

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098568.D
 Acq On : 15 Sep 2017 14:38
 Operator : SJ/JU
 Sample : I5188-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-6-0-11

Quant Time: Sep 15 15:05:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 15 13:23:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	136749	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	544854	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	219686	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	331279	20.00	ng	0.00
75) Chrysene-d12	13.80	240	261037	20.00	ng	0.00
86) Perylene-d12	15.20	264	279804	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	988487	106.87	ng	0.02
7) Phenol-d6	6.31	99	1216600	103.60	ng	0.01
23) Nitrobenzene-d5	7.22	82	740310	75.75	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	157592	107.48	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1194487	92.16	ng	0.00
78) Terphenyl-d14	12.75	244	689486	57.01	ng	0.00

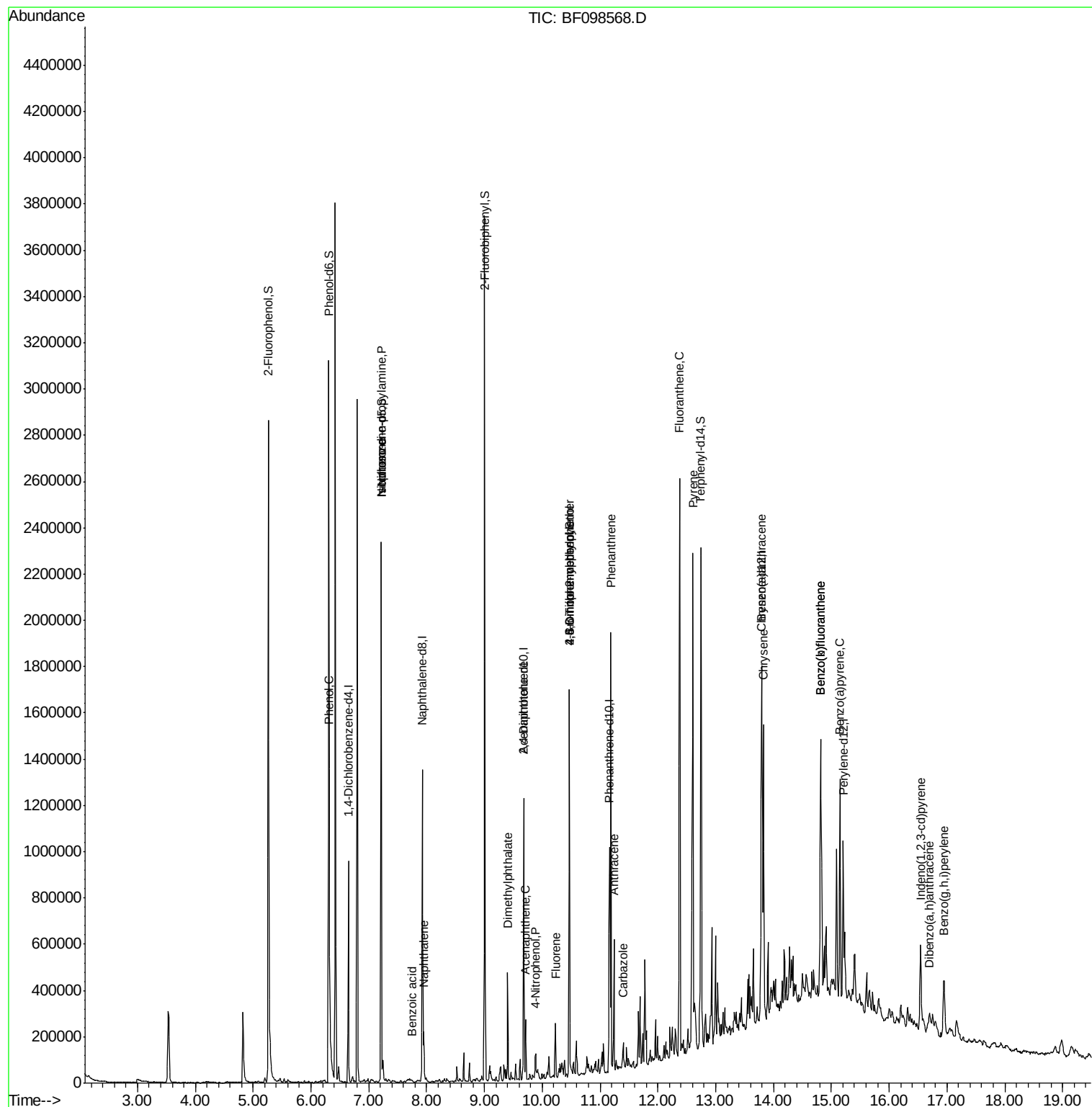
Target Compounds				Qvalue		
10) Phenol	6.32	94	33572	2.461	ng	# 78
19) n-Nitroso-di-n-propylamine	7.22	70	101816	13.784	ng	# 76
25) Isophorone	7.22	82	737754	37.310	ng	# 67
31) Naphthalene	7.95	128	88019	3.268	ng	# 97
32) Benzoic acid	7.75	122	247	8.005	ng	# 49
49) Dimethylphthalate	9.40	163	155029	9.116	ng	# 98
51) Acenaphthene	9.71	154	50691	3.819	ng	# 98
55) 4-Nitrophenol	9.89	139	13294	5.488	ng	# 31
56) 2,4-Dinitrotoluene	9.68	165	28929	6.812	ng	# 34
57) Fluorene	10.23	166	64662	4.468	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.47	198	457	5.166	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	12098	3.848	ng	# 1
70) Phenanthrene	11.19	178	657820	37.457	ng	# 99
71) Anthracene	11.24	178	209959	11.644	ng	# 99
72) Carbazole	11.40	167	37247	2.217	ng	# 99
74) Fluoranthene	12.38	202	1036857	58.976	ng	# 96
77) Pyrene	12.60	202	888822	43.163	ng	# 99
80) Benzo(a)anthracene	13.79	228	544709	35.592	ng	# 100
82) Chrysene	13.83	228	425156	27.483	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.54	276	190652	17.566	ng	# 90
87) Benzo(b)fluoranthene	14.82	252	789383	44.868	ng	# 98
88) Benzo(k)fluoranthene	14.82	252	789383	48.062	ng	# 97
89) Benzo(a)pyrene	15.15	252	413279	26.368	ng	# 99
90) Dibenzo(a,h)anthracene	16.70	278	42244	3.705	ng	# 93
91) Benzo(g,h,i)perylene	16.95	276	179234	15.629	ng	# 94

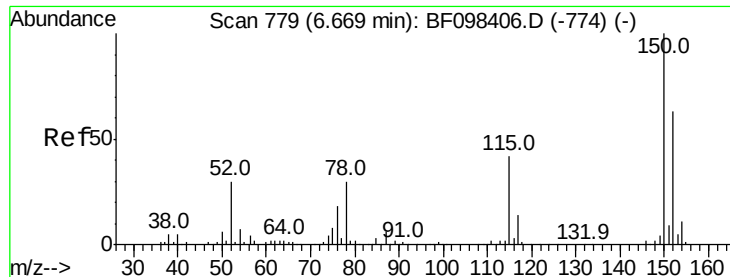
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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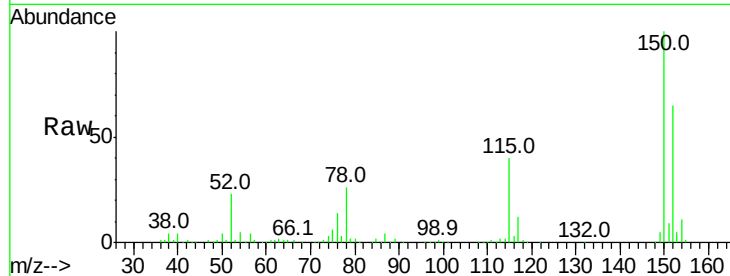


#1

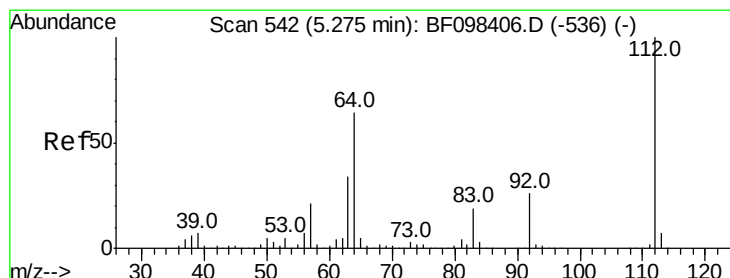
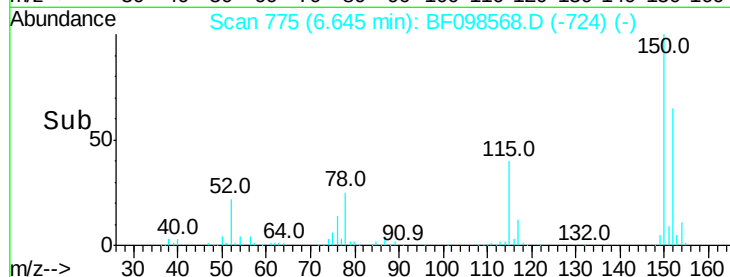
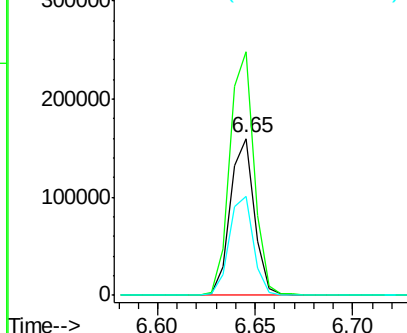
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 RL-6-0-11

