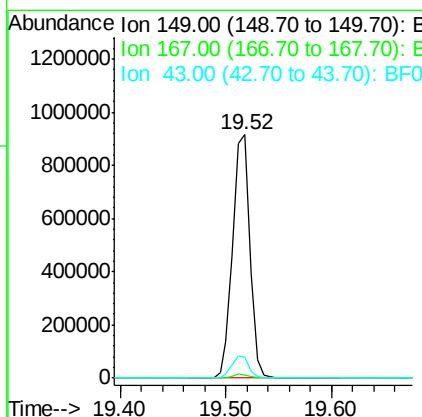
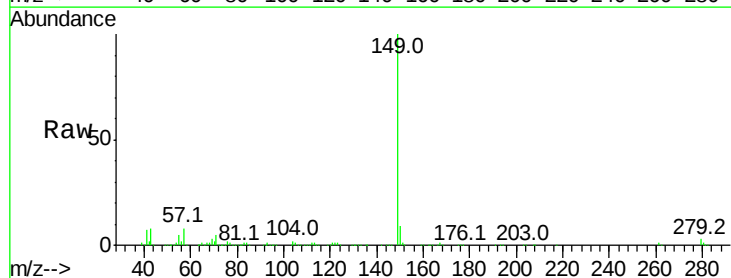
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 603100
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.36 ng
 RT: 19.52 min Scan# 2989
 Delta R.T. 0.03 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion:149 Resp: 1025488
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

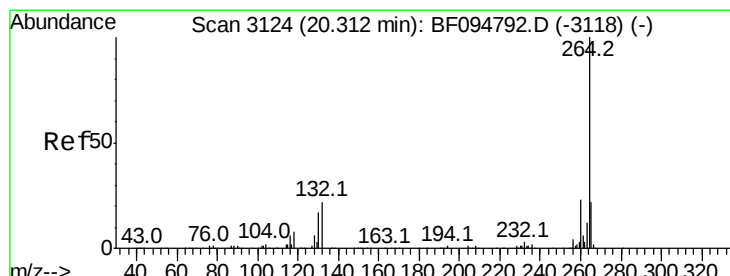
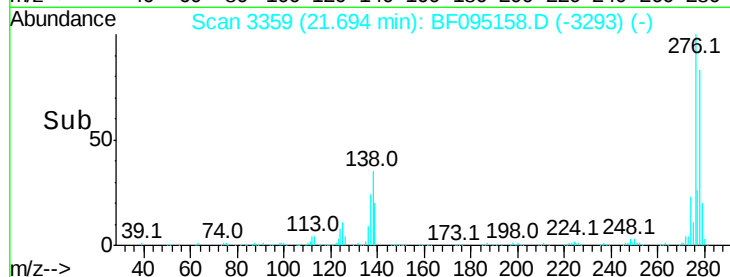
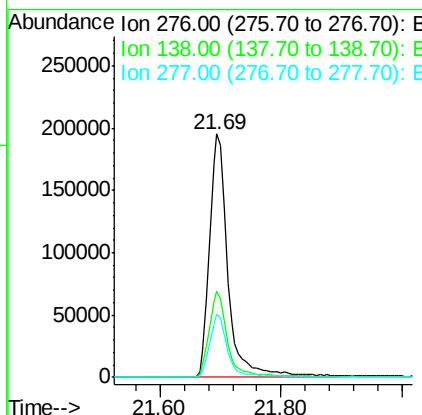
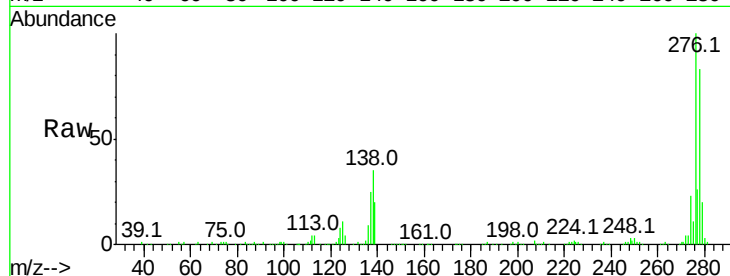




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.63 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. 0.09 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

