

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095958.D
 Acq On : 16 Jun 2017 16:32
 Operator : SJ/MA
 Sample : I3693-06MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:01:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	58972	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	244070	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	108566	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	177709	20.00	ng	0.00
75) Chrysene-d12	18.29	240	121132	20.00	ng	0.00
86) Perylene-d12	19.96	264	125499	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	461641	124.74	ng	0.03
7) Phenol-d6	6.90	99	545503	123.12	ng	0.00
23) Nitrobenzene-d5	8.25	82	347544	88.43	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	123617	128.69	ng	0.00
44) 2-Fluorobiphenyl	11.13	172	677046	86.78	ng	0.00
78) Terphenyl-d14	16.94	244	485085	99.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.79	88	58203	33.06	ng	96
3) Pyridine	2.33	79	98628	23.84	ng	97
4) n-Nitrosodimethylamine	2.26	42	65029	41.34	ng	79
6) Aniline	6.84	93	74089	12.78	ng	94
8) 2-Chlorophenol	7.02	128	176768	44.92	ng	98
9) Benzaldehyde	6.65	77	38546	12.90	ng	97
10) Phenol	6.93	94	193674	42.14	ng	95
11) bis(2-Chloroethyl)ether	6.97	93	168013	46.15	ng	98
12) 1,3-Dichlorobenzene	7.22	146	183356	41.17	ng	96
13) 1,4-Dichlorobenzene	7.35	146	186030	41.19	ng	98
14) 1,2-Dichlorobenzene	7.58	146	179253	43.05	ng	96
15) Benzyl Alcohol	7.64	79	140245	46.12	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.83	45	221684	43.34	ng	95
17) 2-Methylphenol	7.87	107	145117	43.94	ng	94
18) Hexachloroethane	8.10	117	61146	40.99	ng	89
19) n-Nitroso-di-n-propylamine	8.06	70	126576	45.08	ng	91
20) 3+4-Methylphenols	8.15	107	192412	45.90	ng	# 55
22) Acetophenone	8.02	105	251517	44.03	ng	# 84
24) Nitrobenzene	8.27	77	174106	41.47	ng	91
25) Isophorone	8.68	82	319620	43.56	ng	97
26) 2-Nitrophenol	8.79	139	96981	44.12	ng	98
27) 2,4-Dimethylphenol	8.95	122	154995	45.43	ng	98
28) bis(2-Chloroethoxy)methane	9.06	93	204089	42.19	ng	99
29) 2,4-Dichlorophenol	9.23	162	148583	45.22	ng	96
30) 1,2,4-Trichlorobenzene	9.29	180	143118	41.86	ng	98
31) Naphthalene	9.39	128	521401	42.57	ng	100
32) Benzoic acid	9.32	122	79070	38.25	ng	92
33) 4-Chloroaniline	9.57	127	68113	14.23	ng	# 91
34) Hexachlorobutadiene	9.60	225	73659	41.70	ng	98
35) Caprolactam	10.18	113	21026	21.51	ng	91
36) 4-Chloro-3-methylphenol	10.43	107	155939	45.34	ng	87
37) 2-Methylnaphthalene	10.52	142	362980	43.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	140062	43.11	ng	98
40) Hexachlorocyclopentadiene	10.76	237	31227	37.59	ng	99

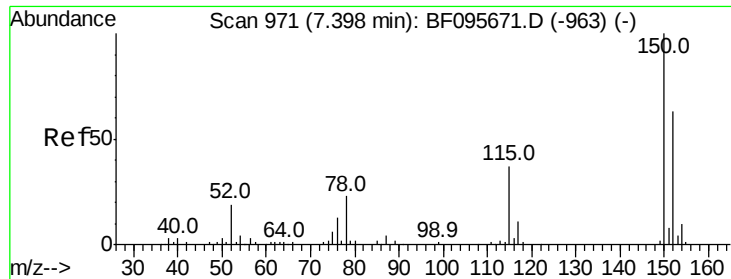
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	97556	46.70	nq	98
43) 2,4,5-Trichlorophenol	11.13	196	92218	41.50	nq	94
45) 1,1'-Biphenyl	11.28	154	400082	44.71	nq	97
46) 2-Chloronaphthalene	11.30	162	307882	44.04	nq	96
47) 2-Nitroaniline	11.52	65	88998	43.50	nq	# 84
48) Acenaphthylene	11.95	152	481724	40.29	nq	99
49) Dimethylphthalate	11.84	163	370953	45.00	nq	99
50) 2,6-Dinitrotoluene	11.94	165	76802	42.72	nq	# 76
51) Acenaphthene	12.23	154	288899	41.84	nq	98
52) 3-Nitroaniline	12.21	138	48013	22.92	nq	91
53) 2,4-Dinitrophenol	12.43	184	57490	58.37	nq	# 67
54) Dibenzofuran	12.52	168	442958	45.58	nq	99
55) 4-Nitrophenol	12.64	139	82897	68.48	nq	# 69
56) 2,4-Dinitrotoluene	12.61	165	111499	45.91	nq	95
57) Fluorene	13.07	166	352848	41.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.77	232	73520	48.36	nq	# 92
59) Diethylphthalate	12.99	149	359876	45.36	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	157976	42.96	nq	89
61) 4-Nitroaniline	13.20	138	74006	37.84	nq	95
62) Azobenzene	13.36	77	326322	45.39	nq	92
64) 4,6-Dinitro-2-methylphenol	13.29	198	45591	39.03	nq	# 75
65) n-Nitrosodiphenylamine	13.31	169	304725	47.72	nq	99
66) 4-Bromophenyl-phenylether	13.87	248	86718	46.95	nq	99
67) Hexachlorobenzene	13.96	284	85144	46.78	nq	# 91
68) Atrazine	14.24	200	86927	48.91	nq	99
69) Pentachlorophenol	14.33	266	47570	69.85	nq	99
70) Phenanthrene	14.60	178	464086	45.26	nq	99
71) Anthracene	14.69	178	477162	44.57	nq	97
72) Carbazole	14.99	167	426209	40.86	nq	97
73) Di-n-butylphthalate	15.59	149	550524	49.60	nq	98
74) Fluoranthene	16.39	202	415878	40.98	nq	98
76) Benzidine	16.63	184	39786	8.55	nq	95
77) Pyrene	16.69	202	414412	45.85	nq	99
79) Butylbenzylphthalate	17.61	149	185260	46.93	nq	# 86
80) Benzo(a)anthracene	18.28	228	326401	46.35	nq	97
81) 3,3'-Dichlorobenzidine	18.27	252	86075	34.38	nq	# 93
82) Chrysene	18.32	228	319951	45.46	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	255057	45.81	nq	# 100
84) Di-n-octyl phthalate	19.13	149	423236	46.13	nq	95
85) Indeno(1,2,3-cd)pyrene	21.12	276	312273	51.86	nq	99
87) Benzo(b)fluoranthene	19.58	252	312636	39.78	nq	98
88) Benzo(k)fluoranthene	19.58	252	312636	41.62	nq	95
89) Benzo(a)pyrene	19.90	252	321798	44.55	nq	99
90) Dibenzo(a,h)anthracene	21.12	278	267710	43.70	nq	96
91) Benzo(g,h,i)perylene	21.44	276	258337	41.36	nq	96

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

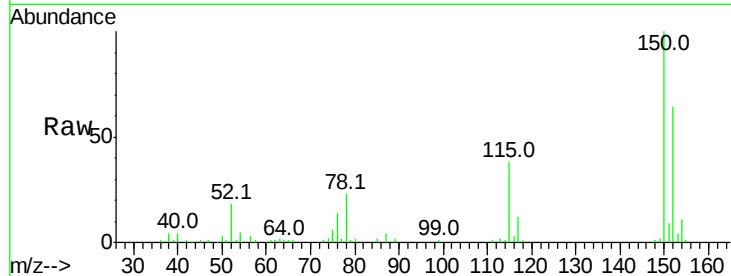


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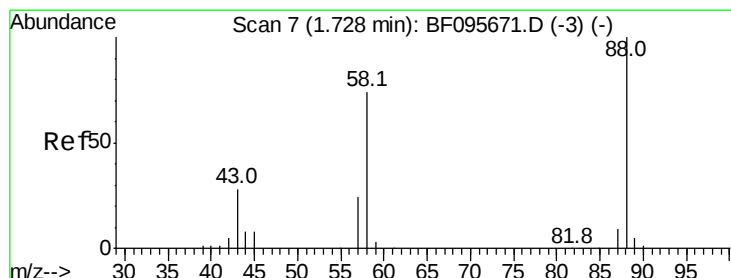
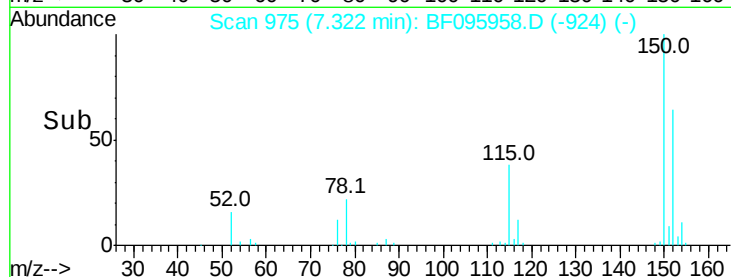
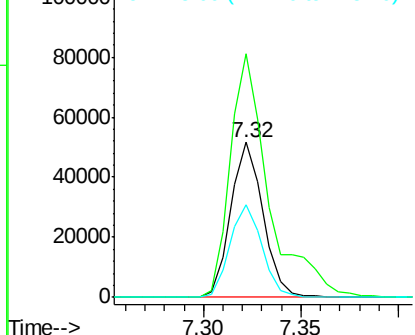
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58972
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 59.5 52.2 78.2



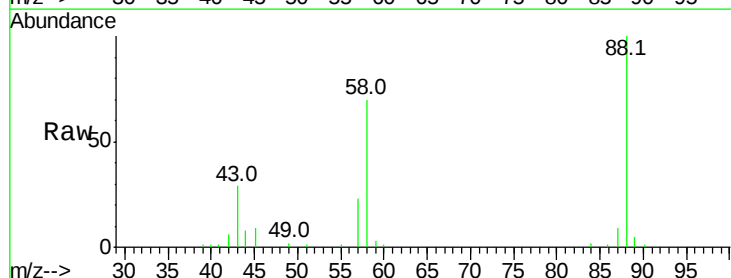
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



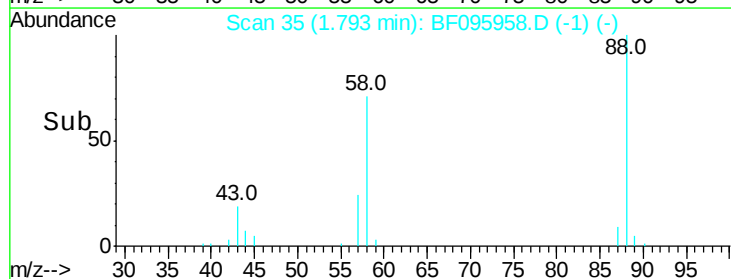
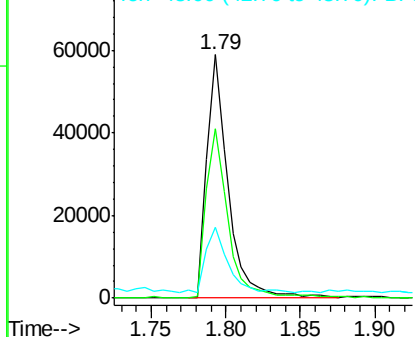
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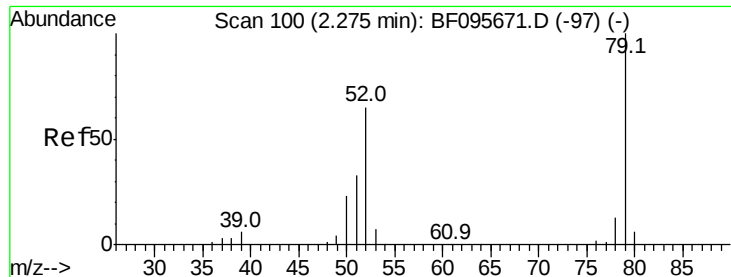
1,4-Dioxane
Concen: 33.06 ng
RT: 1.79 min Scan# 35
Delta R.T. 0.16 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion: 88 Resp: 58203
Ion Ratio Lower Upper
88 100
58 72.7 61.4 92.0
43 27.0 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

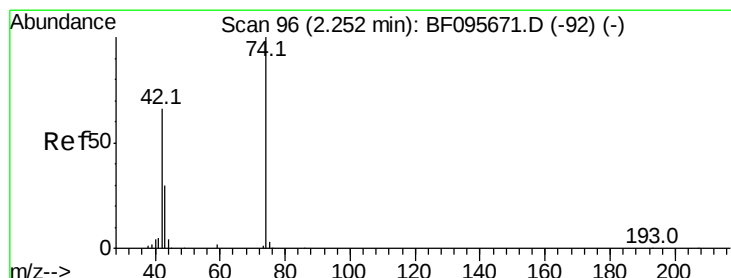
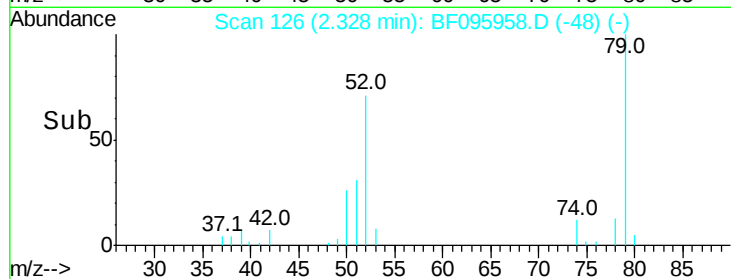
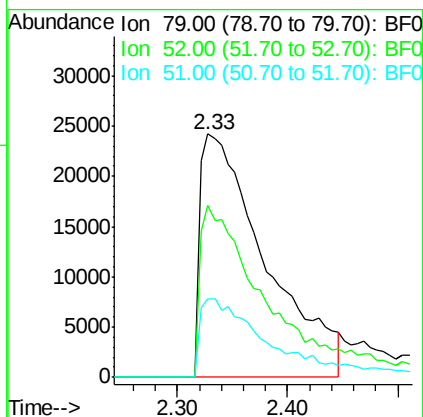
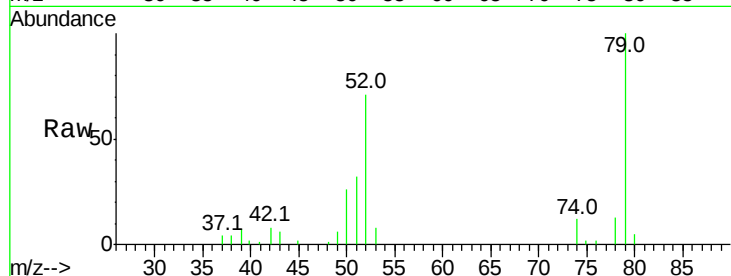




#3
 Pvridine
 Concen: 23.84 ng
 RT: 2.33 min Scan# 126
 Delta R.T. 0.16 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

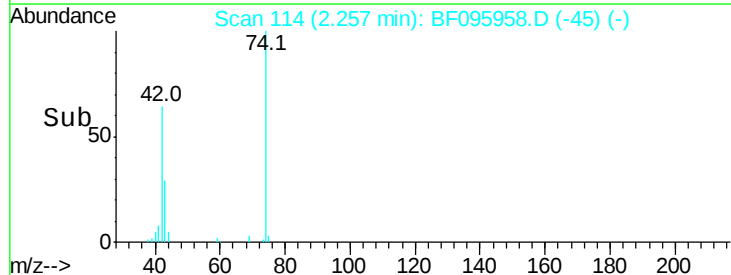
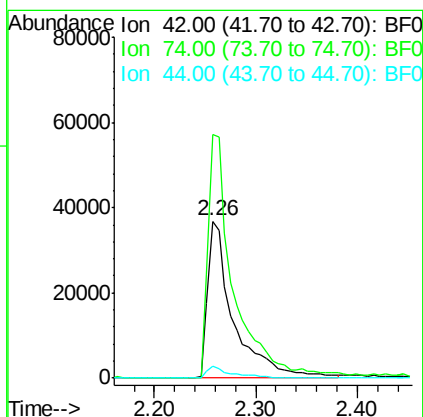
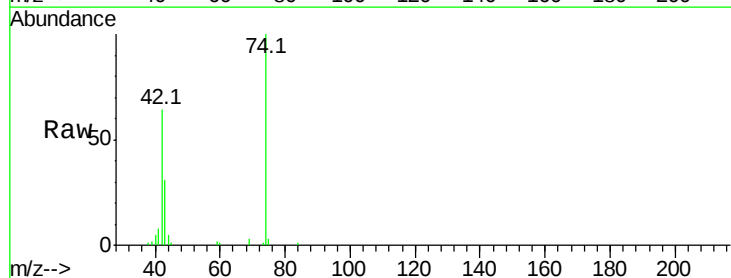
Instrument :
 BNA_F
 ClientSampleId :

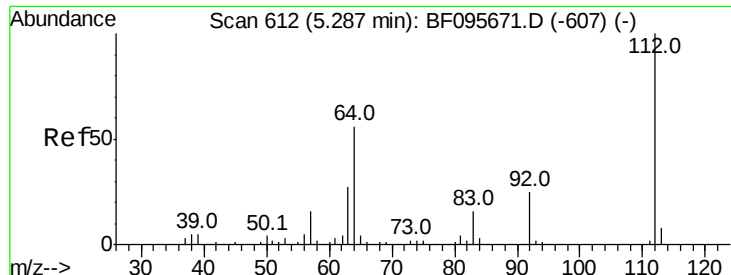
Tot Ion: 79 Resp: 98628
 Ion Ratio Lower Upper
 79 100
 52 70.5 54.8 82.2
 51 32.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 41.34 ng
 RT: 2.26 min Scan# 114
 Delta R.T. 0.11 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion: 42 Resp: 65029
 Ion Ratio Lower Upper
 42 100
 74 155.3 103.9 155.9
 44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 124.74 ng

RT: 5.25 min Scan# 622

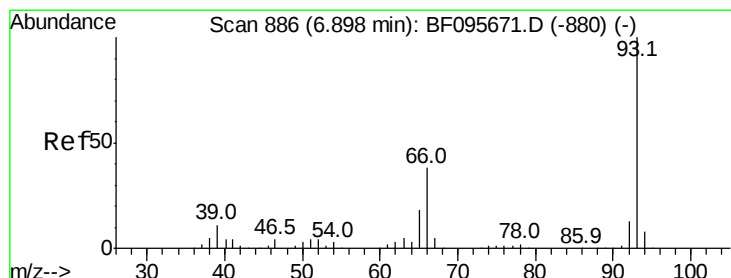
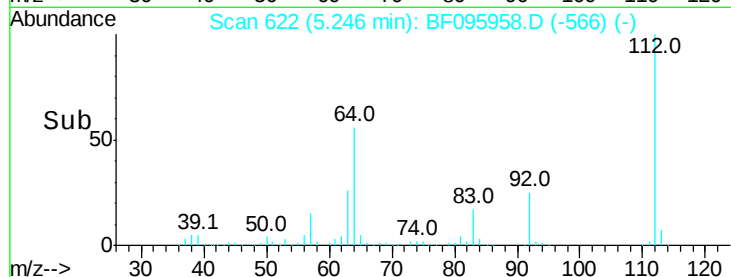
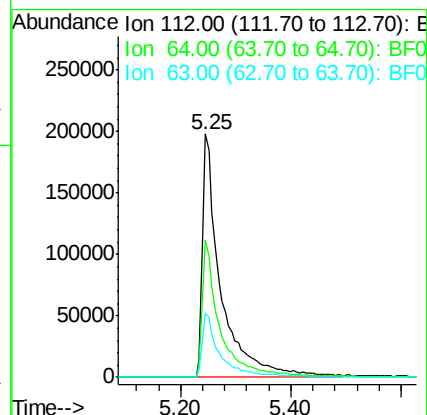
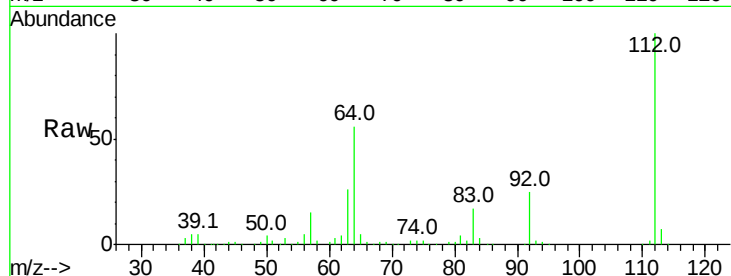
Delta R.T. 0.03 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	461641
Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.0	69.0
63	26.3	23.4	35.0



#6

Aniline

Concen: 12.78 ng

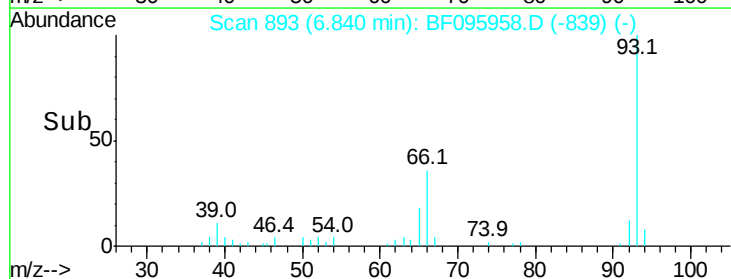
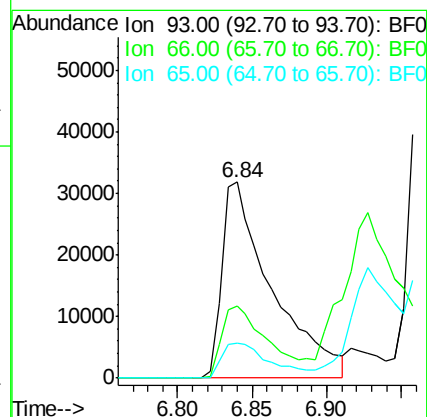
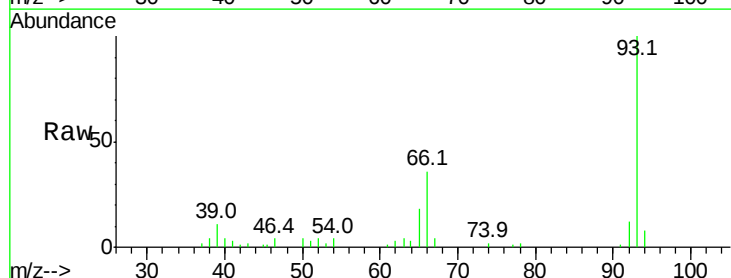
RT: 6.84 min Scan# 893

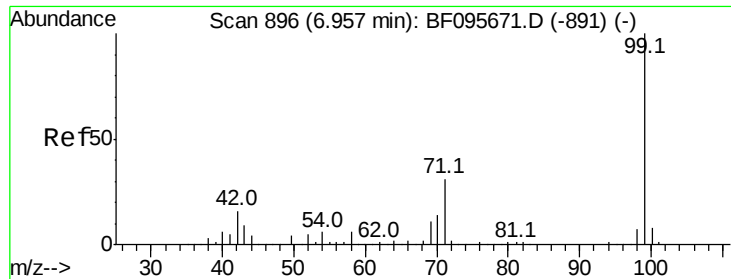
Delta R.T. 0.02 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:	93	Resp:	74089
Ion	Ratio	Lower	Upper
93	100		
66	36.5	32.9	49.3
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 123.12 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

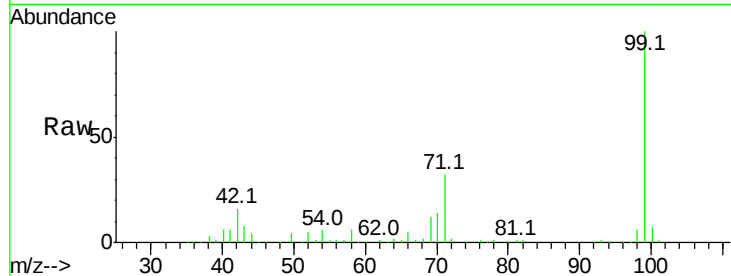
Tot Ion: 99 Resp: 545503

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

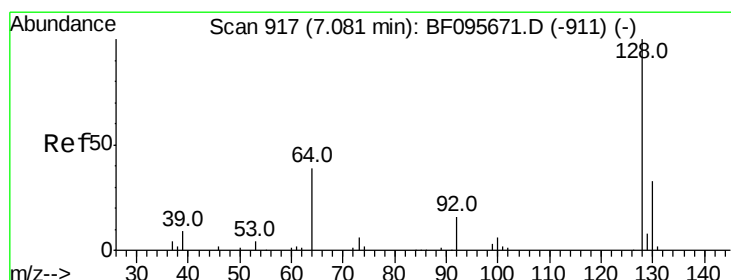
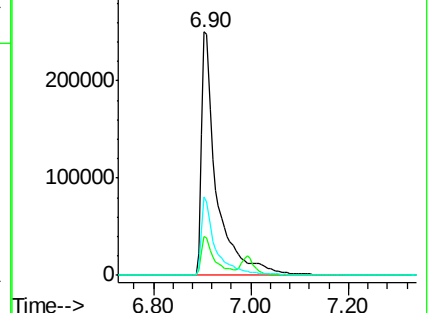
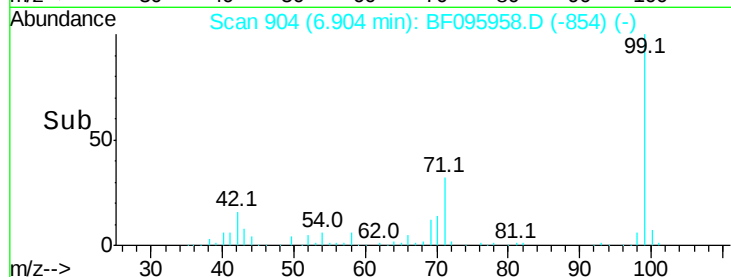
71 32.3 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.92 ng

RT: 7.02 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

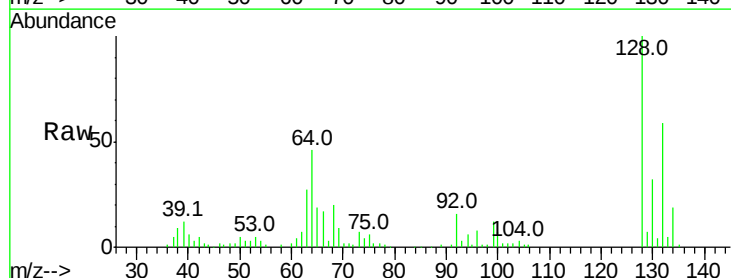
Tgt Ion:128 Resp: 176768

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

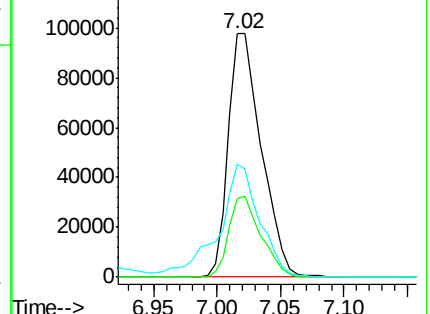
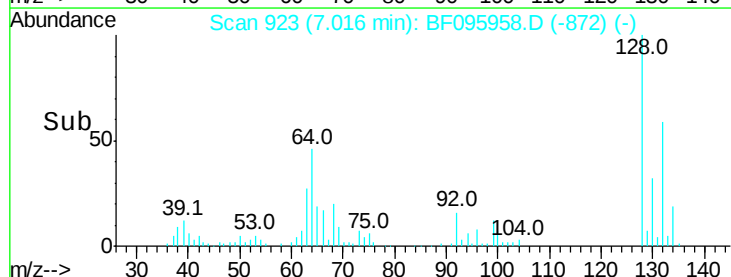
64 46.4 28.4 68.4

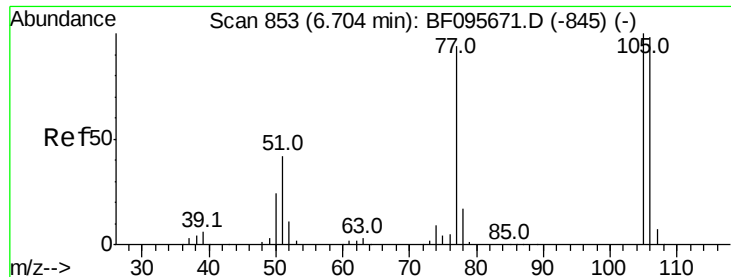


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

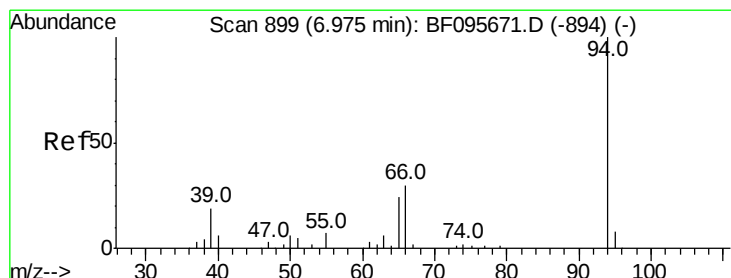
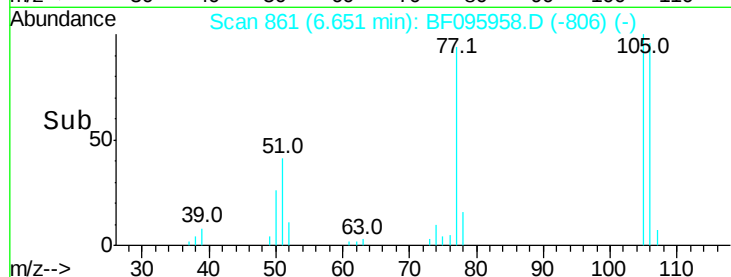
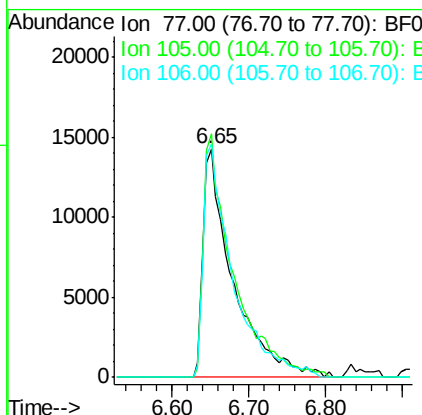
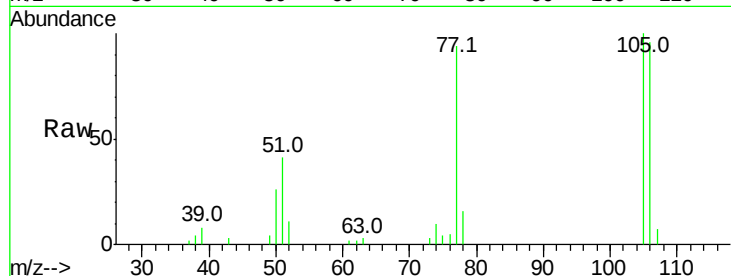