Tot Ion:152 Resp: 136749
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.2 189.2
 115 62.7 52.2 78.2



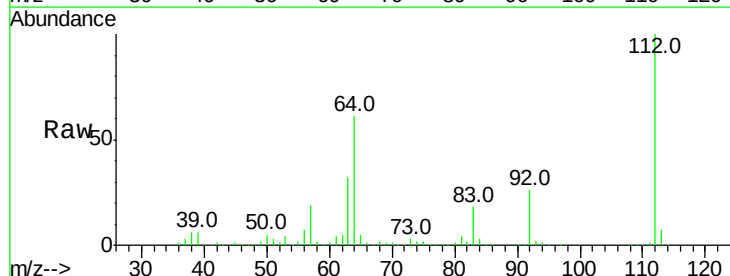
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



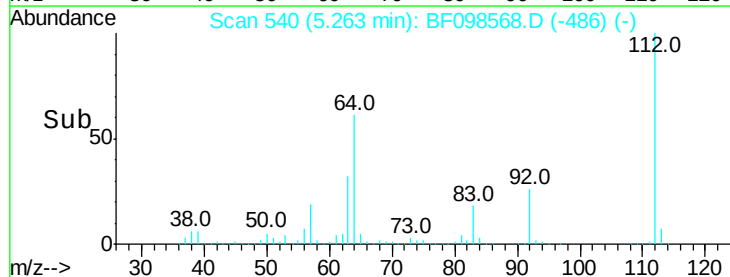
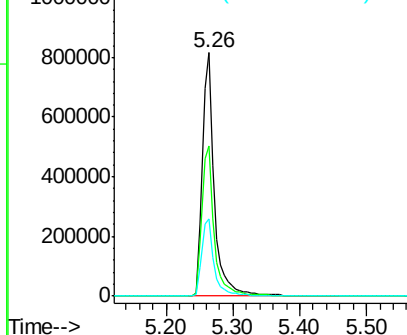
#5

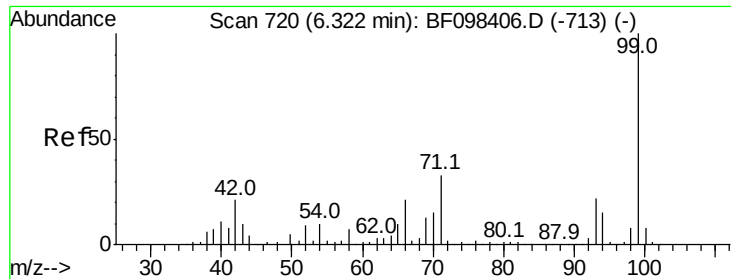
2-Fluorophenol
 Concen: 106.875 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.02 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Tgt Ion:112 Resp: 988487
 Ion Ratio Lower Upper
 112 100
 64 61.4 46.0 69.0
 63 32.0 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





#7

Phenol-d6

Concen: 103.601 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

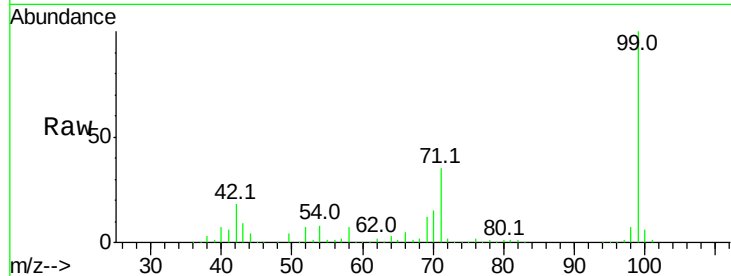
BNA_F

ClientSampled :

RL-6-0-11

Tot Ion: 99 Resp: 1216600

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	34.8	24.5	36.7

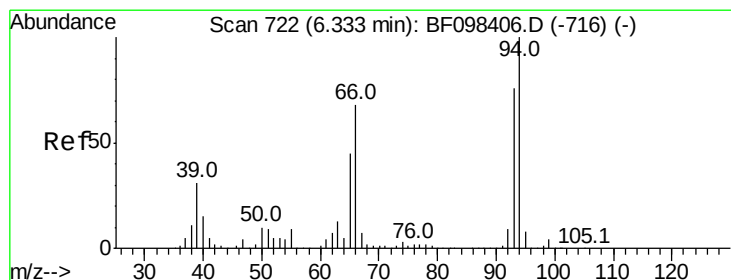
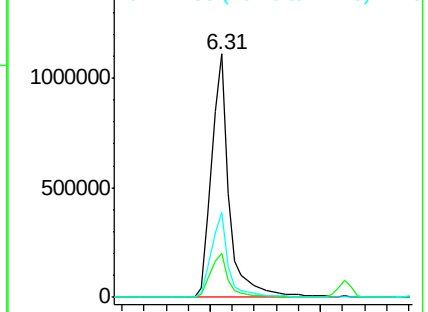
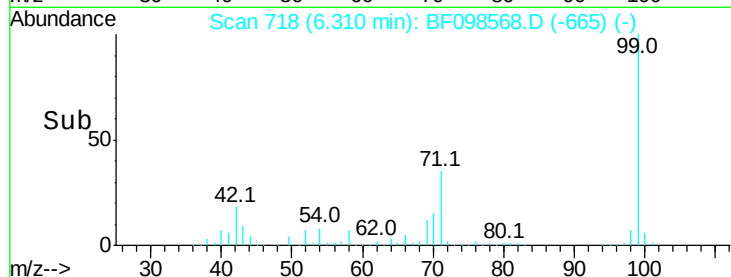


Abundance

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



#10

Phenol

Concen: 2.461 ng

RT: 6.32 min Scan# 720

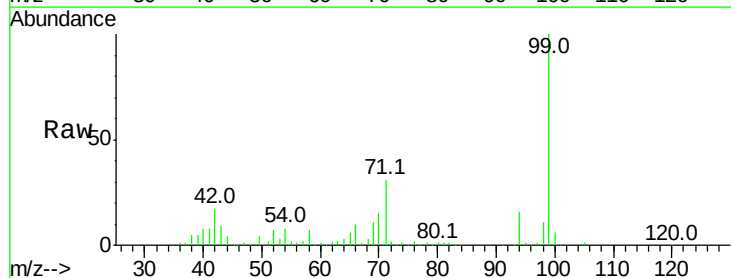
Delta R.T. 0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Tgt Ion: 94 Resp: 33572

Ion	Ratio	Lower	Upper
94	100		
65	34.5	9.9	49.9
66	63.3	23.1	63.1#

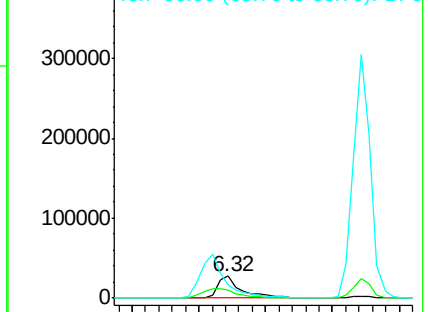
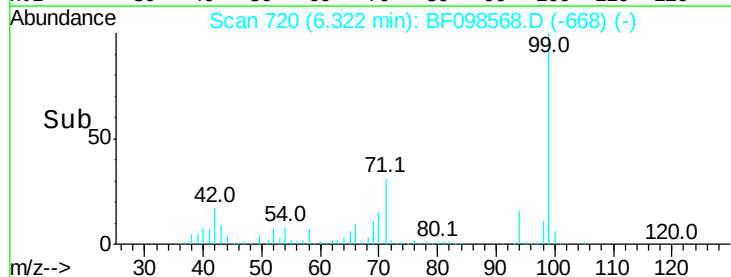


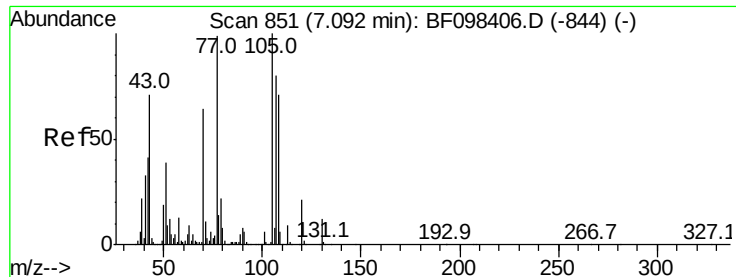
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.784 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

BNA_F

ClientSampleId :

