

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097123.D
 Acq On : 27 Jul 2017 15:33
 Operator : SJ/JU
 Sample : I4421-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-SSWDL

Quant Time: Jul 27 16:26:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 16:02:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	90354	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	331418	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	141508	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	214438	20.00	ng	0.00
75) Chrysene-d12	13.62	240	181234	20.00	ng	0.00
86) Perylene-d12	14.96	264	156869	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	152578	25.46	ng	0.00
7) Phenol-d6	6.15	99	189214	27.65	ng	0.00
23) Nitrobenzene-d5	7.05	82	121625	21.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	26102	23.35	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	180800	21.68	ng	0.00
78) Terphenyl-d14	12.57	244	132822	14.94	ng	0.00

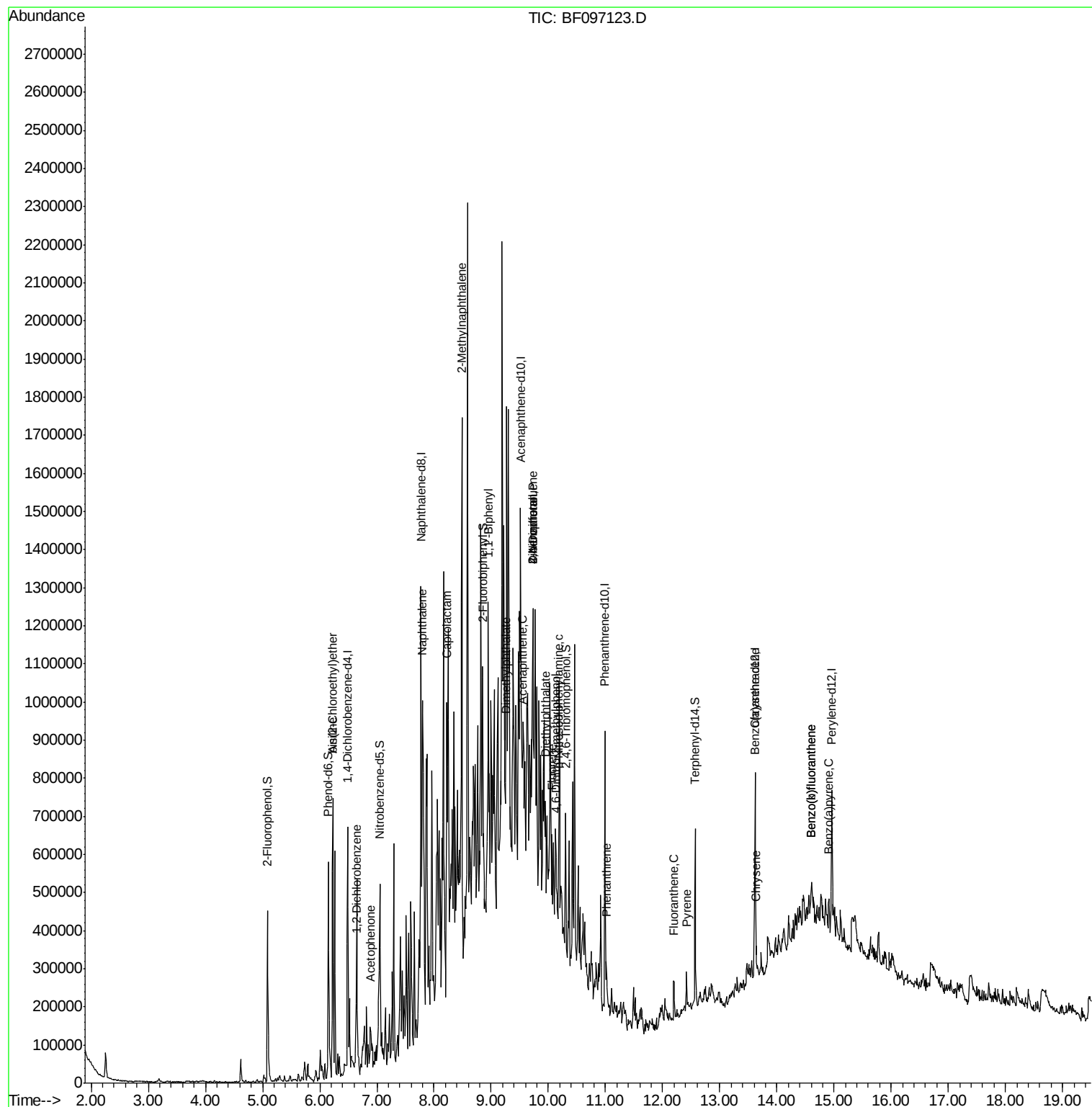
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.23	93	203098	23.587	ng	# 52
11) bis(2-Chloroethyl)ether	6.23	93	203098	31.639	ng	# 91
14) 1,2-Dichlorobenzene	6.66	146	15628	2.615	ng	# 93
22) Acetophenone	6.89	105	17130	2.152	ng	# 50
31) Naphthalene	7.79	128	259538	16.613	ng	# 99
35) Caprolactam	8.22	113	10018	6.906	ng	# 1
37) 2-Methylnaphthalene	8.49	142	365629	36.964	ng	# 99
45) 1,1'-Biphenyl	8.95	154	33759	2.793	ng	# 96
49) Dimethylphthalate	9.25	163	47140	4.387	ng	# 98
51) Acenaphthene	9.55	154	24445	3.040	ng	# 89
54) Dibenzofuran	9.72	168	27397	2.558	ng	# 45
55) 4-Nitrophenol	9.73	139	16077	9.556	ng	# 81
56) 2,4-Dinitrotoluene	9.73	165	8448	3.224	ng	# 53
57) Fluorene	10.06	166	33337	4.141	ng	# 83
59) Diethylphthalate	9.95	149	21346	2.165	ng	# 93
64) 4,6-Dinitro-2-methylphenol	10.14	198	3585	2.690	ng	# 1
65) n-Nitrosodiphenylamine	10.18	169	27001	3.619	ng	# 48
70) Phenanthrene	11.02	178	37044	3.224	ng	# 93
74) Fluoranthene	12.19	202	43008	3.821	ng	# 94
77) Pvrene	12.42	202	44261	2.983	ng	# 97
80) Benzo(a)anthracene	13.60	228	28604	2.439	ng	# 94
82) Chrysene	13.64	228	25287	2.208	ng	# 93
87) Benzo(b)fluoranthene	14.60	252	47821	5.071	ng	# 86
88) Benzo(k)fluoranthene	14.60	252	47821	5.322	ng	# 89
89) Benzo(a)pyrene	14.91	252	29085	3.370	ng	# 89

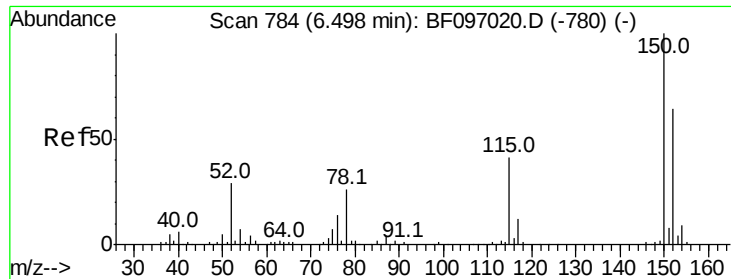
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097123.D
Acq On : 27 Jul 2017 15:33
Operator : SJ/JU
Sample : I4421-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSWDL

Quant Time: Jul 27 16:26:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 27 16:02:47 2017
Response via : Initial Calibration



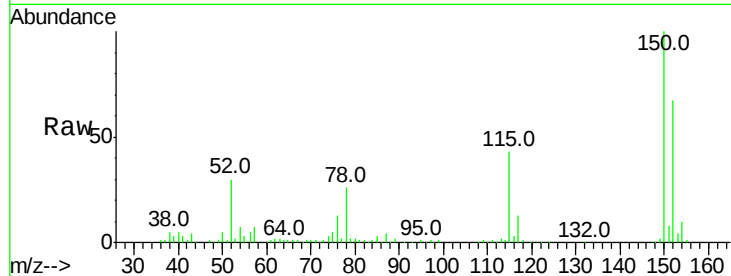


#1

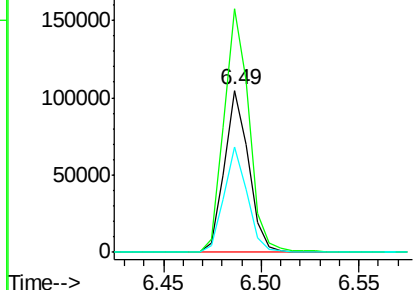
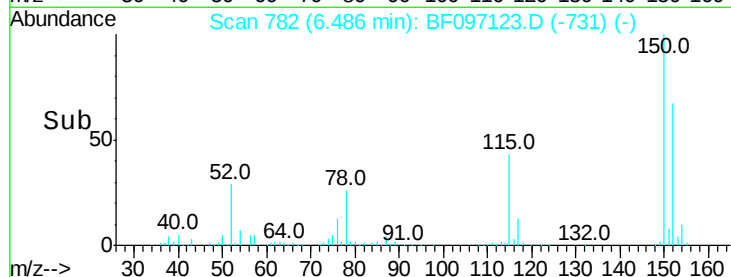
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSWDL

Tot Ion:152 Resp: 90354
Ion Ratio Lower Upper
152 100
150 150.2 126.2 189.2
115 65.0 52.2 78.2



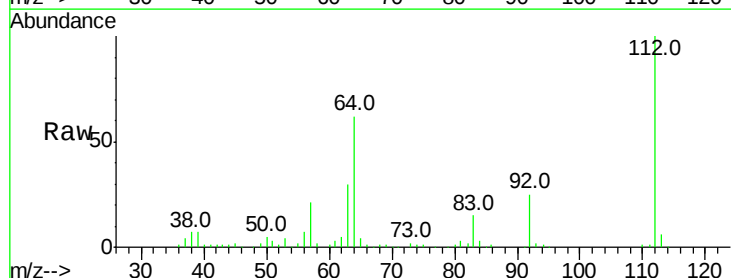
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



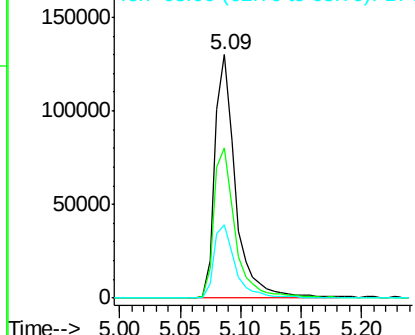
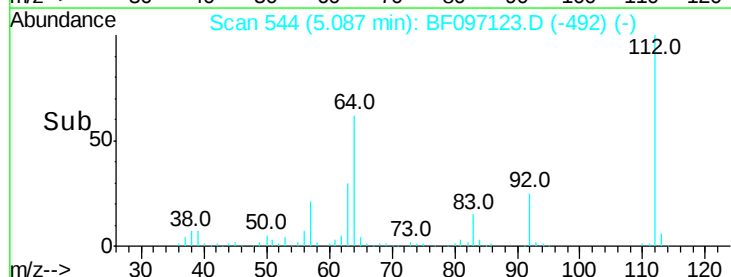
#5

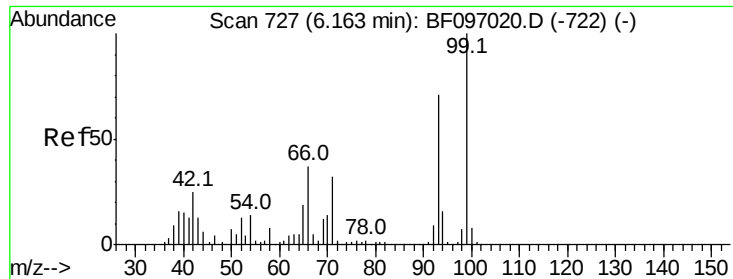
2-Fluorophenol
Concen: 25.456 ng
RT: 5.09 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Tgt Ion:112 Resp: 152578
Ion Ratio Lower Upper
112 100
64 61.6 46.0 69.0
63 30.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 23.587 ng