#9
Benzaldehyde
Concen: 12.90 ng
RT: 6.65 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

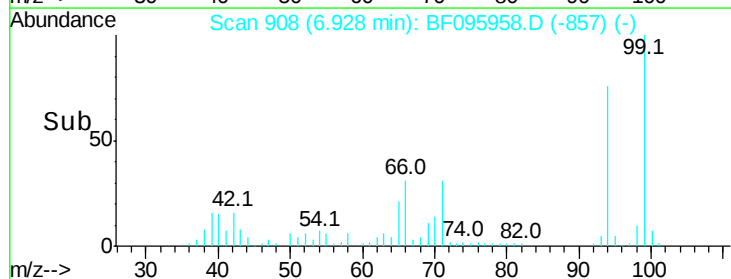
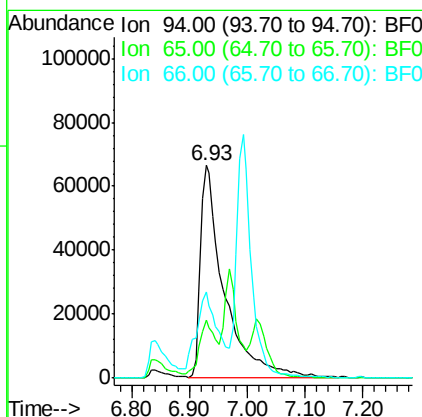
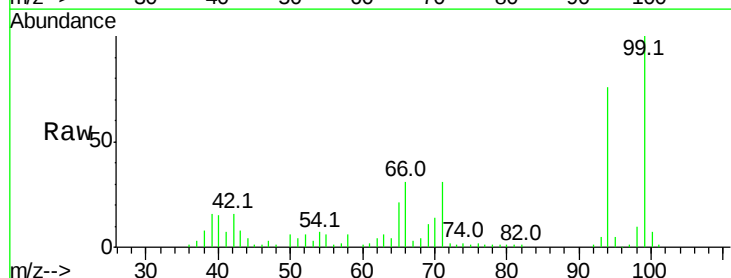
Instrument :
BNA_F
ClientSampleId :

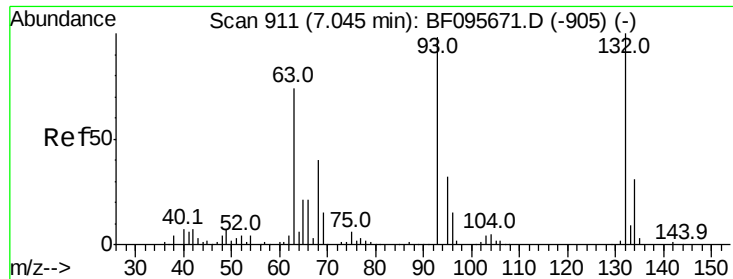
Tot Ion: 77 Resp: 38546
Ion Ratio Lower Upper
77 100
105 106.5 83.8 123.8
106 102.3 79.1 119.1



#10
Phenol
Concen: 42.14 ng
RT: 6.93 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion: 94 Resp: 193674
Ion Ratio Lower Upper
94 100
65 27.0 9.9 49.9
66 40.4 23.1 63.1

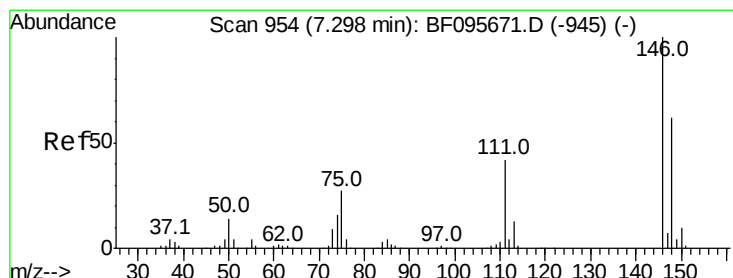
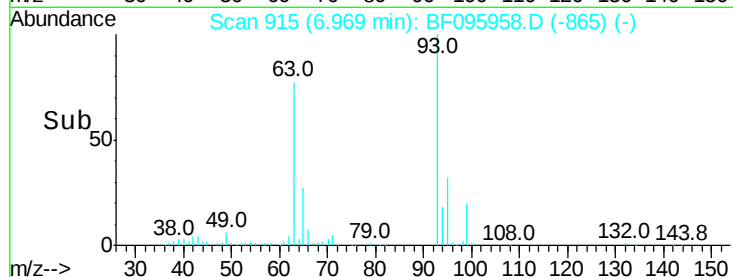
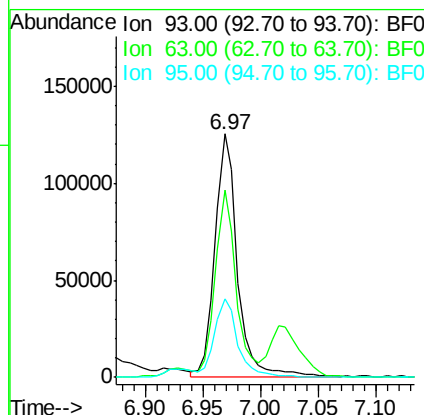
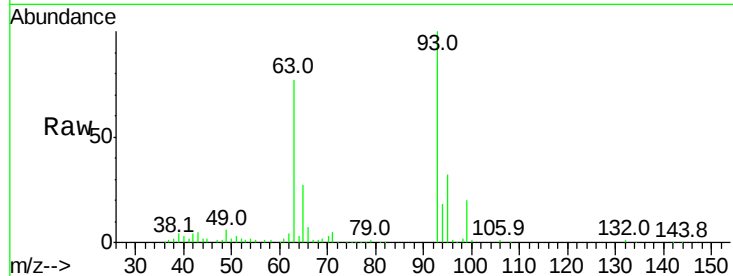




#11
bis(2-Chloroethyl)ether
Concen: 46.15 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

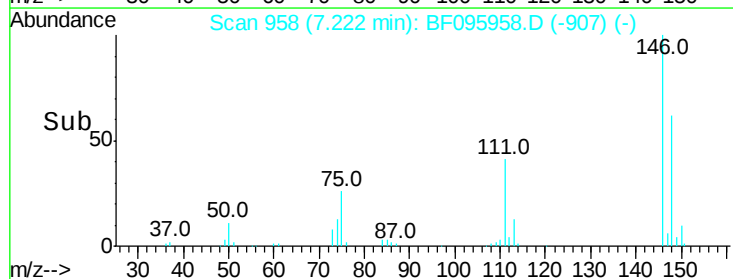
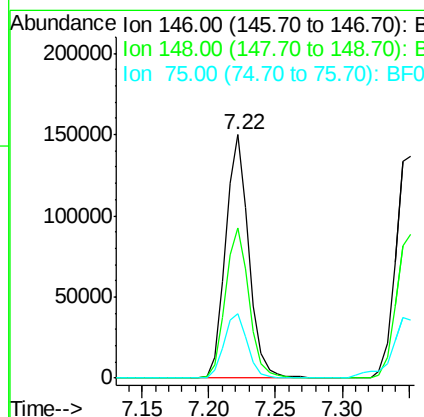
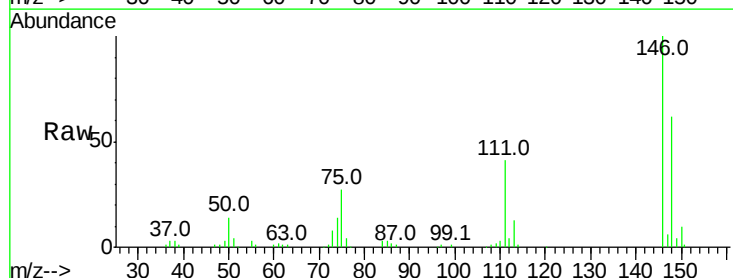
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 168013
Ion Ratio Lower Upper
93 100
63 76.7 59.2 99.2
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.17 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion: 146 Resp: 183356
Ion Ratio Lower Upper
146 100
148 61.7 51.8 77.6
75 26.6 23.1 34.7

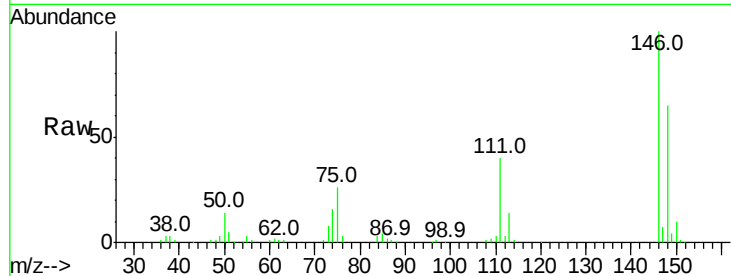




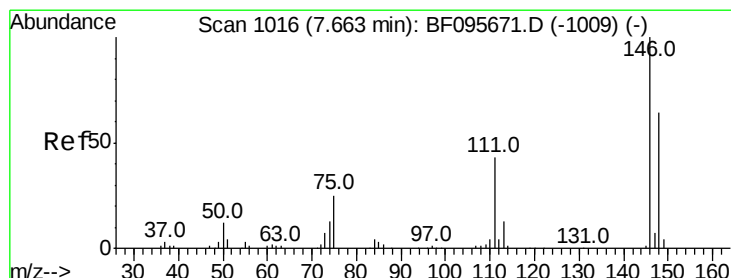
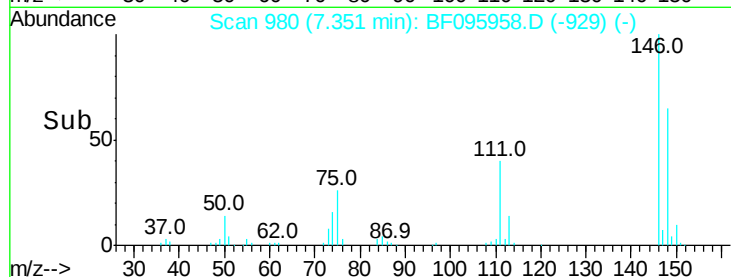
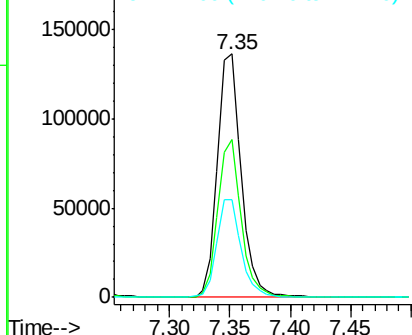
#13
 1,4-Dichlorobenzene
 Concen: 41.19 ng
 RT: 7.35 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 186030
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 40.0 30.3 45.5

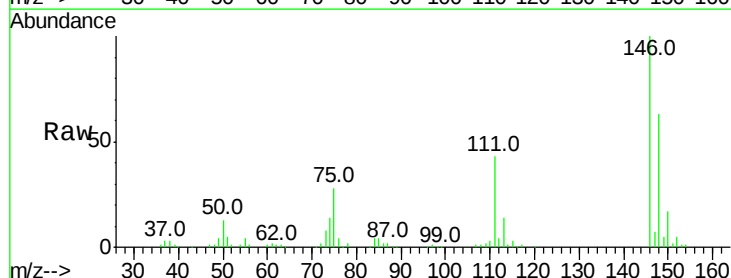


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

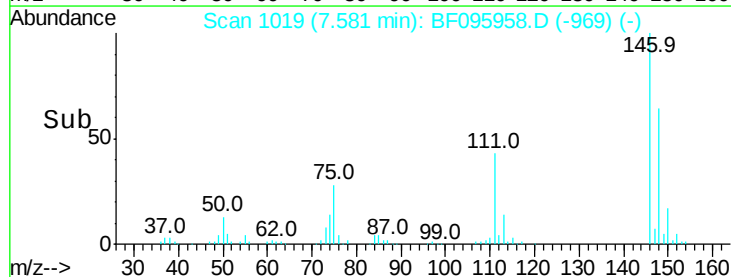
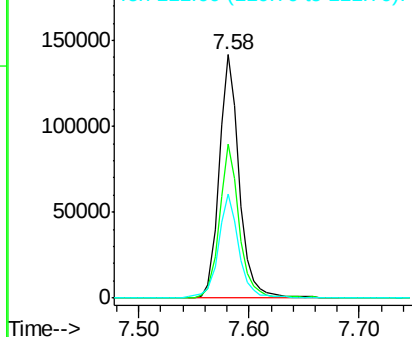


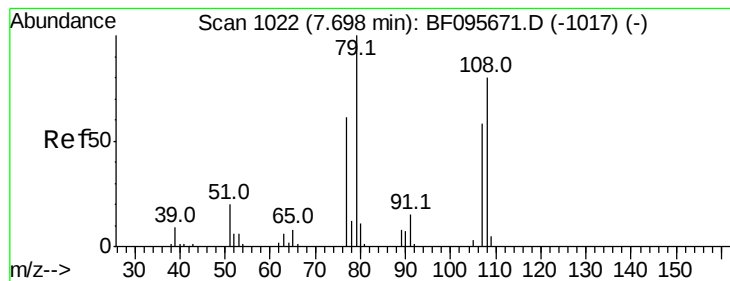
#14
 1,2-Dichlorobenzene
 Concen: 43.05 ng
 RT: 7.58 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:146 Resp: 179253
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.4 75.6
 111 42.5 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: 46.12 ng

RT: 7.64 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleID :

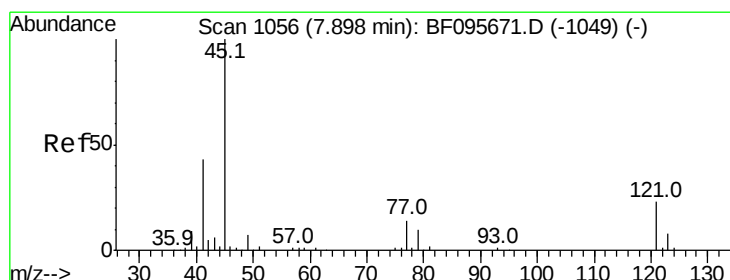
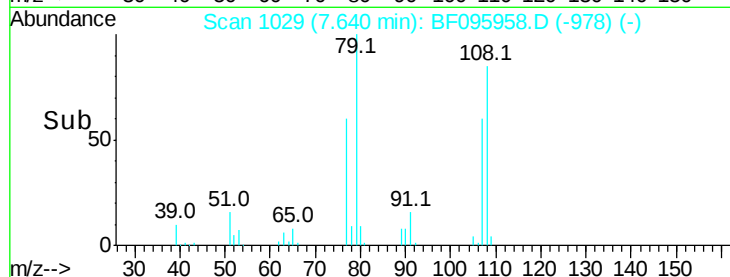
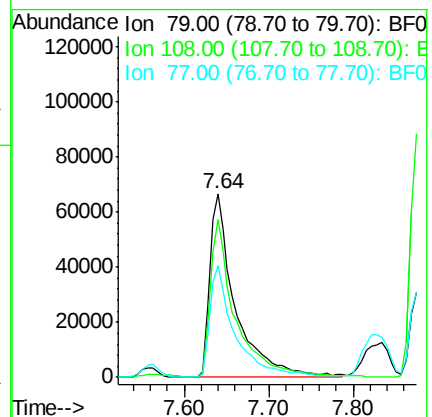
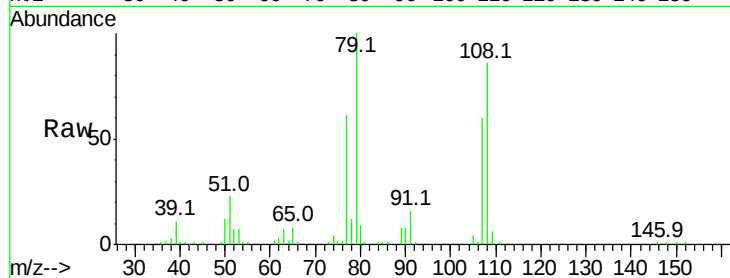
Tot Ion: 79 Resp: 140245

Ion Ratio Lower Upper

79 100

108 85.9 63.4 95.0

77 60.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.34 ng

RT: 7.83 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

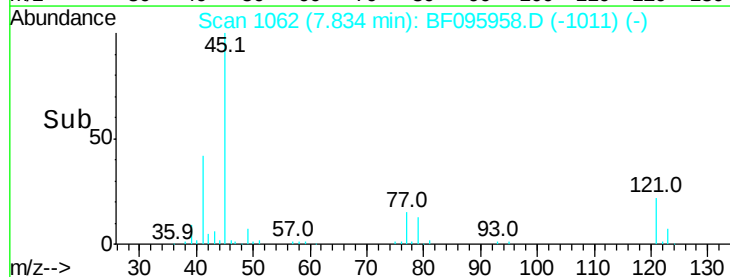
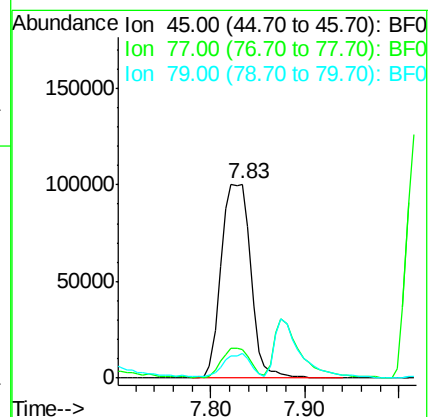
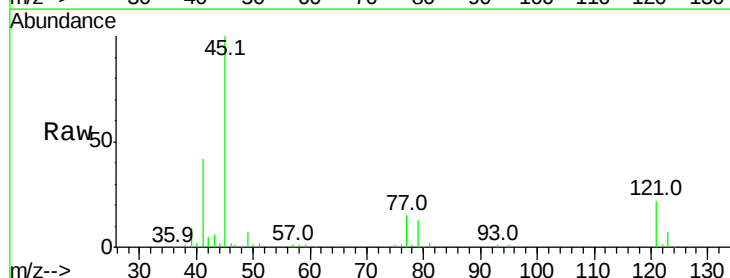
Tgt Ion: 45 Resp: 221684

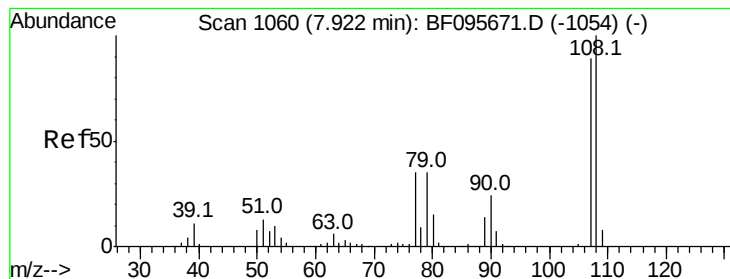
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.2

79 12.6 0.0 30.0

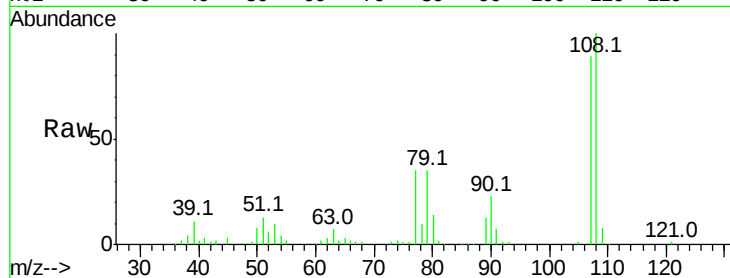




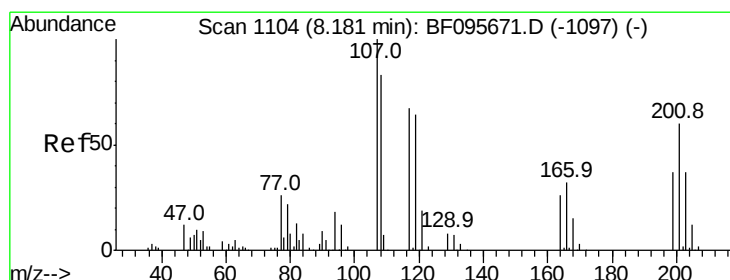
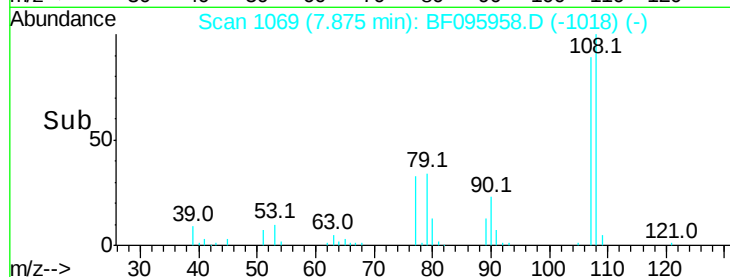
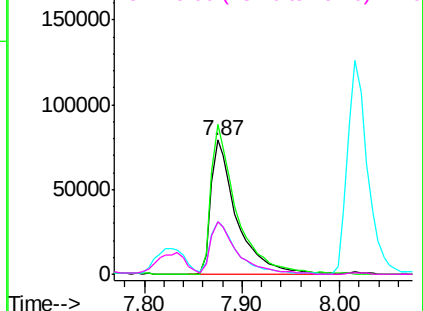
#17
2-Methylphenol
Concen: 43.94 ng
RT: 7.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	93.4	140.0
77	39.0	35.8	53.6
79	39.0	34.8	52.2

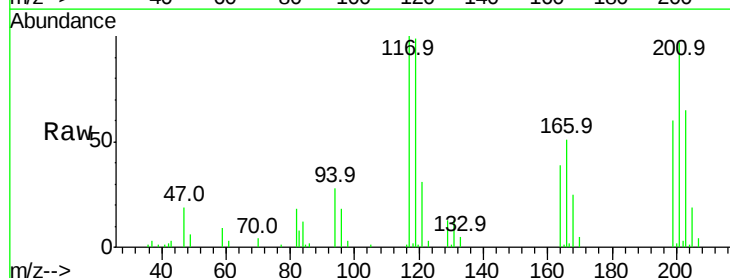


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

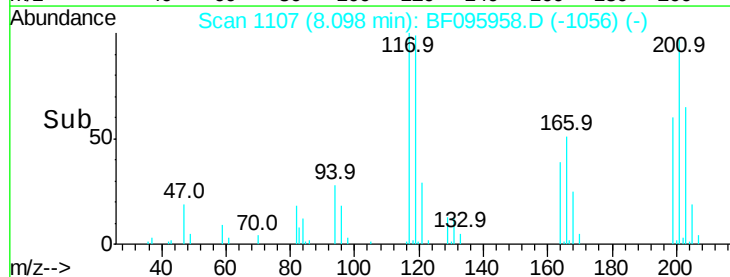
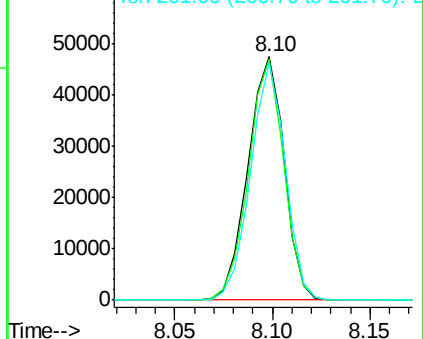


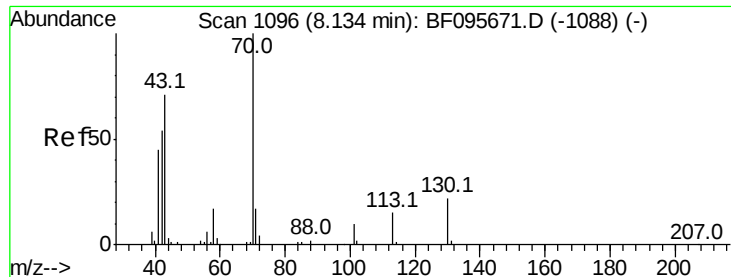
#18
Hexachloroethane
Concen: 40.99 ng
RT: 8.10 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.4	116.0
201	97.2	94.6	141.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

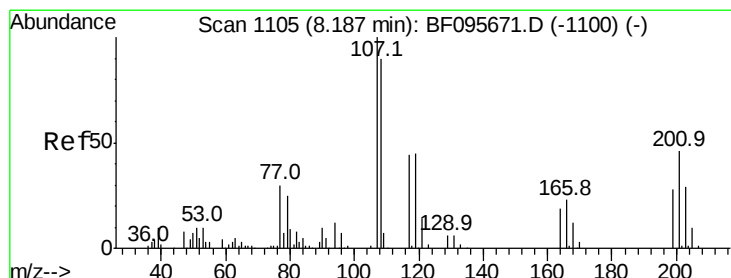
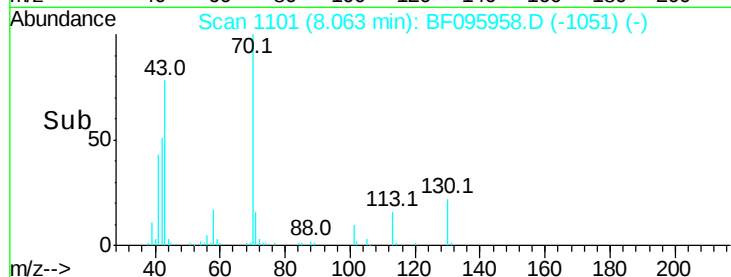
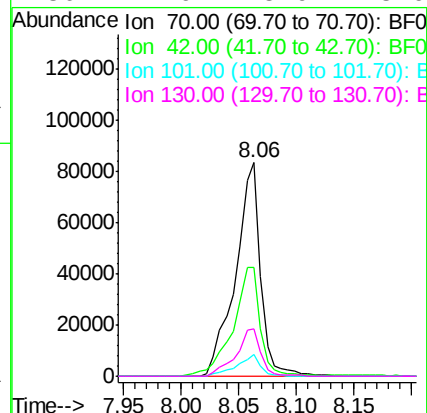
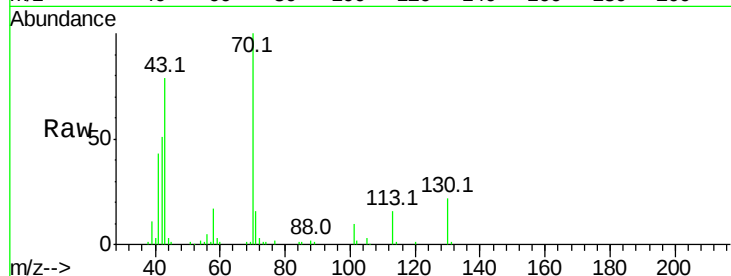




#19
n-Nitroso-di-n-propylamine
Concen: 45.08 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

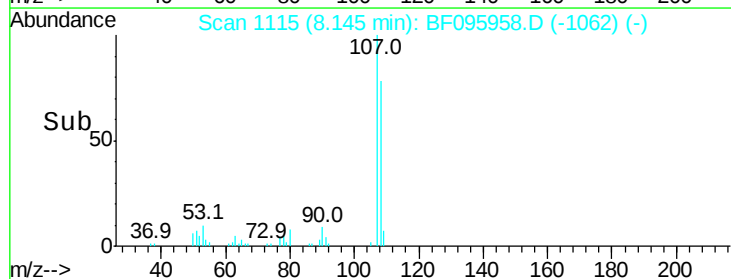
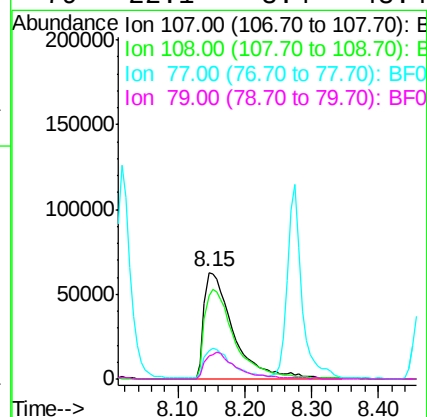
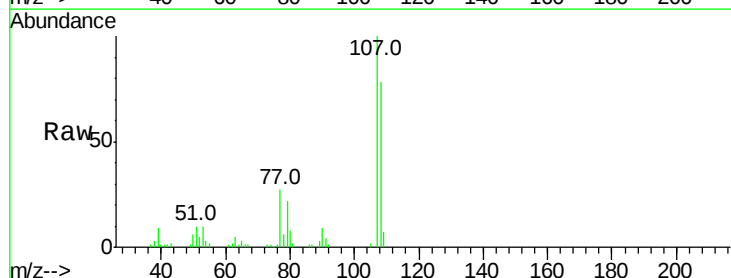
Instrument :
BNA_F
ClientSampleId :