RL-6-0-11

Tot Ion: 70 Resp: 101816

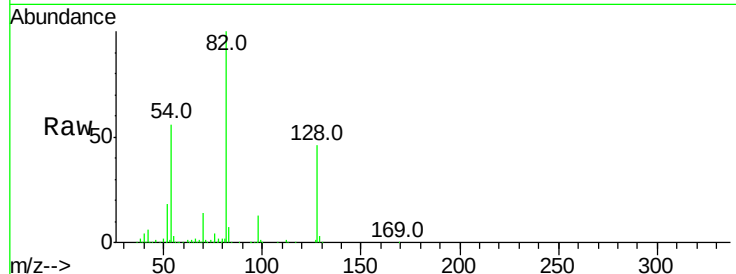
Ion Ratio Lower Upper

70 100

42 44.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

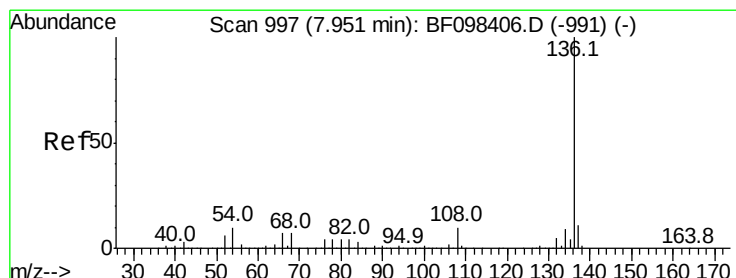
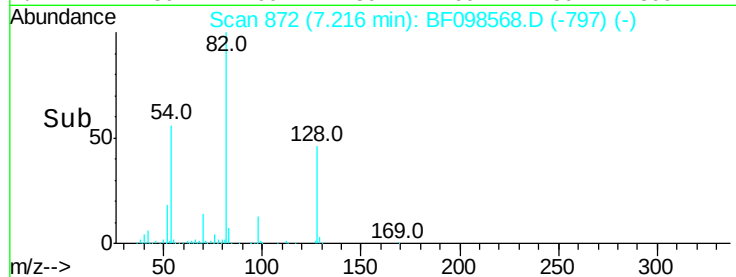
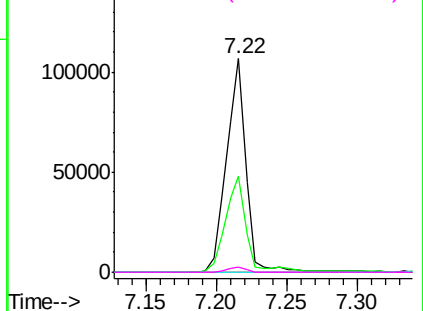


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Tgt Ion: 136 Resp: 544854

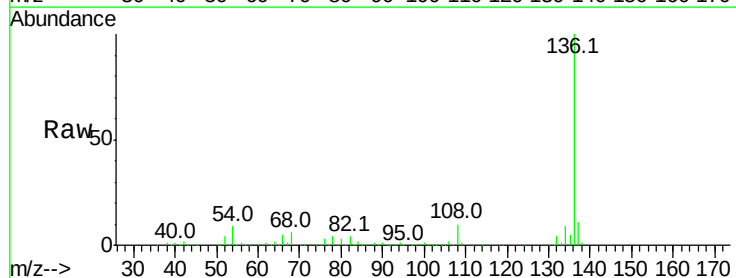
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.2 4.9 7.3#

68 5.6 4.1 6.1

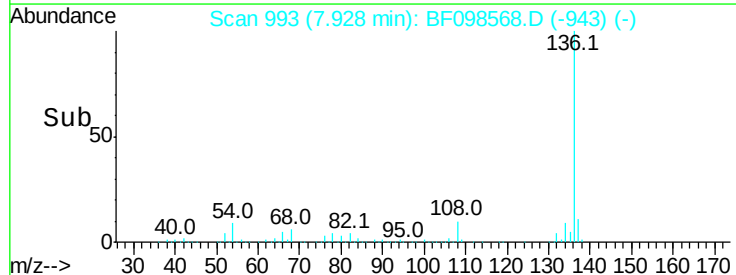
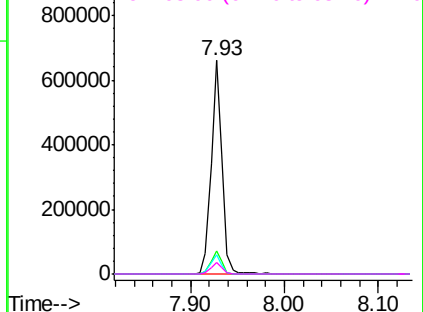


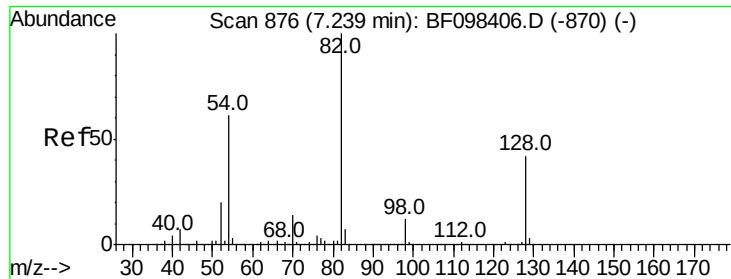
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

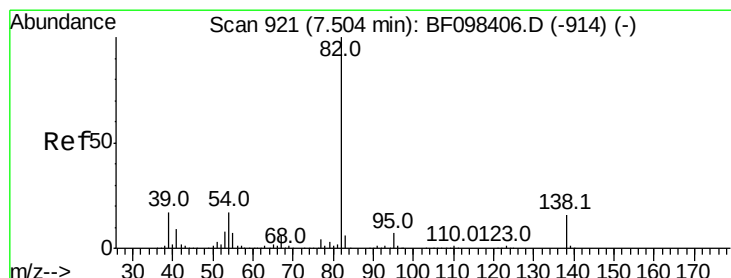
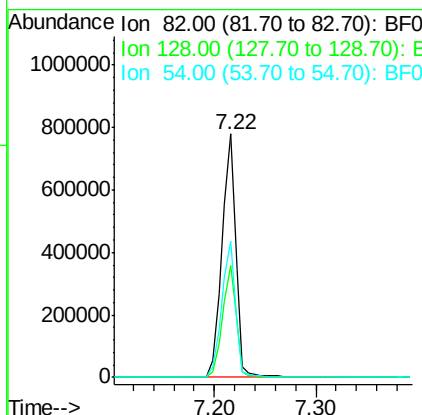
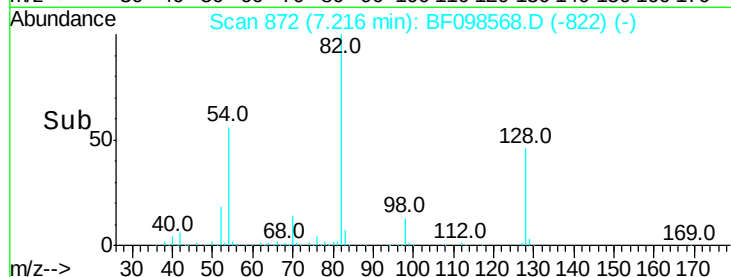
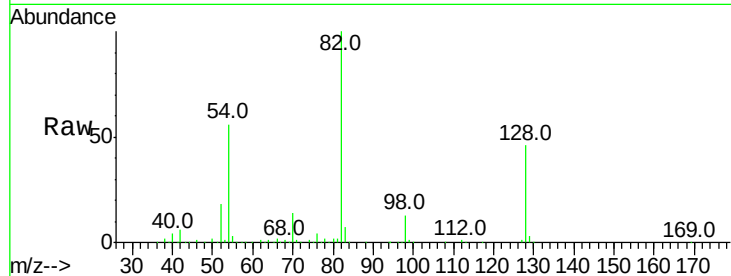




#23
Nitrobenzene-d5
Concen: 75.749 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

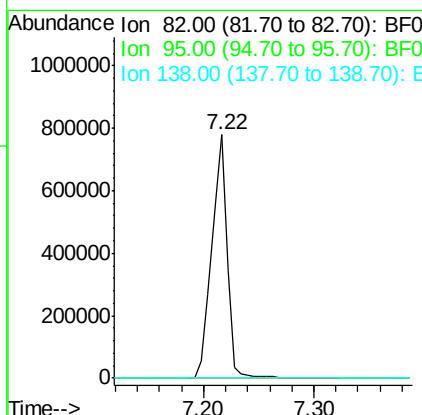
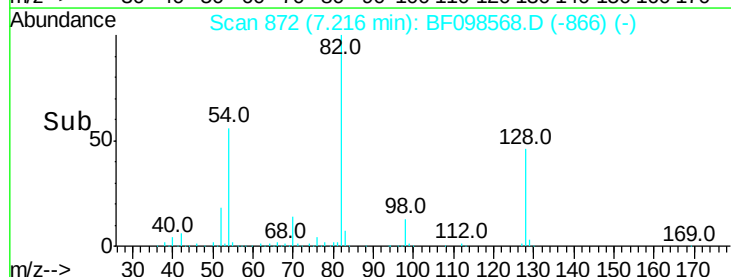
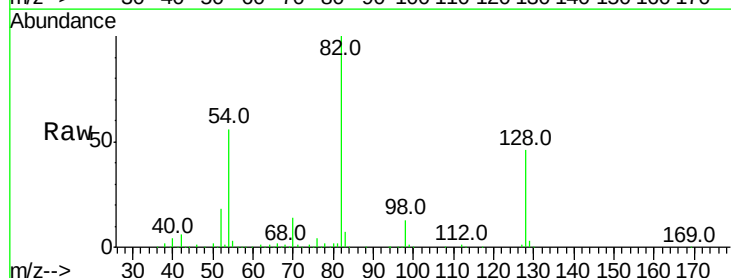
Instrument :
BNA_F
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RL-6-0-11

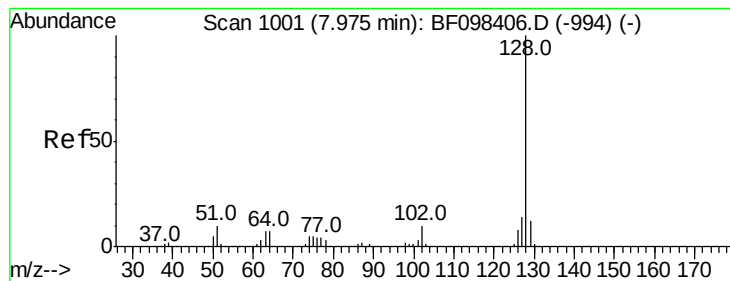
Tot Ion: 82 Resp: 740310
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 56.0 42.2 63.2