RT: 6.23 min Scan# 738

Delta R.T. 0.08 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

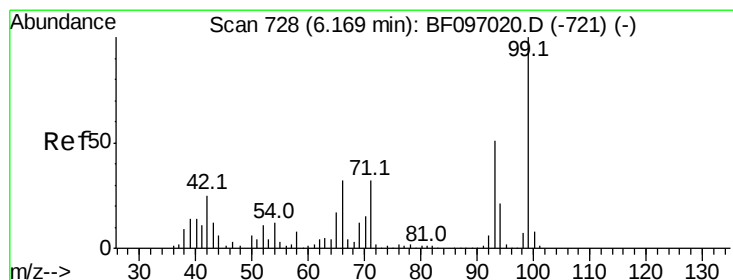
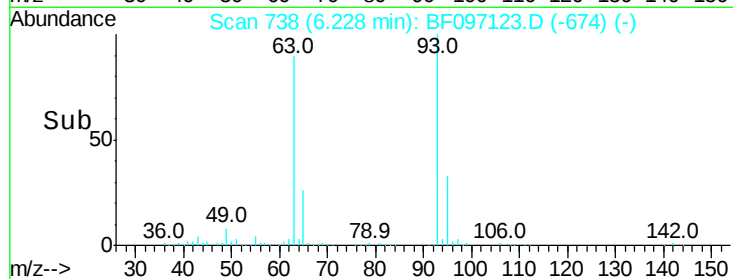
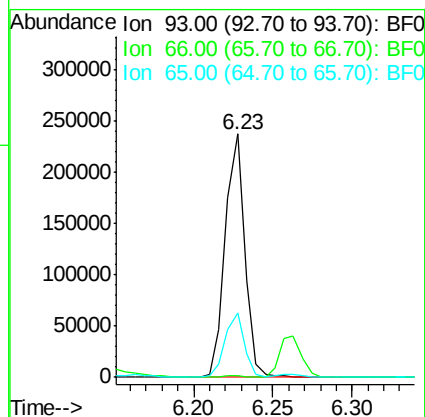
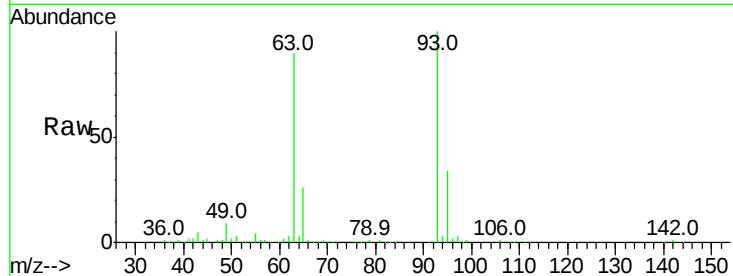
Tot Ion: 93 Resp: 203098

Ion Ratio Lower Upper

93 100

66 0.5 32.9 49.3#

65 26.2 16.0 24.0#



#7

Phenol-d6

Concen: 27.653 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

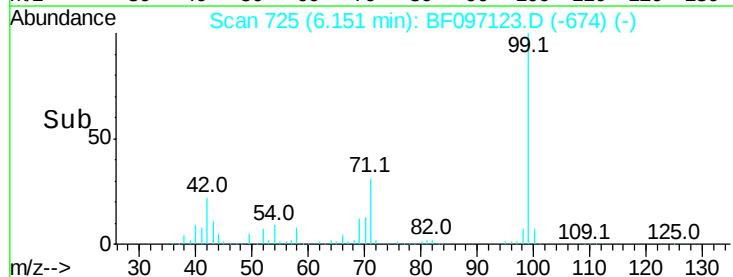
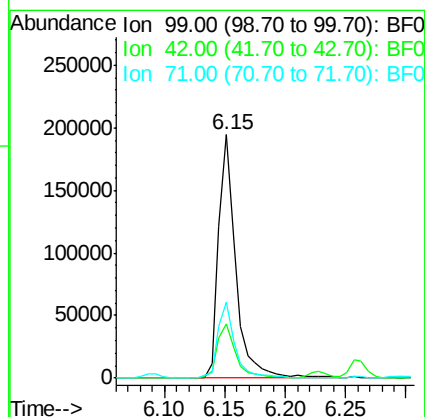
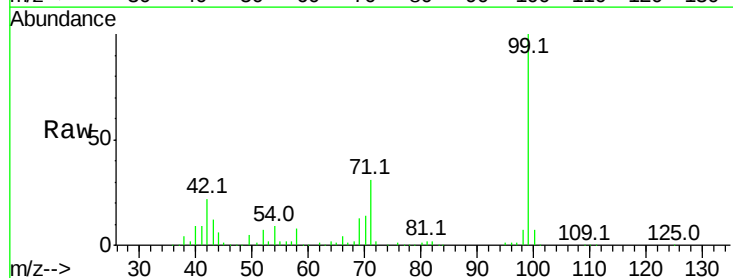
Tgt Ion: 99 Resp: 189214

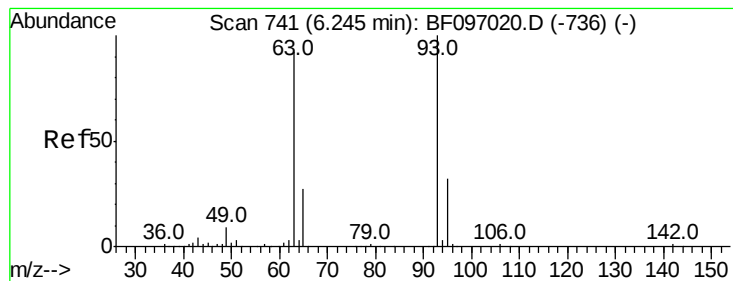
Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 31.0 24.5 36.7

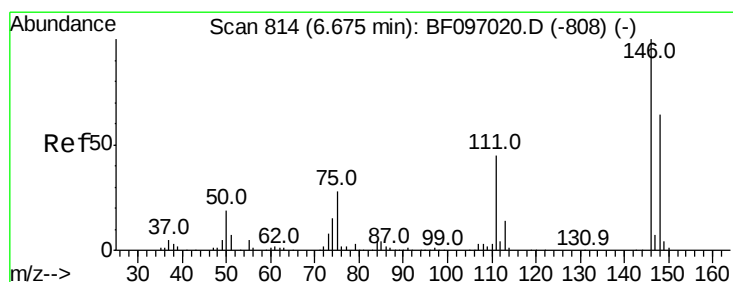
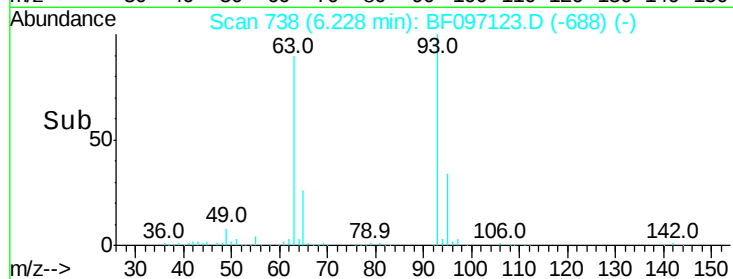
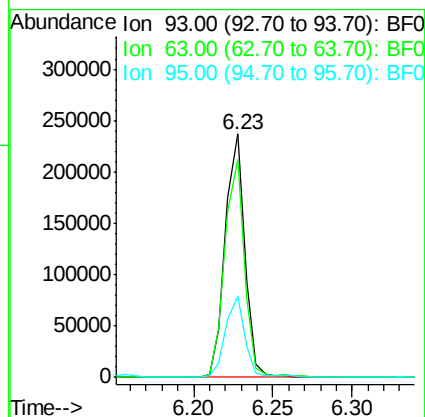
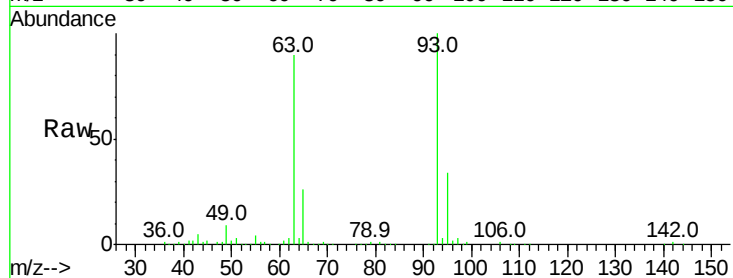




#11
bis(2-Chloroethyl)ether
Concen: 31.639 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

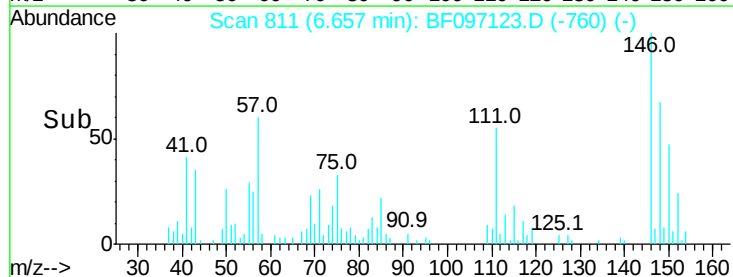
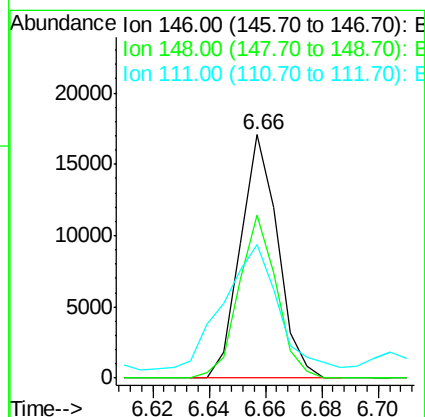
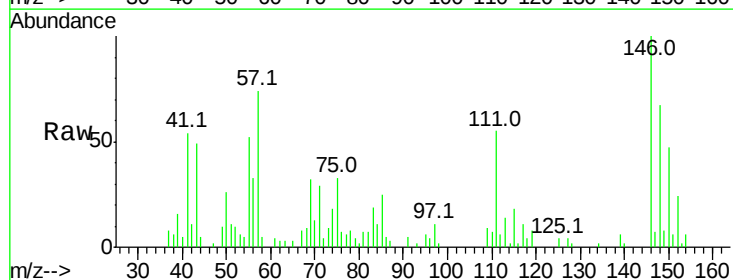
Instrument :
BNA_F
ClientSampleId :
E2-N7-SSWDL

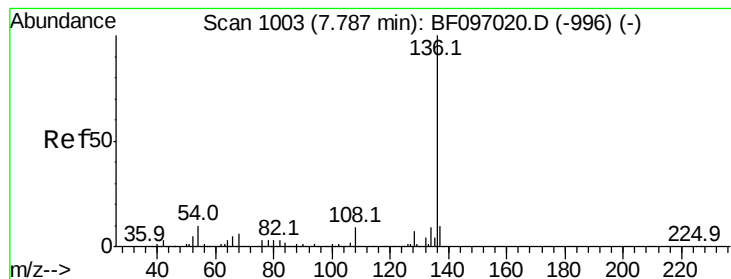
Tot Ion: 93 Resp: 203098
Ion Ratio Lower Upper
93 100
63 89.7 59.2 99.2
95 33.5 12.8 52.8



#14
1,2-Dichlorobenzene
Concen: 2.615 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Tgt Ion: 146 Resp: 15628
Ion Ratio Lower Upper
146 100
148 66.9 50.4 75.6
111 54.7 38.2 57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

Tot Ion:136 Resp: 331418

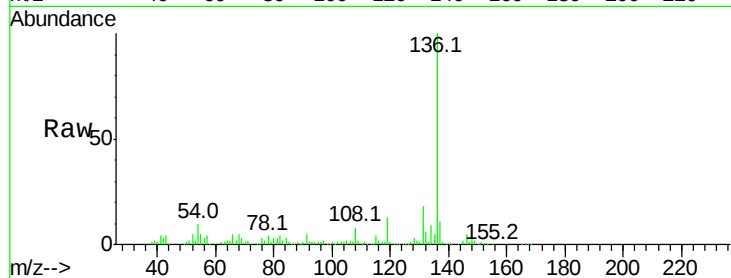
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.8 4.9 7.3#

68 5.4 4.1 6.1

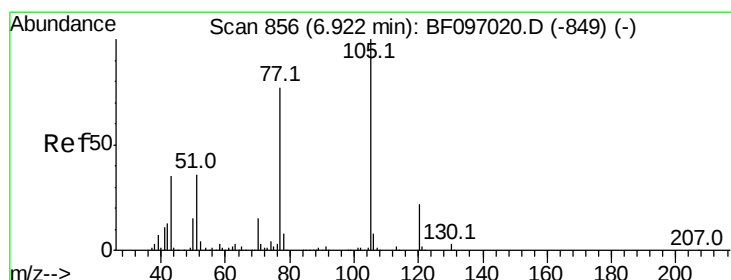
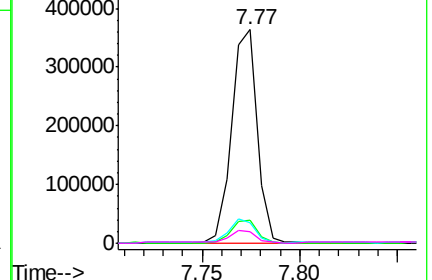
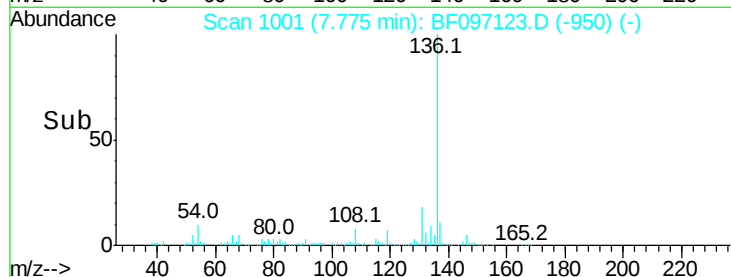


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.152 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Tgt Ion:105 Resp: 17130