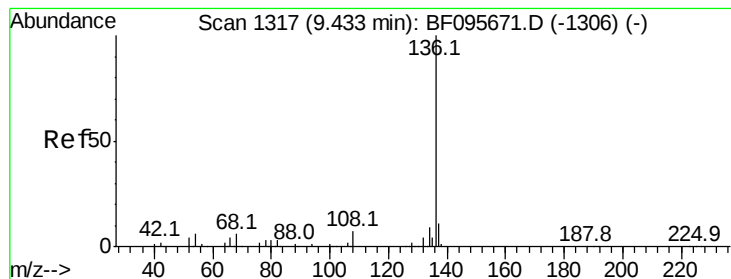
Tot Ion: 70 Resp: 126576
Ion Ratio Lower Upper
70 100
42 50.7 47.2 70.8
101 10.0 7.2 10.8
130 21.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.90 ng
RT: 8.15 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:107 Resp: 192412
Ion Ratio Lower Upper
107 100
108 78.4 71.0 111.0
77 26.9 90.5 130.5#
79 22.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 244070

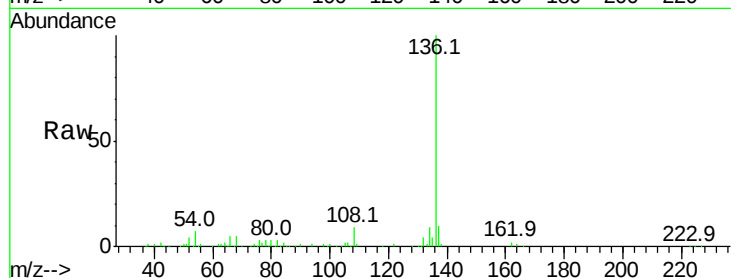
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

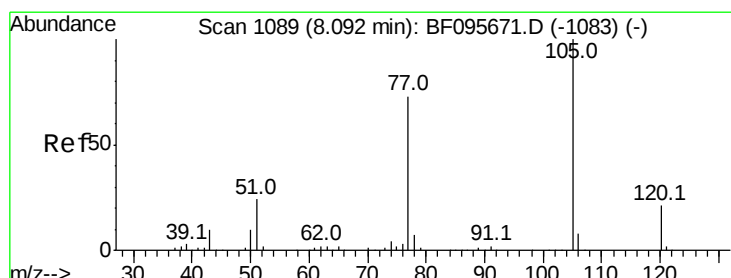
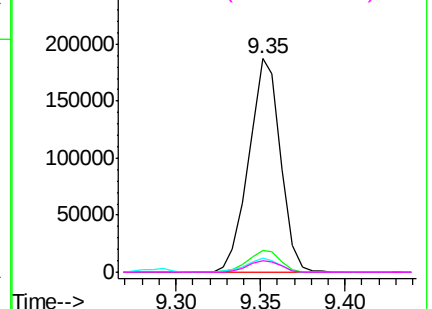
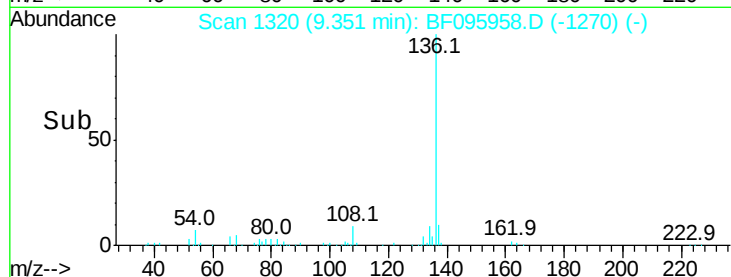


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.03 ng

RT: 8.02 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Tgt Ion:105 Resp: 251517

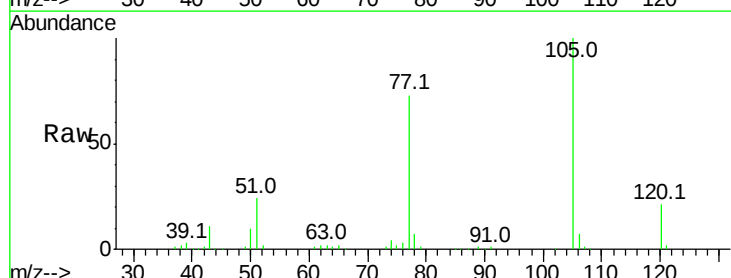
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.7 30.7 46.1#

120 20.5 17.4 26.0

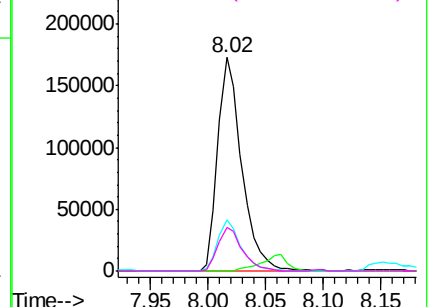
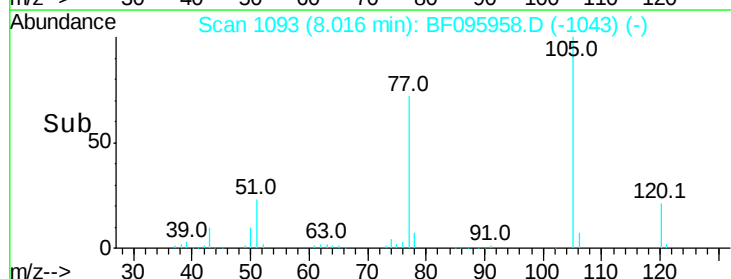


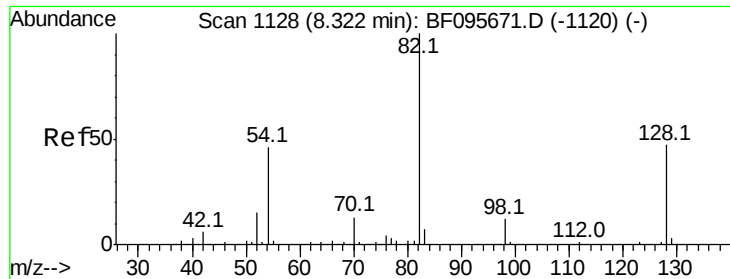
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

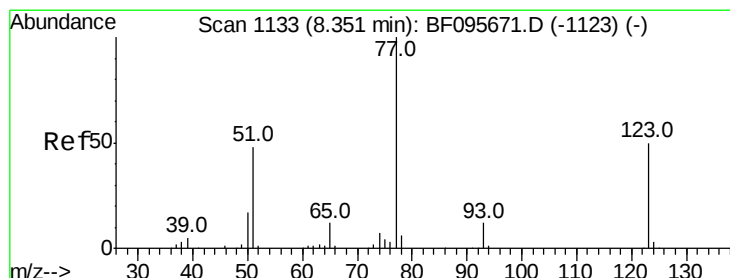
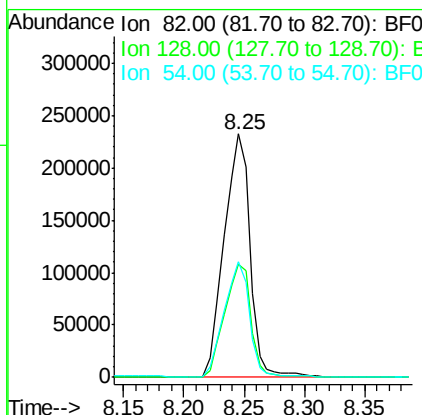
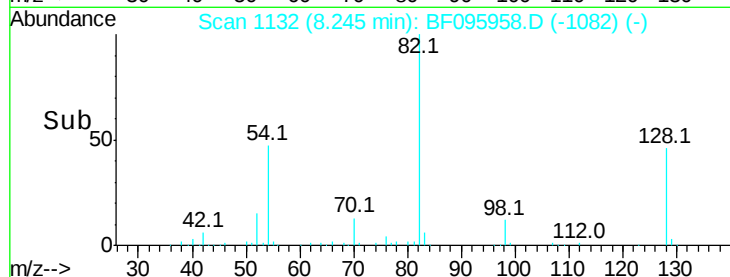
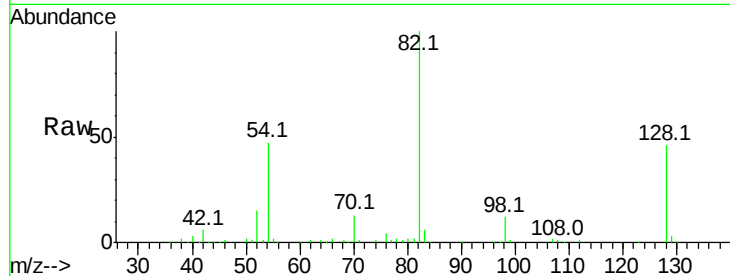




#23
 Nitrobenzene-d5
 Concen: 88.43 ng
 RT: 8.25 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

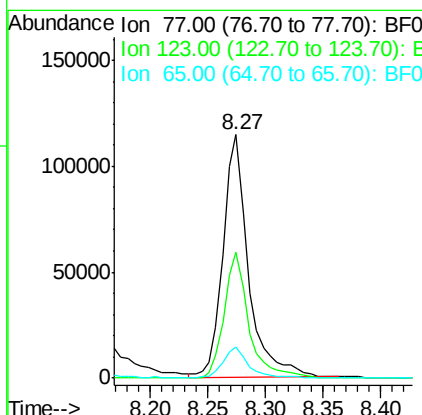
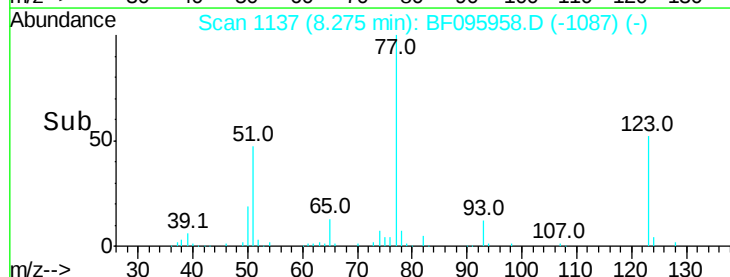
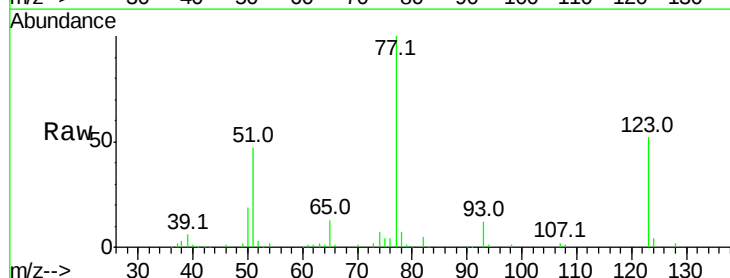
Instrument :
 BNA_F
 ClientSampleID :

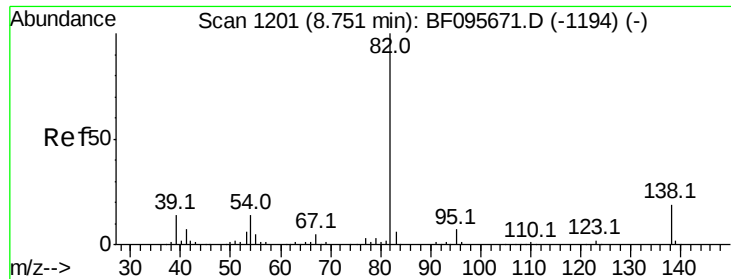
Tot Ion	82	Resp	347544
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	47.2	42.2	63.2



#24
 Nitrobenzene
 Concen: 41.47 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	77	Resp	174106
Ion	Ratio	Lower	Upper
77	100		
123	51.8	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 43.56 ng

RT: 8.68 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

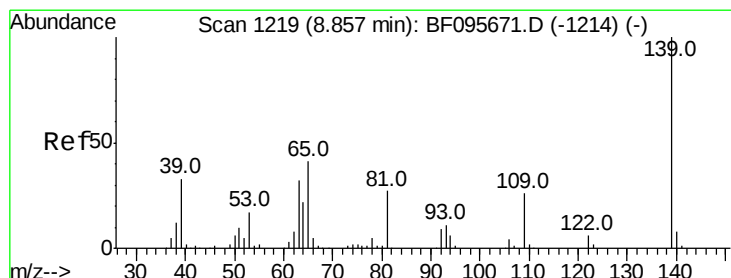
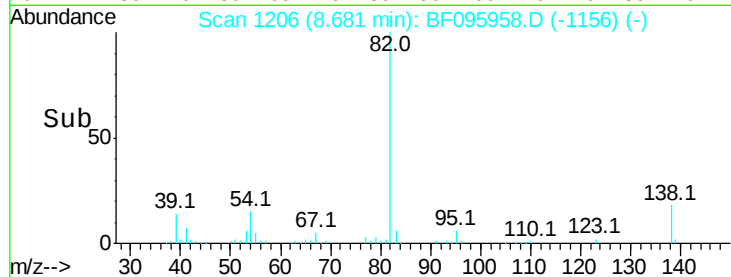
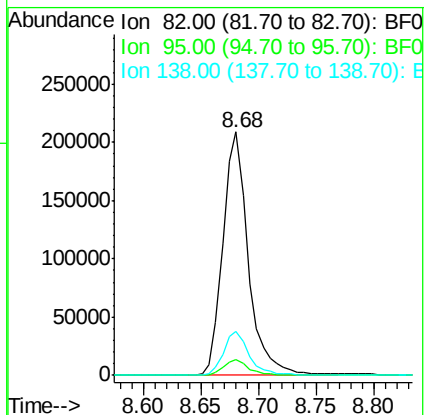
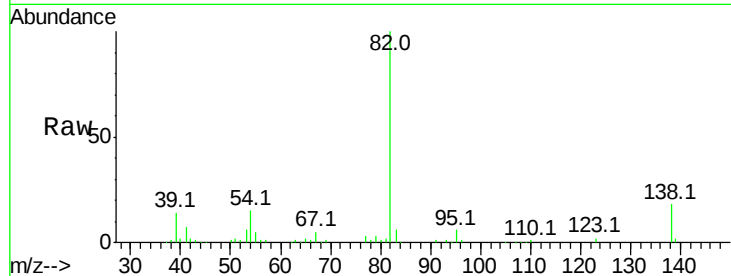
Tot Ion: 82 Resp: 319620

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 17.9 13.1 19.7



#26

2-Nitrophenol

Concen: 44.12 ng

RT: 8.79 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

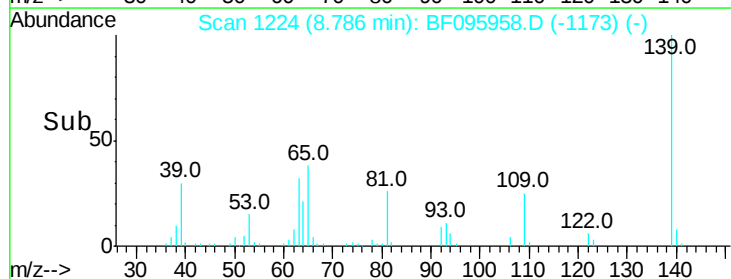
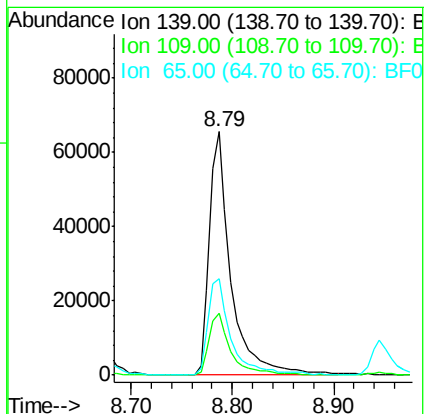
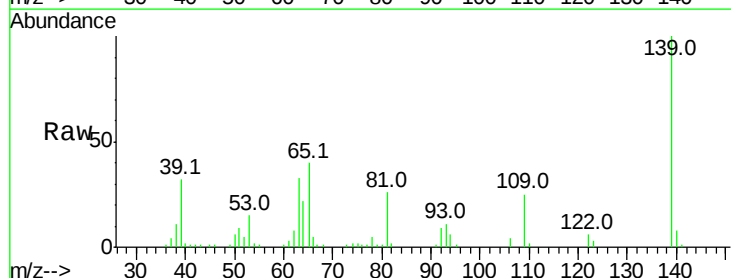
Tgt Ion:139 Resp: 96981

Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.6

65 39.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 45.43 ng

RT: 8.95 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

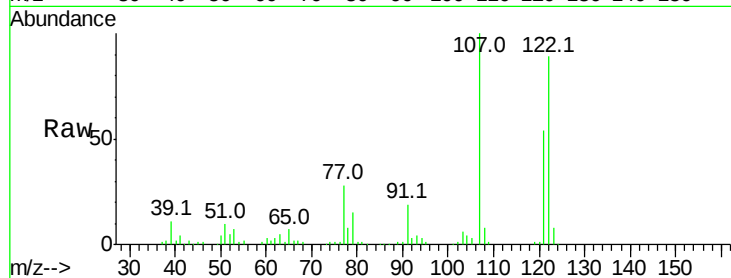
Tot Ion:122 Resp: 154995

Ion Ratio Lower Upper

122 100

107 111.8 89.2 133.8

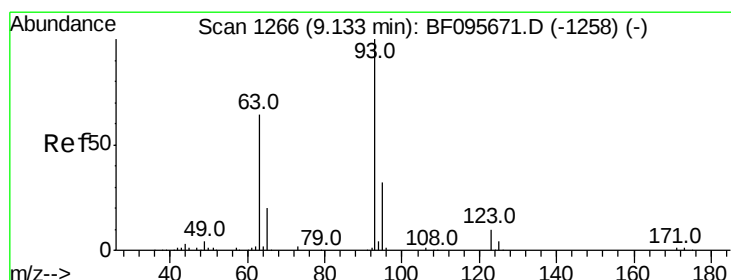
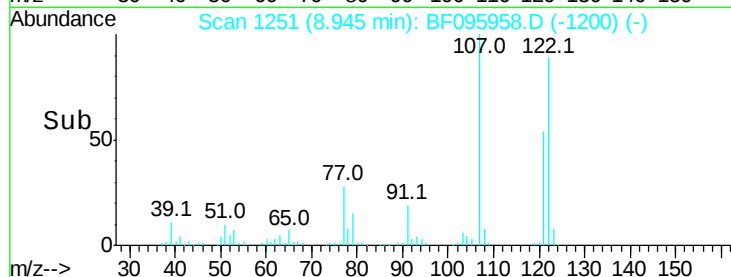
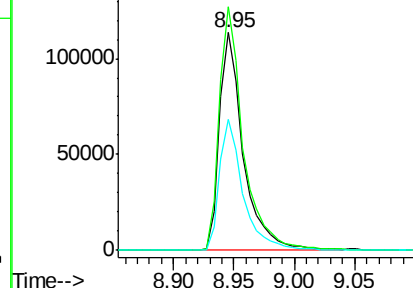
121 60.0 45.2 67.8



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: 42.19 ng

RT: 9.06 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

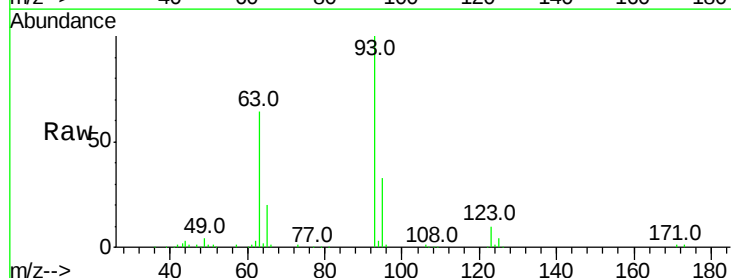
Tgt Ion: 93 Resp: 204089

Ion Ratio Lower Upper

93 100

95 33.4 26.5 39.7

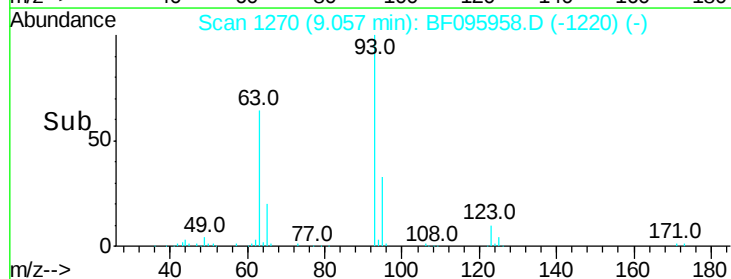
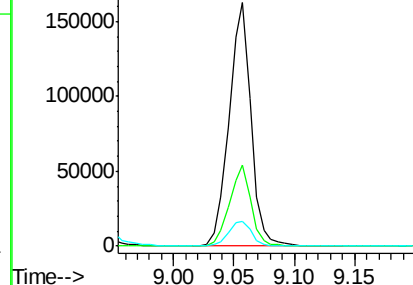
123 10.3 9.0 13.4

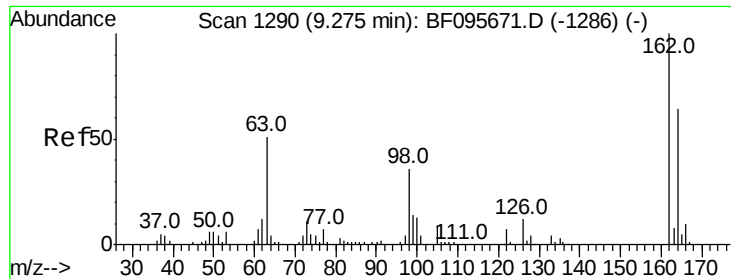


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

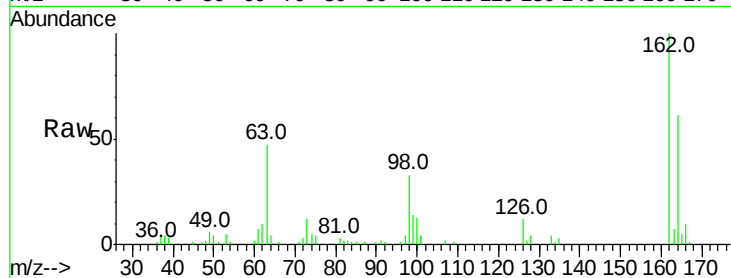




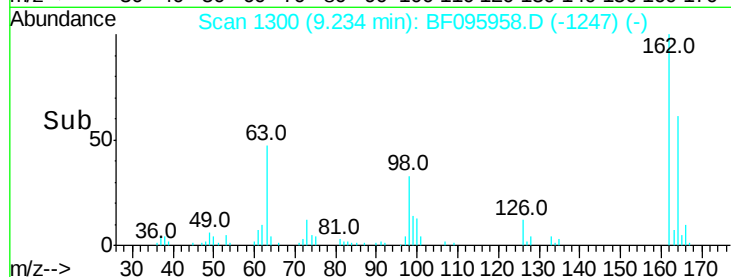
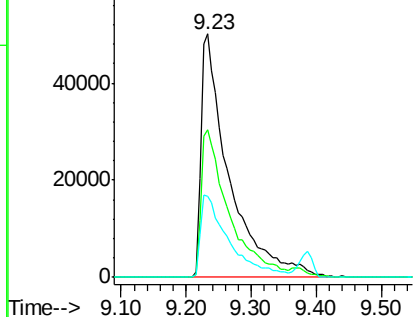
#29
 2,4-Dichlorophenol
 Concen: 45.22 ng
 RT: 9.23 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.6	84.6
98	33.4	14.8	54.8

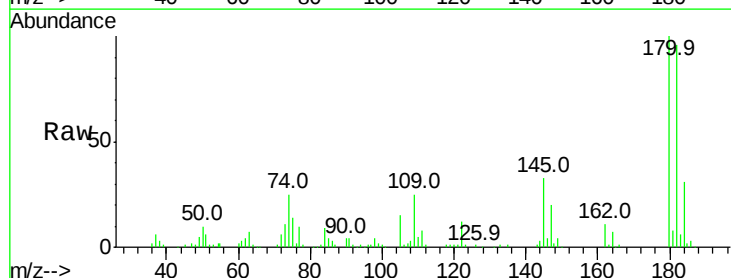


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

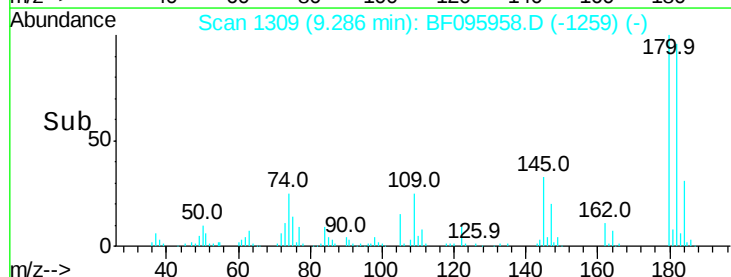
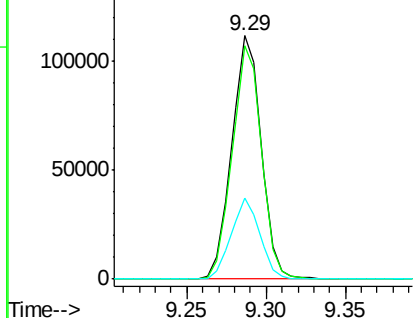


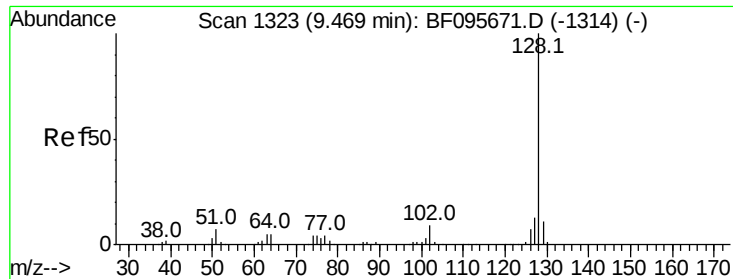
#30
 1,2,4-Trichlorobenzene
 Concen: 41.86 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.6
145	33.4	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

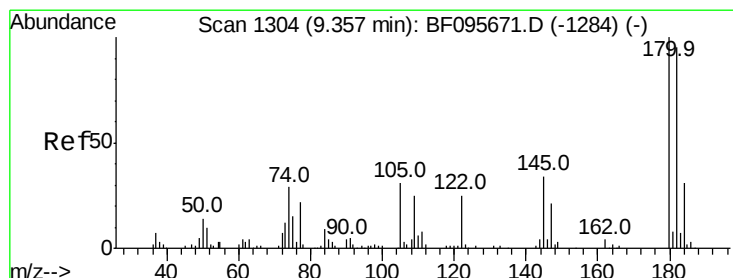
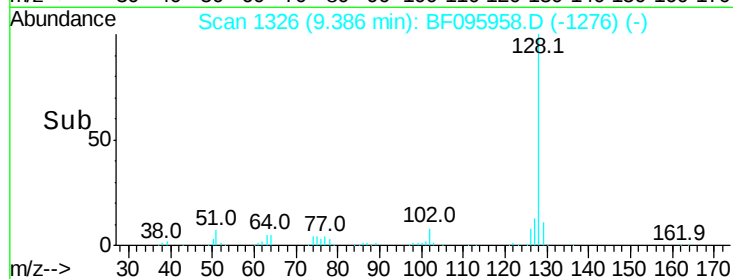
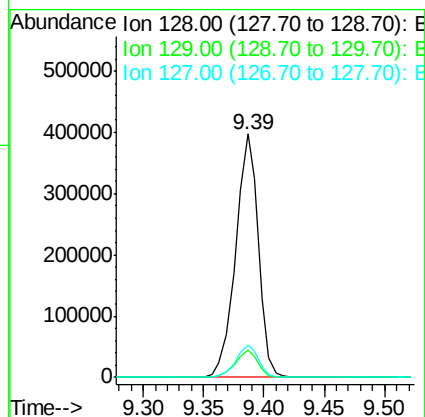
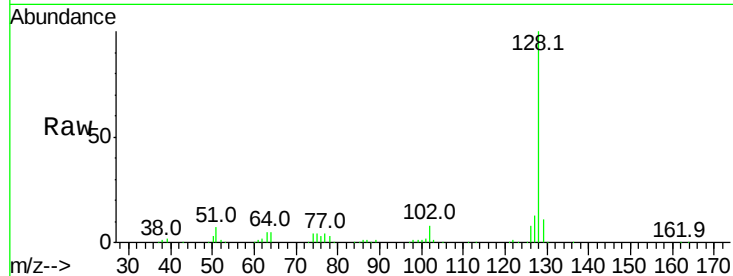




#31
Naphthalene
Concen: 42.57 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

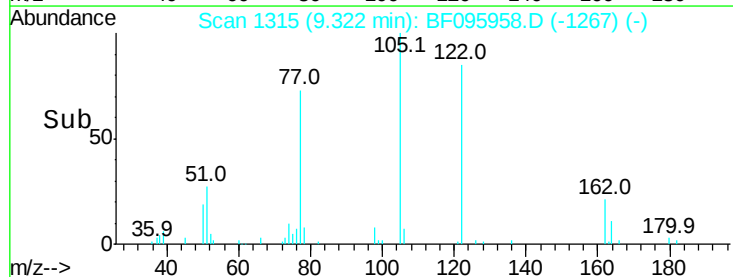
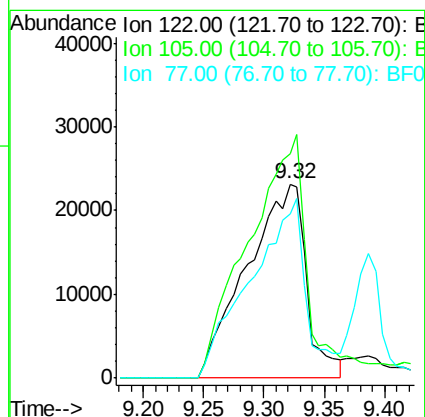
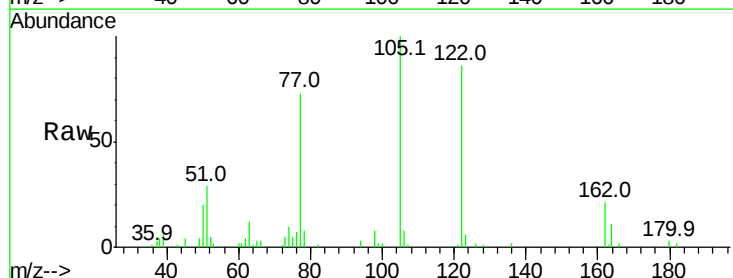
Instrument :
BNA_F
ClientSampled :