#25
Isophorone
Concen: 37.310 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.26 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion: 82 Resp: 737754
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#31

Naphthalene

Concen: 3.268 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

BNA_F

ClientSampleId :

RL-6-0-11

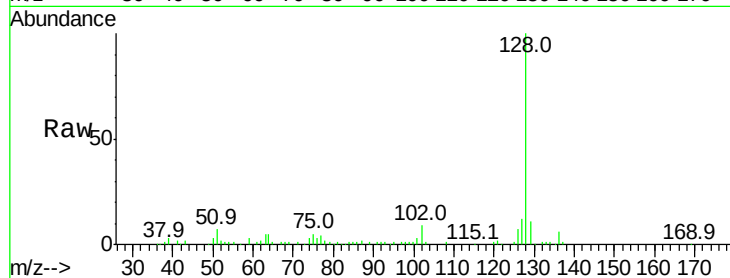
Tot Ion:128 Resp: 88019

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

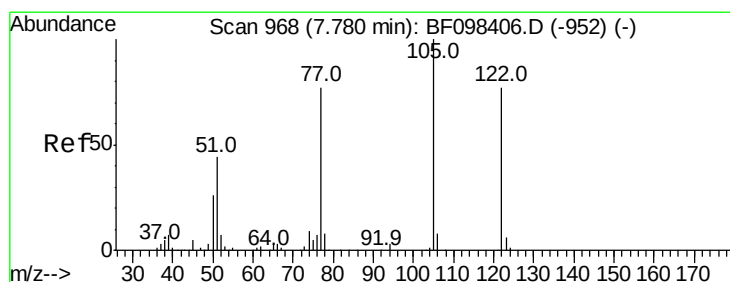
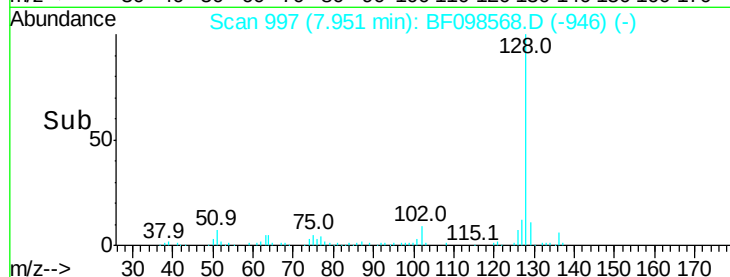
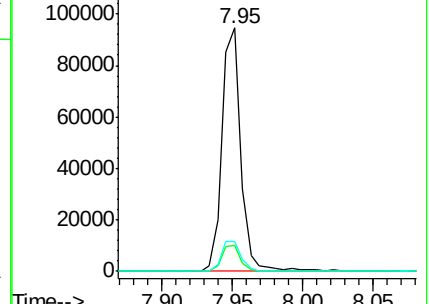
127 12.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.005 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

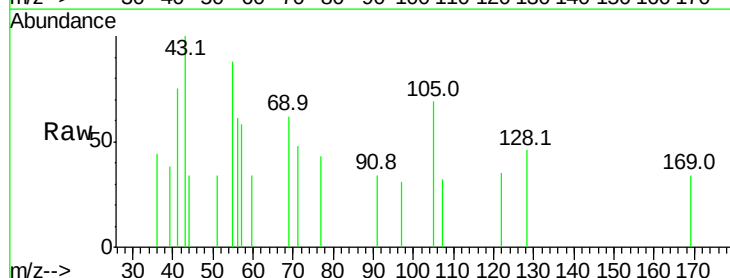
Tgt Ion:122 Resp: 247

Ion Ratio Lower Upper

122 100

105 197.9 103.3 143.3#

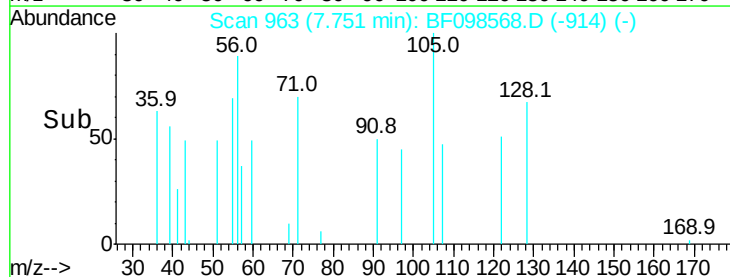
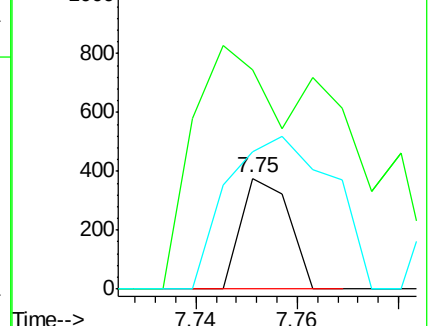
77 124.2 73.7 113.7#

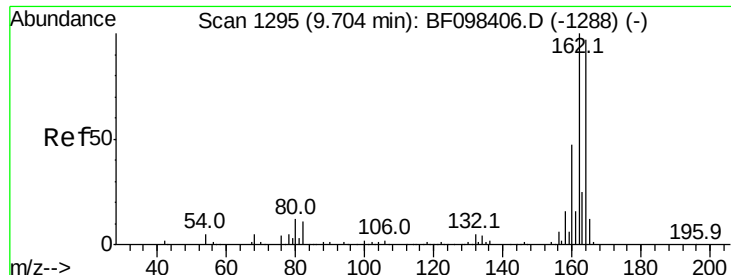


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

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RL-6-0-11

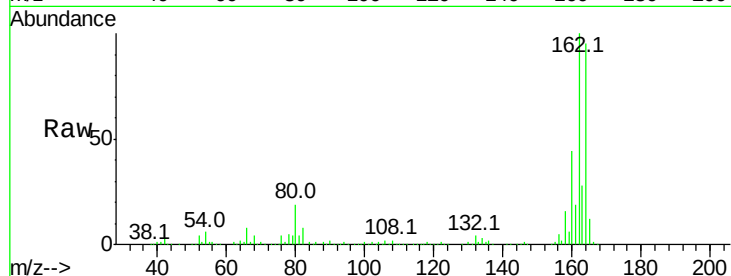
Tot Ion:164 Resp: 219686

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

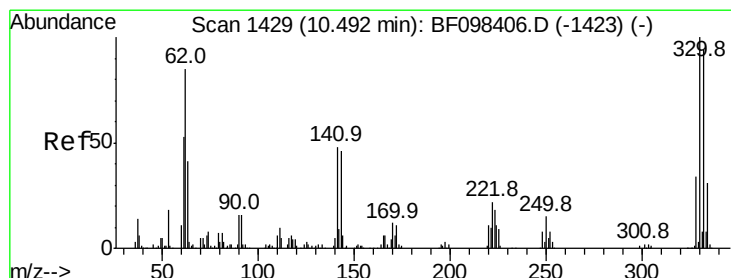
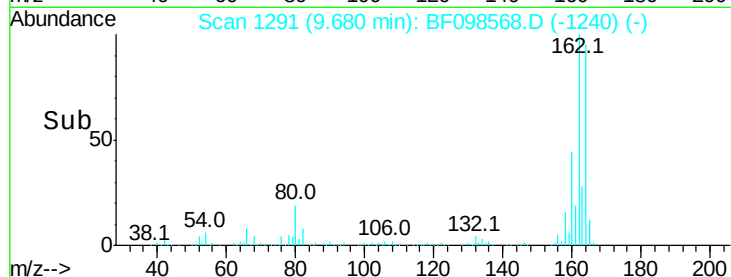
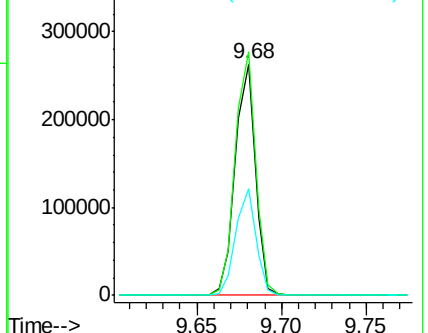
160 45.9 36.2 54.2



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: 107.481 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

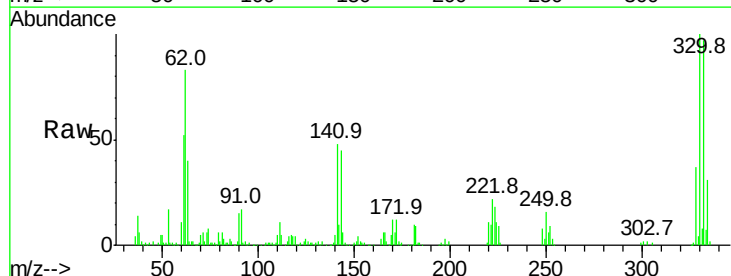
Tgt Ion:330 Resp: 157592

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

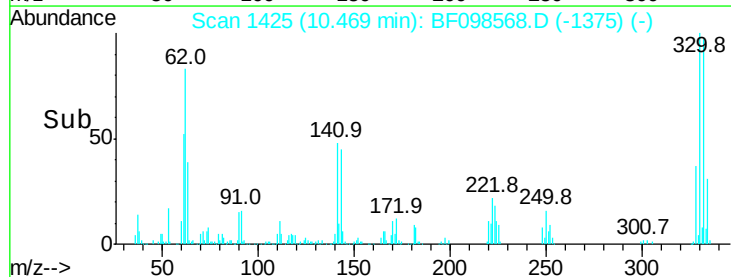
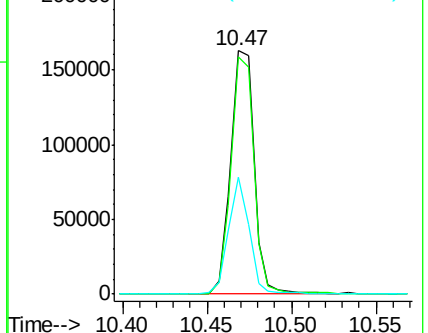
141 42.9 31.4 47.2