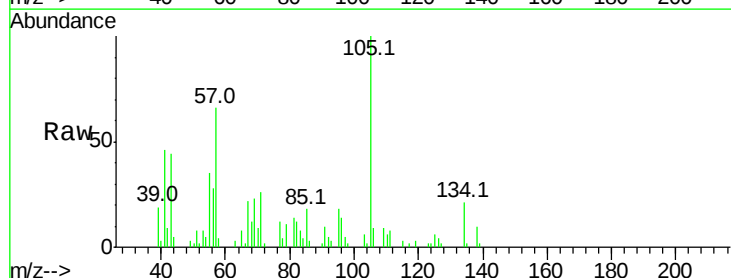
Ion Ratio Lower Upper

105 100

71 25.6 2.8 4.2#

51 7.7 30.7 46.1#

120 0.0 17.4 26.0#

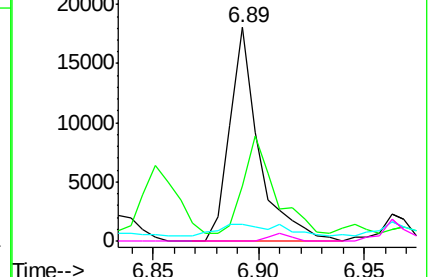
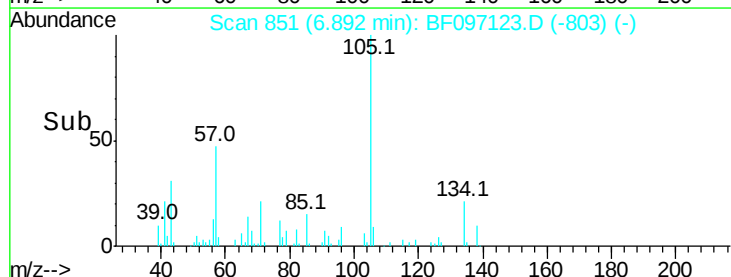


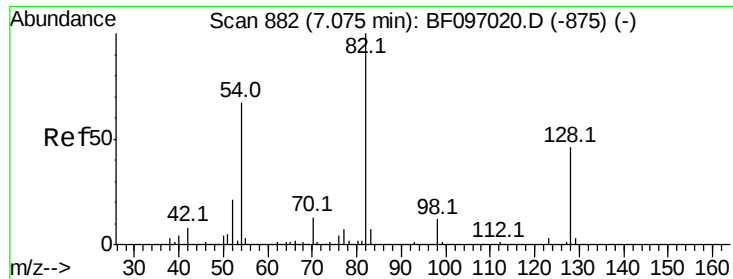
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

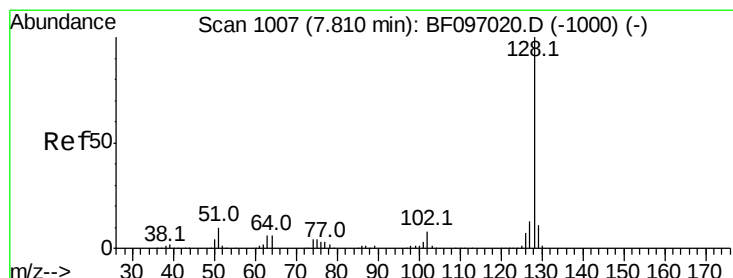
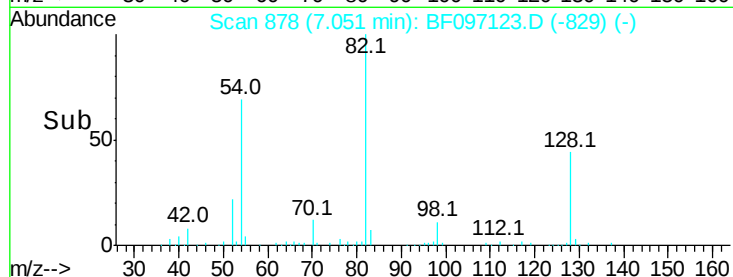
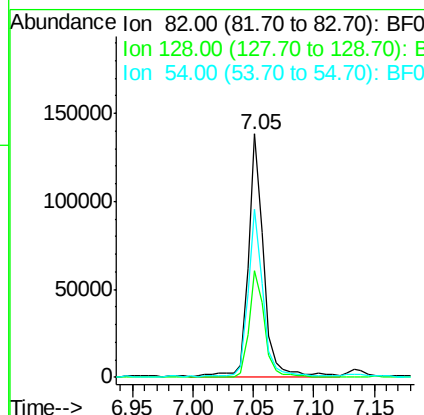
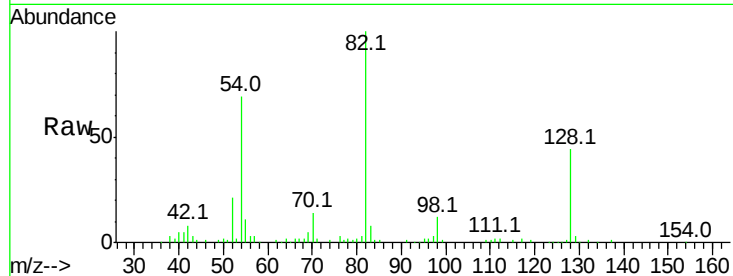




#23
 Nitrobenzene-d5
 Concen: 21.529 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF097123.D
 Acq: 27 Jul 2017 15:33

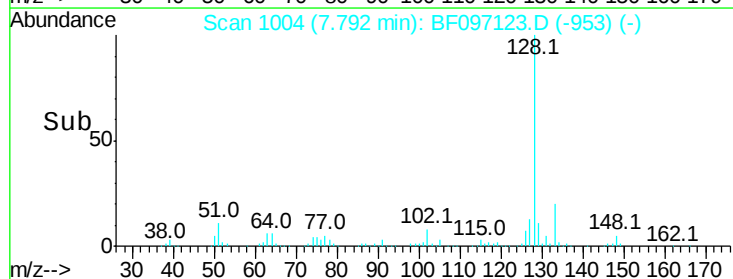
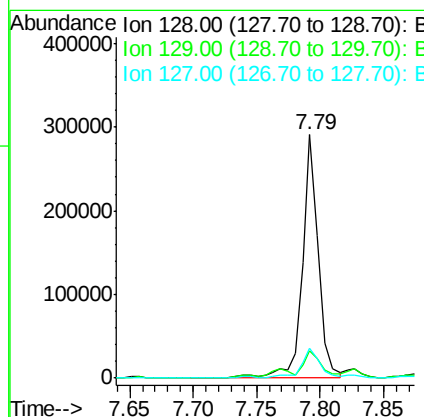
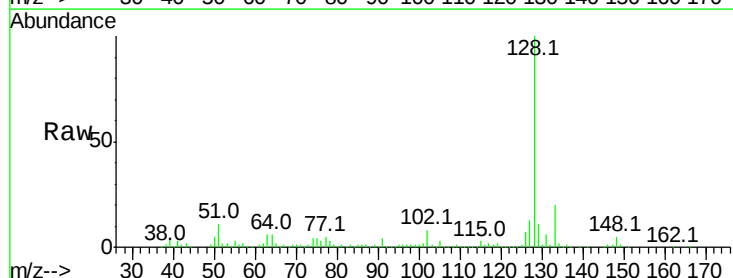
Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-SSWDL

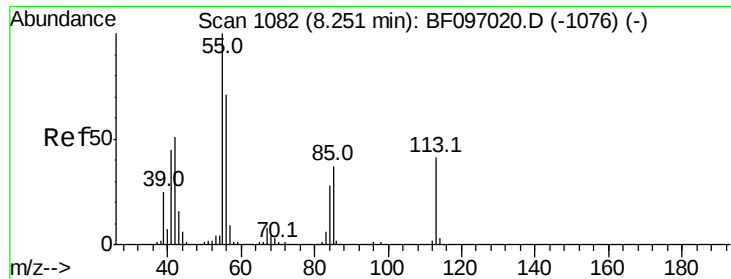
Tot Ion	82	Resp	121625
Ion Ratio	100	Lower	Upper
128	43.6	34.0	51.0
54	68.8	42.2	63.2#



#31
 Naphthalene
 Concen: 16.613 ng
 RT: 7.79 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF097123.D
 Acq: 27 Jul 2017 15:33

Tgt Ion	128	Resp	259538
Ion Ratio	100	Lower	Upper
129	11.4	9.0	13.6
127	12.5	10.8	16.2

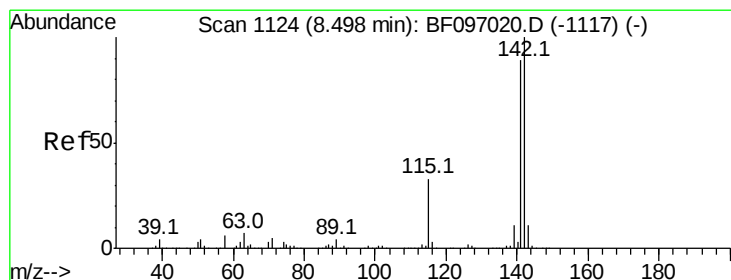
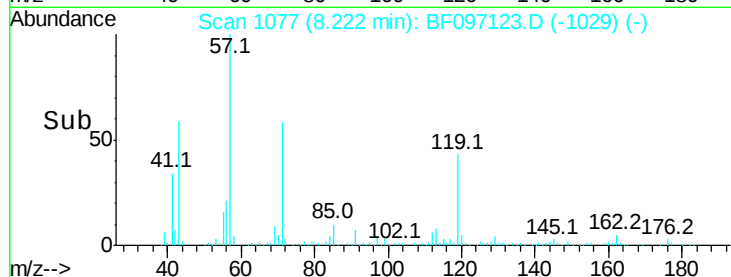
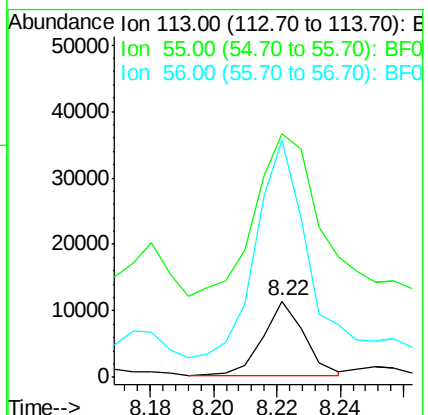
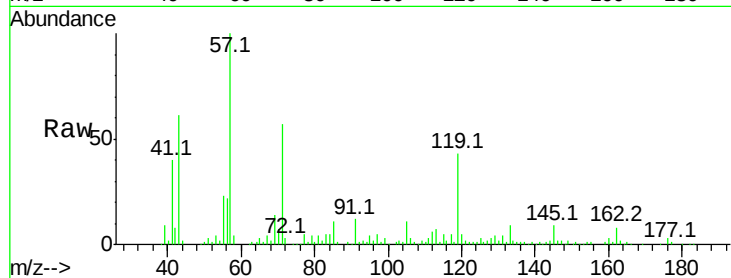




#35
Caprolactam
Concen: 6.906 ng
RT: 8.22 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

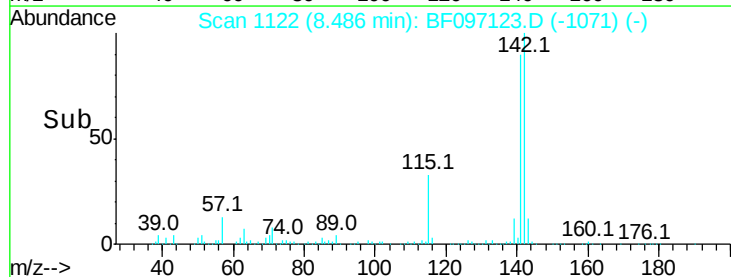
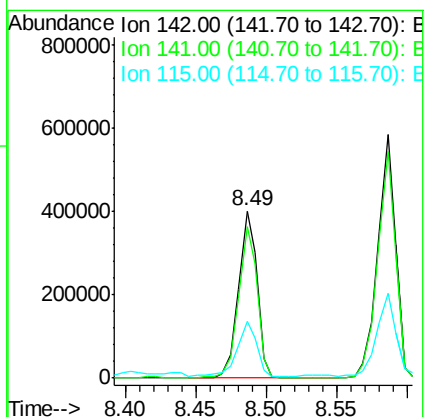
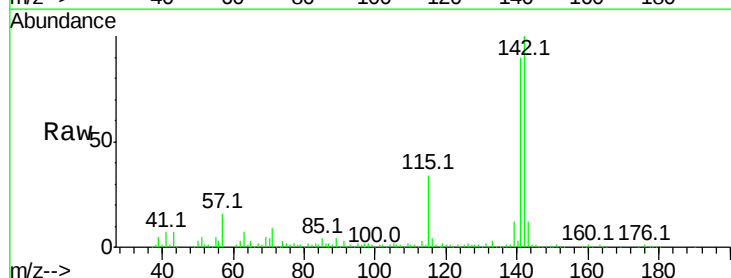
Instrument :
BNA_F
ClientSampleId :
E2-N7-SSWDL