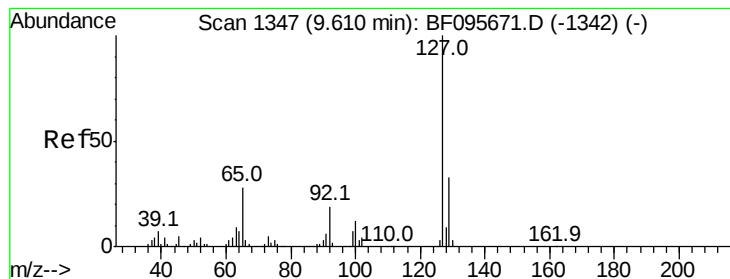
Tot Ion:128 Resp: 521401
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 38.25 ng
RT: 9.32 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:122 Resp: 79070
Ion Ratio Lower Upper
122 100
105 115.7 103.3 143.3
77 84.9 73.7 113.7





#33

4-Chloroaniline

Concen: 14.23 ng

RT: 9.57 min Scan# 1357

Delta R.T. 0.02 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 68113

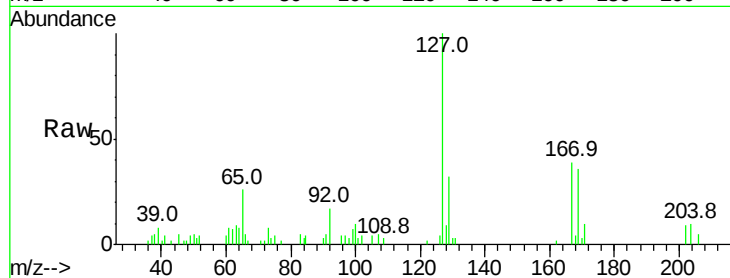
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 26.1 27.8 41.8#

92 16.6 16.8 25.2#

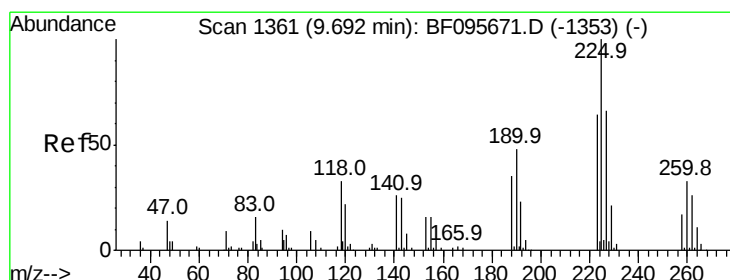
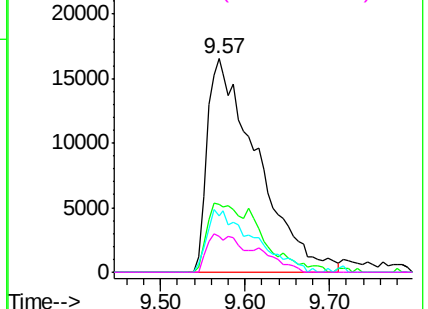
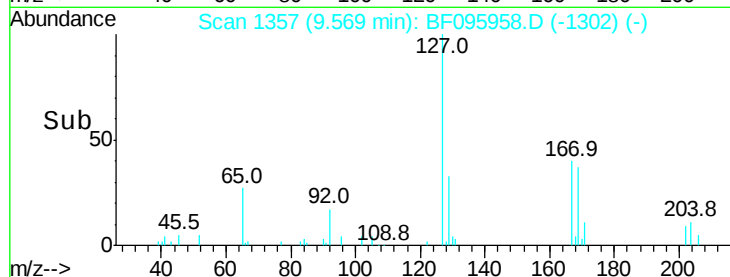


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.70 ng

RT: 9.60 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

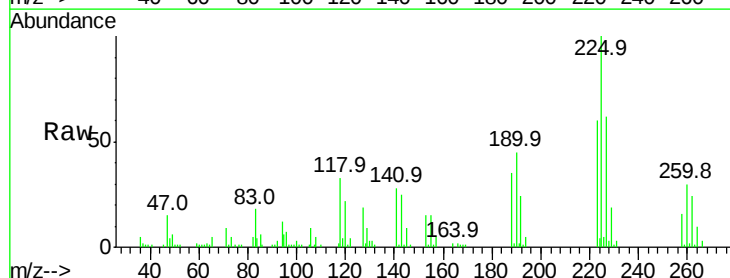
Tgt Ion:225 Resp: 73659

Ion Ratio Lower Upper

225 100

223 60.0 48.8 73.2

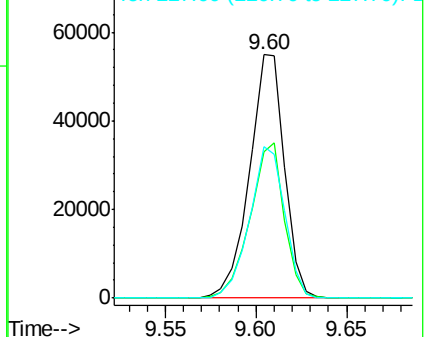
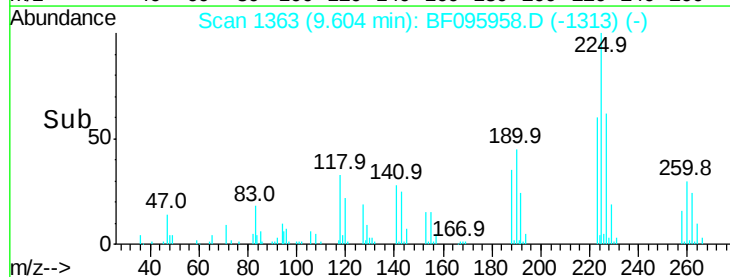
227 61.9 51.1 76.7

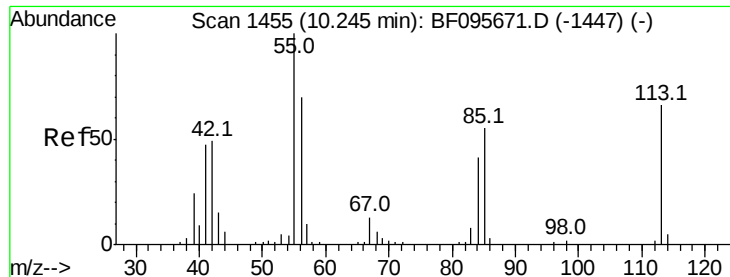


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.51 ng

RT: 10.18 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampled :

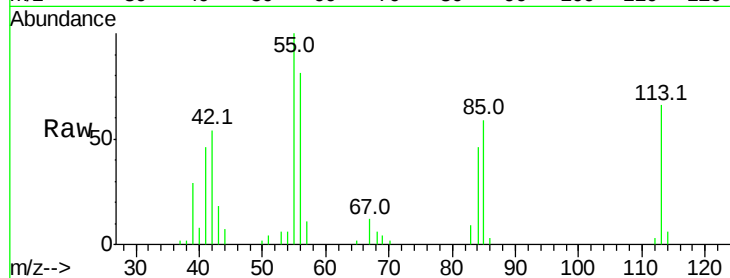
Tot Ion:113 Resp: 21026

Ion Ratio Lower Upper

113 100

55 152.5 150.2 190.2

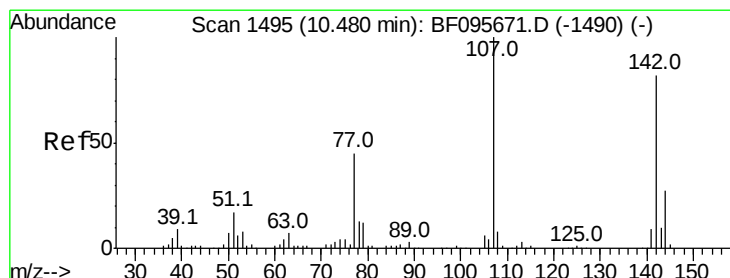
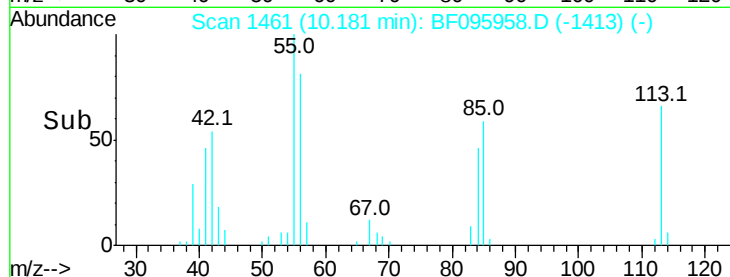
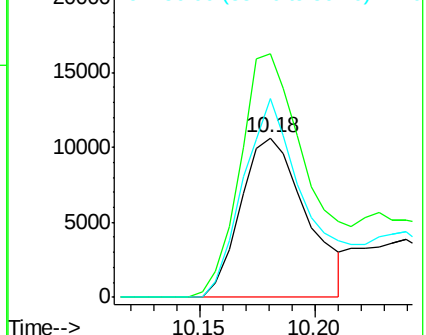
56 124.1 107.8 147.8



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: 45.34 ng

RT: 10.43 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

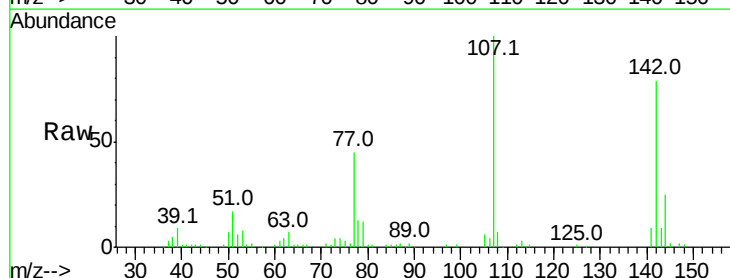
Tgt Ion:107 Resp: 155939

Ion Ratio Lower Upper

107 100

144 24.7 24.2 36.4

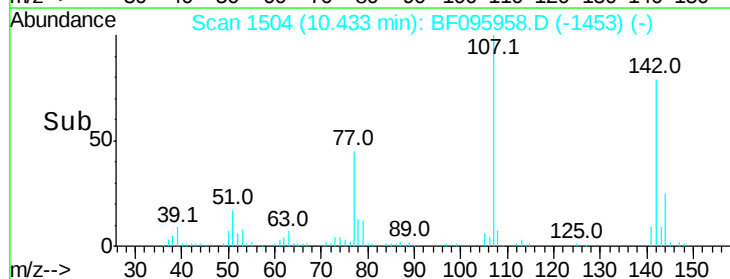
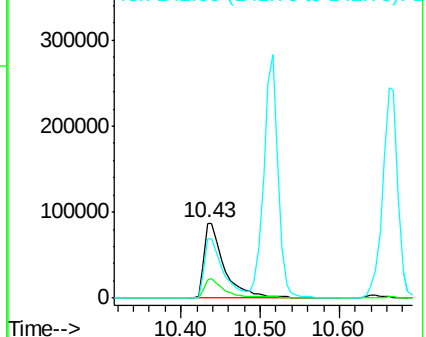
142 78.7 73.4 110.0

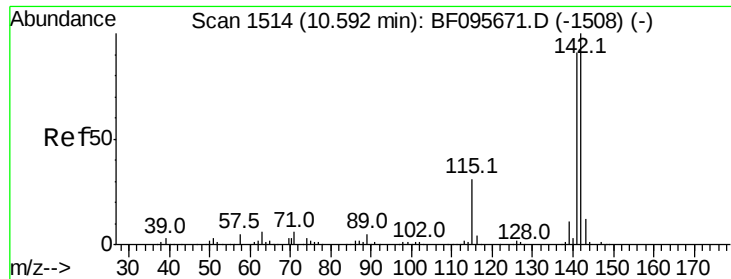


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

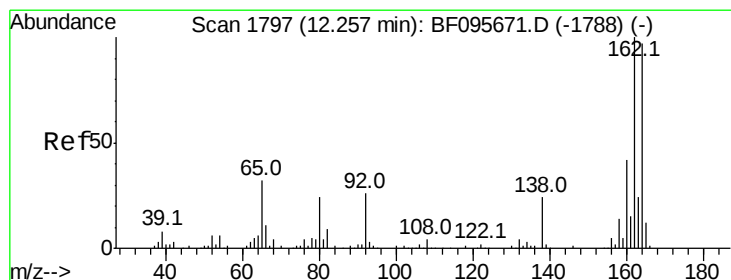
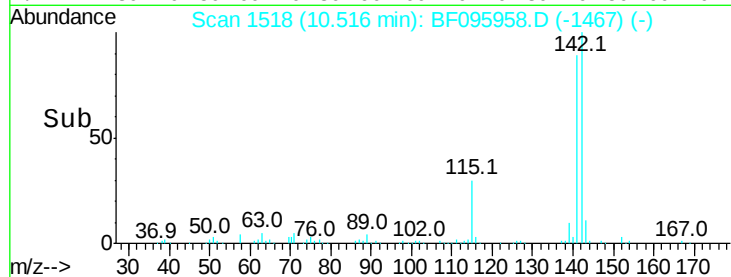
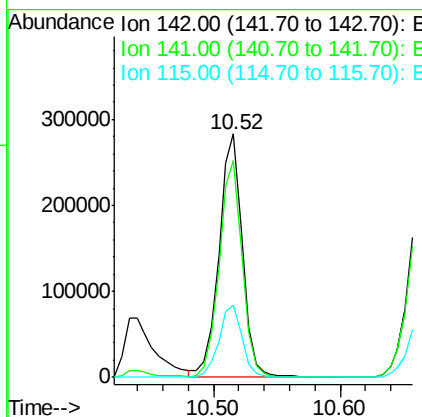
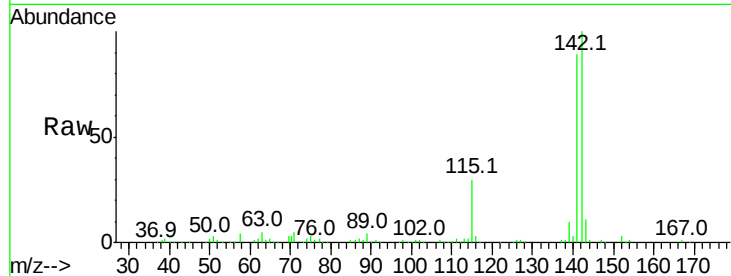




#37
2-Methylnaphthalene
Concen: 43.86 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

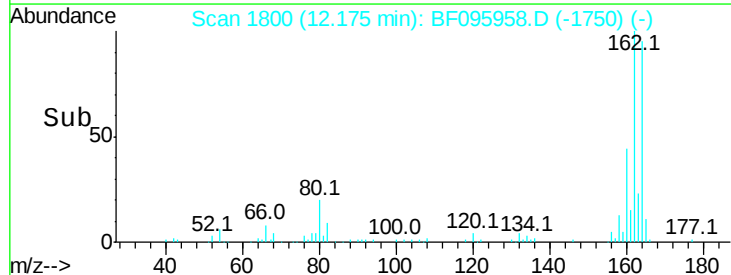
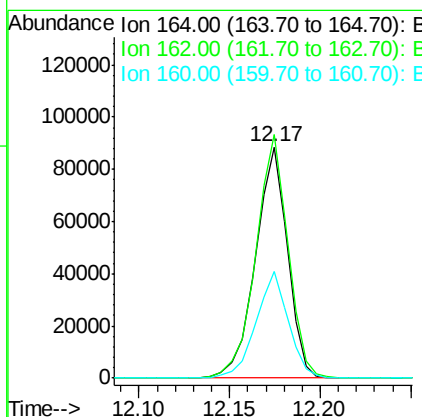
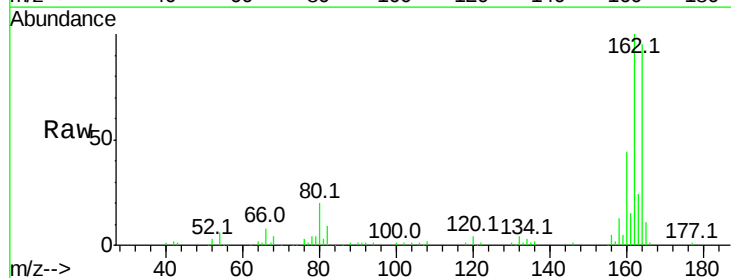
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 362980
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9
115 29.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:164 Resp: 108566
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 45.9 36.2 54.2

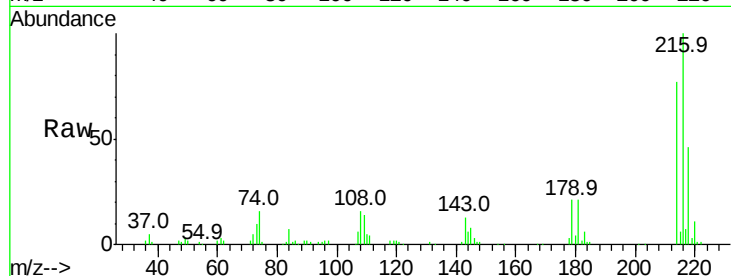




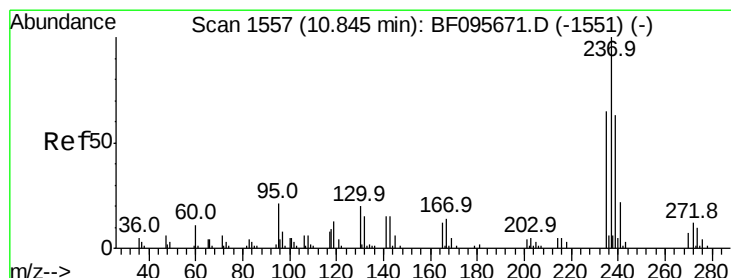
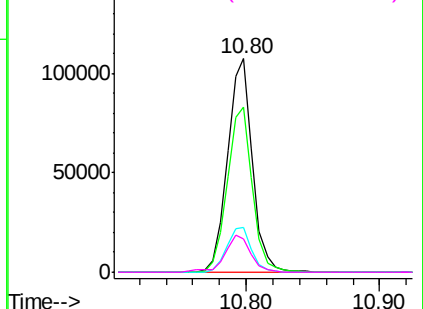
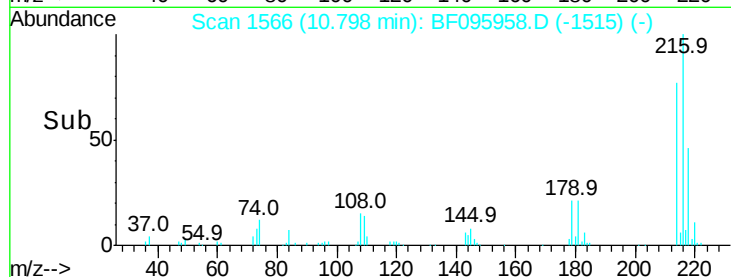
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.11 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	140062
Ion Ratio	Lower	Upper	
216	100		
214	78.0	63.4	95.2
179	21.2	17.9	26.9
108	17.9	16.5	24.7

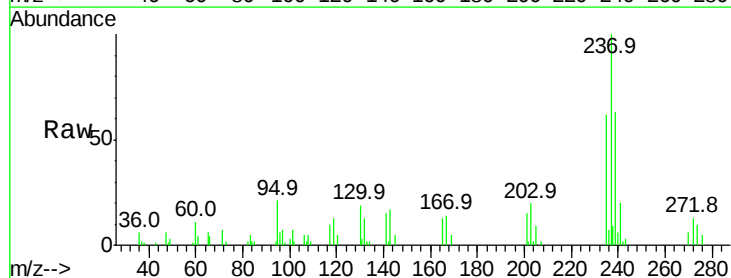


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

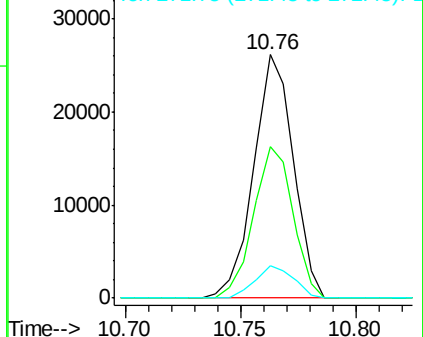
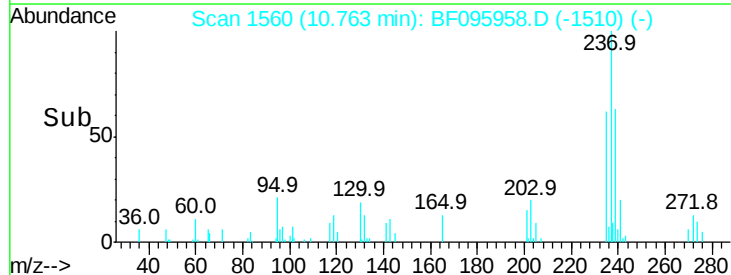


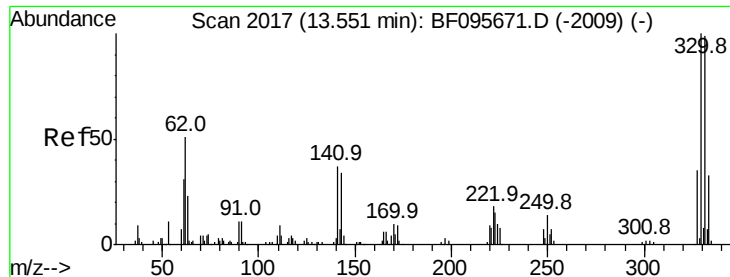
#40
 Hexachlorocyclopentadiene
 Concen: 37.59 ng
 RT: 10.76 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:	237	Resp:	31227
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.6	82.6
272	13.5	0.0	31.9



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

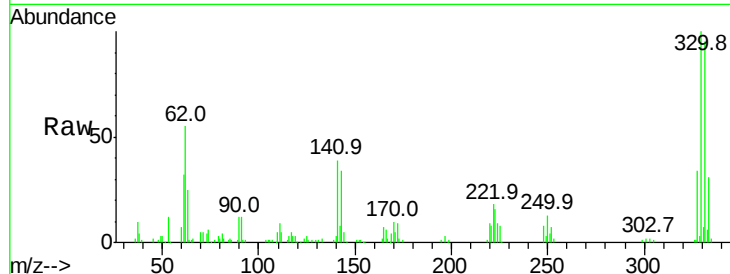




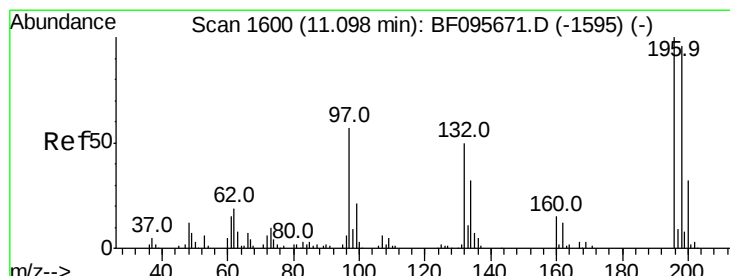
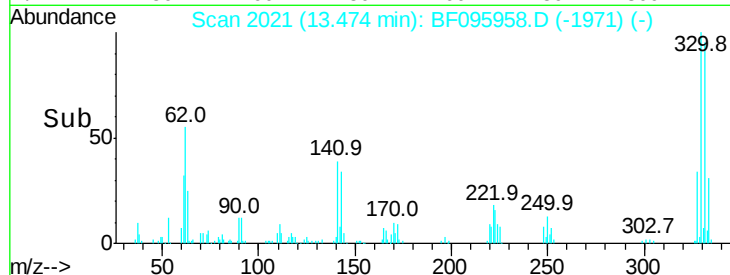
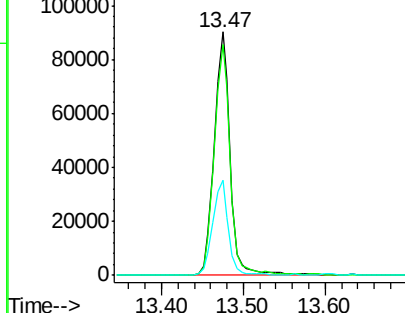
#41
 2,4,6-Tribromophenol
 Concen: 128.69 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 123617
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.1 31.4 47.2

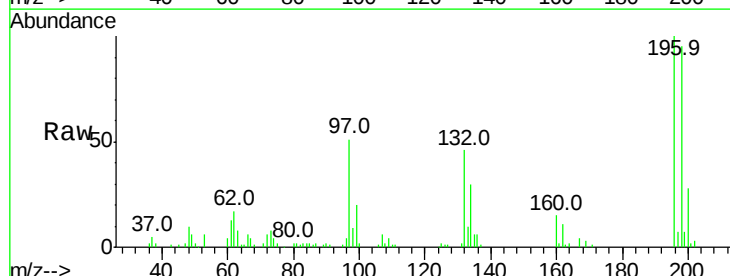


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

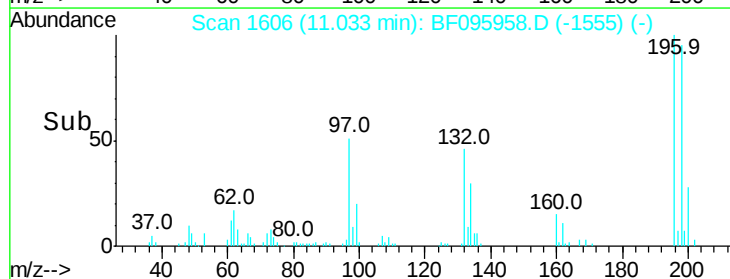
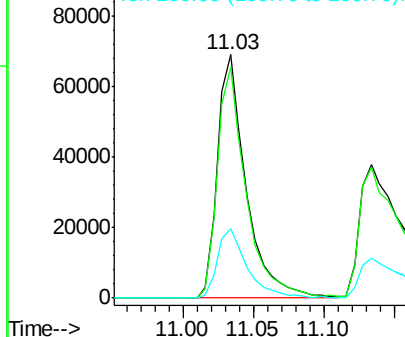


#42
 2,4,6-Trichlorophenol
 Concen: 46.70 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:196 Resp: 97556
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.4
 200 28.3 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

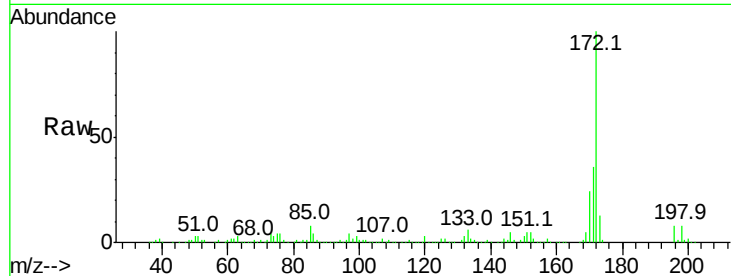




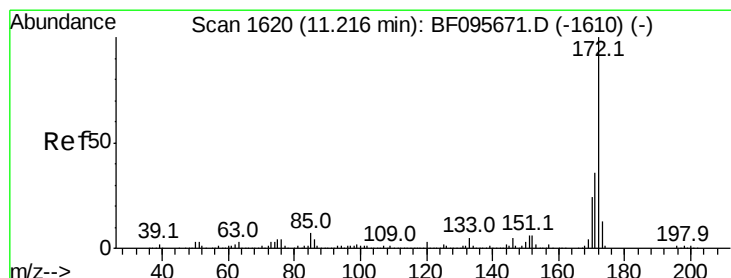
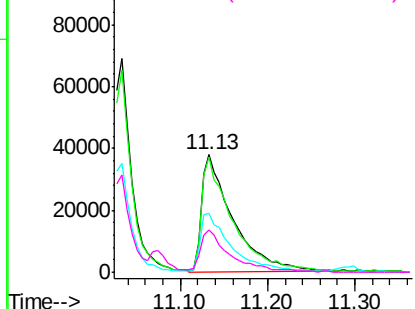
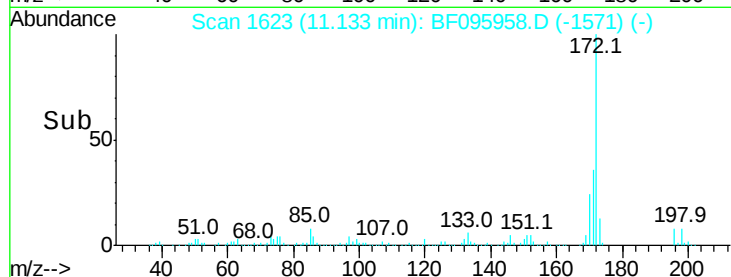
#43
 2,4,5-Trichlorophenol
 Concen: 41.50 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 92218
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.7 113.5
 97 50.5 47.7 71.5
 132 35.7 28.0 42.0

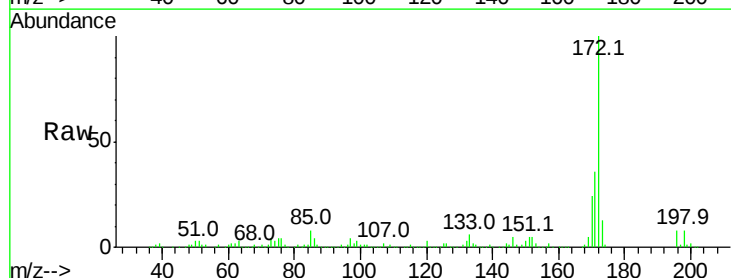


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

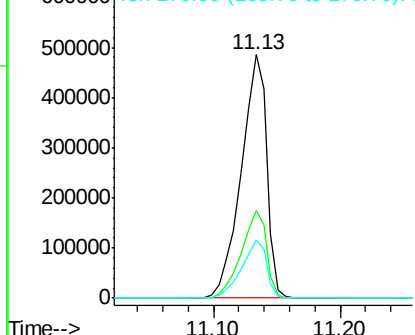
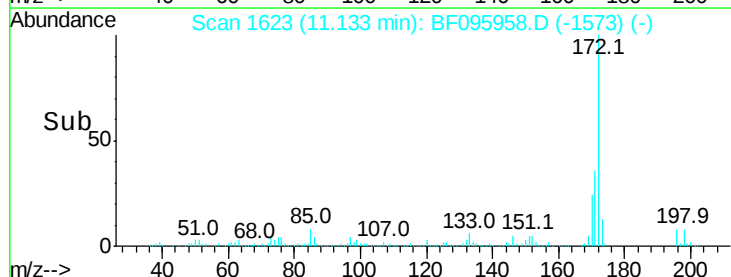