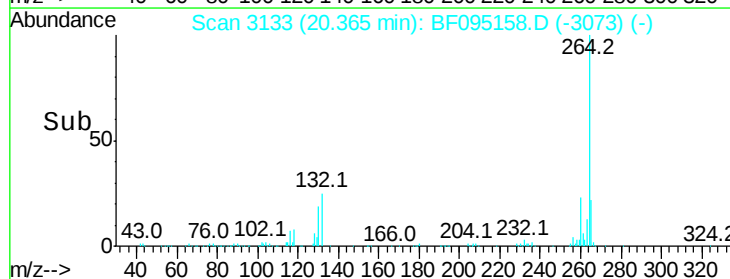
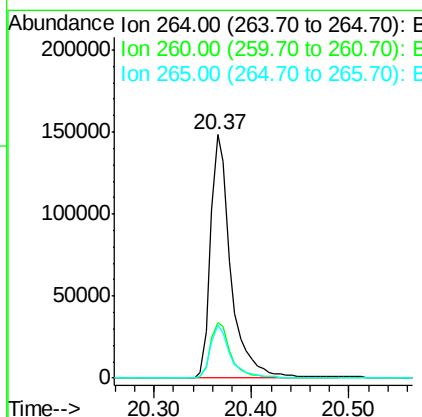
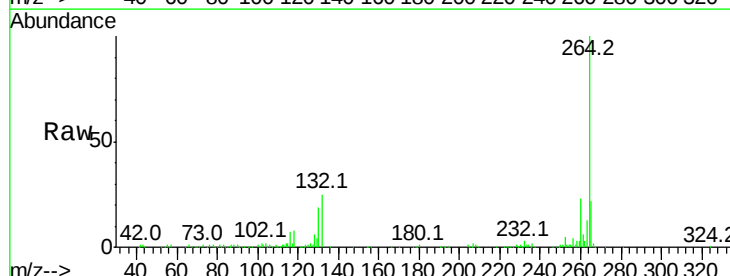
Instrument :
 BNA_F
 ClientSampled :

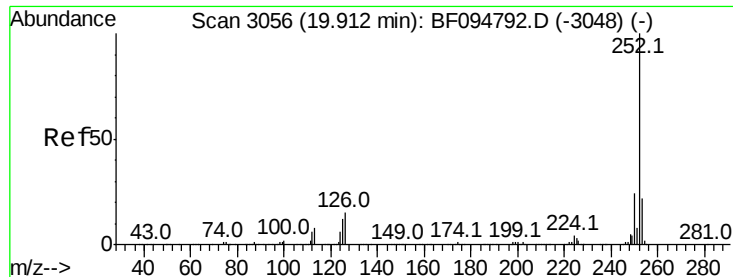
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.47 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

Instrument :

BNA_F

ClientSampleId :

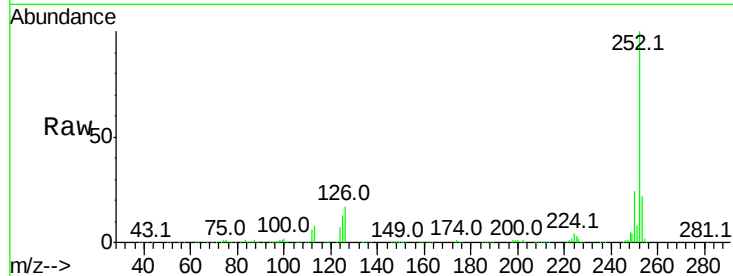
Tot Ion:252 Resp: 511671

Ion Ratio Lower Upper

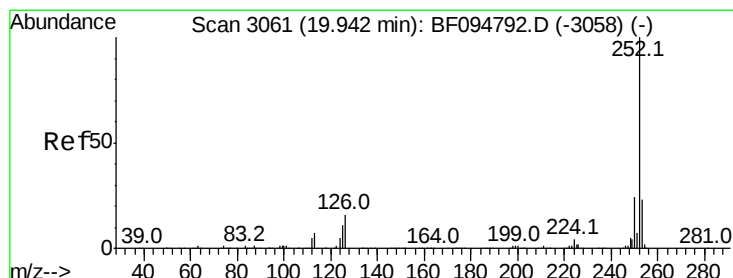
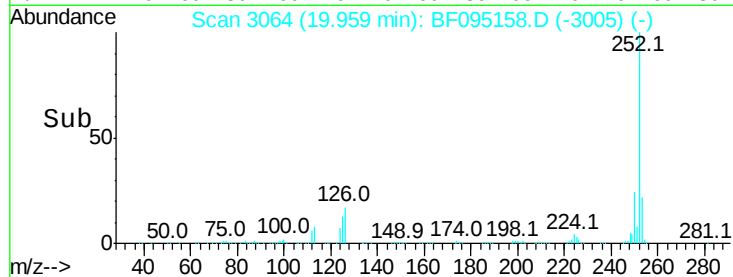
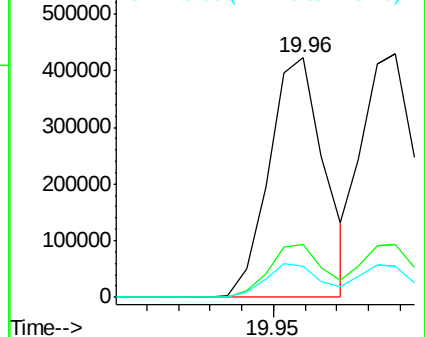
252 100