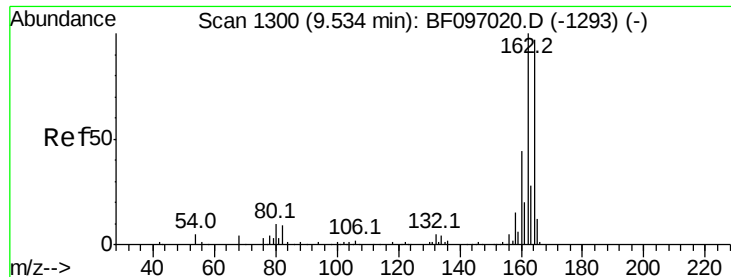
Tot Ion:113 Resp: 10018
Ion Ratio Lower Upper
113 100
55 320.1 150.2 190.2#
56 312.1 107.8 147.8#



#37
2-Methylnaphthalene
Concen: 36.964 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Tgt Ion:142 Resp: 365629
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 34.1 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

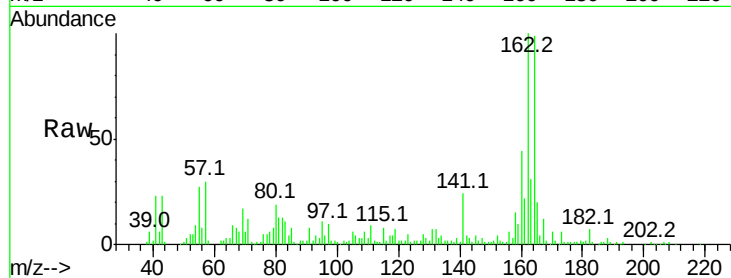
Tot Ion:164 Resp: 141508

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

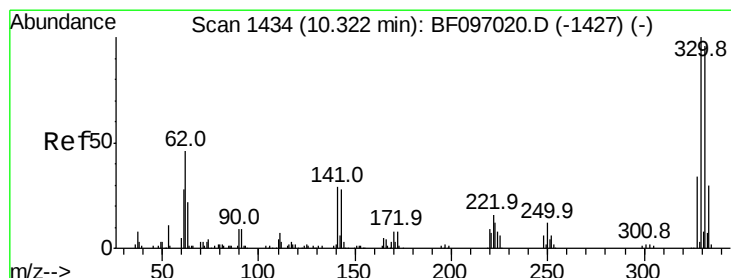
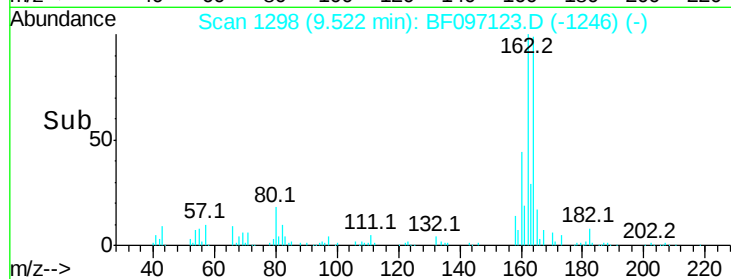
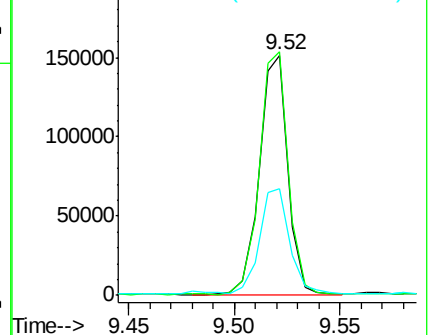
160 44.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 23.346 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

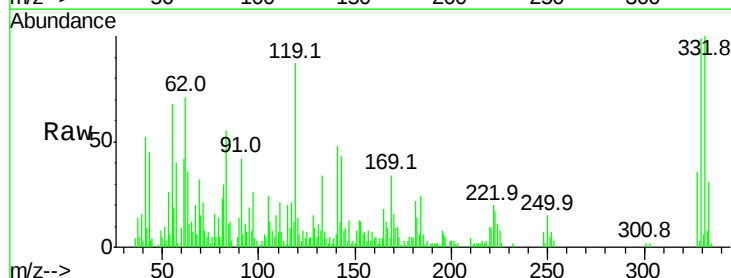
Tgt Ion:330 Resp: 26102

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

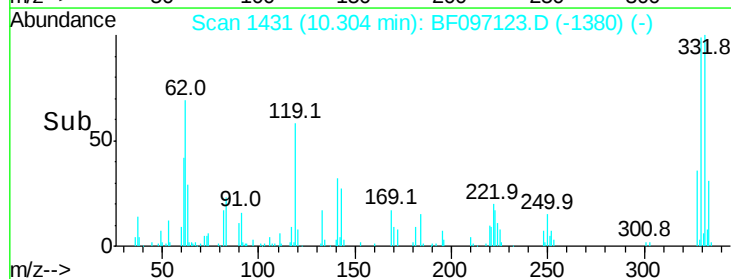
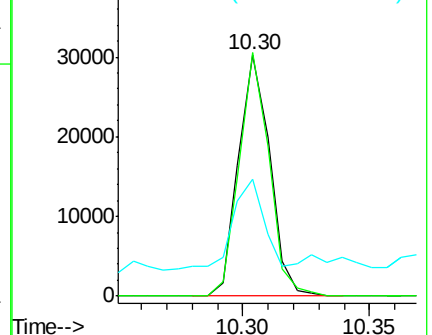
141 40.2 31.4 47.2

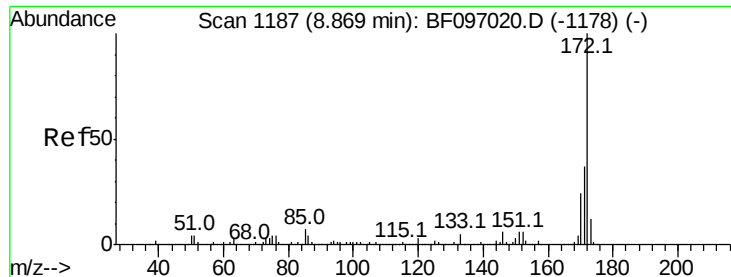


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

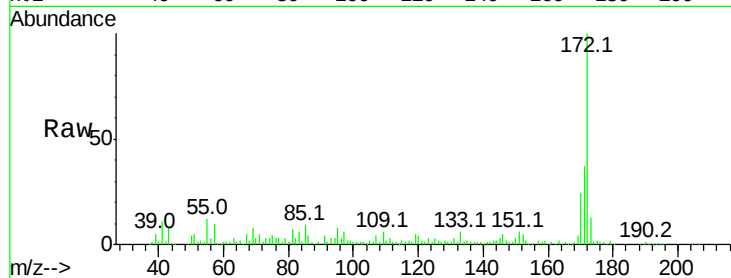




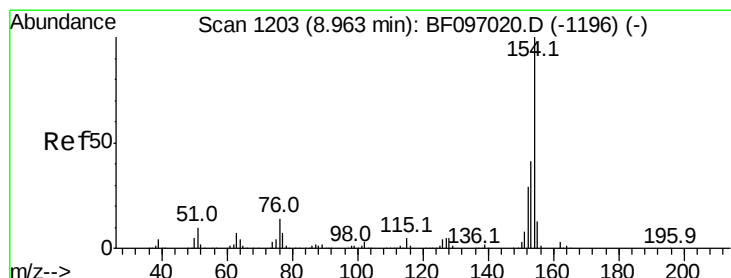
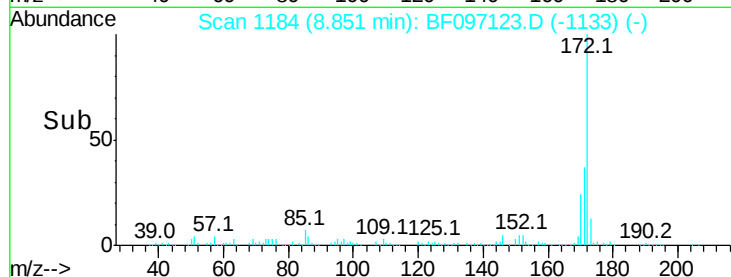
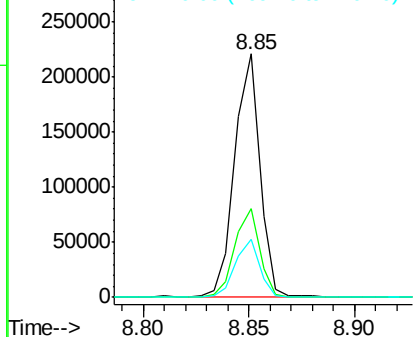
#44
2-Fluorobiphenyl
Concen: 21.683 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSWDL

Tot Ion:172 Resp: 180800
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.0 19.8 29.8

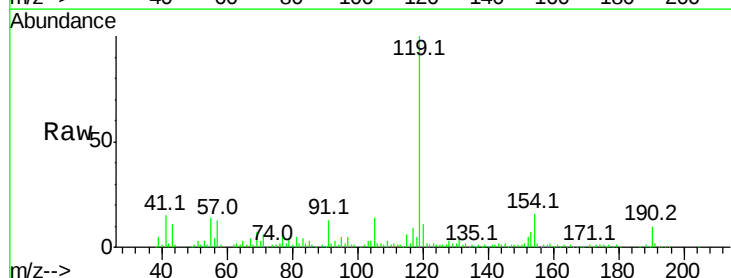


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

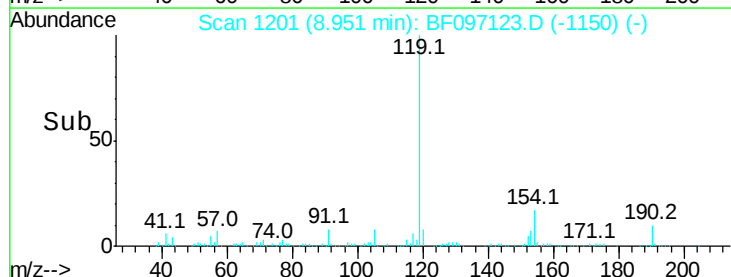
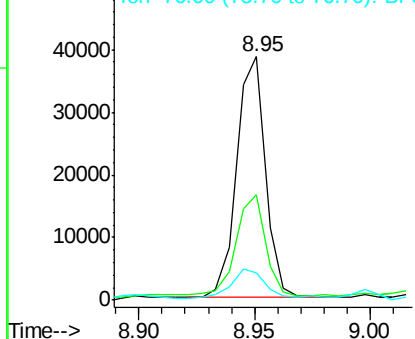


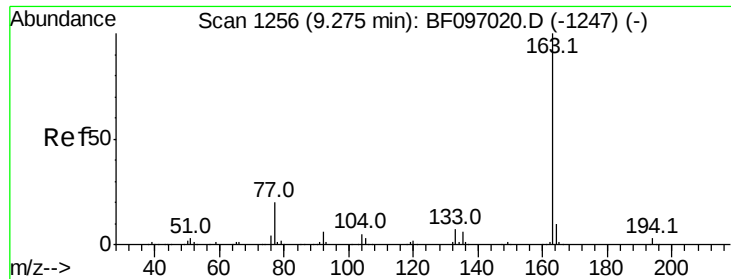
#45
1,1'-Biphenyl
Concen: 2.793 ng
RT: 8.95 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Tgt Ion:154 Resp: 33759
Ion Ratio Lower Upper
154 100
153 43.4 21.2 61.2
76 11.3 0.0 29.9



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

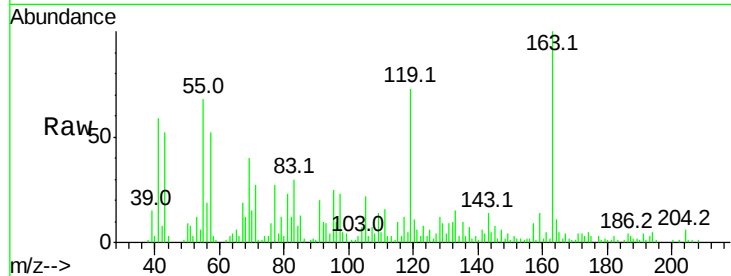




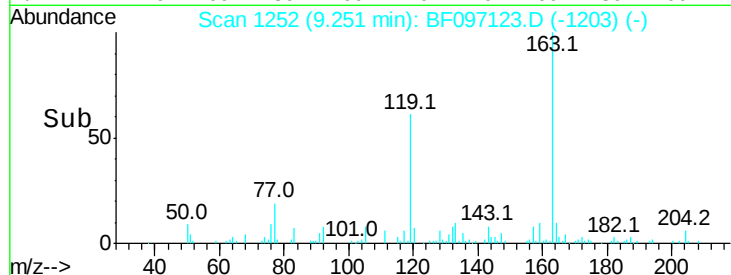
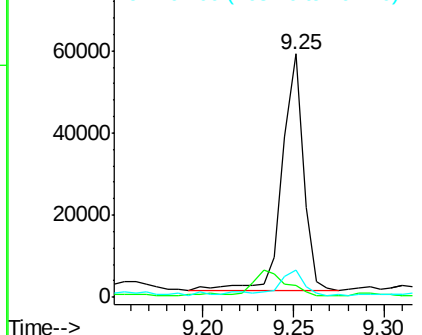
#49
Dimethylphthalate
Concen: 4.387 ng
RT: 9.25 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Instrument :
BNA_F
ClientSampleId :
E2-N7-SSWDL