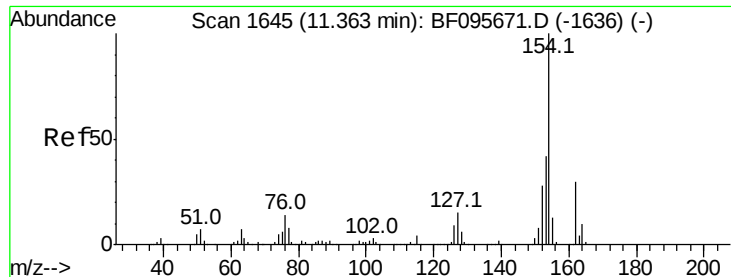
#44
 2-Fluorobiphenyl
 Concen: 86.78 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:172 Resp: 677046
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 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

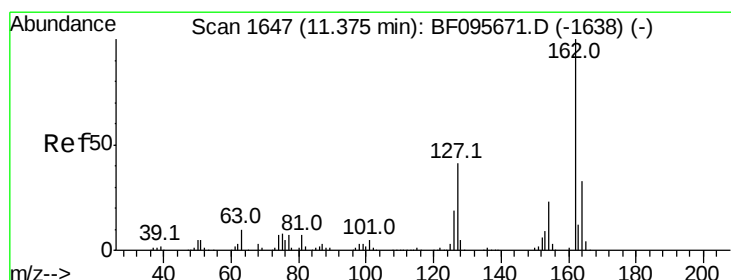
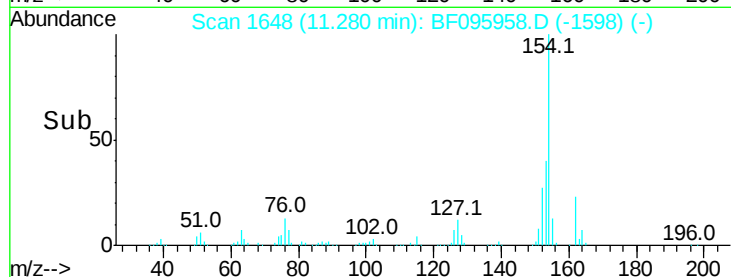
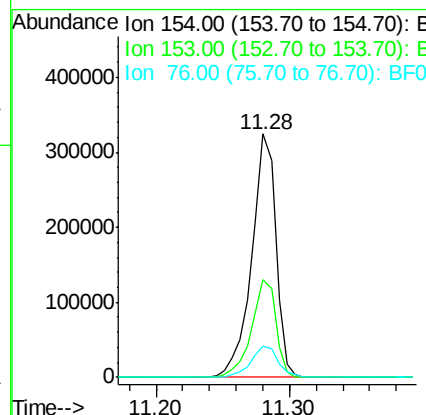
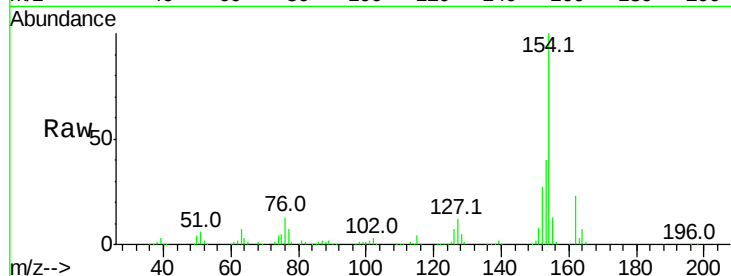




#45
 1,1'-Biphenyl
 Concen: 44.71 ng
 RT: 11.28 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

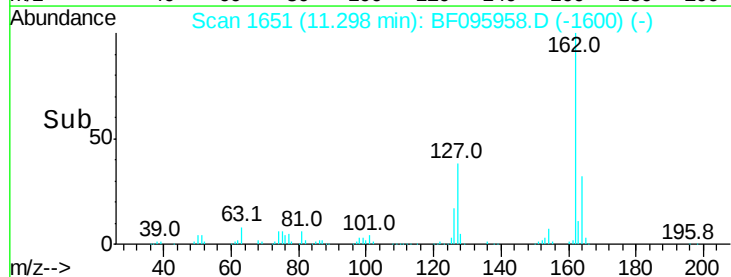
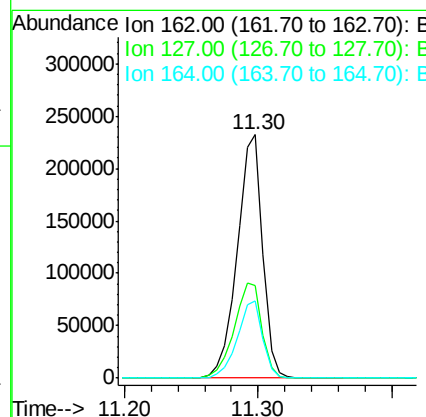
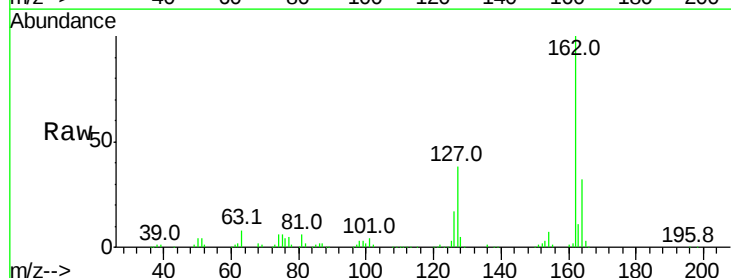
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.2	61.2
76	12.9	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 44.04 ng
 RT: 11.30 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	28.3	42.5
164	31.6	27.0	40.4

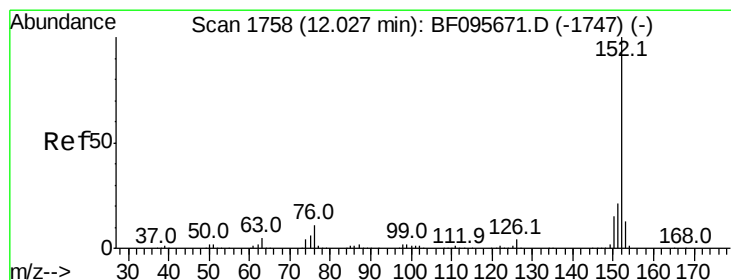
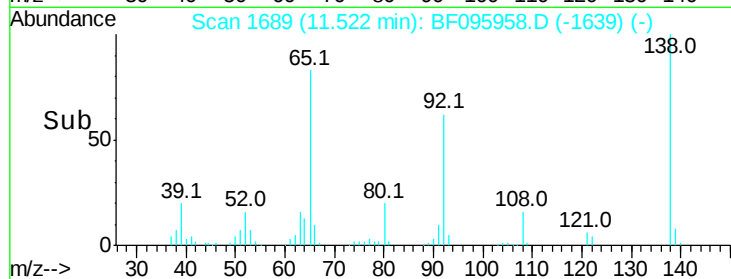
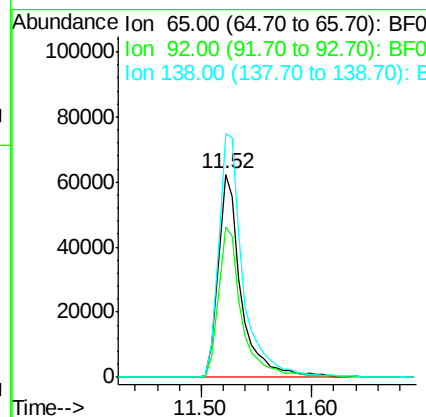
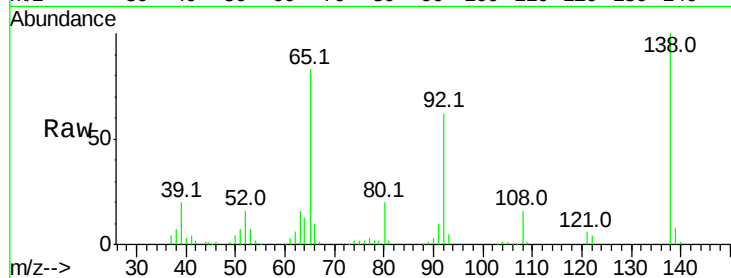




#47
2-Nitroaniline
Concen: 43.50 ng
RT: 11.52 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

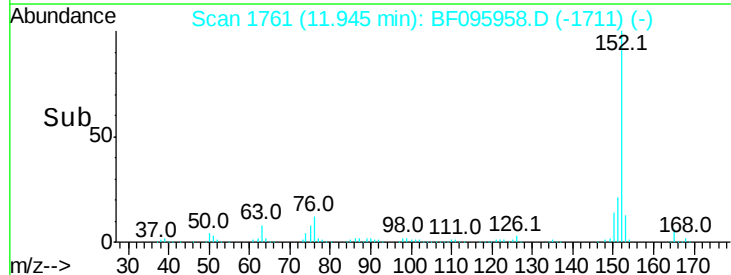
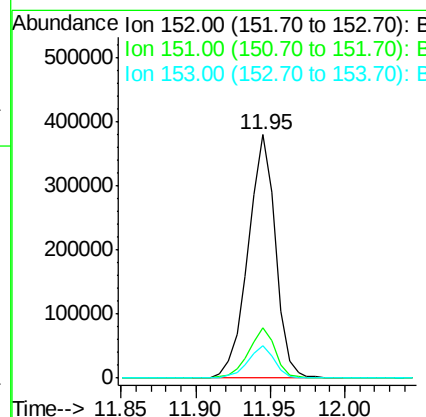
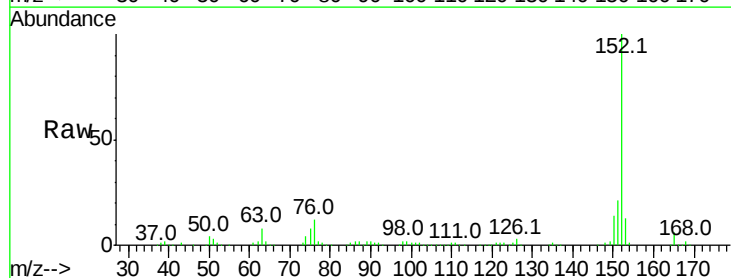
Instrument :
BNA_F
ClientSampleId :

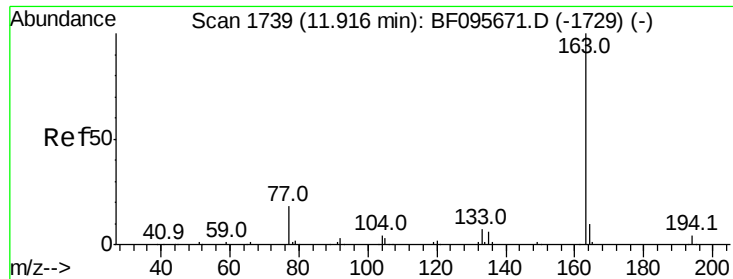
Tot Ion: 65 Resp: 88998
Ion Ratio Lower Upper
65 100
92 73.9 53.9 80.9
138 119.8 78.8 118.2#



#48
Acenaphthylene
Concen: 40.29 ng
RT: 11.95 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:152 Resp: 481724
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.1 10.8 16.2

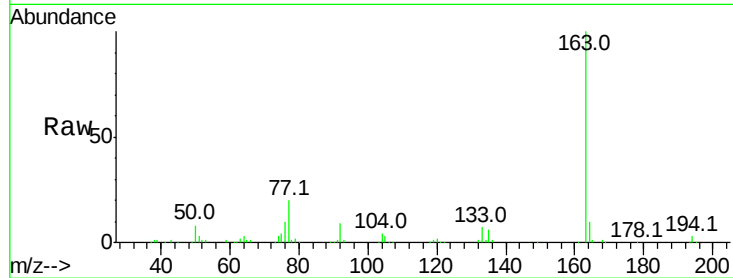




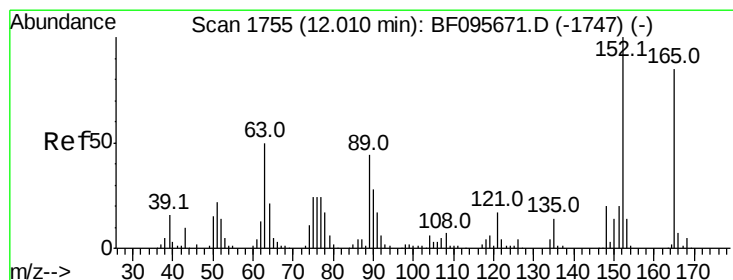
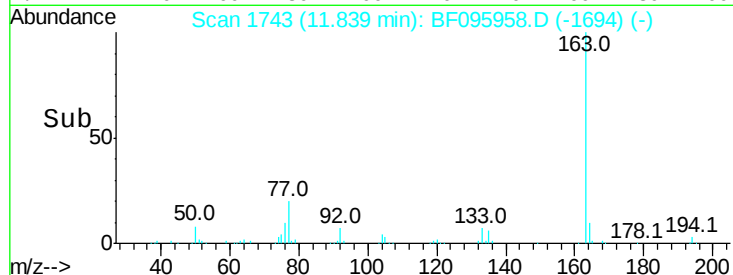
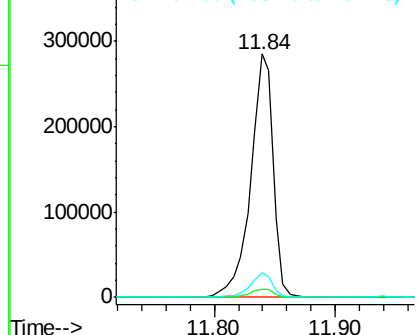
#49
Dimethylphthalate
Concen: 45.00 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 370953
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.4 12.6

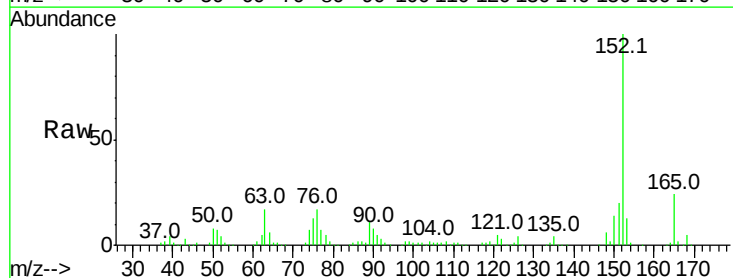


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

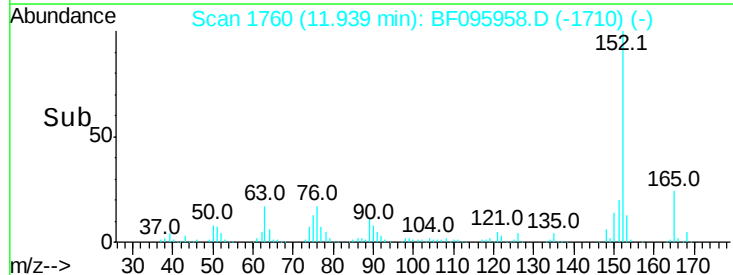
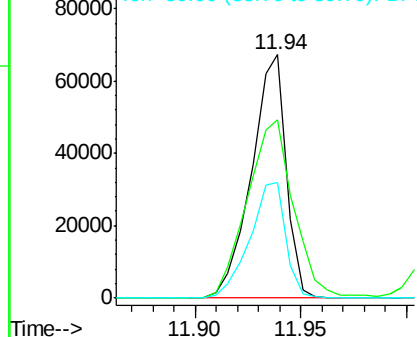


#50
2,6-Dinitrotoluene
Concen: 42.72 ng
RT: 11.94 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:165 Resp: 76802
Ion Ratio Lower Upper
165 100
63 73.1 34.3 51.5#
89 47.5 37.1 55.7



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





#51

Acenaphthene

Concen: 41.84 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

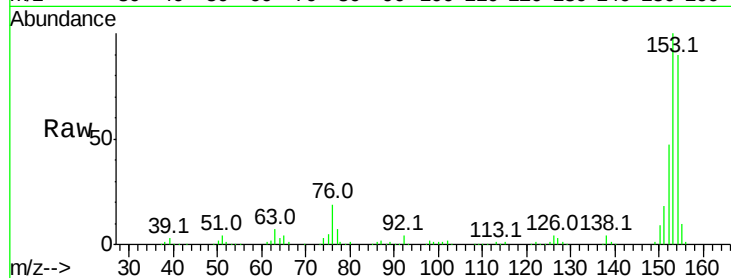
Tot Ion:154 Resp: 288899

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

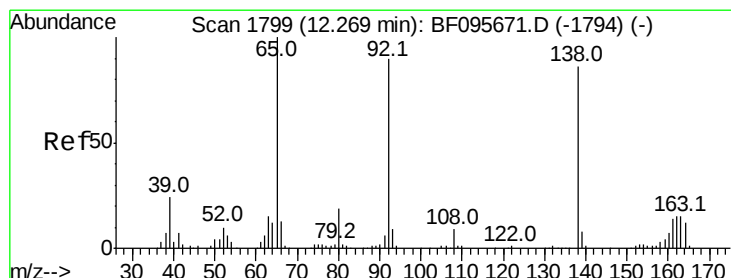
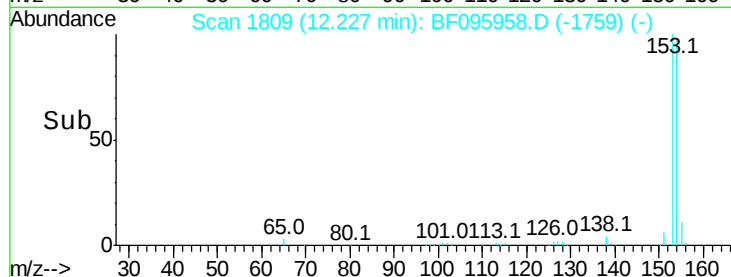
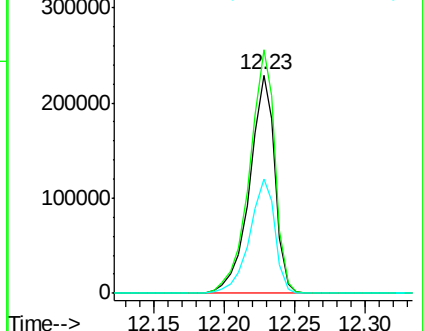
152 52.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.92 ng

RT: 12.21 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

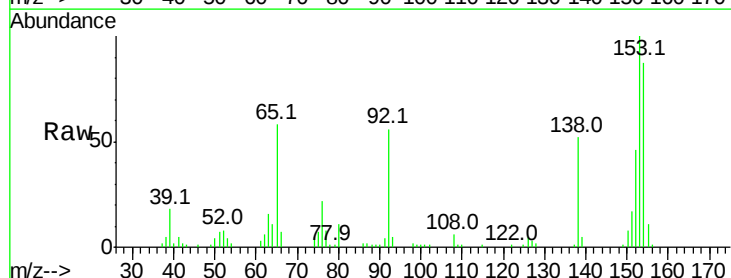
Tgt Ion:138 Resp: 48013

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

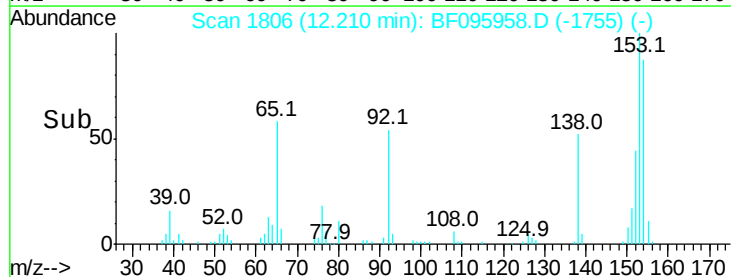
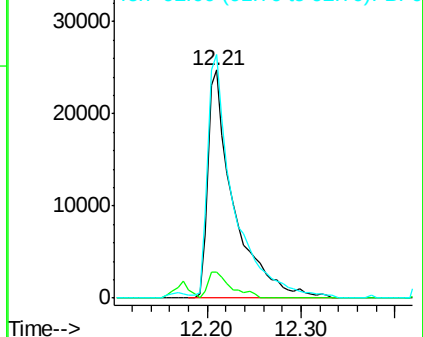
92 106.8 93.8 140.6

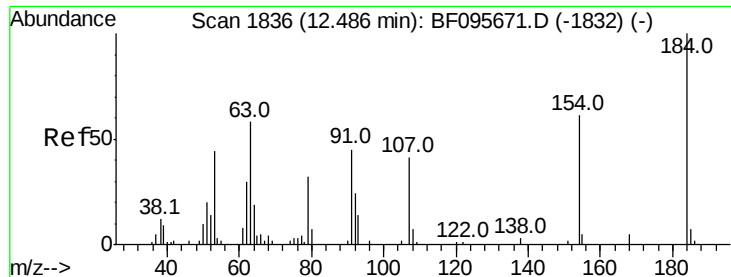


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

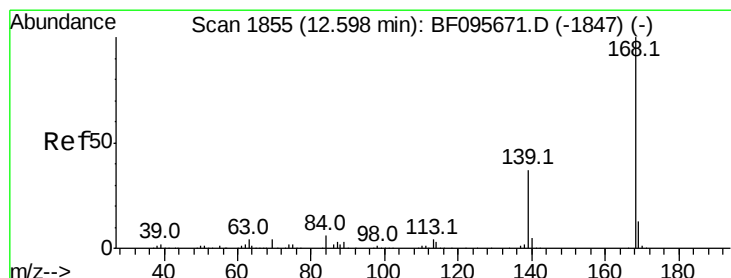
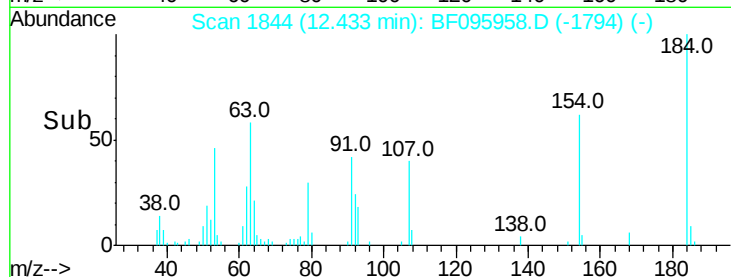
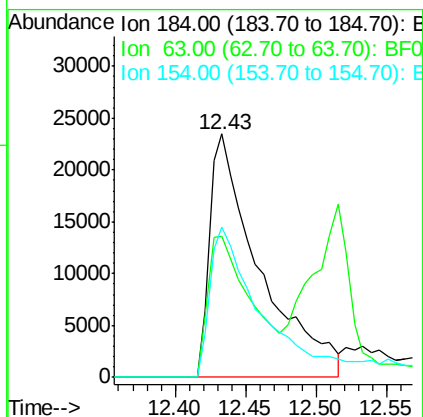
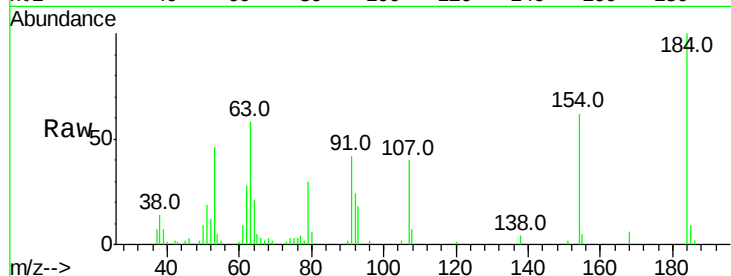




#53
 2,4-Dinitrophenol
 Concen: 58.37 ng
 RT: 12.43 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

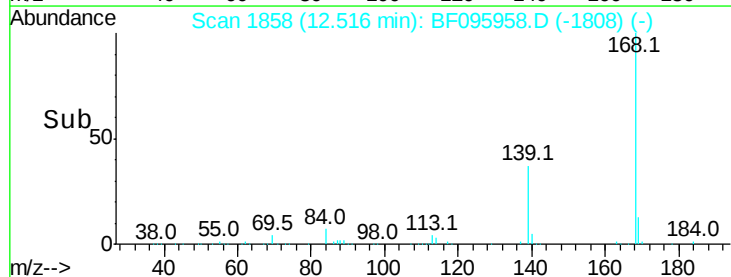
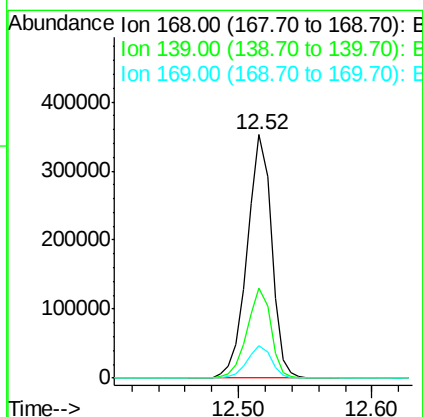
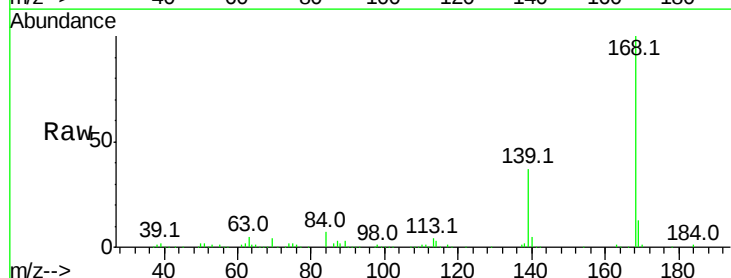
Instrument :
 BNA_F
 ClientSampled :

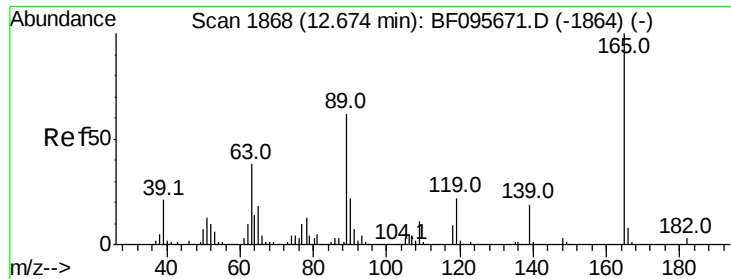
Tot Ion:184 Resp: 57490
 Ion Ratio Lower Upper
 184 100
 63 57.8 62.7 94.1#
 154 61.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.58 ng
 RT: 12.52 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:168 Resp: 442958
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 13.4 10.8 16.2

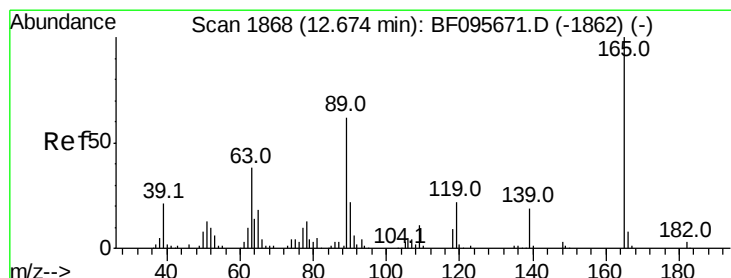
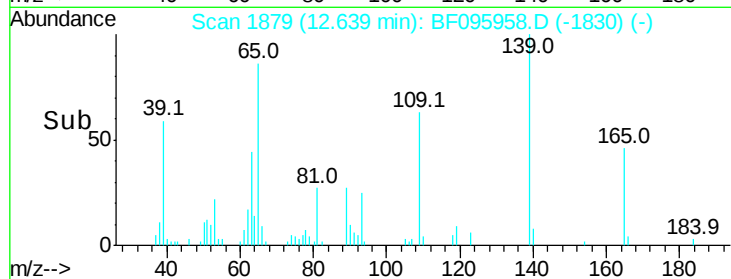
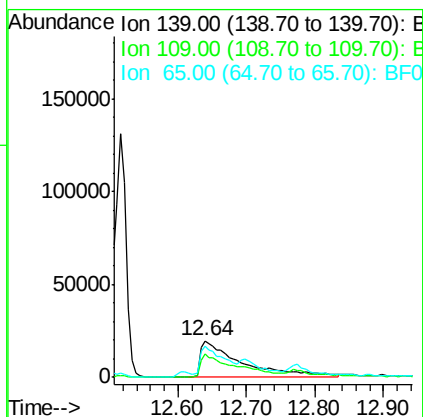
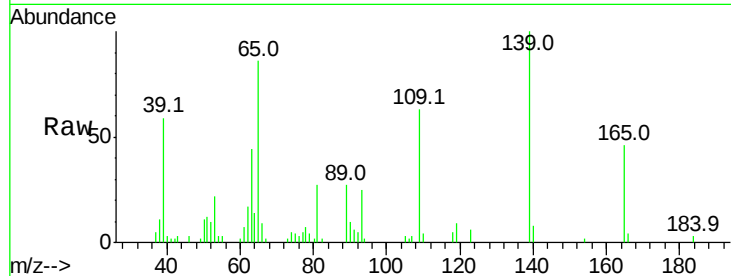




#55
4-Nitrophenol
Concen: 68.48 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