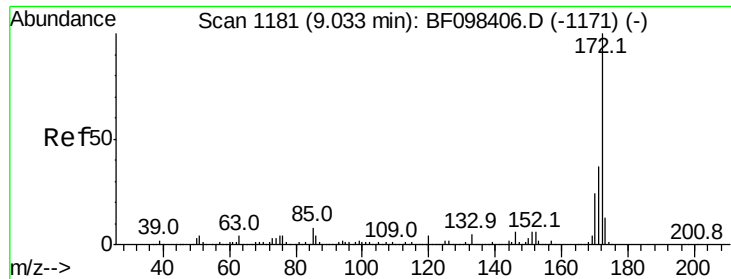


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.157 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

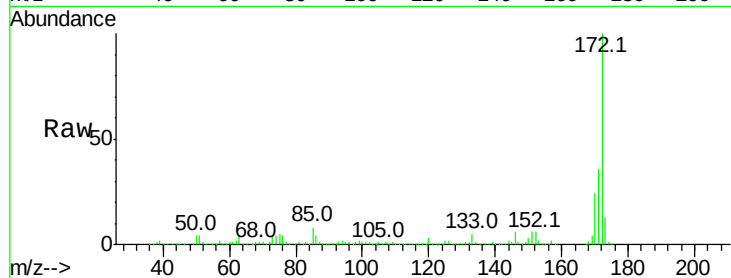
BNA_F

ClientSampleId :

RL-6-0-11

Tot Ion:172 Resp: 1194487

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8

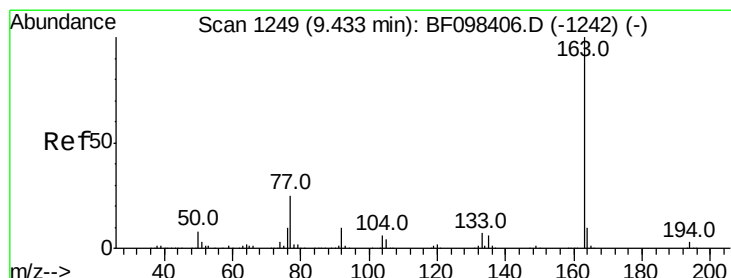
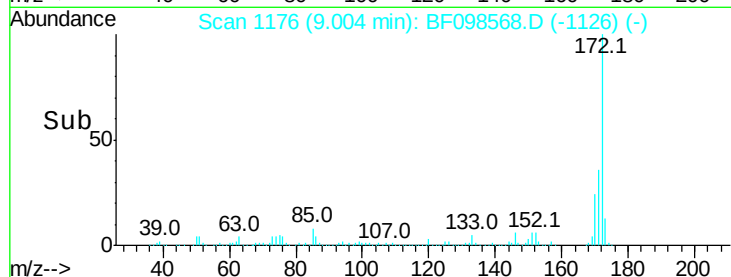
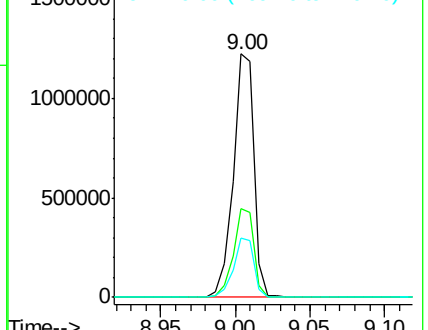


Abundance

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



#49

Dimethylphthalate

Concen: 9.116 ng

RT: 9.40 min Scan# 1244

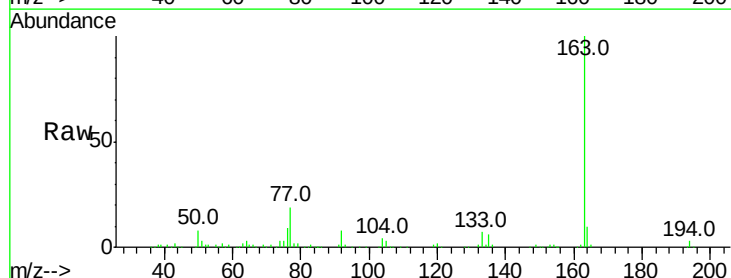
Delta R.T. -0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Tgt Ion:163 Resp: 155029

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6

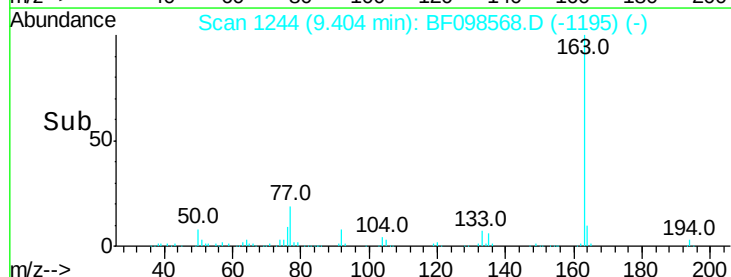
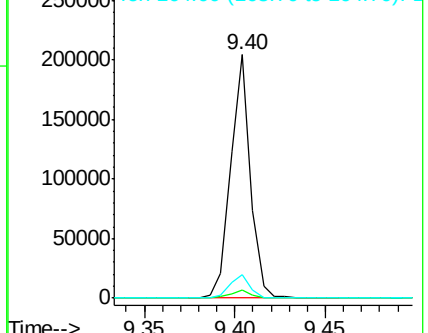


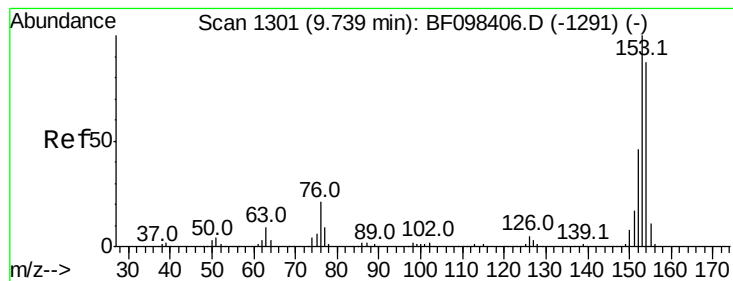
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.819 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

BNA_F

ClientSampleId :

RL-6-0-11

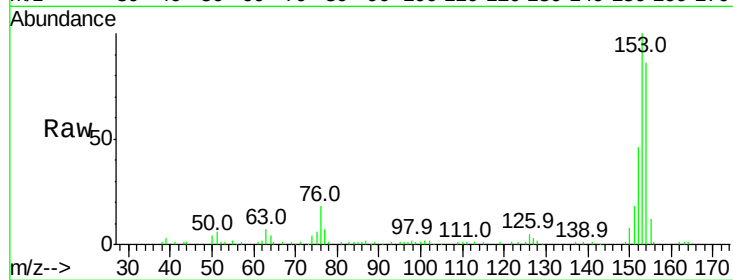
Tot Ion:154 Resp: 50691

Ion Ratio Lower Upper

154 100

153 116.3 90.5 135.7

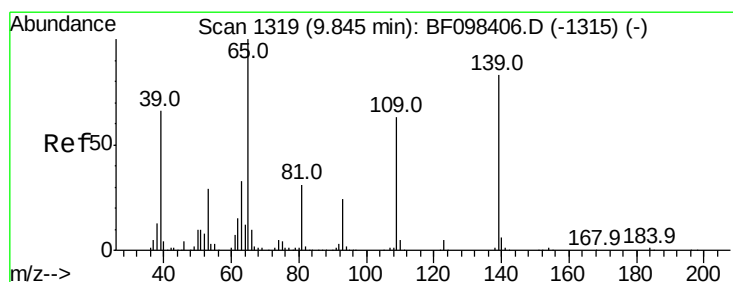
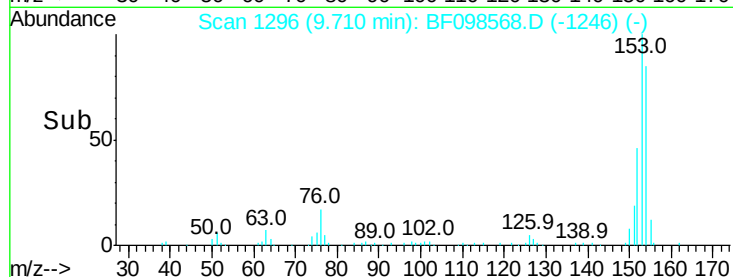
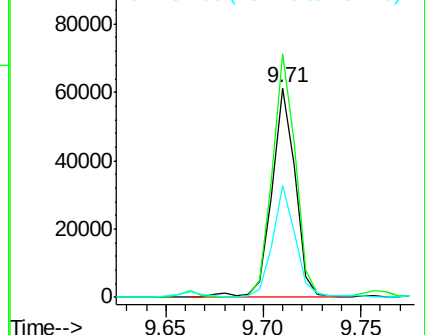
152 53.5 43.6 65.4