Tot Ion:163 Resp: 47140
Ion Ratio Lower Upper
163 100
194 5.0 2.6 4.0#
164 11.1 8.4 12.6

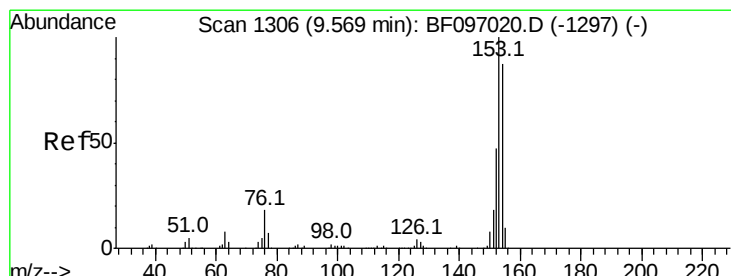


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

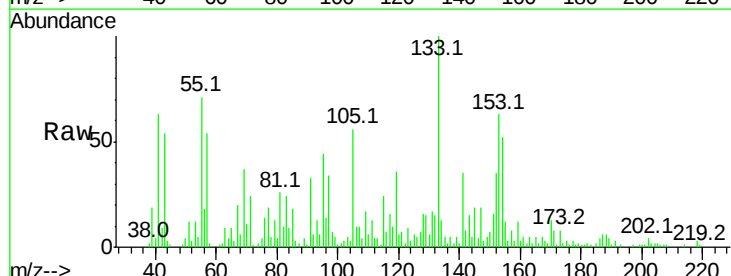
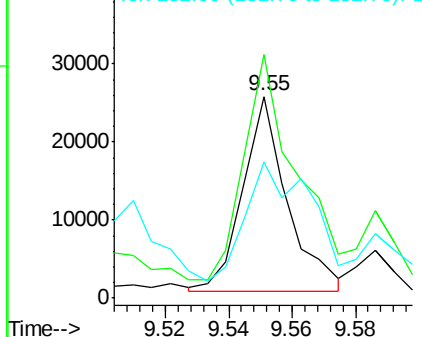


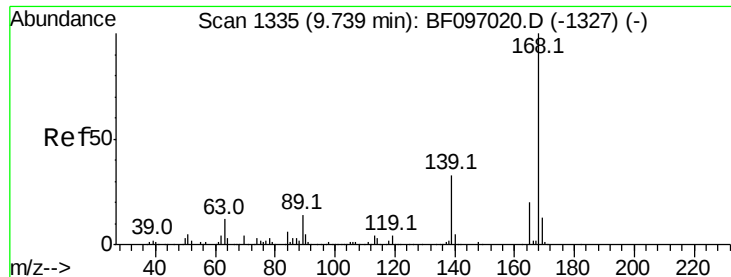
#51
Acenaphthene
Concen: 3.040 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Tgt Ion:154 Resp: 24445
Ion Ratio Lower Upper
154 100
153 120.6 90.5 135.7
152 67.6 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

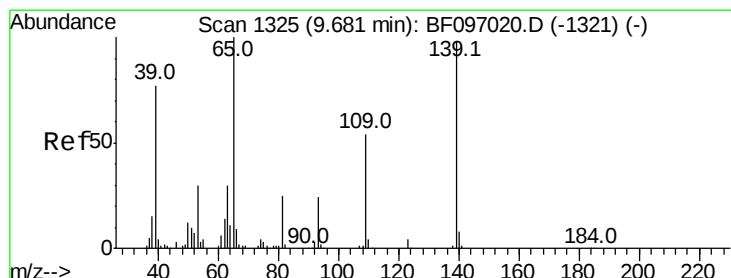
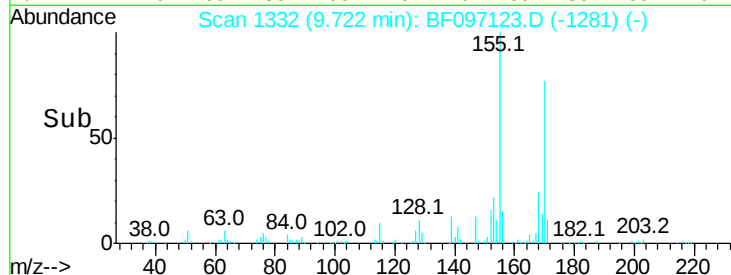
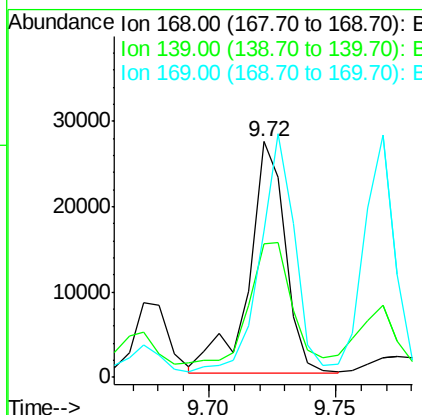
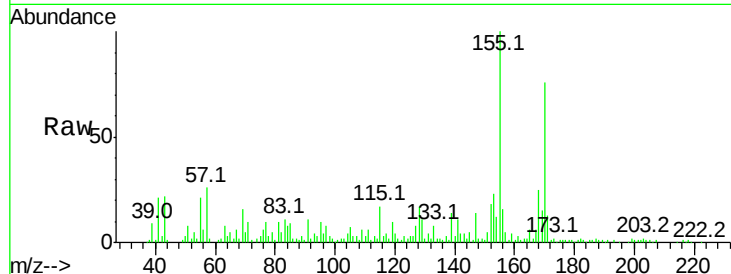




#54
Dibenzofuran
Concen: 2.558 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

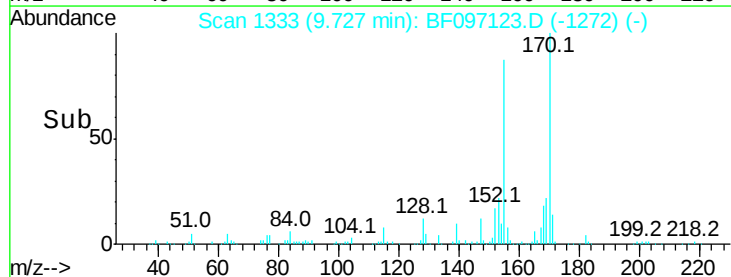
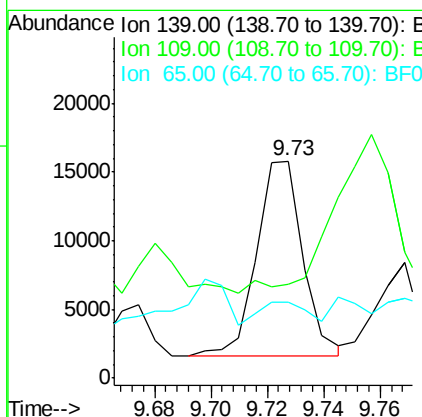
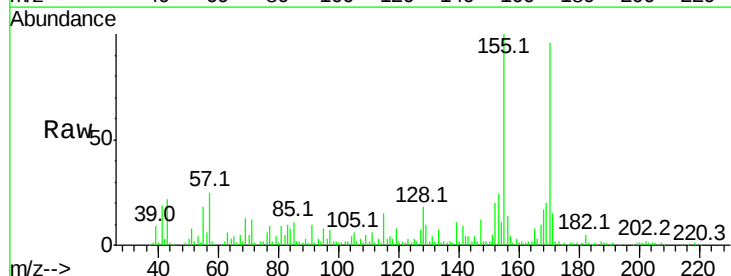
Instrument :
BNA_F
ClientSampleId :
E2-N7-SSWDL

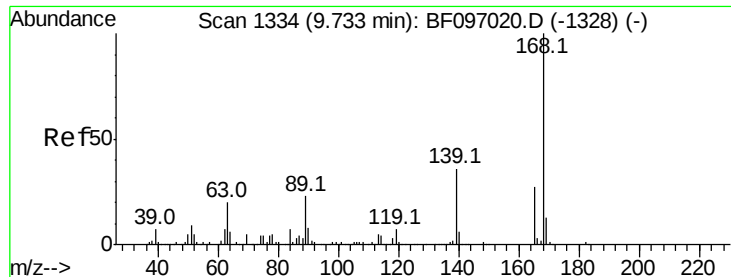
Tot Ion:168 Resp: 27397
Ion Ratio Lower Upper
168 100
139 56.9 30.6 45.8#
169 62.2 10.8 16.2#



#55
4-Nitrophenol
Concen: 9.556 ng
RT: 9.73 min Scan# 1333
Delta R.T. 0.06 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Tgt Ion:139 Resp: 16077
Ion Ratio Lower Upper
139 100
109 43.2 34.1 74.1
65 35.0 31.4 71.4

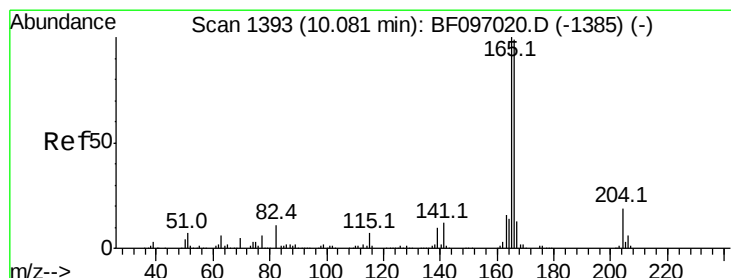
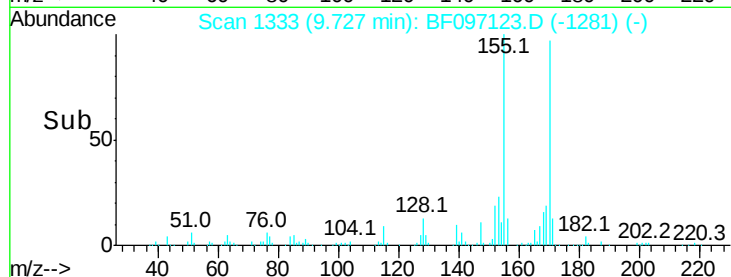
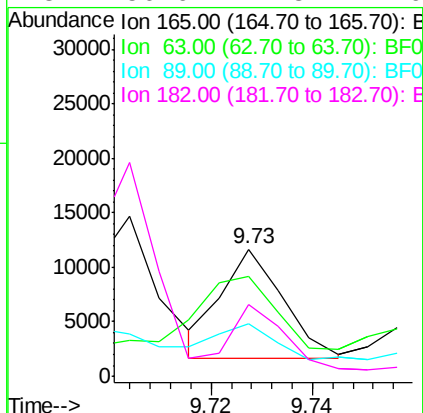
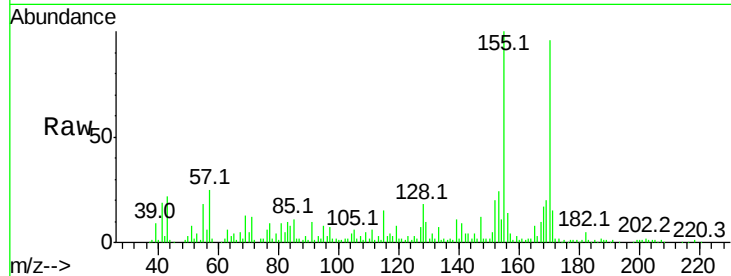




#56
 2,4-Dinitrotoluene
 Concen: 3.224 ng
 RT: 9.73 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF097123.D
 Acq: 27 Jul 2017 15:33

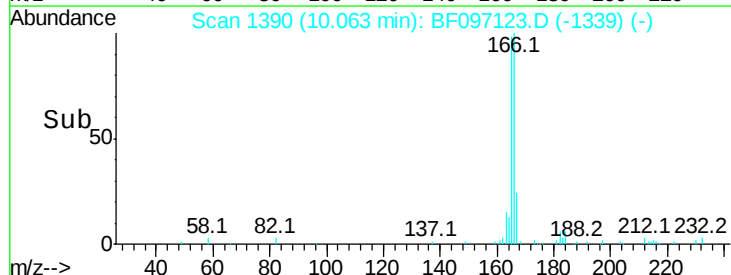
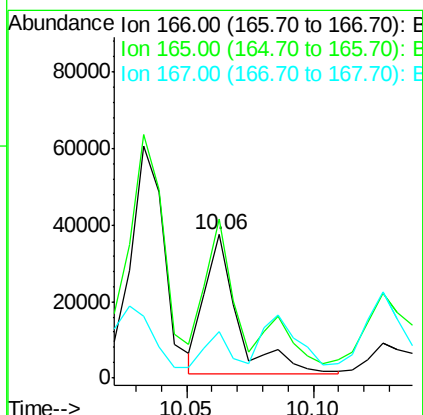
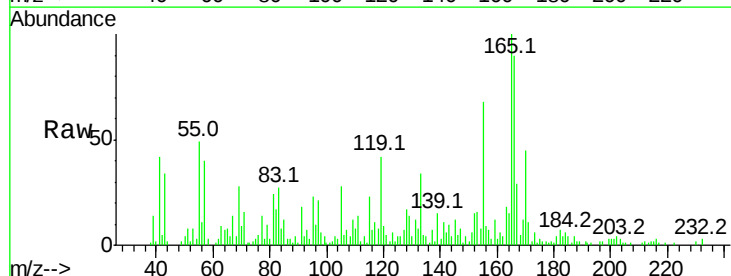
Instrument :
 BNA_F
 ClientSampleId :
 E2-N7-SSWDL