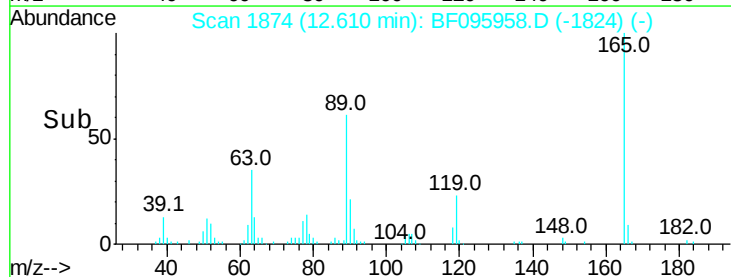
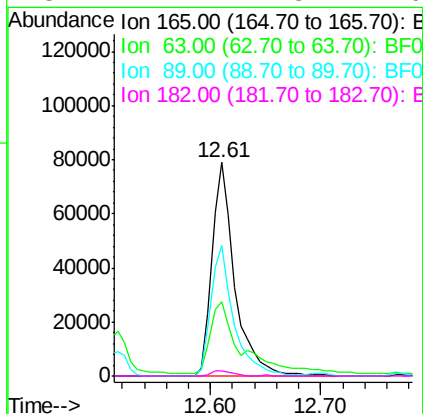
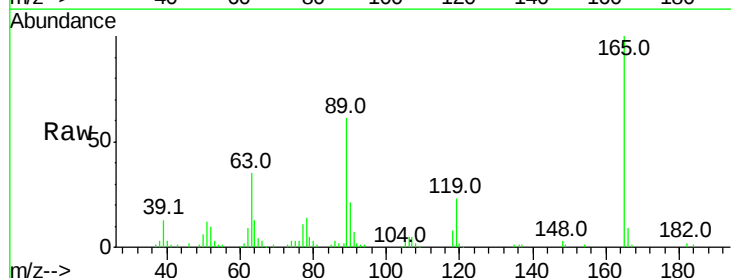
Instrument :
BNA_F
ClientSampleId :

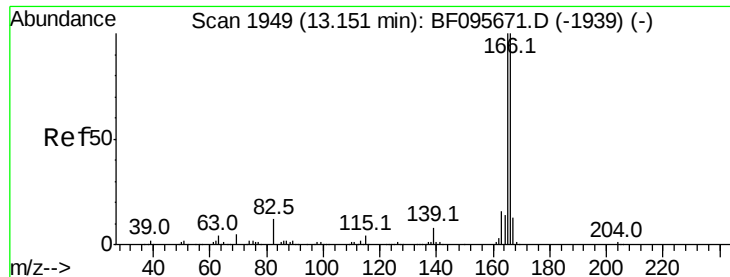
Tot Ion:139 Resp: 82897
Ion Ratio Lower Upper
139 100
109 63.1 34.1 74.1
65 86.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 45.91 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:165 Resp: 111499
Ion Ratio Lower Upper
165 100
63 34.9 25.4 38.0
89 61.3 46.4 69.6
182 2.4 1.8 2.6

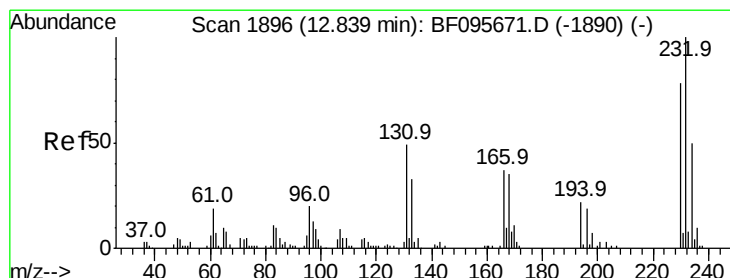
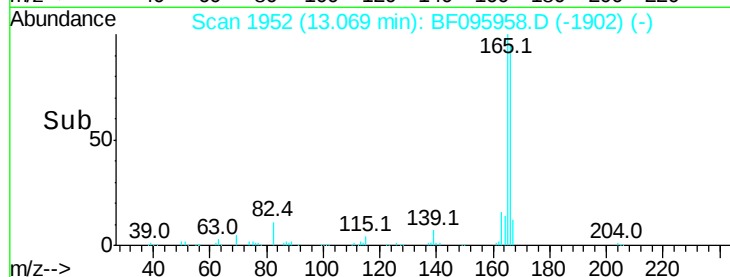
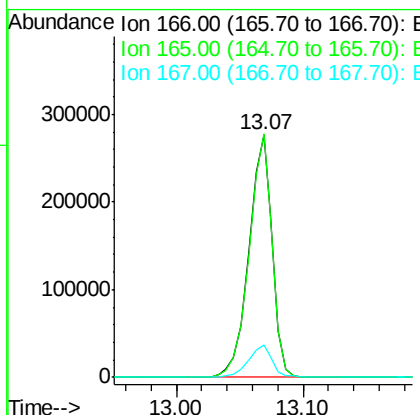
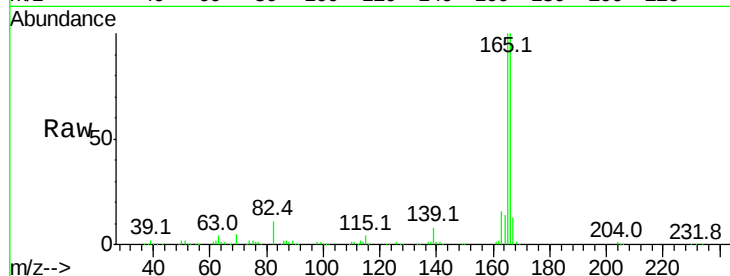




#57
 Fluorene
 Concen: 41.72 ng
 RT: 13.07 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

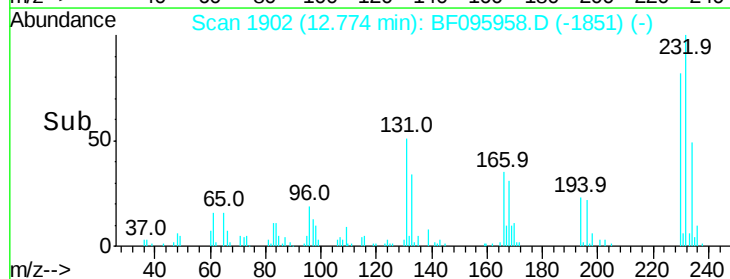
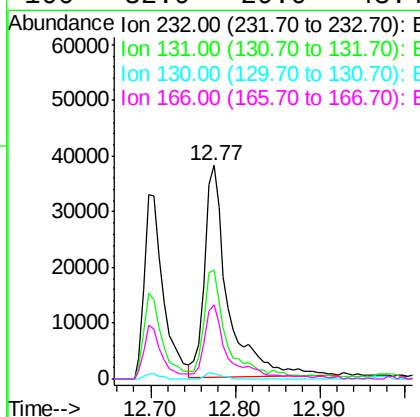
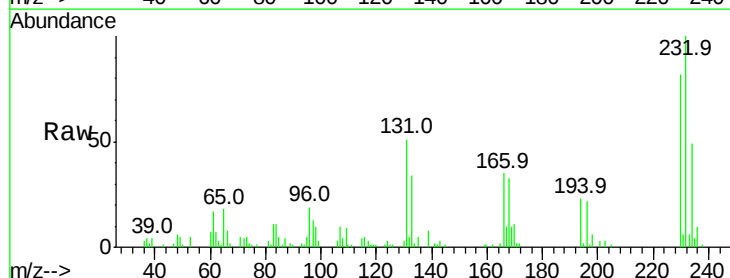
Instrument :
 BNA_F
 ClientSampleId :

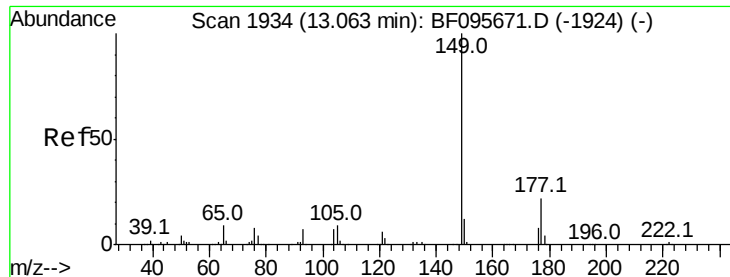
Tot Ion:166 Resp: 352848
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.8 118.2
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.36 ng
 RT: 12.77 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:232 Resp: 73520
 Ion Ratio Lower Upper
 232 100
 131 48.6 44.8 67.2
 130 1.9 2.3 3.5#
 166 32.9 29.0 43.4





#59

Diethylphthalate

Concen: 45.36 ng

RT: 12.99 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

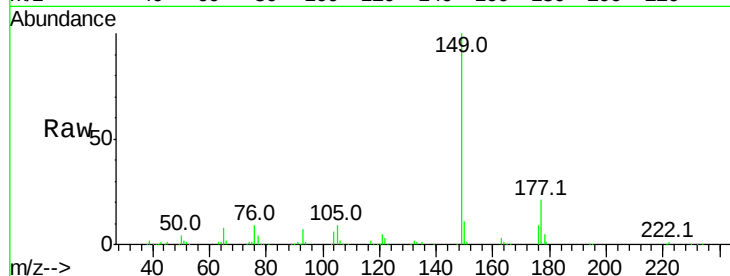
Tot Ion:149 Resp: 359876

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

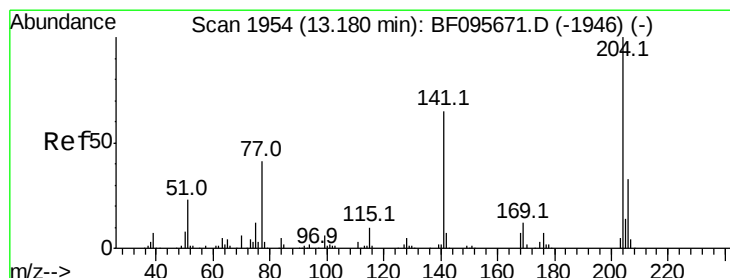
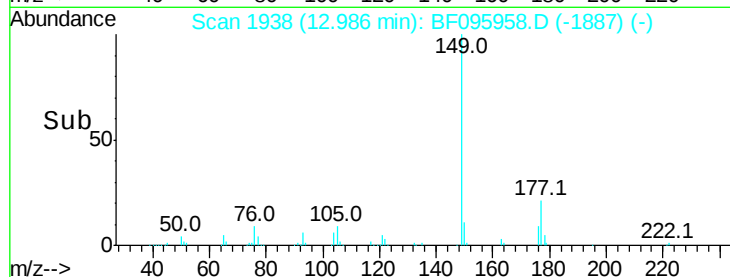
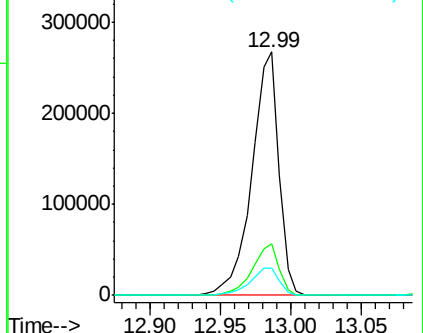
150 11.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.96 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

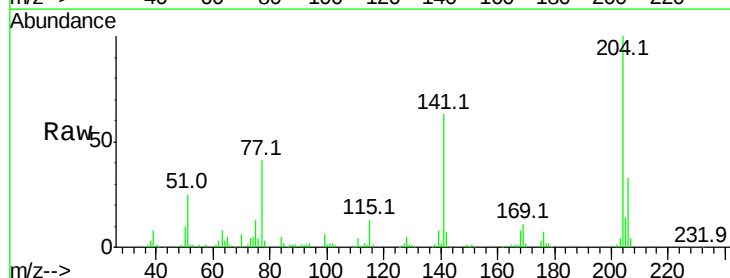
Tgt Ion:204 Resp: 157976

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

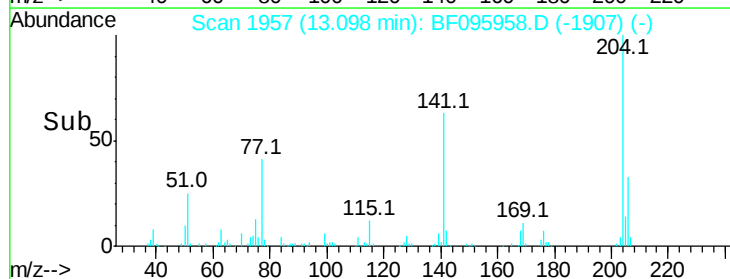
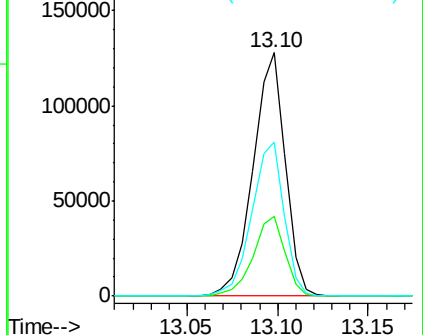
141 63.2 60.8 91.2

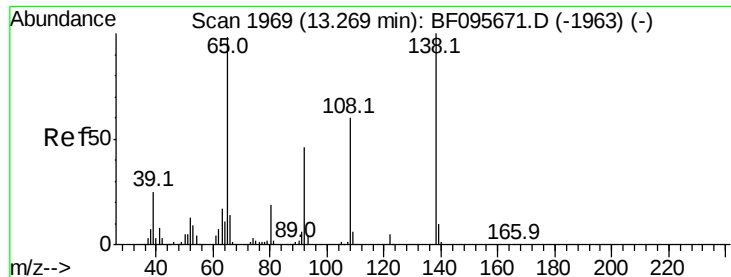


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

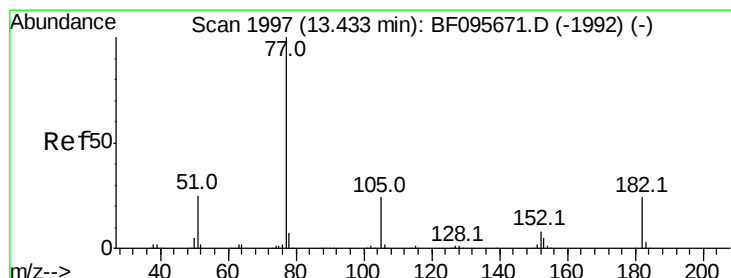
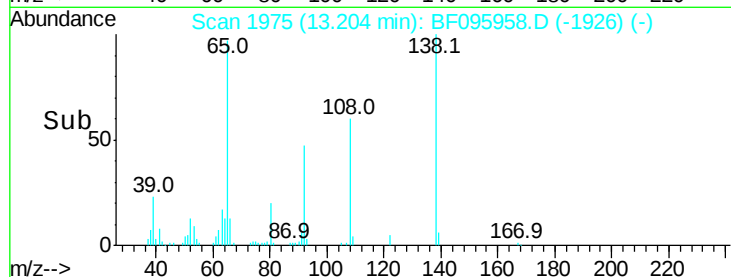
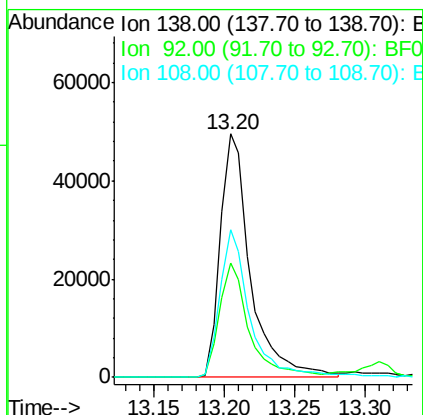
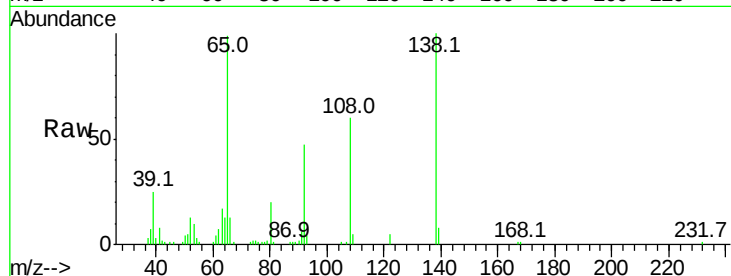




#61
4-Nitroaniline
Concen: 37.84 ng
RT: 13.20 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

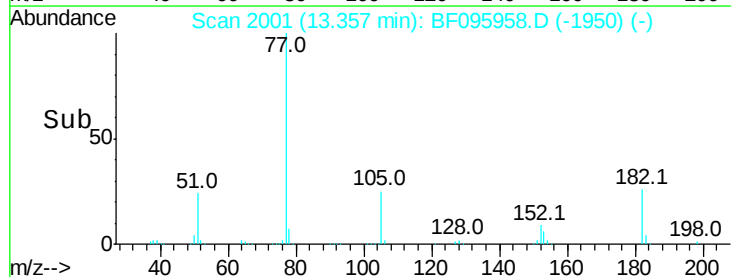
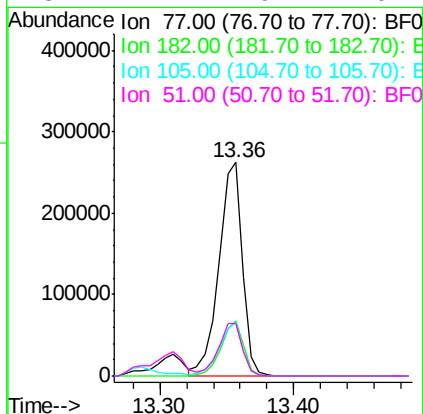
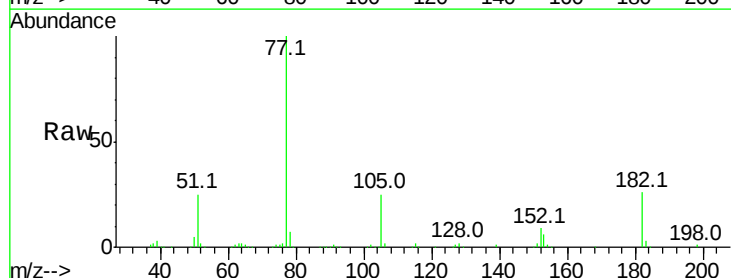
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 74006
Ion Ratio Lower Upper
138 100
92 47.0 21.8 61.8
108 60.4 42.3 82.3



#62
Azobenzene
Concen: 45.39 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion: 77 Resp: 326322
Ion Ratio Lower Upper
77 100
182 25.6 0.1 40.1
105 25.3 3.6 43.6
51 24.7 9.4 49.4

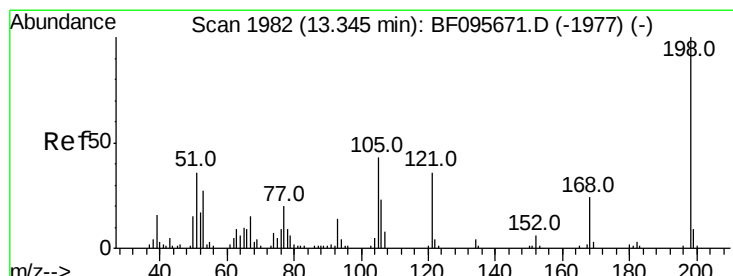
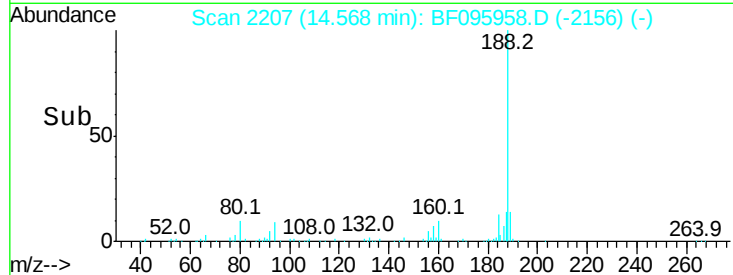
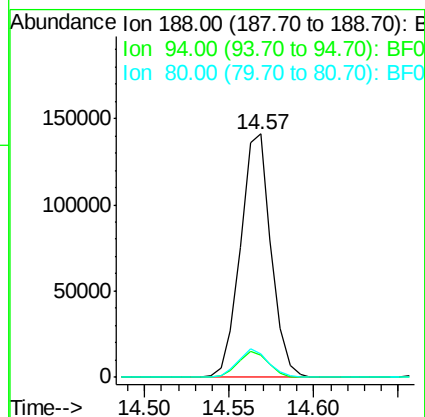
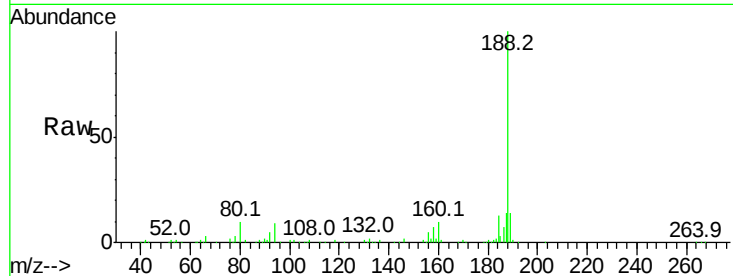




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

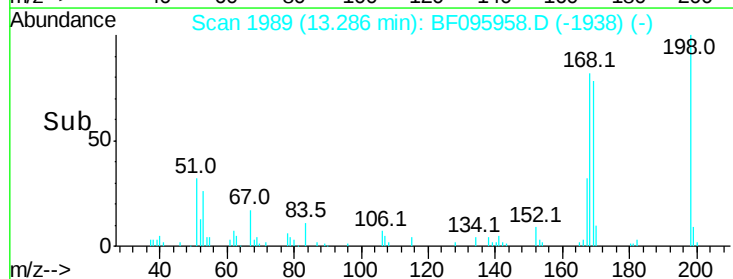
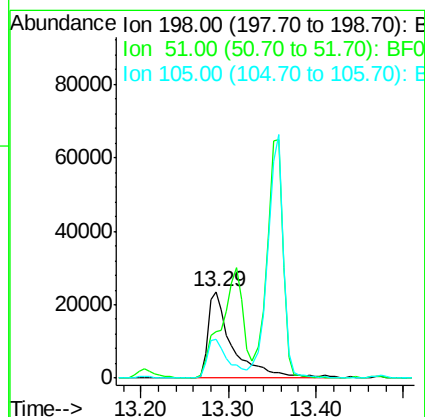
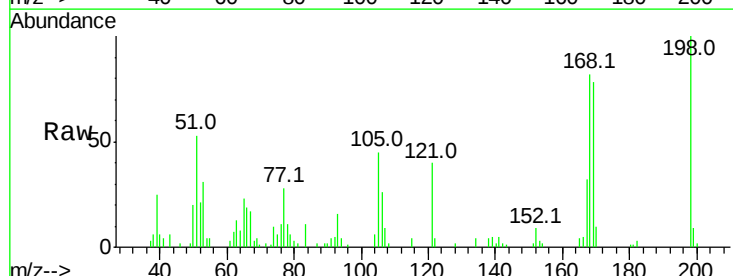
Instrument :
BNA_F
ClientSampleId :

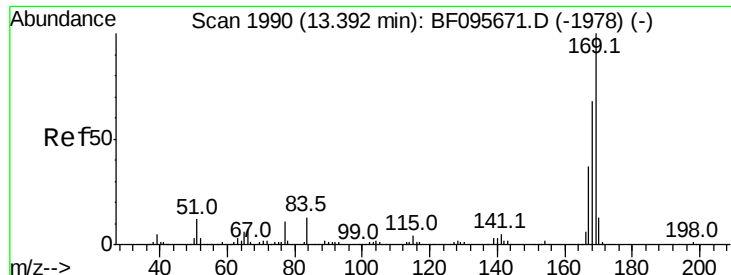
Tot Ion:188 Resp: 177709
Ion Ratio Lower Upper
188 100
94 9.1 9.4 14.2#
80 9.8 10.2 15.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.03 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:198 Resp: 45591
Ion Ratio Lower Upper
198 100
51 53.4 53.2 93.2
105 44.9 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 47.72 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

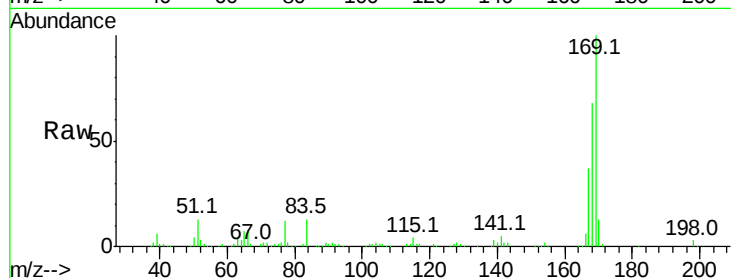
Tot Ion:169 Resp: 304725

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

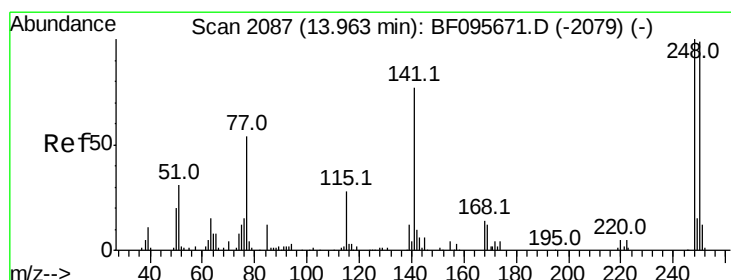
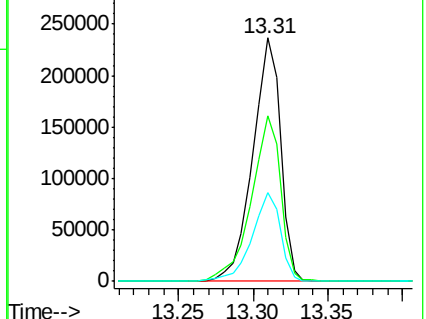
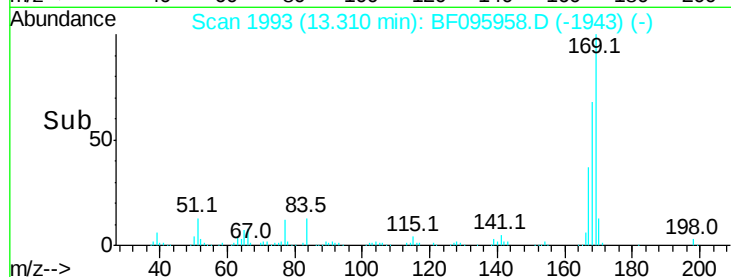
167 36.6 29.5 44.3



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: 46.95 ng

RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

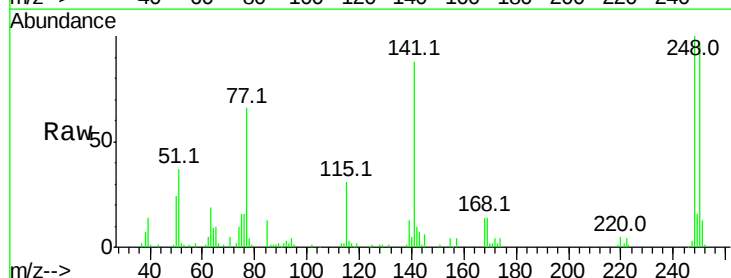
Tgt Ion:248 Resp: 86718

Ion Ratio Lower Upper

248 100

250 96.0 76.8 115.2

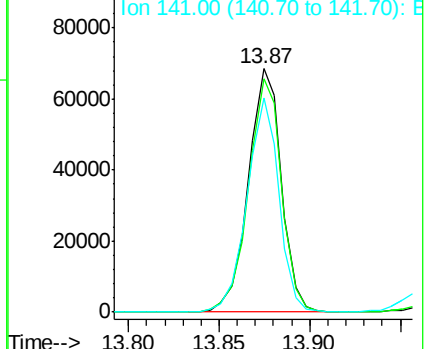
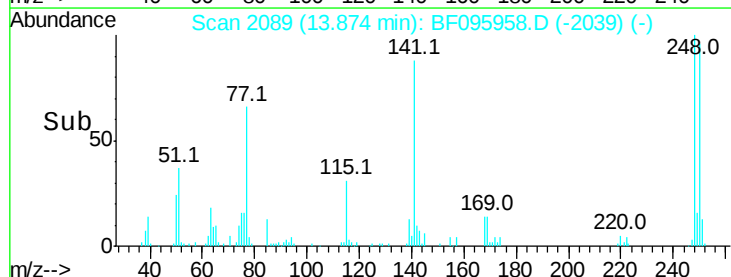
141 88.1 68.6 103.0



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: 46.78 ng

RT: 13.96 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

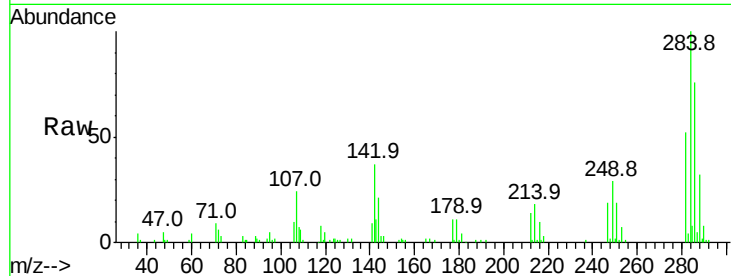
Tot Ion:284 Resp: 85144

Ion Ratio Lower Upper

284 100

142 36.9 22.8 34.2#

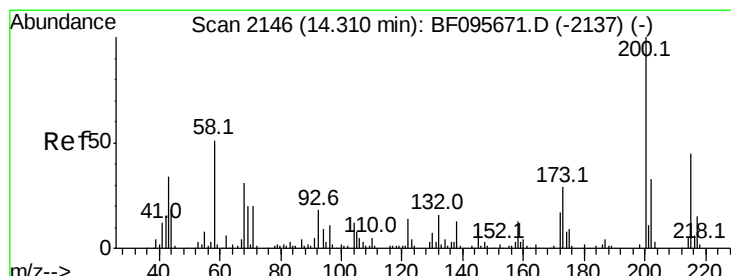
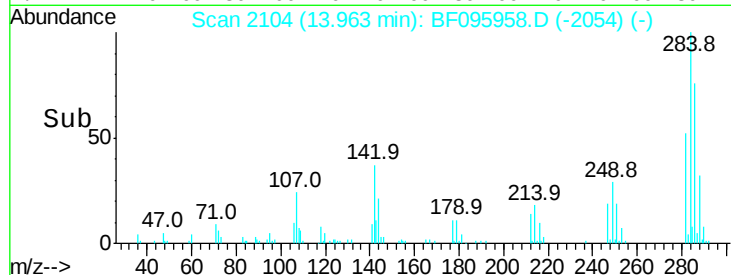
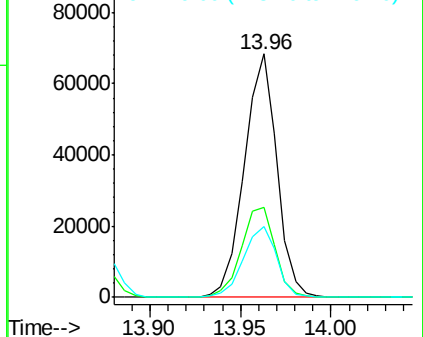
249 29.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.91 ng