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



#55

4-Nitrophenol

Concen: 5.488 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.05 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

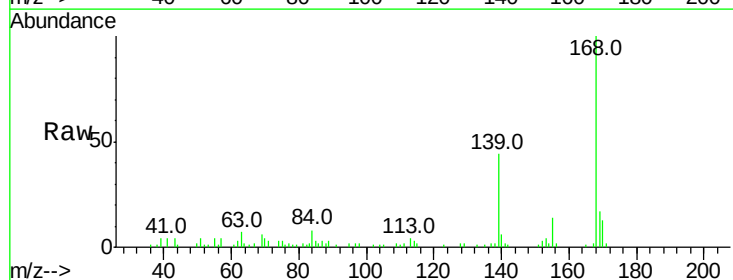
Tgt Ion:139 Resp: 13294

Ion Ratio Lower Upper

139 100

109 4.9 34.1 74.1#

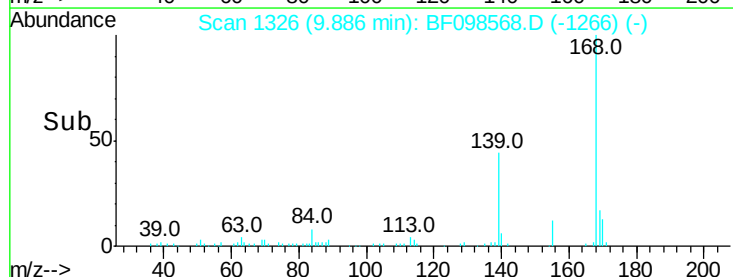
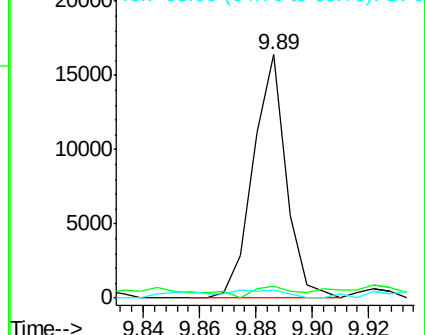
65 3.1 31.4 71.4#

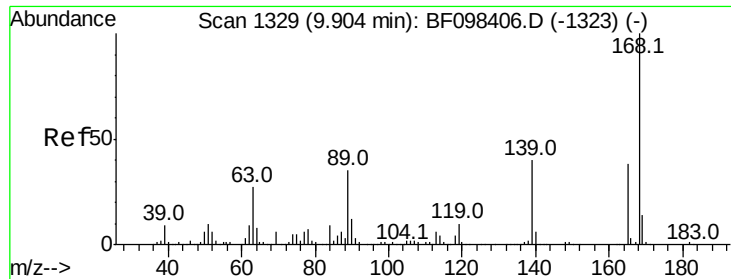


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

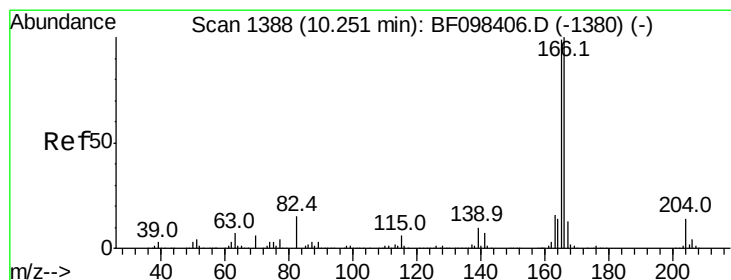
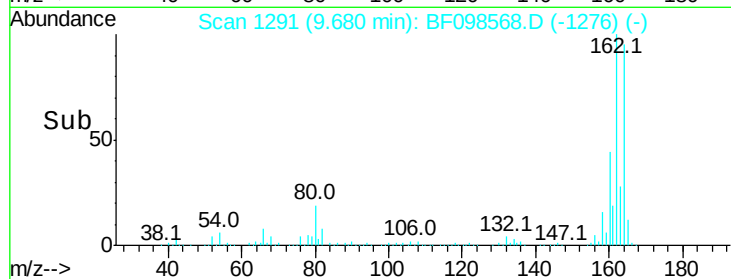
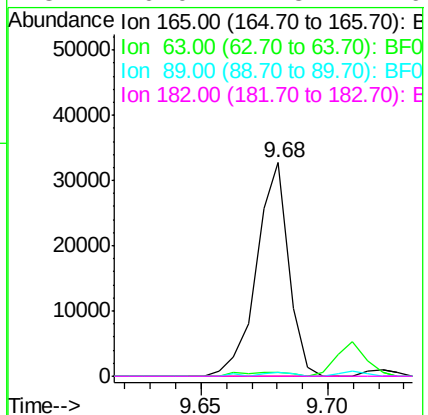
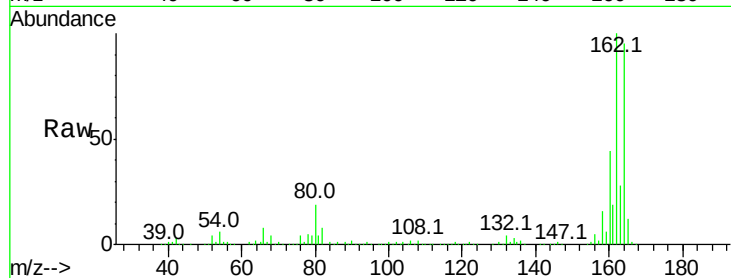




#56
 2,4-Dinitrotoluene
 Concen: 6.812 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.21 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

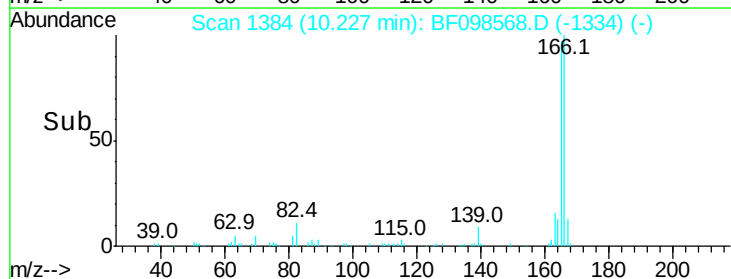
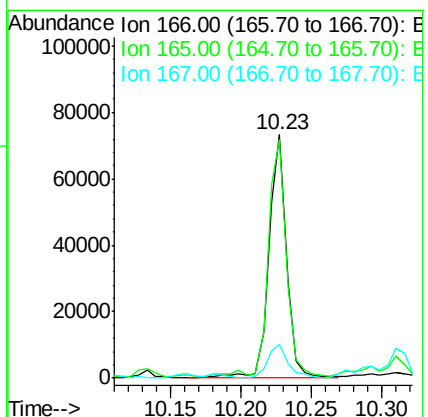
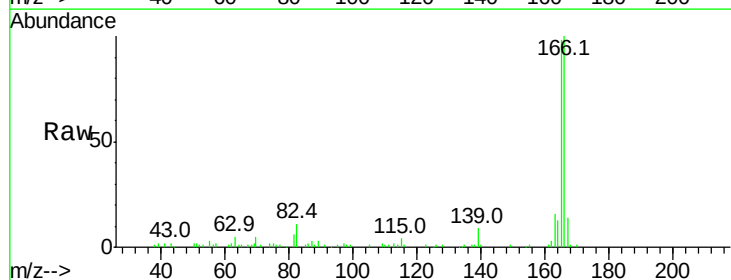
Instrument :
 BNA_F
 ClientSampleId :
 RL-6-0-11

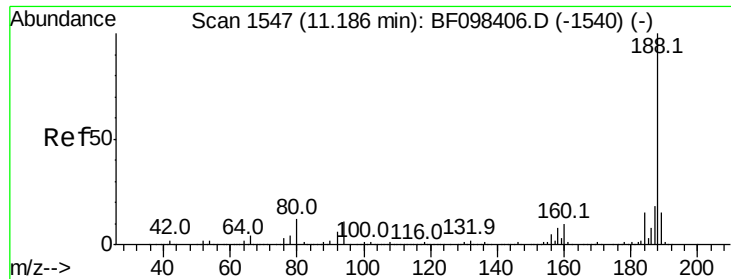
Tot Ion:	165	Resp:	28929
Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



#57
 Fluorene
 Concen: 4.468 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Tgt Ion:	166	Resp:	64662
Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.9	10.6	16.0