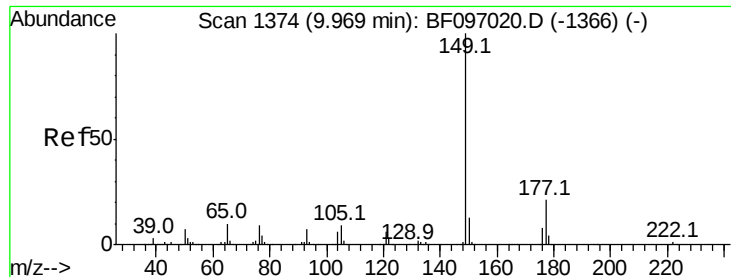
Tot Ion:165 Resp: 8448
 Ion Ratio Lower Upper
 165 100
 63 78.2 25.4 38.0#
 89 41.1 46.4 69.6#
 182 56.6 1.8 2.6#



#57
 Fluorene
 Concen: 4.141 ng
 RT: 10.06 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF097123.D
 Acq: 27 Jul 2017 15:33

Tgt Ion:166 Resp: 33337
 Ion Ratio Lower Upper
 166 100
 165 111.1 78.8 118.2
 167 32.6 10.6 16.0#





#59

Diethylphthalate

Concen: 2.165 ng

RT: 9.95 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

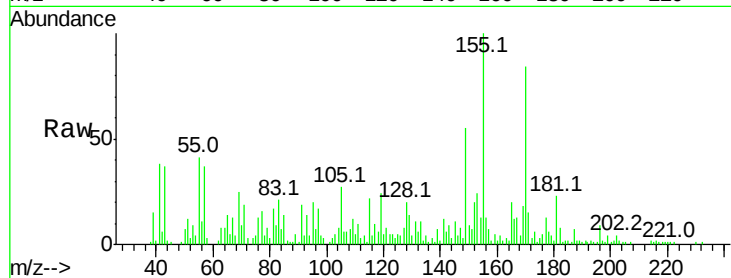
Tot Ion:149 Resp: 21346

Ion Ratio Lower Upper

149 100

177 23.4 16.7 25.1

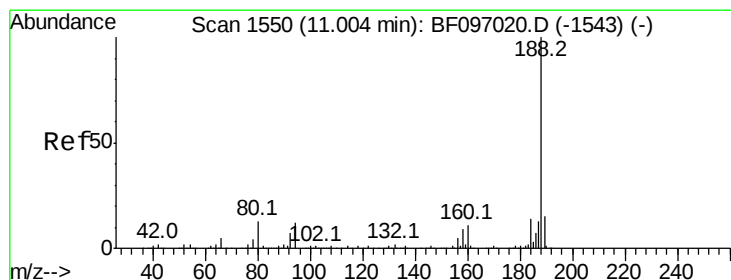
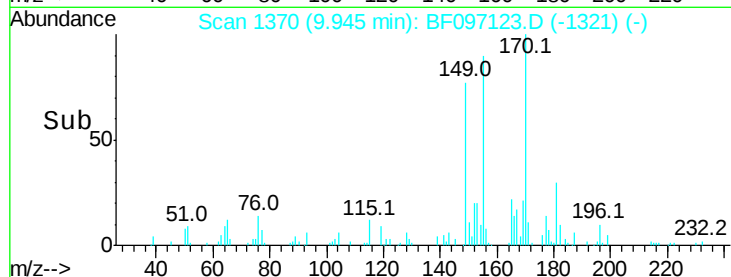
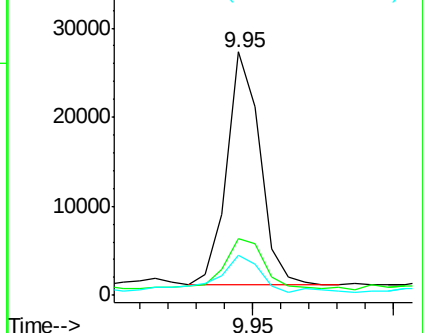
150 16.7 10.2 15.2#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

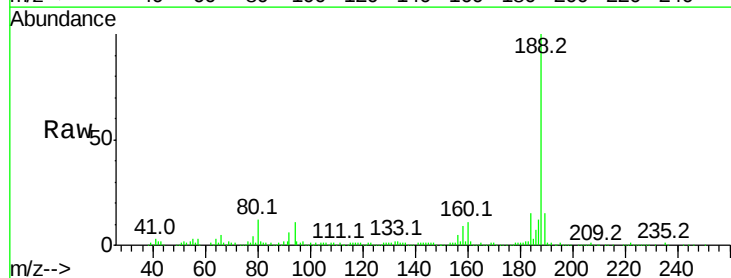
Tgt Ion:188 Resp: 214438

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

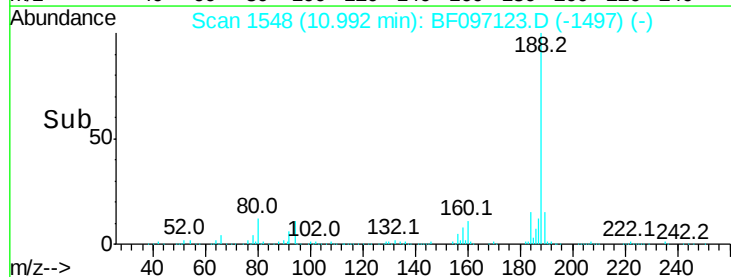
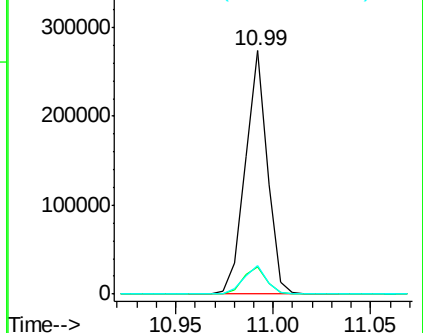
80 11.9 10.2 15.2

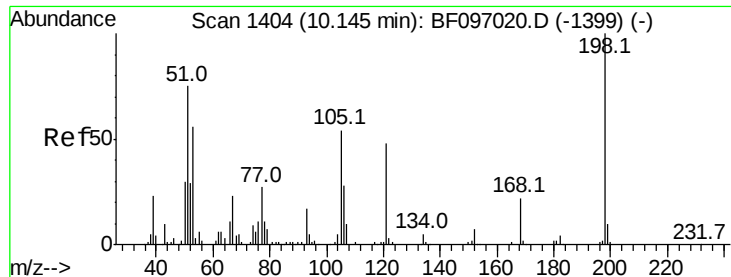


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.690 ng

RT: 10.14 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

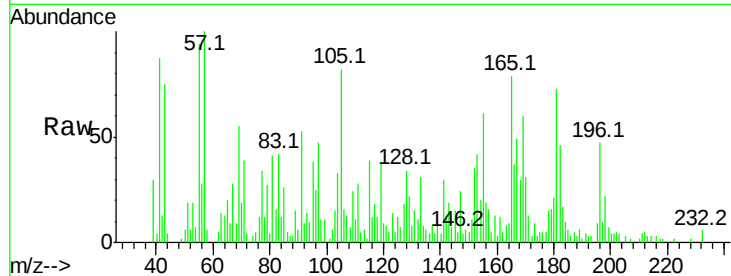
Tot Ion:198 Resp: 3585

Ion Ratio Lower Upper

198 100

51 86.9 53.2 93.2

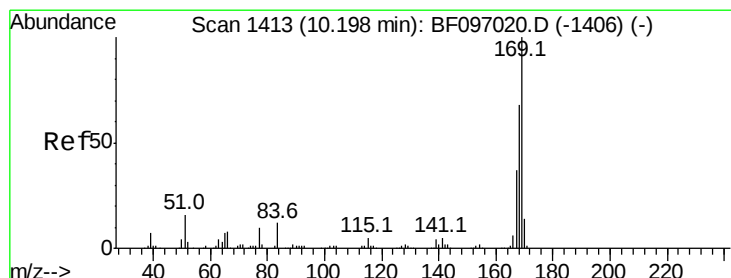
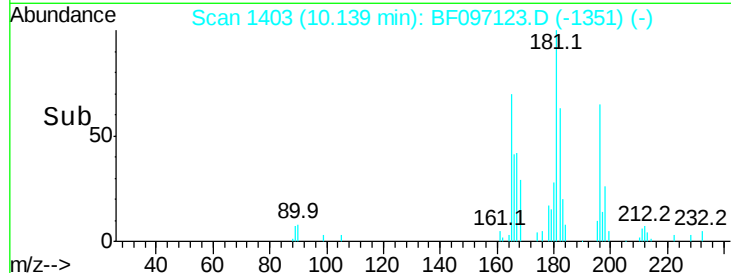
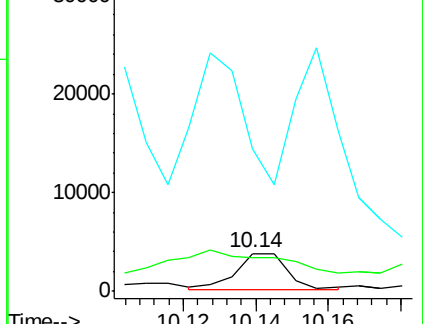
105 373.1 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 3.619 ng

RT: 10.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

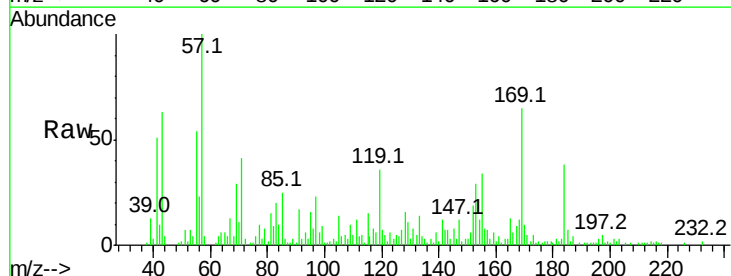
Tgt Ion:169 Resp: 27001

Ion Ratio Lower Upper

169 100

168 18.9 53.2 79.8#

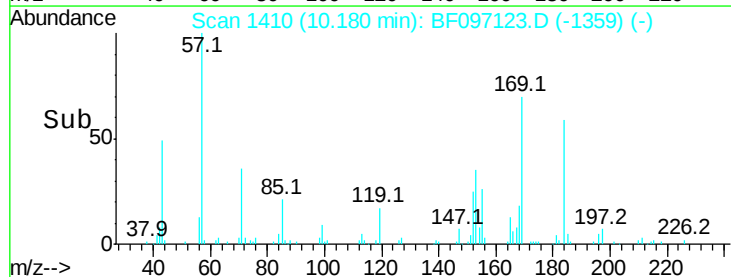
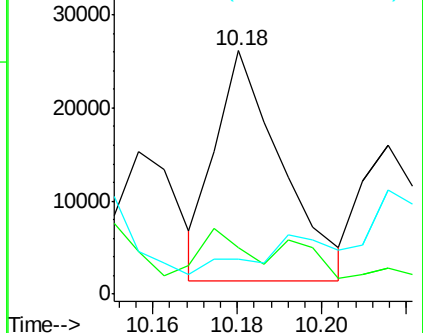
167 14.2 29.5 44.3#