253 22.3 18.1 27.1

125 12.8 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 43.97 ng

RT: 19.99 min Scan# 3069

Delta R.T. 0.05 min

Lab File: BF095158.D

Acq: 16 May 2017 15:56

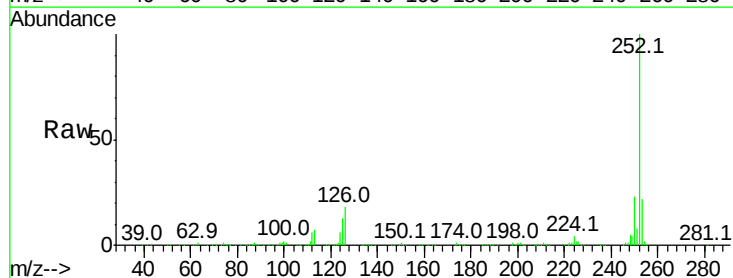
Tgt Ion:252 Resp: 564233

Ion Ratio Lower Upper

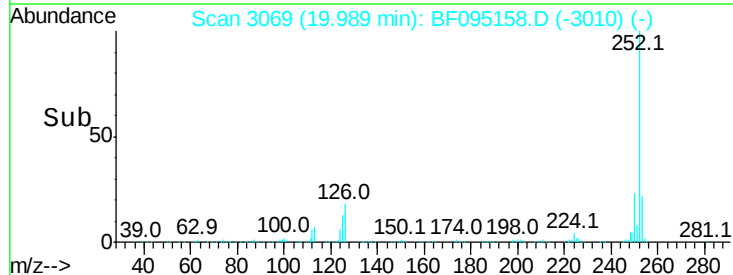
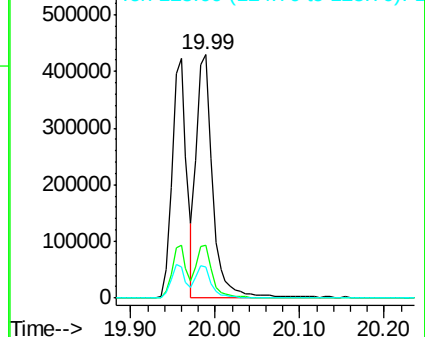
252 100