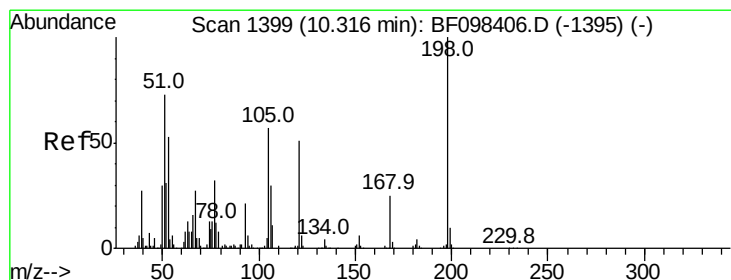
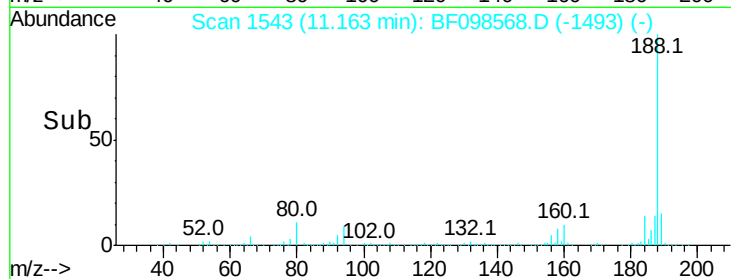
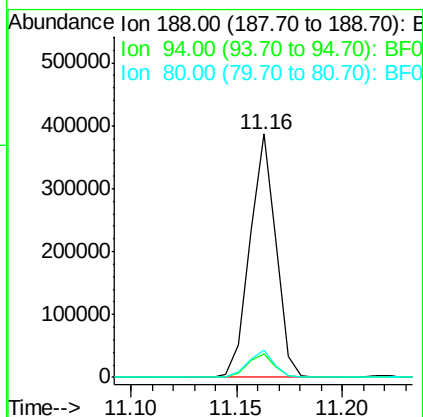
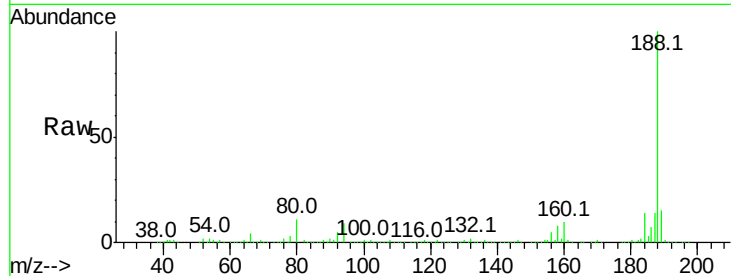




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

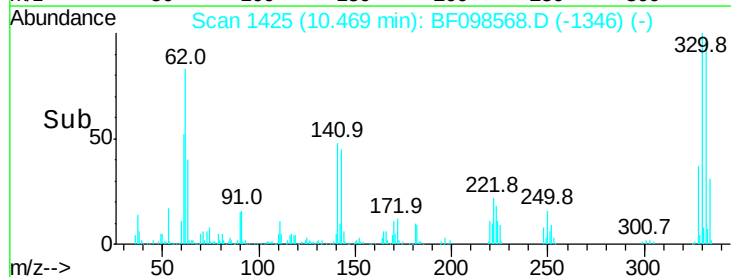
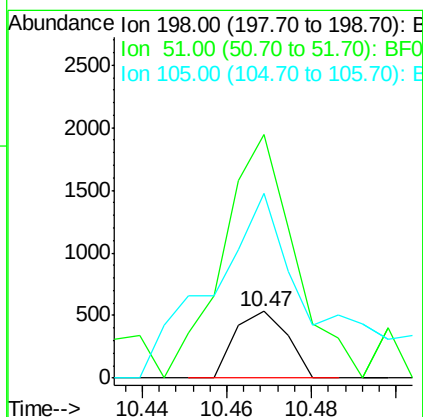
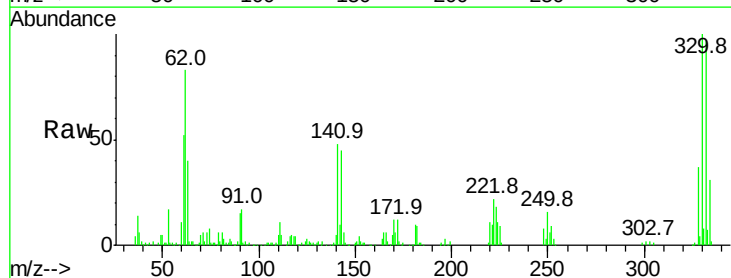
Instrument :
 BNA_F
 ClientSampleId :
 RL-6-0-11

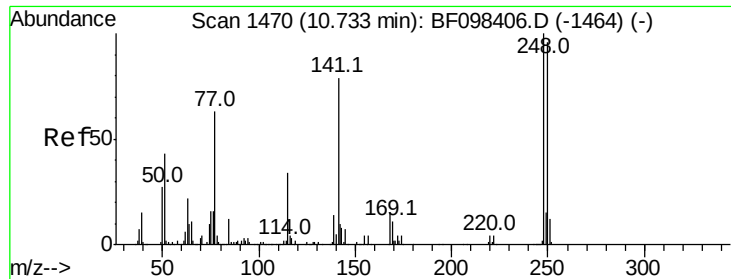
Tot Ion:188 Resp: 331279
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.4 14.2
 80 11.0 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.166 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.16 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Tgt Ion:198 Resp: 457
 Ion Ratio Lower Upper
 198 100
 51 365.4 53.2 93.2#
 105 278.0 45.8 85.8#

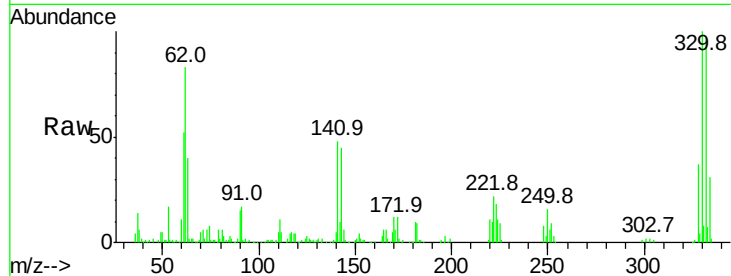




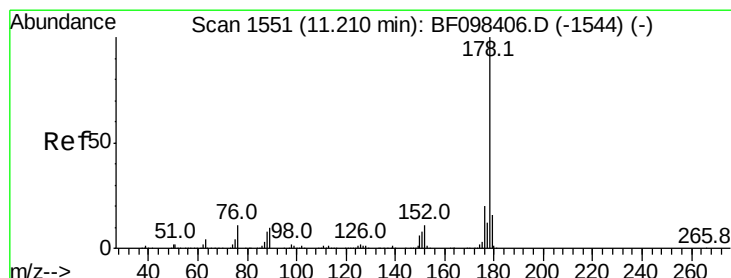
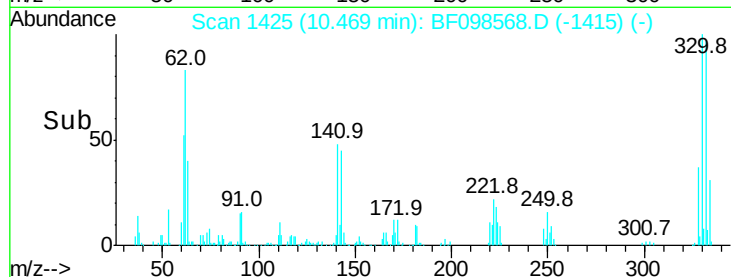
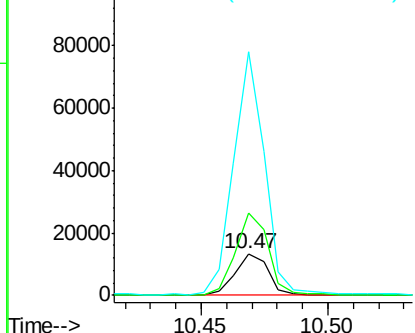
#66
 4-Bromophenyl-phenylether
 Concen: 3.848 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.24 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Instrument :
 BNA_F
 ClientSampled :
 RL-6-0-11

Tot Ion:248 Resp: 12098
 Ion Ratio Lower Upper
 248 100
 250 197.4 76.8 115.2#
 141 585.1 68.6 103.0#

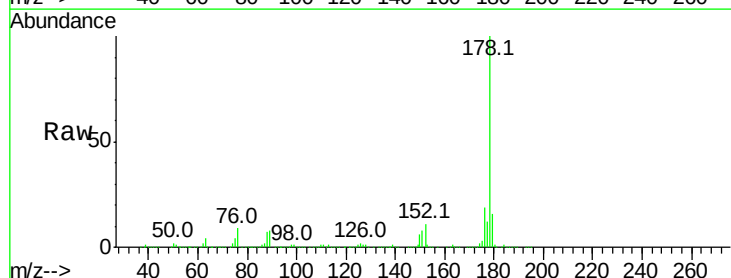


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

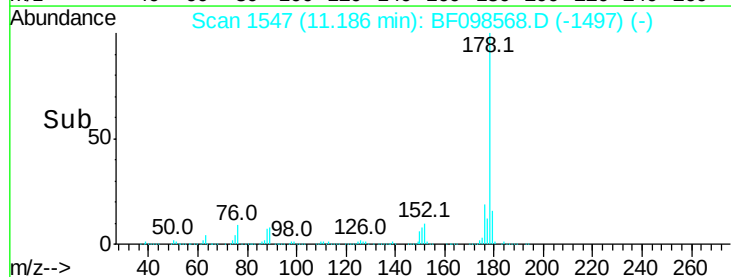
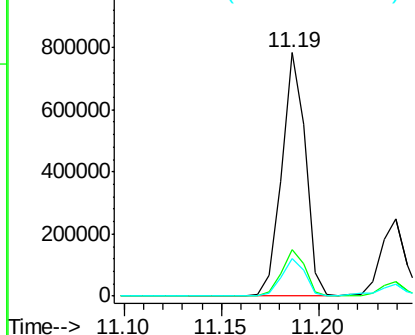