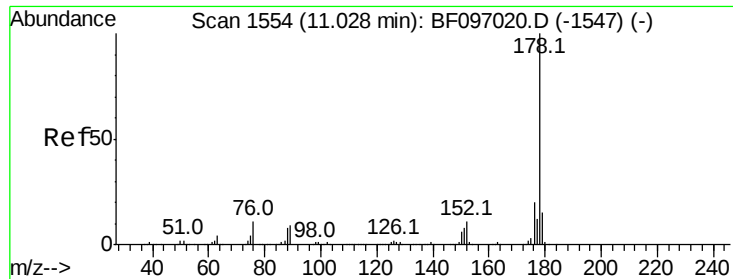


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

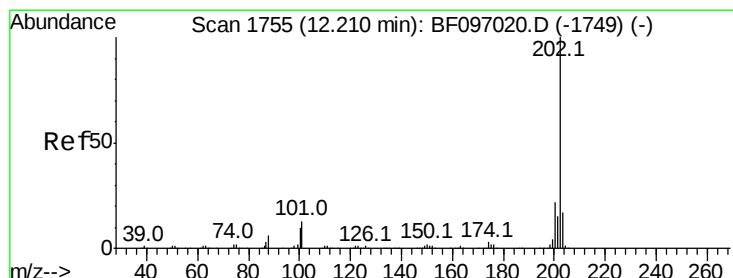
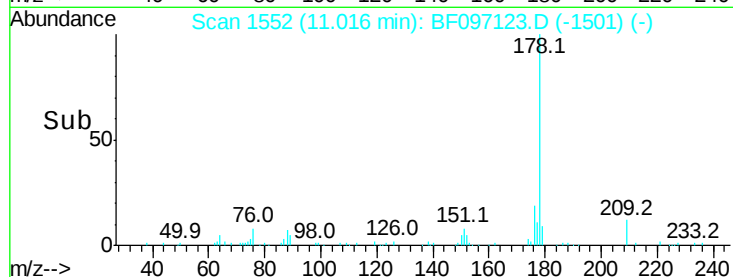
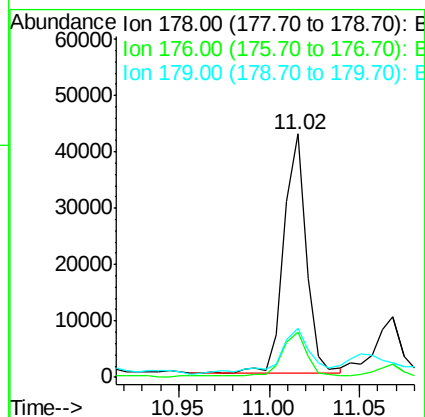
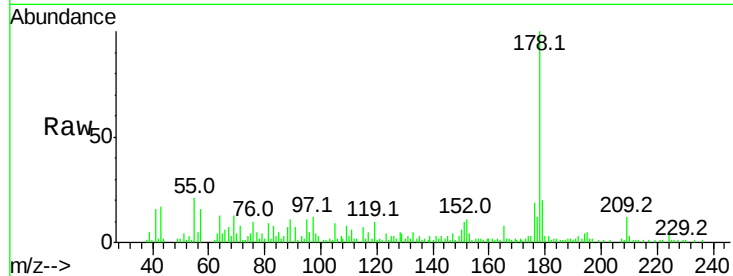




#70
Phenanthrene
Concen: 3.224 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

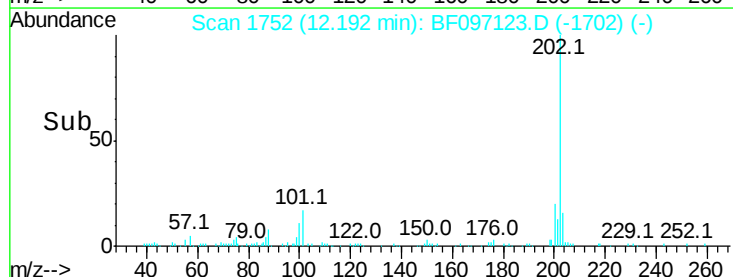
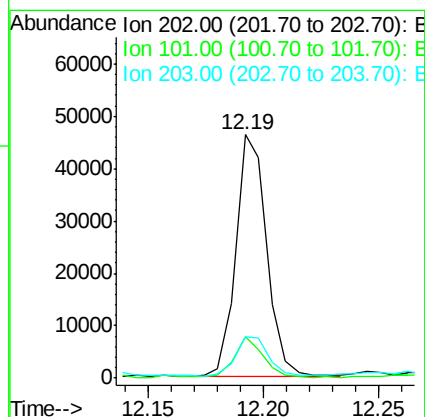
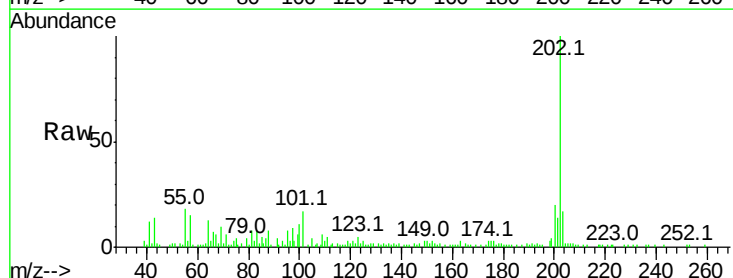
Instrument :
BNA_F
ClientSampleId :
E2-N7-SSWDL

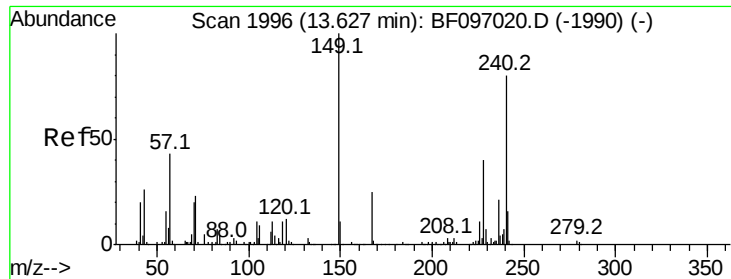
Tot Ion:178 Resp: 37044
Ion Ratio Lower Upper
178 100
176 18.5 16.2 24.4
179 20.2 12.6 19.0#



#74
Fluoranthene
Concen: 3.821 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF097123.D
Acq: 27 Jul 2017 15:33

Tgt Ion:202 Resp: 43008
Ion Ratio Lower Upper
202 100
101 17.1 0.0 33.2
203 16.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

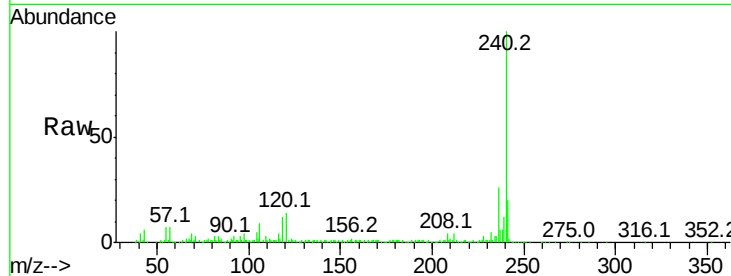
Tot Ion:240 Resp: 181234

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

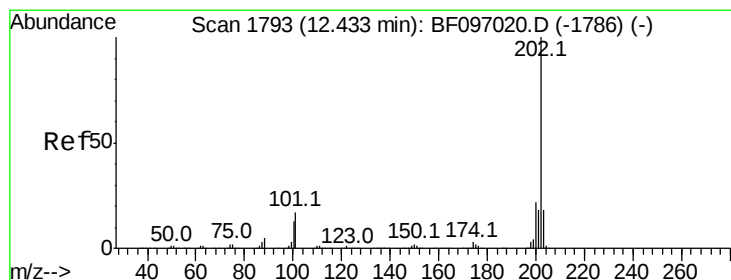
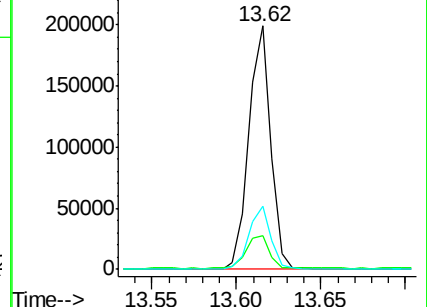
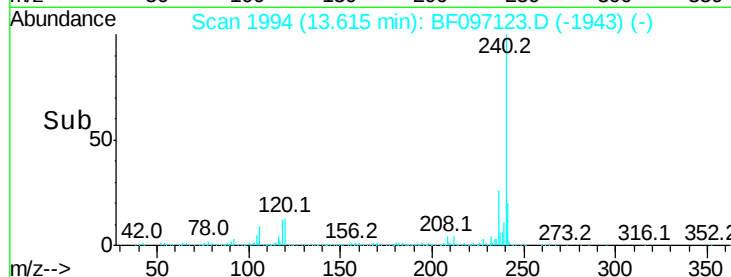
236 26.2 20.5 30.7



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



#77

Pyrene

Concen: 2.983 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

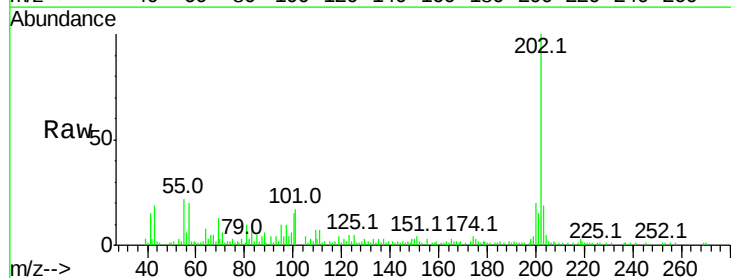
Tgt Ion:202 Resp: 44261

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

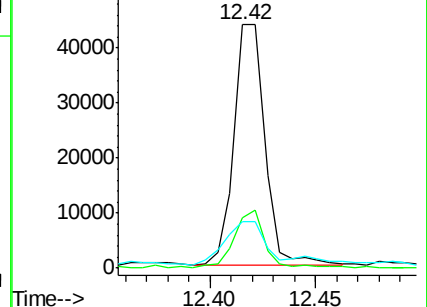
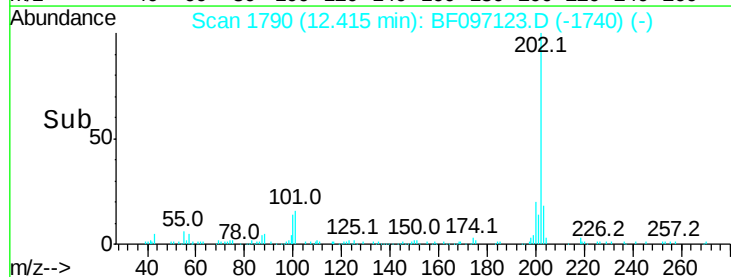
203 19.0 14.4 21.6

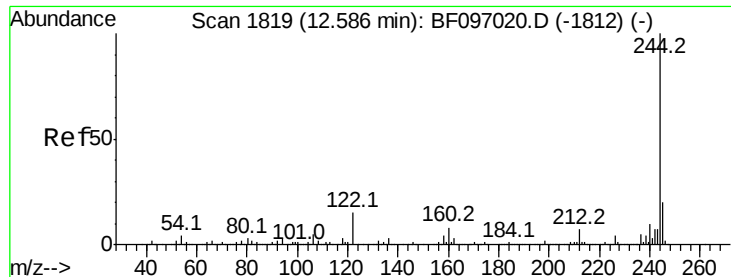


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 14.942 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

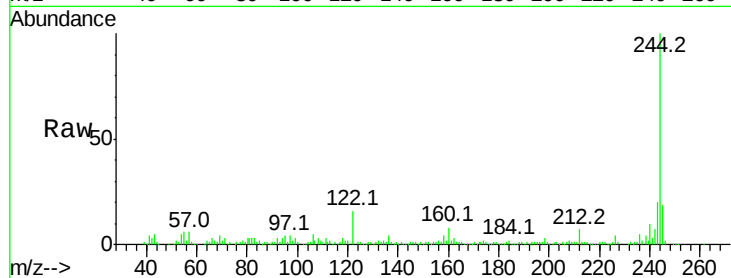
Tot Ion:244 Resp: 132822

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

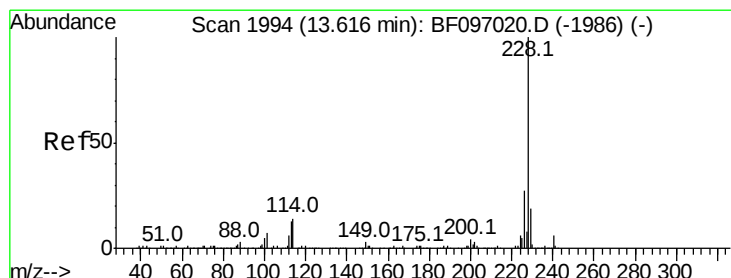
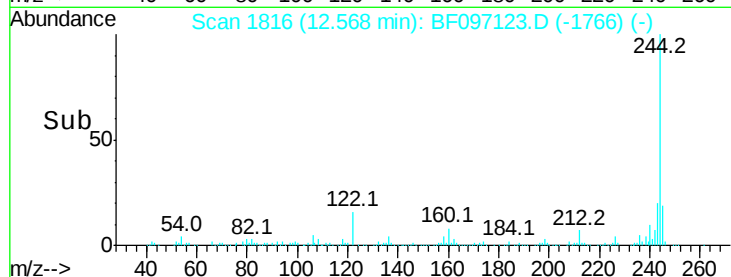
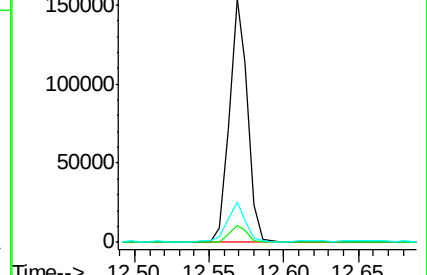
122 16.3 10.3 15.5#