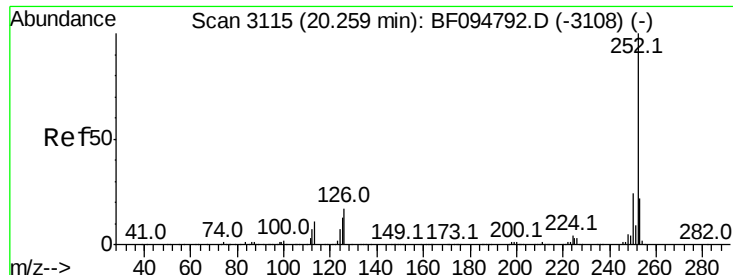
253 21.7 18.4 27.6

125 12.6 13.1 19.7#



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

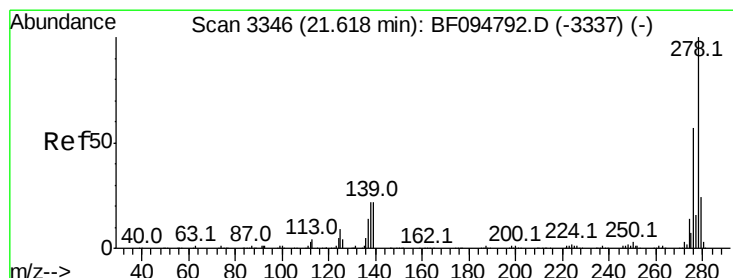
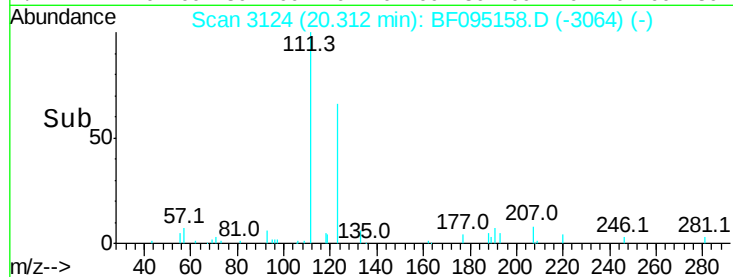
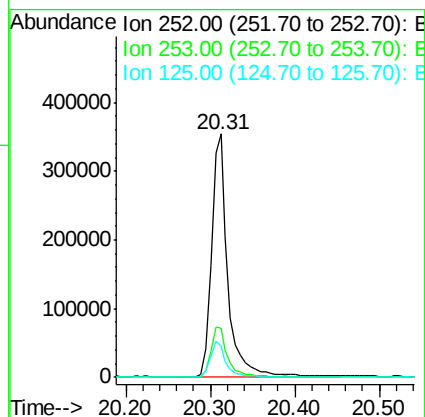
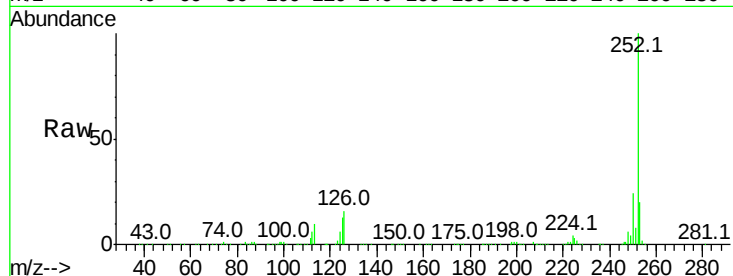




#89
Benzo(a)pyrene
Concen: 38.94 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

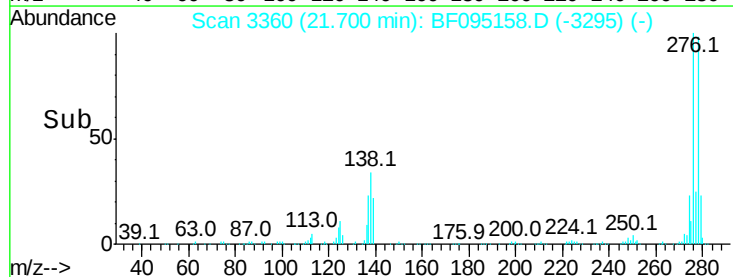
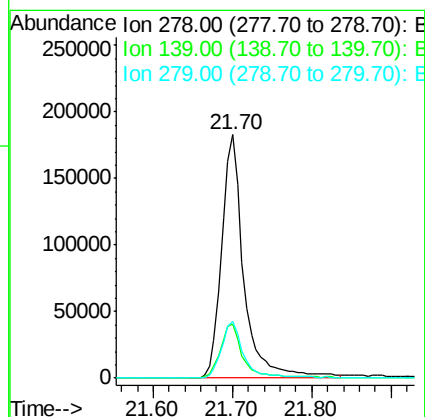
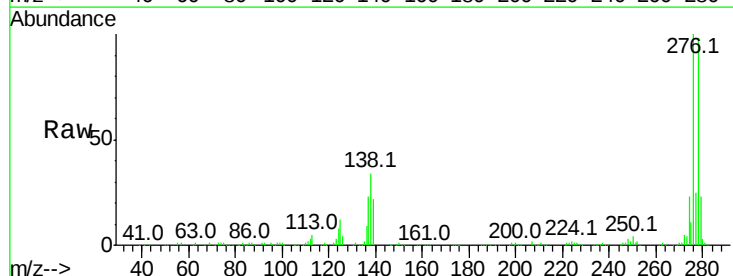
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 477943
Ion Ratio Lower Upper
252 100
253 20.4 17.5 26.3
125 12.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.20 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095158.D
Acq: 16 May 2017 15:56

Tgt Ion:278 Resp: 356855
Ion Ratio Lower Upper
278 100
139 22.1 16.6 24.8
279 23.3 19.3 28.9

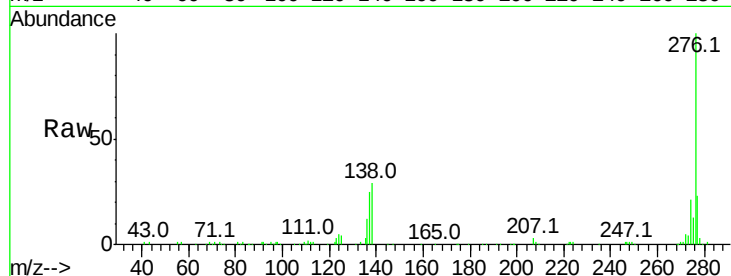




#91
 Benzo(a,h,i)perylene
 Concen: 34.65 ng
 RT: 22.08 min Scan# 3424
 Delta R.T. 0.10 min
 Lab File: BF095158.D
 Acq: 16 May 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	29.5	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