RT: 14.24 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

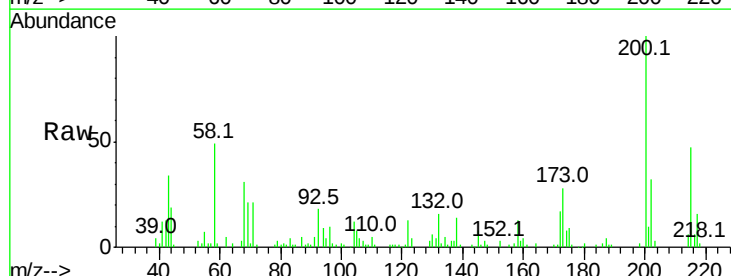
Tgt Ion:200 Resp: 86927

Ion Ratio Lower Upper

200 100

173 27.8 6.3 46.3

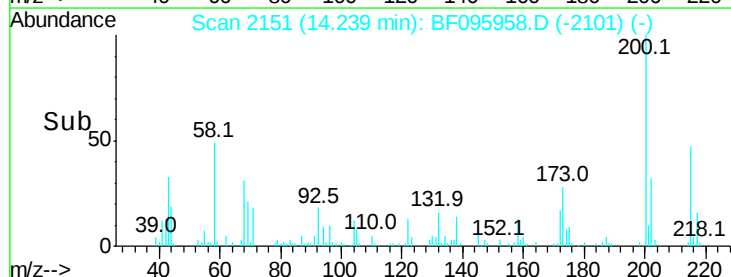
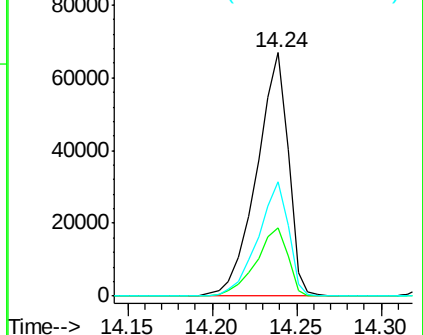
215 46.8 27.2 67.2

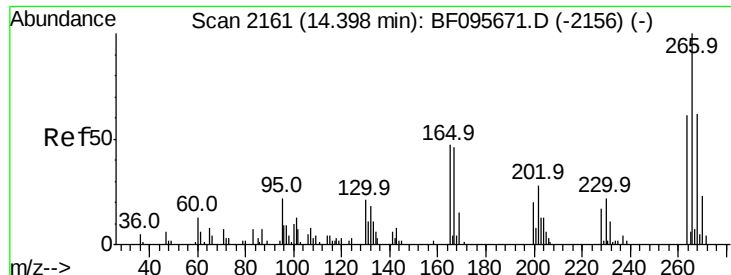


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

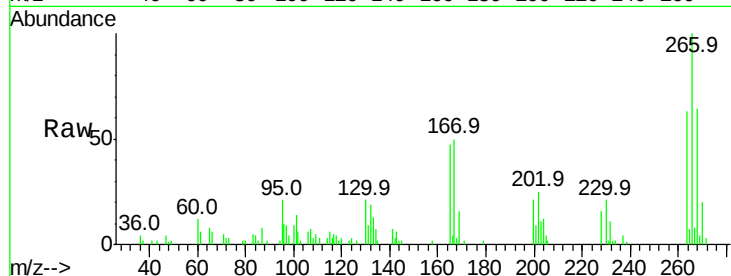




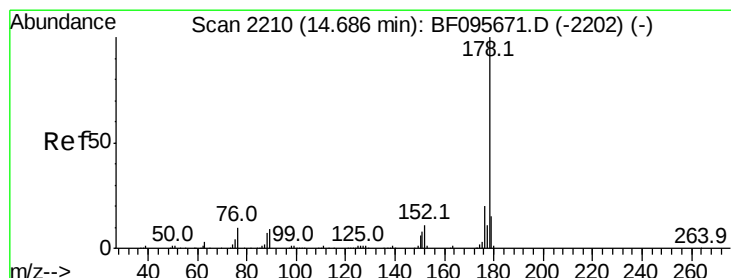
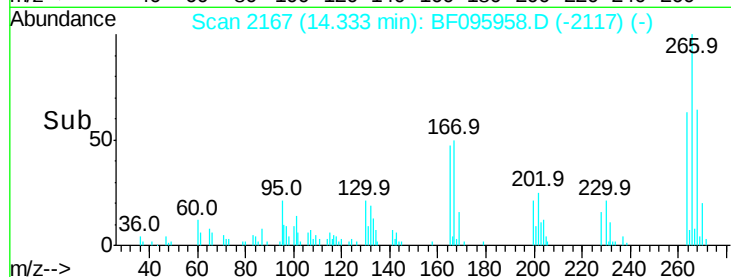
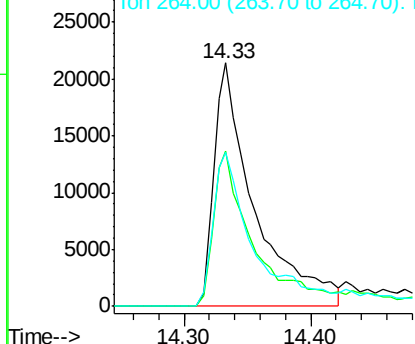
#69
 Pentachlorophenol
 Concen: 69.85 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 47570
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.1 76.7
 264 63.4 51.7 77.5

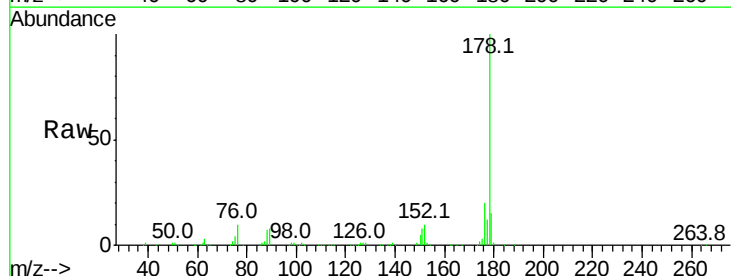


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

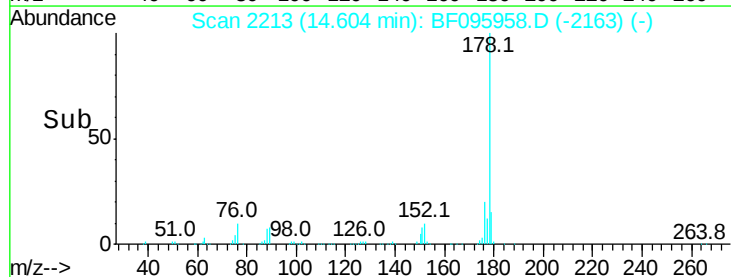
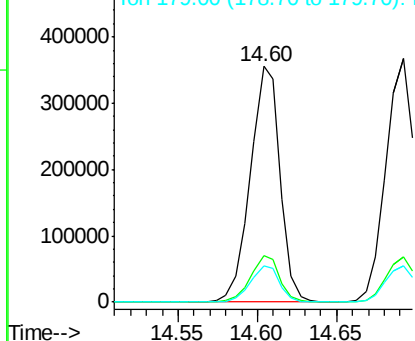


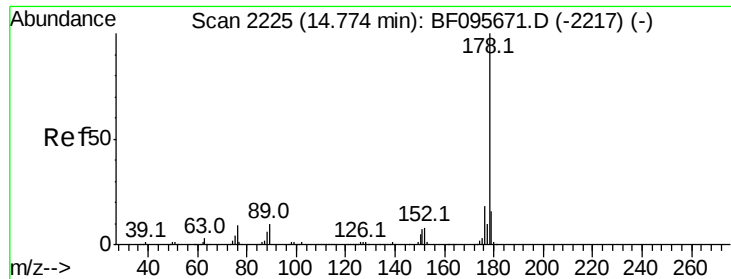
#70
 Phenanthrene
 Concen: 45.26 ng
 RT: 14.60 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:178 Resp: 464086
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.4 12.6 19.0



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

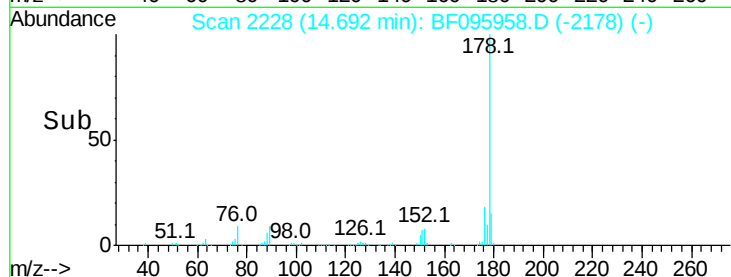
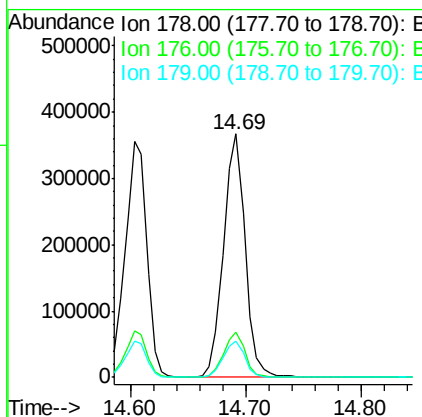
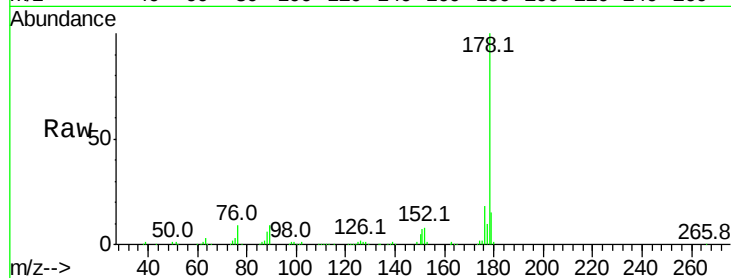




#71
 Anthracene
 Concen: 44.57 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

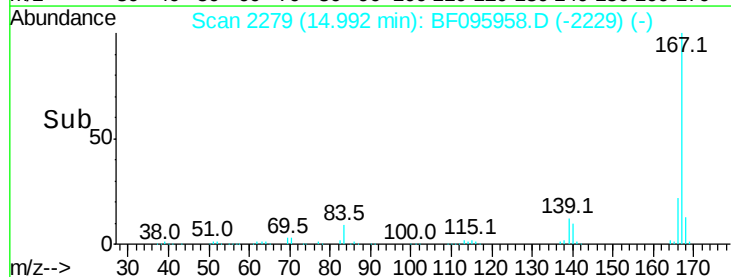
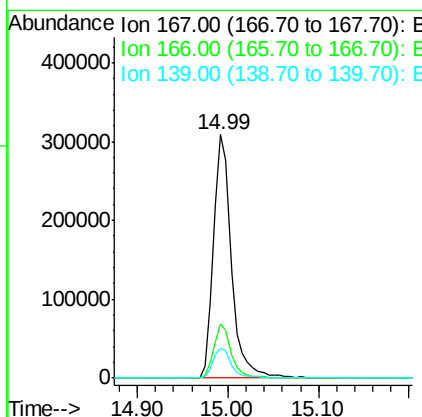
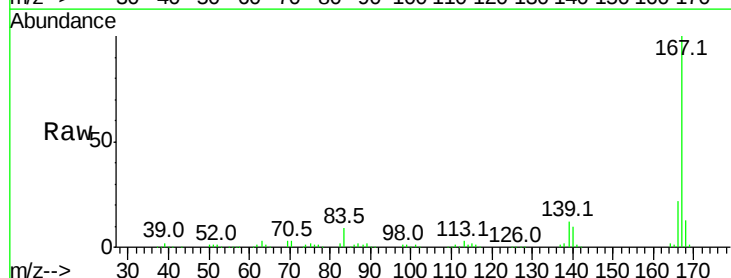
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 477162
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.1 12.7 19.1



#72
 Carbazole
 Concen: 40.86 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:167 Resp: 426209
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.5 11.7 17.5

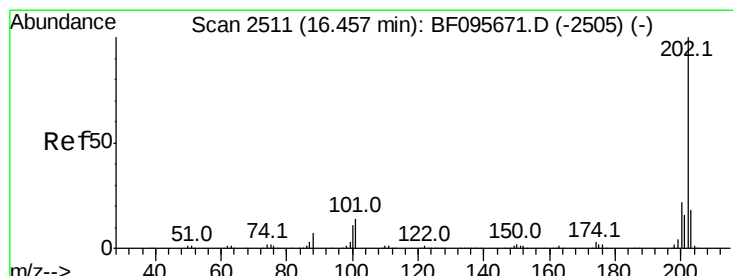
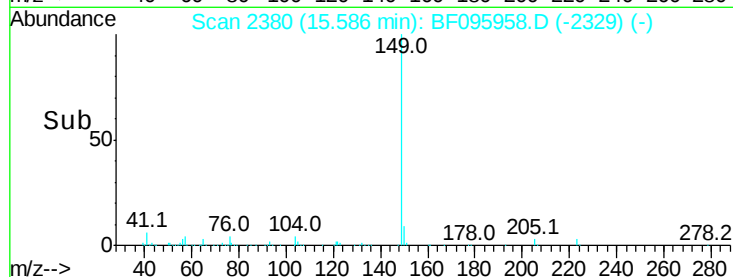
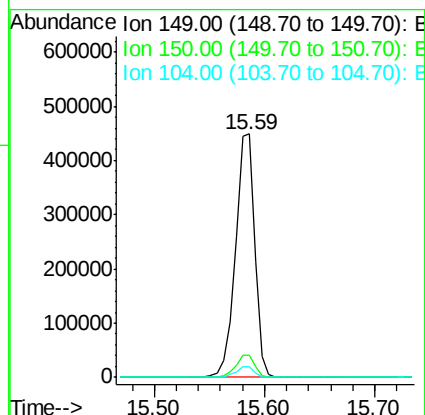
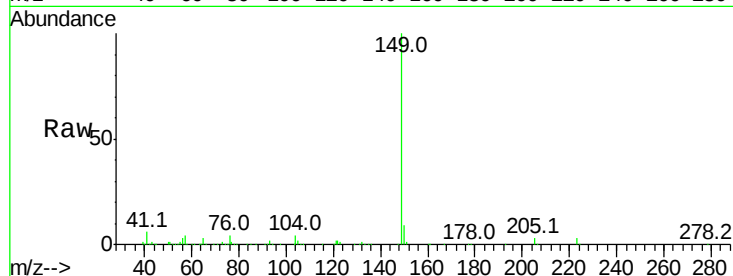




#73
Di-n-butylphthalate
Concen: 49.60 ng
RT: 15.59 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

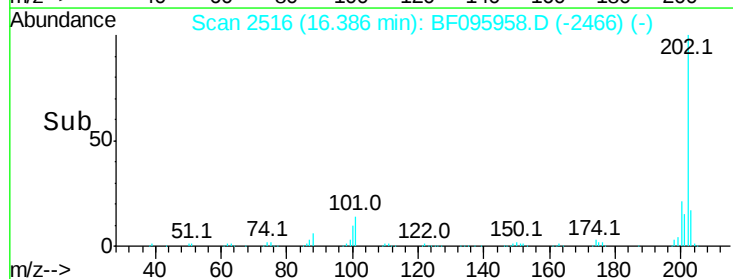
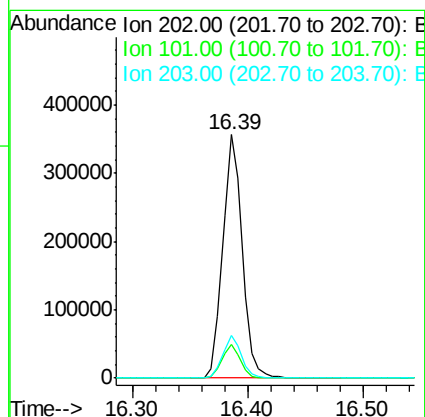
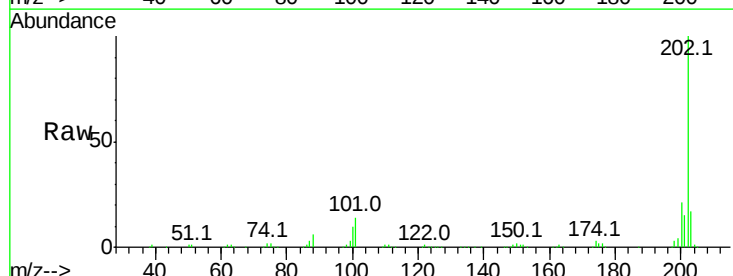
Instrument :
BNA_F
ClientSampleId :

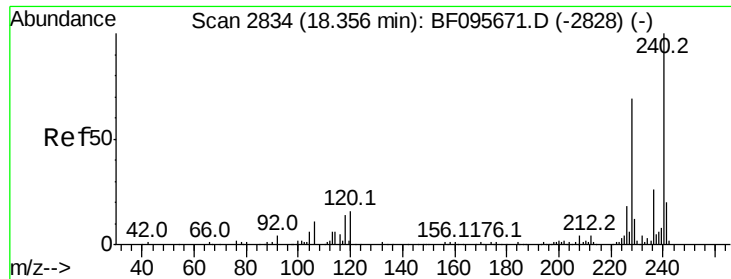
Tot Ion:149 Resp: 550524
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 40.98 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:202 Resp: 415878
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 17.3 0.0 38.1

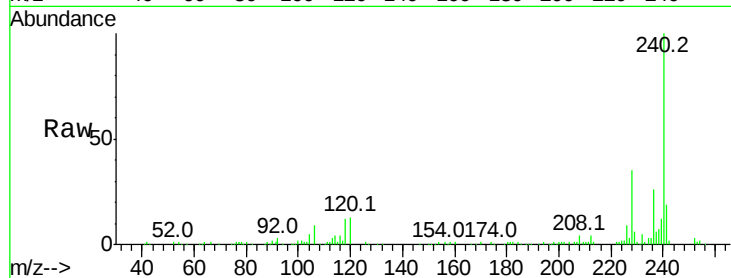




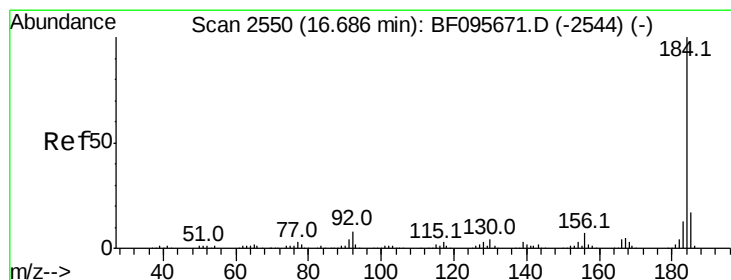
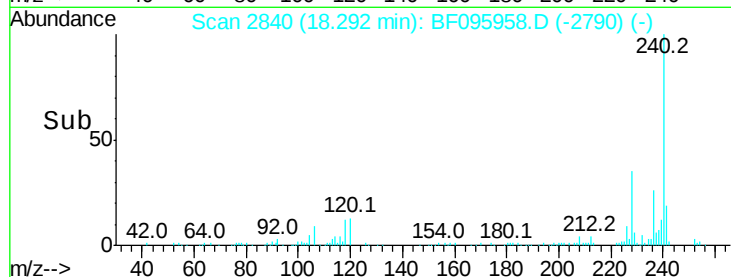
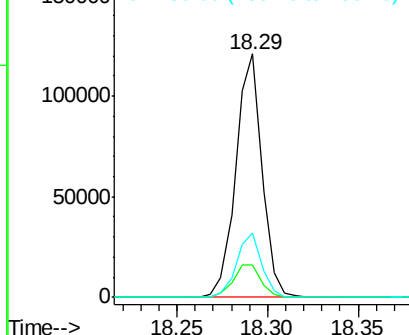
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 121132
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 26.3 20.5 30.7

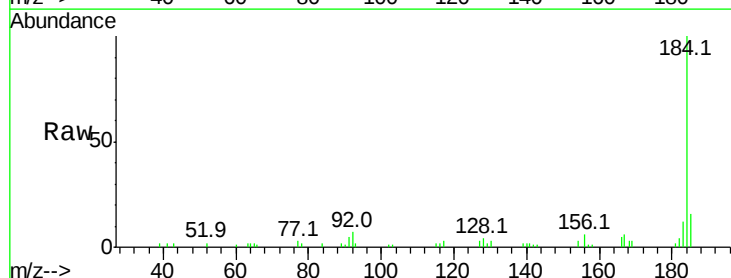


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

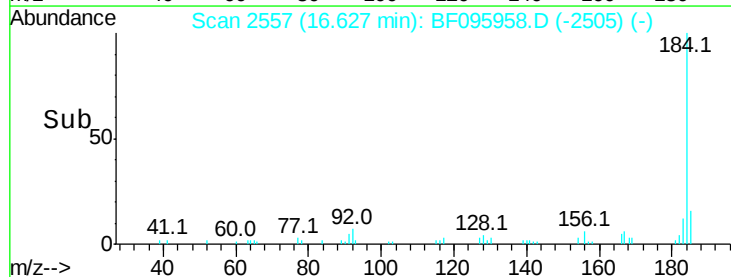
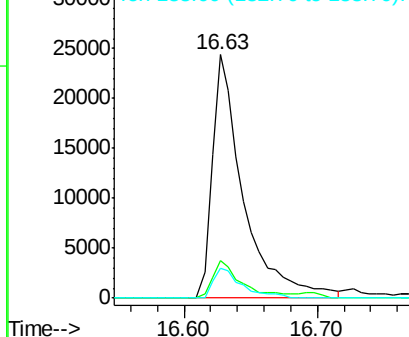


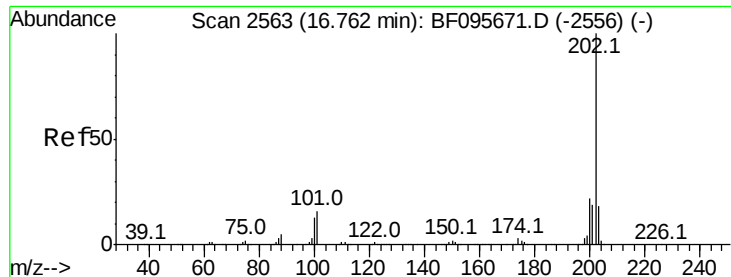
#76
 Benzidine
 Concen: 8.55 ng
 RT: 16.63 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:184 Resp: 39786
 Ion Ratio Lower Upper
 184 100
 185 15.7 15.5 23.3
 183 12.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.85 ng

RT: 16.69 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

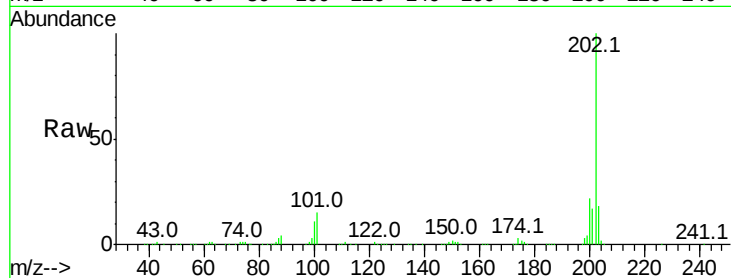
Tot Ion:202 Resp: 414412

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

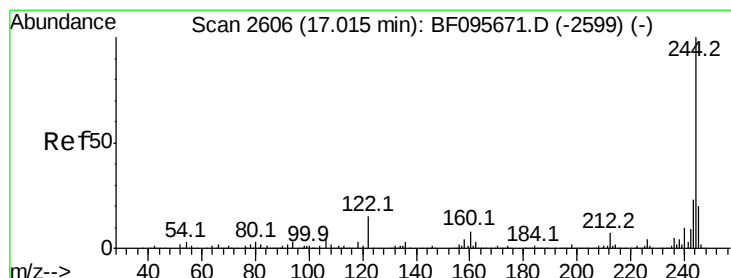
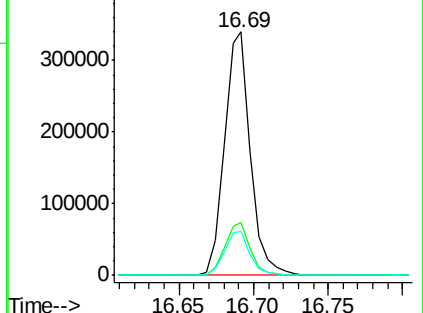
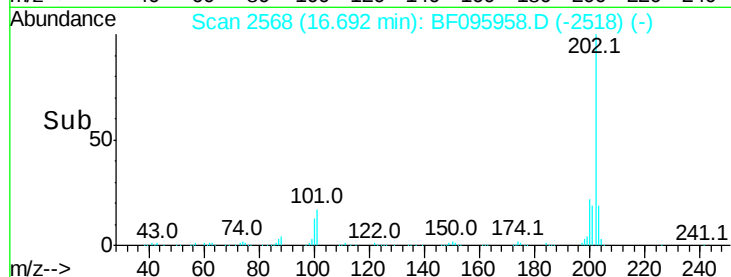
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.38 ng

RT: 16.94 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

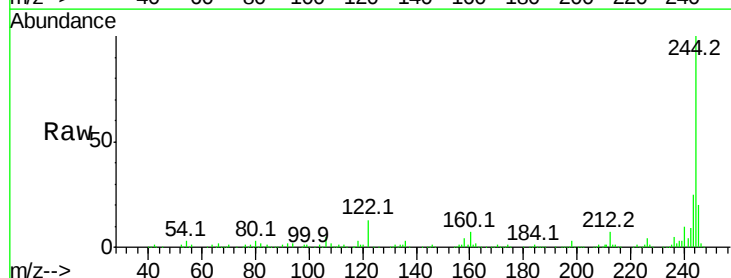
Tgt Ion:244 Resp: 485085

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

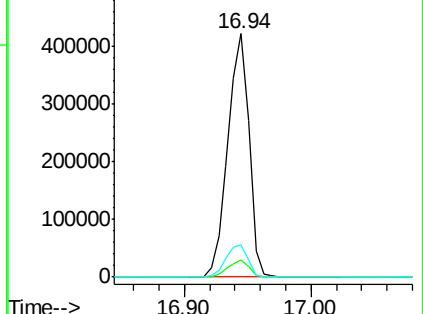
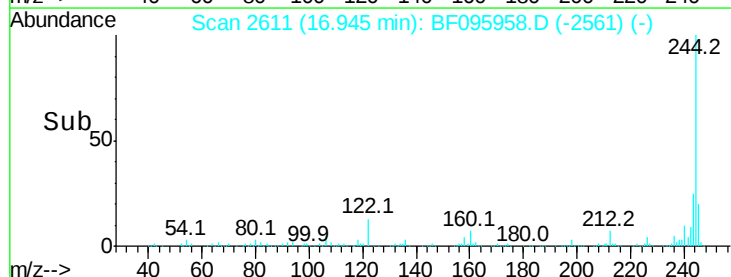
122 13.5 10.3 15.5

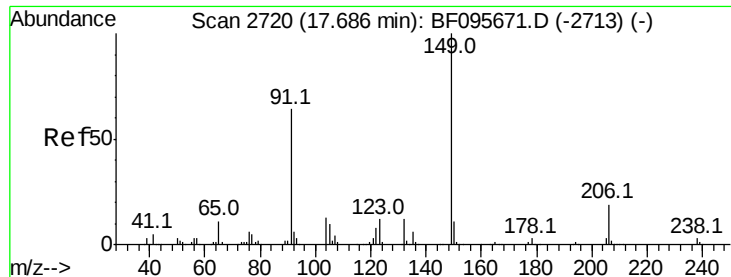


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

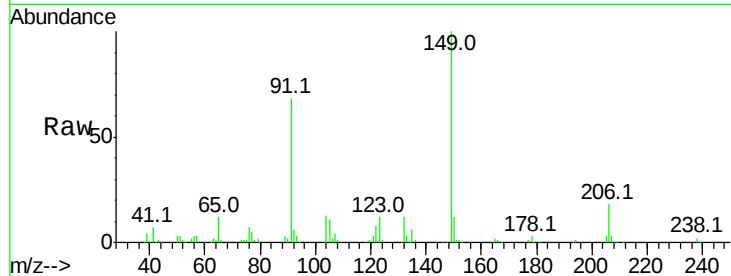




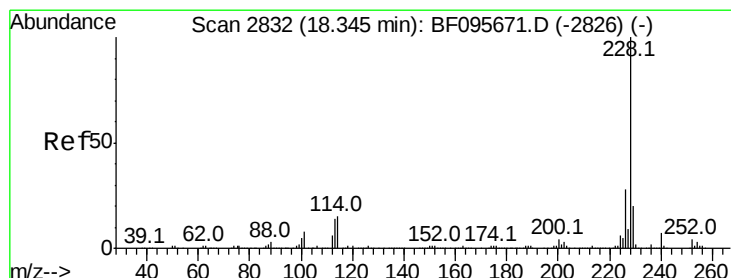
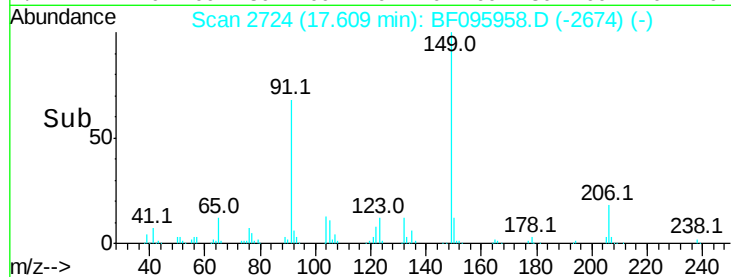
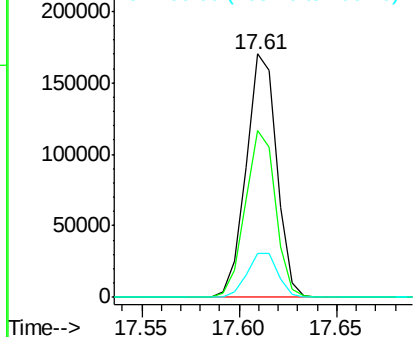
#79
Butylbenzylphthalate
Concen: 46.93 ng
RT: 17.61 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 185260
Ion Ratio Lower Upper
149 100
91 68.3 45.0 67.4#
206 17.8 17.0 25.6