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



#80

Benzo(a)anthracene

Concen: 2.439 ng

RT: 13.60 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

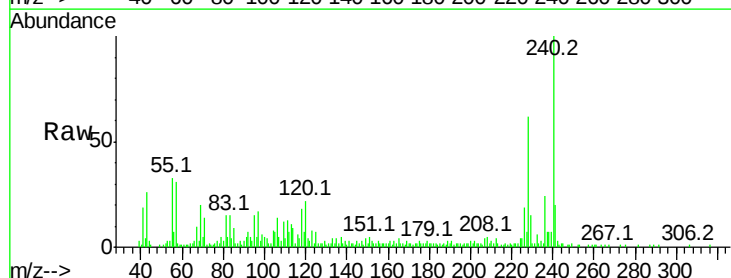
Tgt Ion:228 Resp: 28604

Ion Ratio Lower Upper

228 100

226 31.1 22.6 33.8

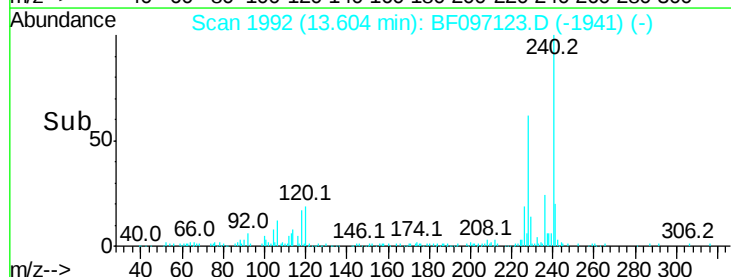
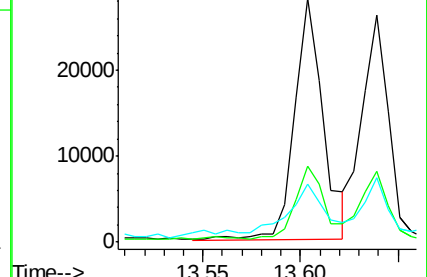
229 23.8 16.3 24.5

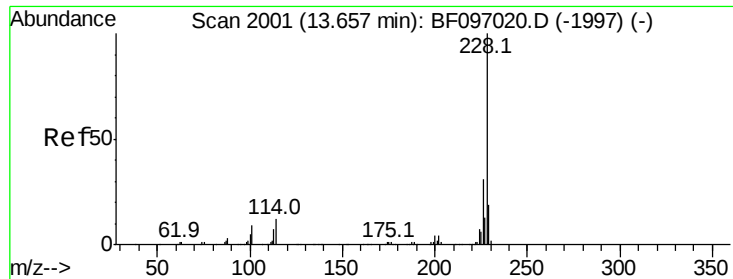


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.208 ng

RT: 13.64 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

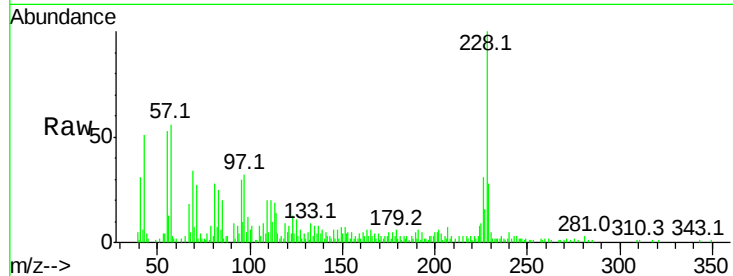
Tot Ion:228 Resp: 25287

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

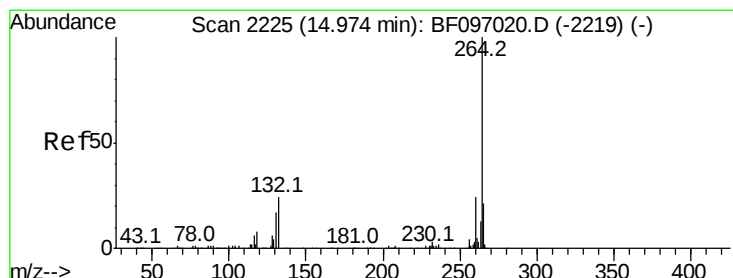
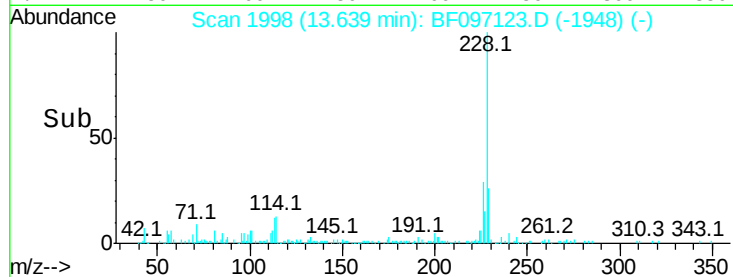
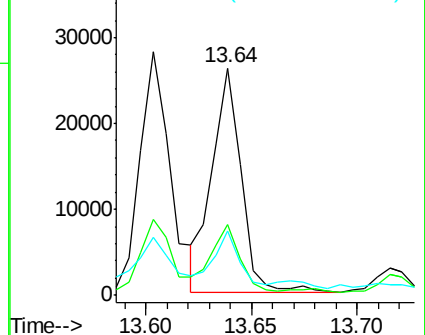
229 28.4 15.8 23.6#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.96 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

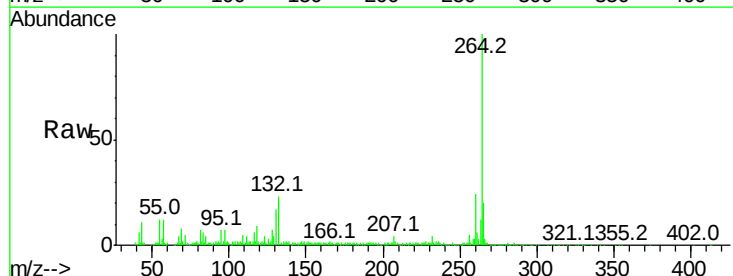
Tgt Ion:264 Resp: 156869

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

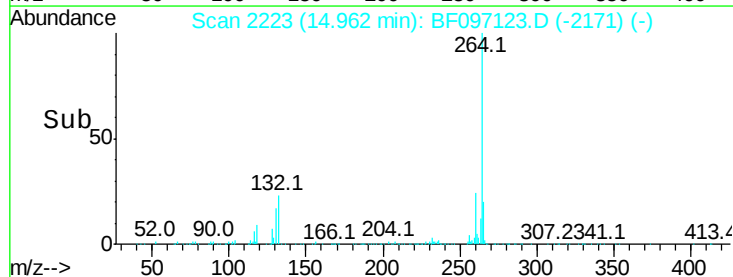
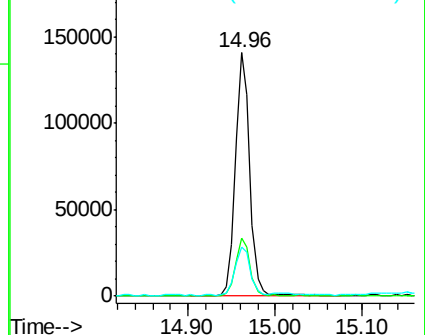
265 20.3 17.2 25.8

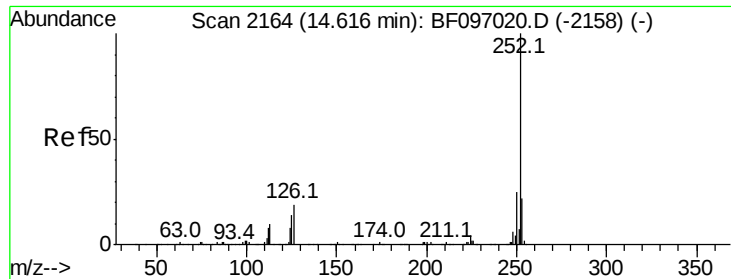


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.071 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

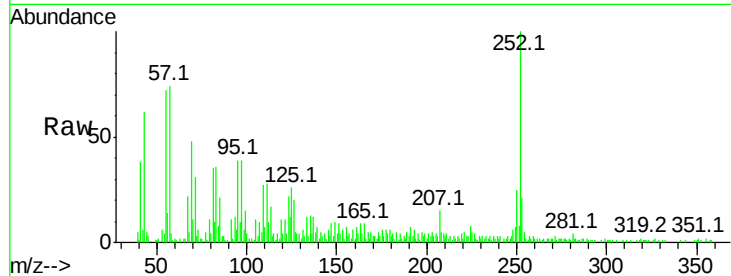
Tot Ion:252 Resp: 47821

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

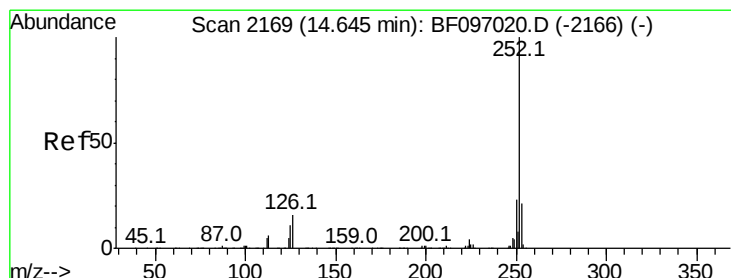
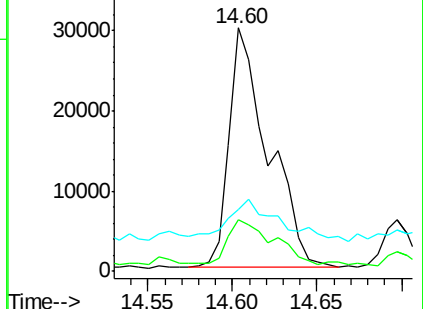
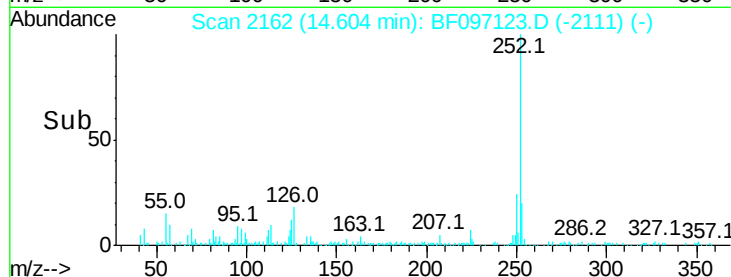
125 25.6 9.8 14.8#



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: 5.322 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

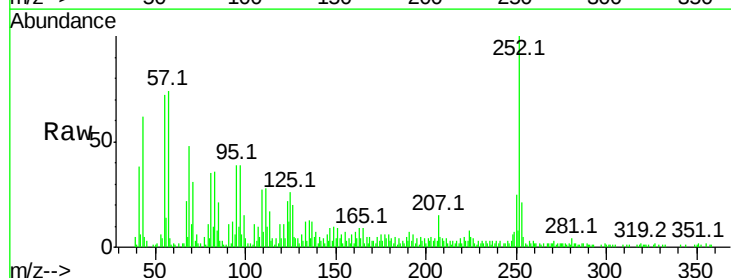
Tgt Ion:252 Resp: 47821

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

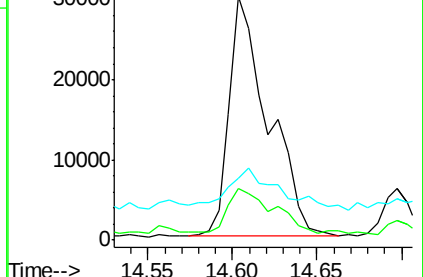
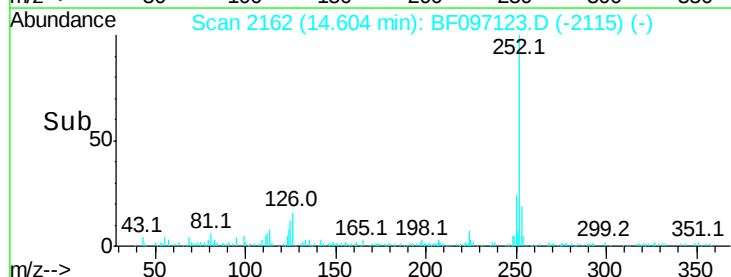
125 25.6 13.1 19.7#

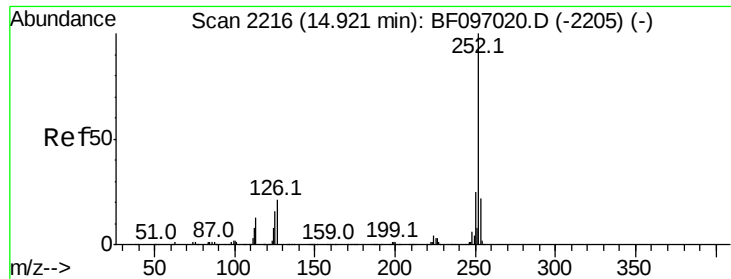


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.370 ng

RT: 14.91 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BF097123.D

Acq: 27 Jul 2017 15:33

Instrument :

BNA_F

ClientSampleId :

E2-N7-SSWDL

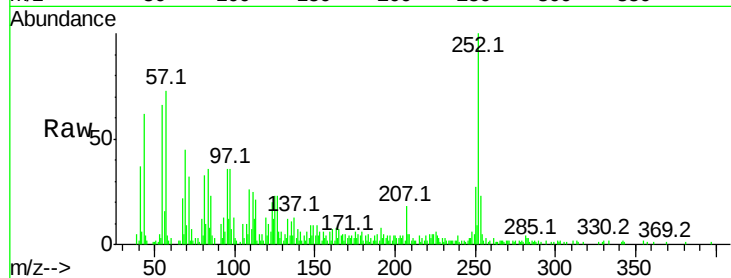
Tot Ion:252 Resp: 29085

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 23.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