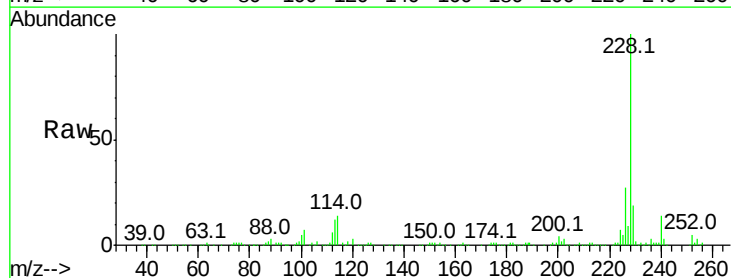


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

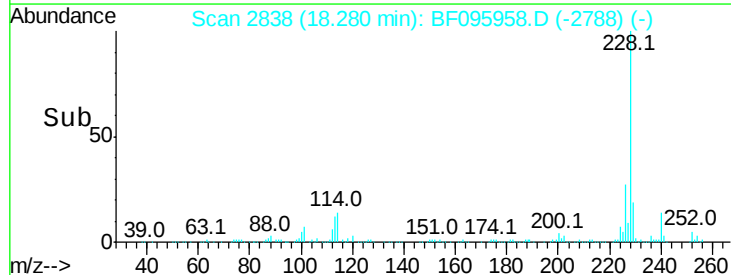
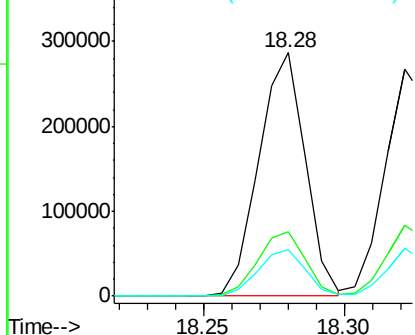


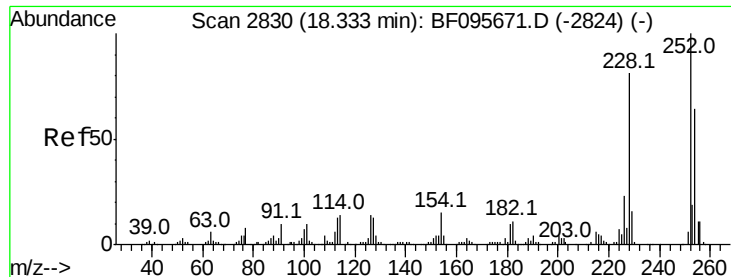
#80
Benzo(a)anthracene
Concen: 46.35 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:228 Resp: 326401
Ion Ratio Lower Upper
228 100
226 26.6 22.6 33.8
229 19.1 16.3 24.5



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

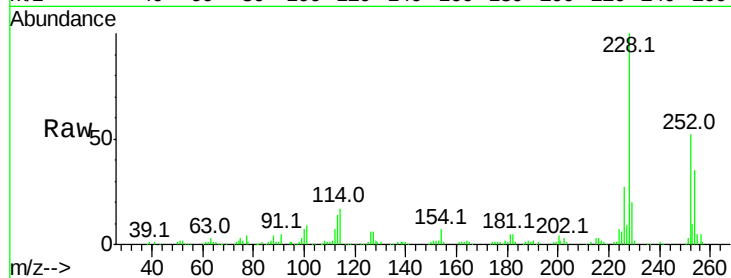




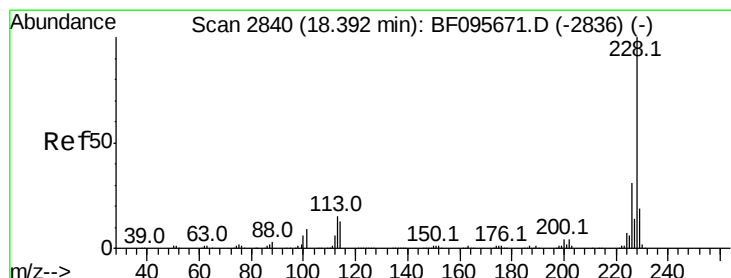
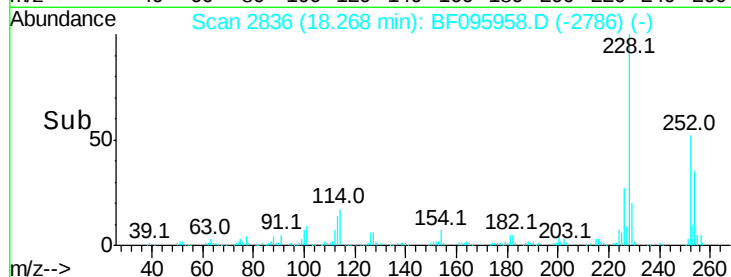
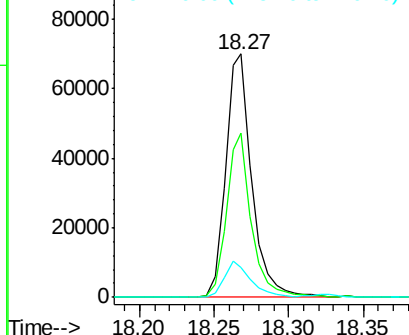
#81
 3,3'-Dichlorobenzidine
 Concen: 34.38 ng
 RT: 18.27 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 86075
 Ion Ratio Lower Upper
 252 100
 254 67.6 51.5 77.3
 126 12.3 15.8 23.8#

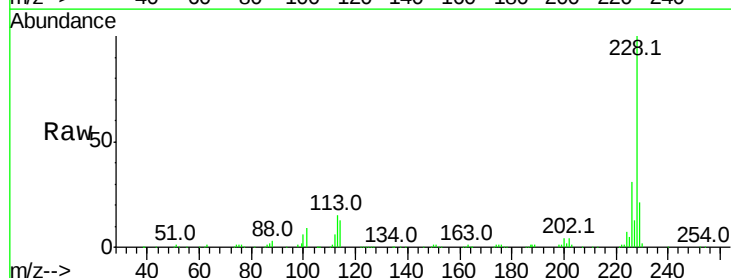


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

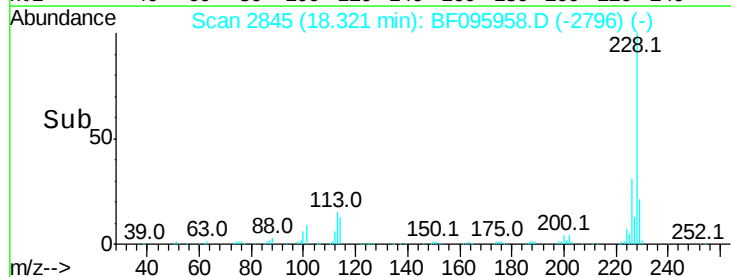
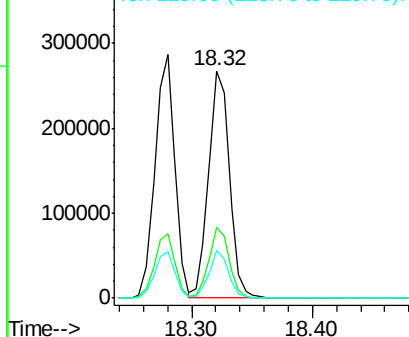


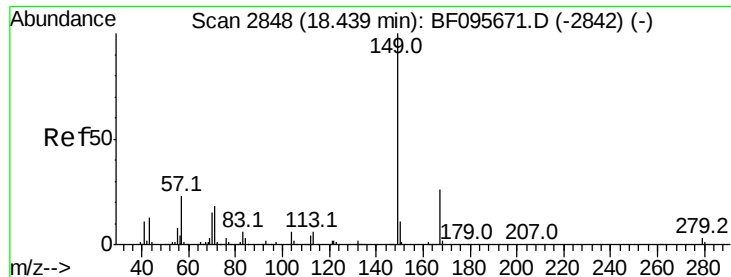
#82
 Chrysene
 Concen: 45.46 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:228 Resp: 319951
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.9 15.8 23.6



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

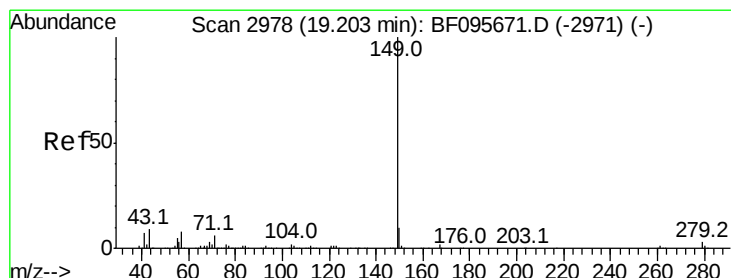
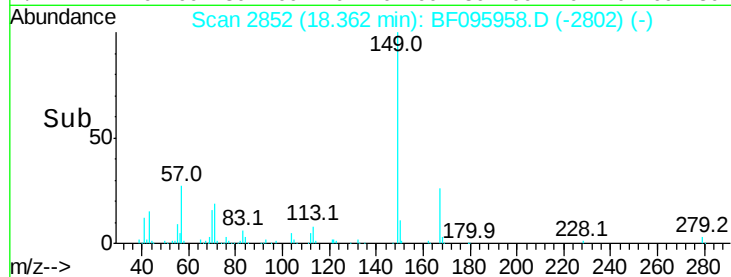
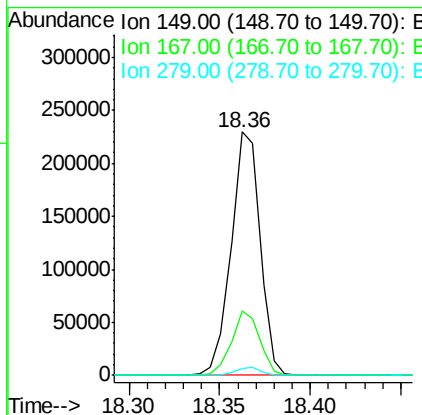
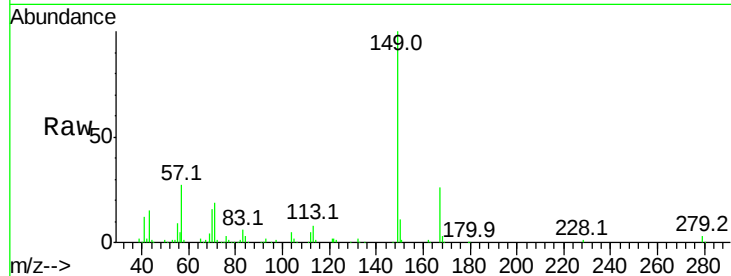




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.81 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

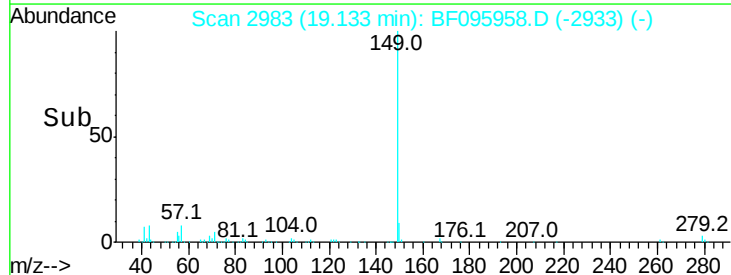
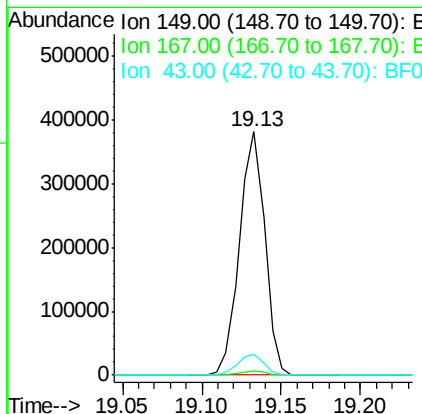
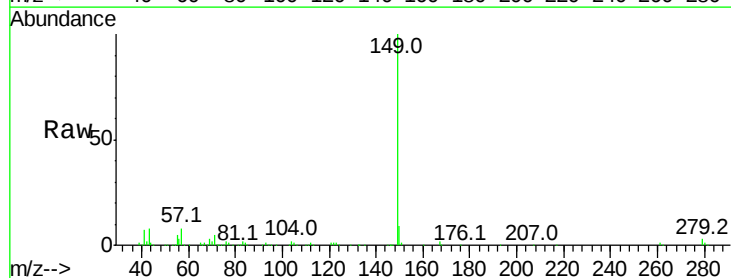
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 255057
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.13 ng
 RT: 19.13 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion:149 Resp: 423236
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.5 12.7

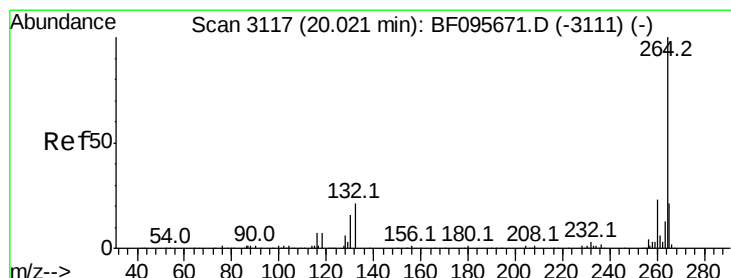
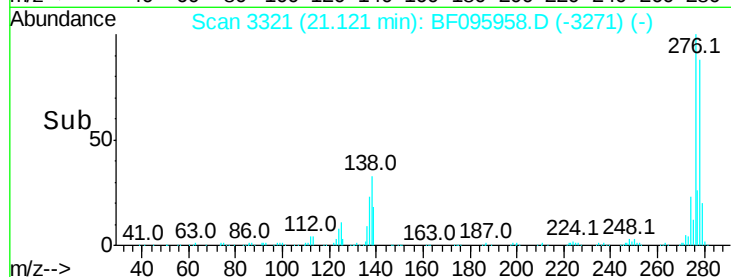
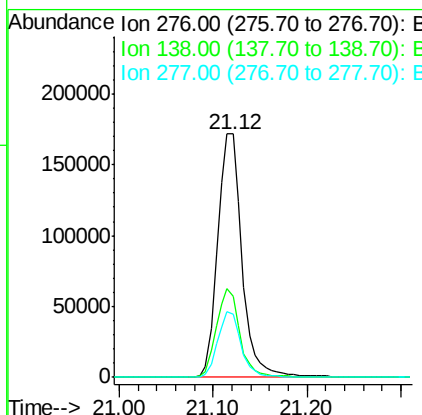
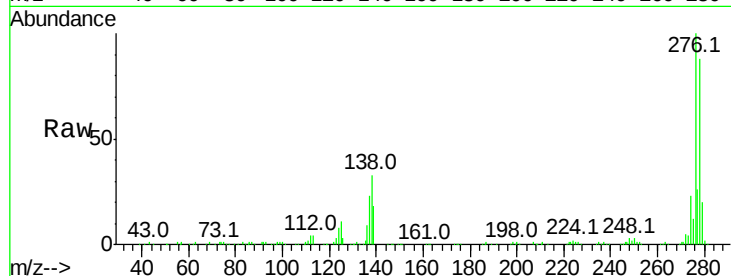




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.86 ng
 RT: 21.12 min Scan# 3321
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

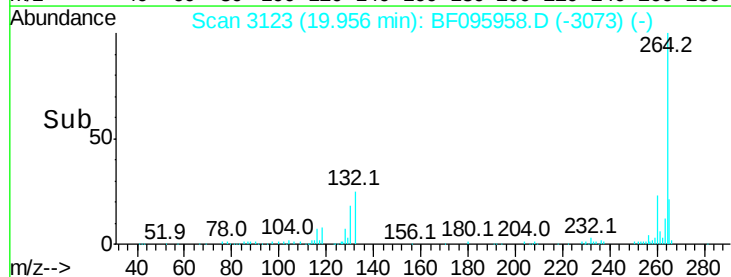
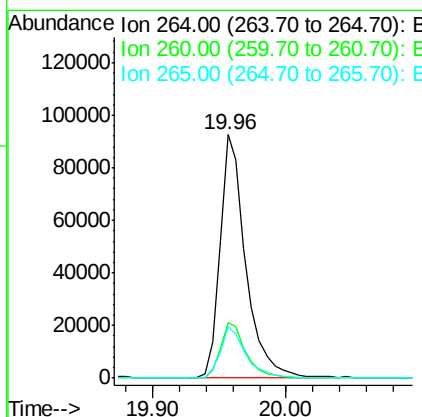
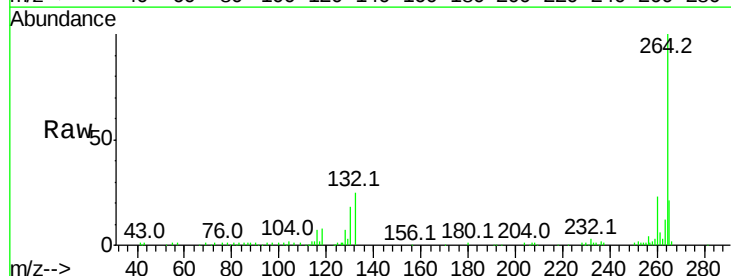
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095958.D
 Acq: 16 Jun 2017 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.78 ng

RT: 19.58 min Scan# 3059

Delta R.T. 0.02 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

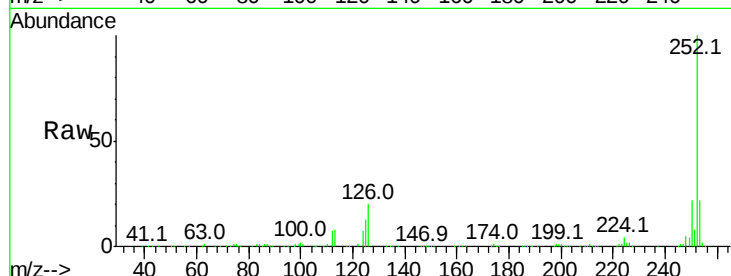
Tot Ion:252 Resp: 312636

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

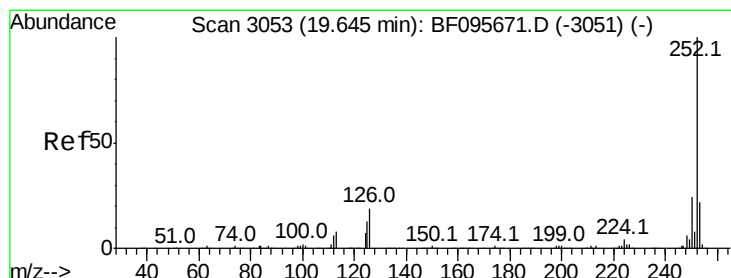
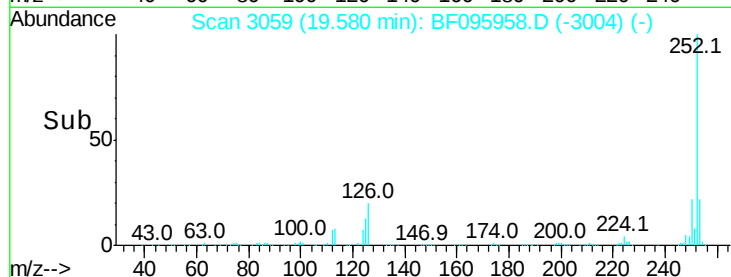
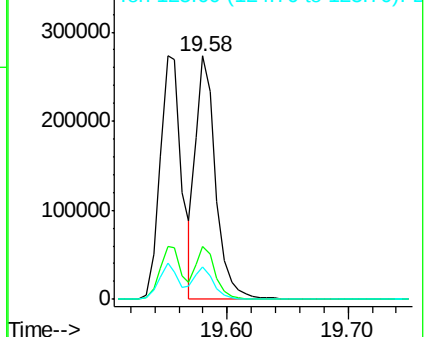
125 13.5 9.8 14.8



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: 41.62 ng

RT: 19.58 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

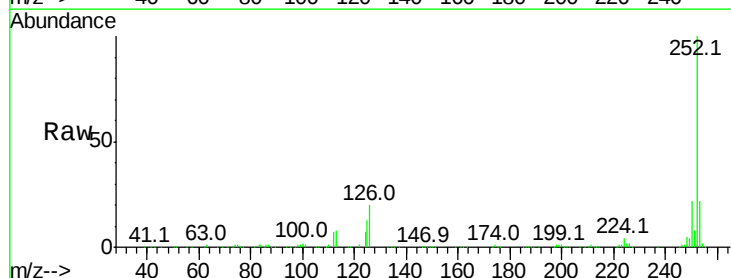
Tgt Ion:252 Resp: 312636

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

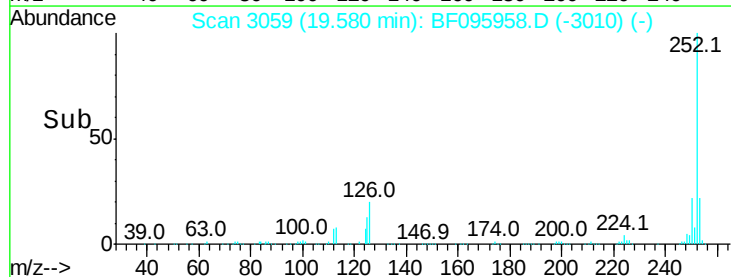
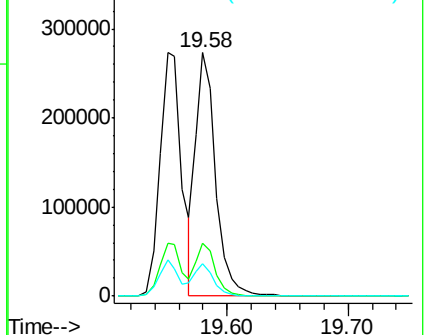
125 13.5 13.1 19.7

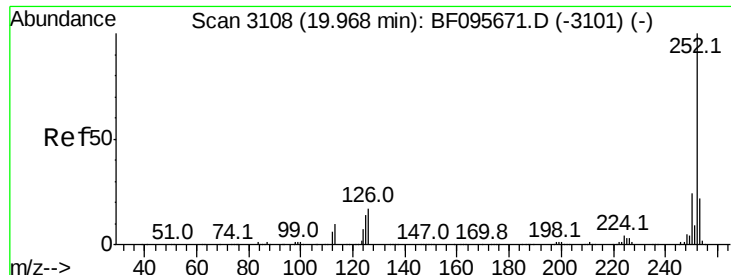


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

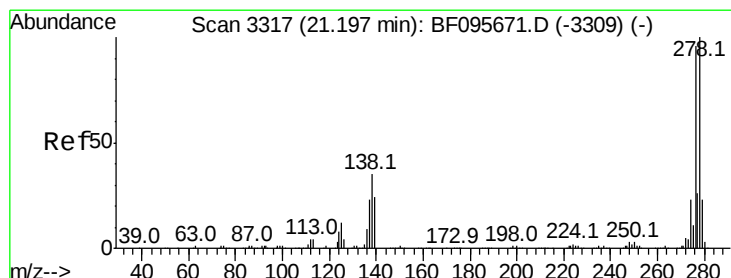
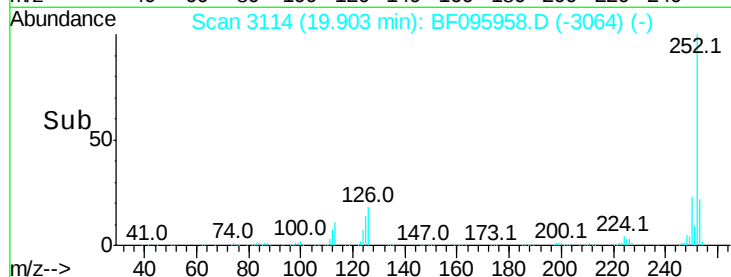
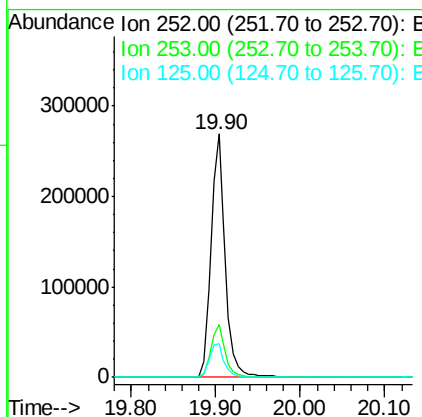
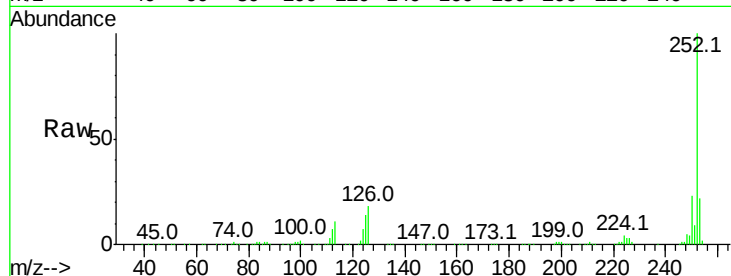




#89
Benzo(a)pyrene
Concen: 44.55 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

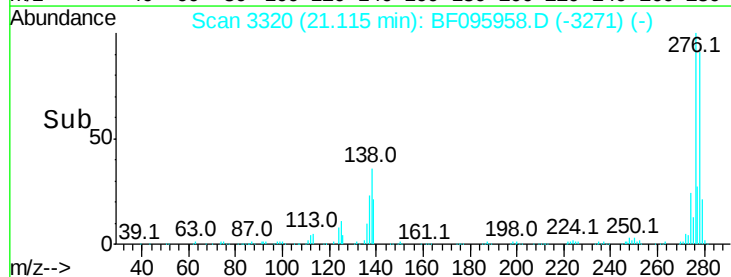
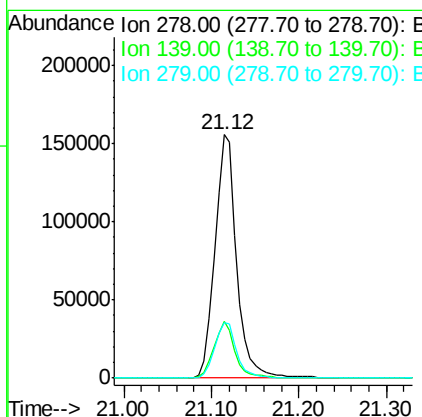
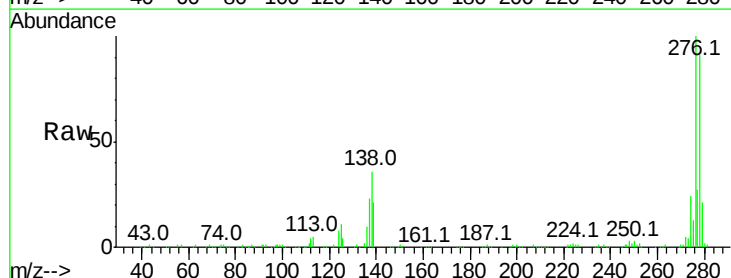
Instrument :
BNA_F
ClientSampleId :

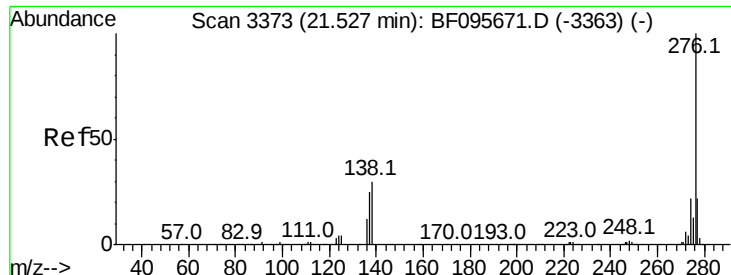
Tot Ion:252 Resp: 321798
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 13.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.70 ng
RT: 21.12 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095958.D
Acq: 16 Jun 2017 16:32

Tgt Ion:278 Resp: 267710
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 22.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 41.36 ng

RT: 21.44 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BF095958.D

Acq: 16 Jun 2017 16:32

Instrument :

BNA_F

ClientSampleId :

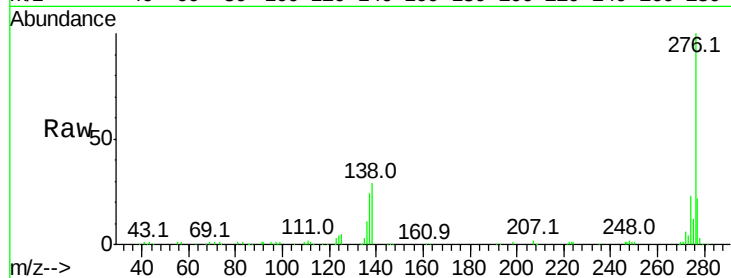
Tot Ion:276 Resp: 258337

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 28.8 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