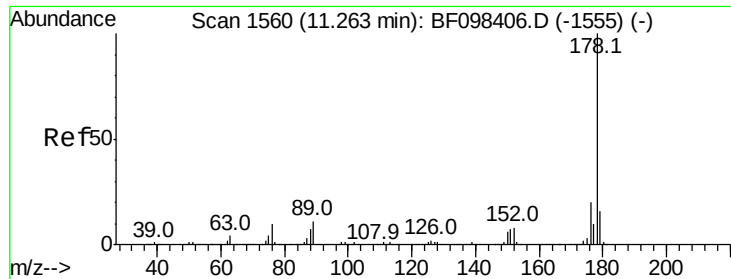
#70
 Phenanthrene
 Concen: 37.457 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Tgt Ion:178 Resp: 657820
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.6 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

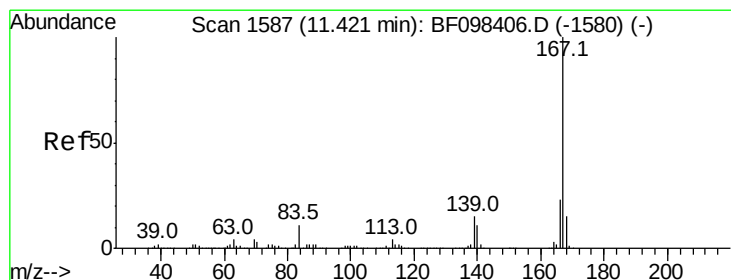
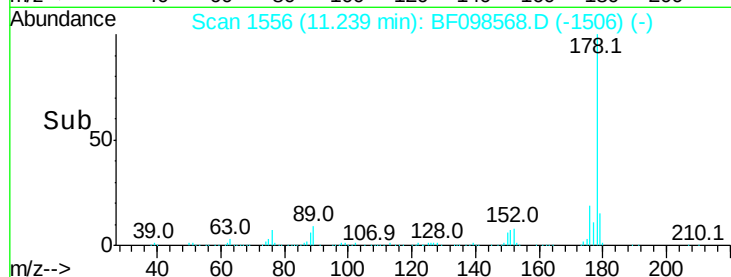
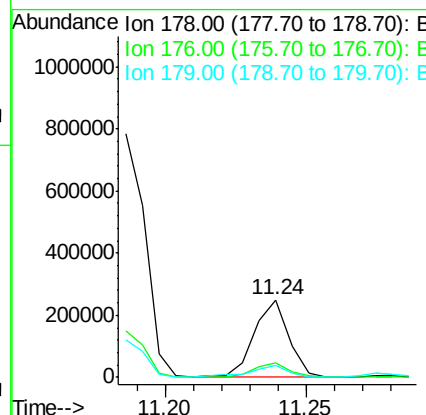
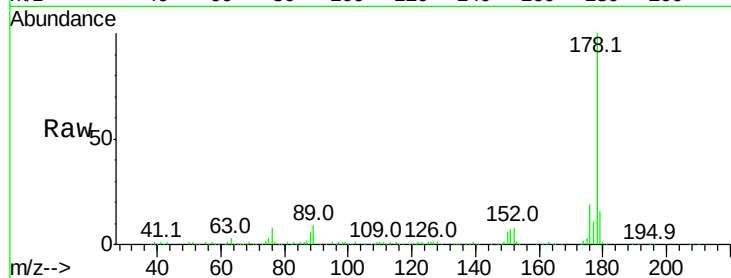




#71
 Anthracene
 Concen: 11.644 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

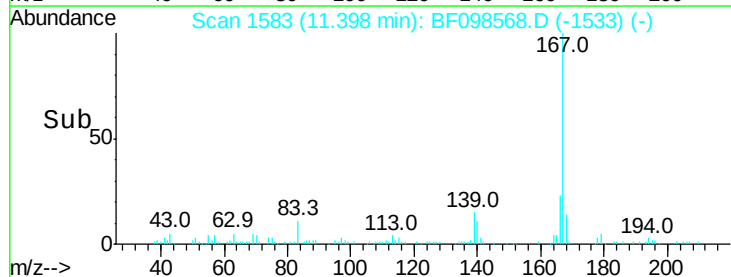
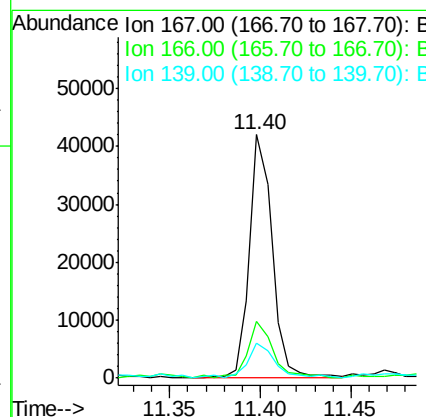
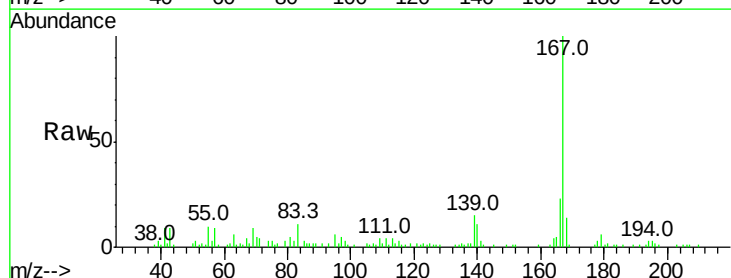
Instrument :
 BNA_F
 ClientSampleId :
 RL-6-0-11

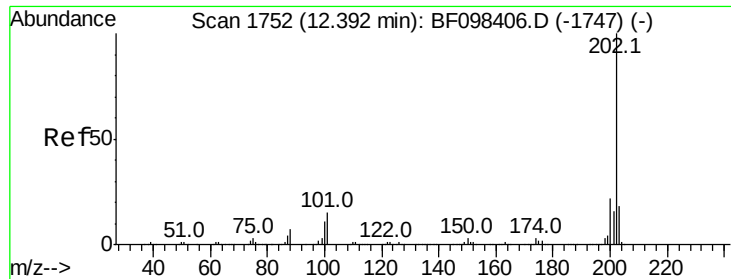
Tot Ion:178 Resp: 209959
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 2.217 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Tgt Ion:167 Resp: 37247
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.1 27.1
 139 14.6 11.7 17.5





#74

Fluoranthene

Concen: 58.976 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

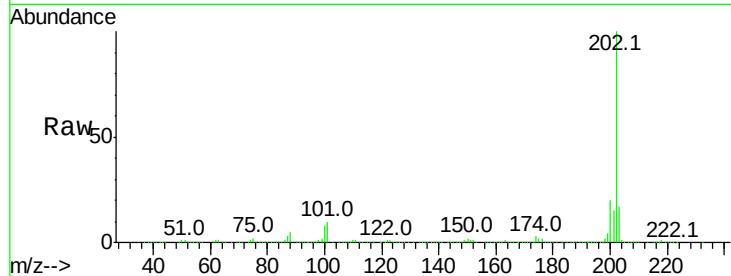
BNA_F

ClientSampled :

RL-6-0-11

Tot Ion:202 Resp: 1036857

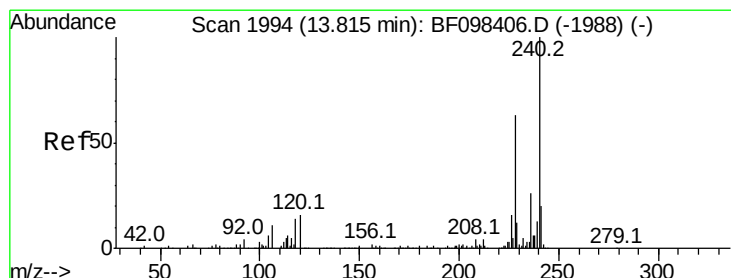
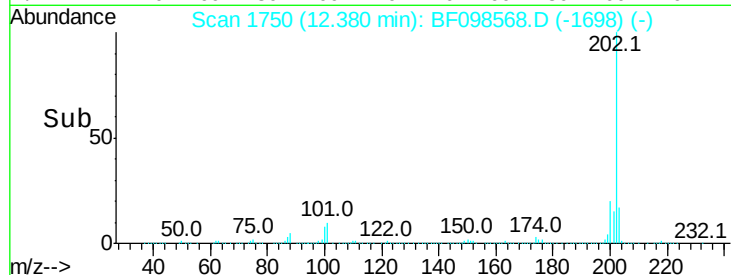
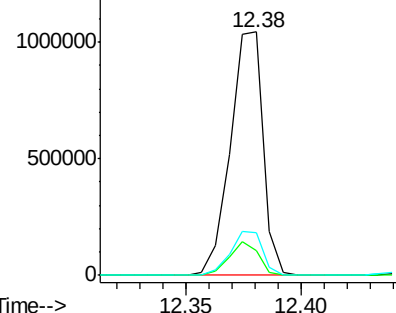
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.2
203	17.4	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

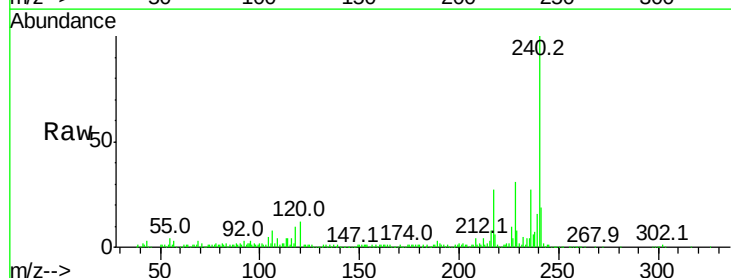
Delta R.T. 0.00 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Tgt Ion:240 Resp: 261037

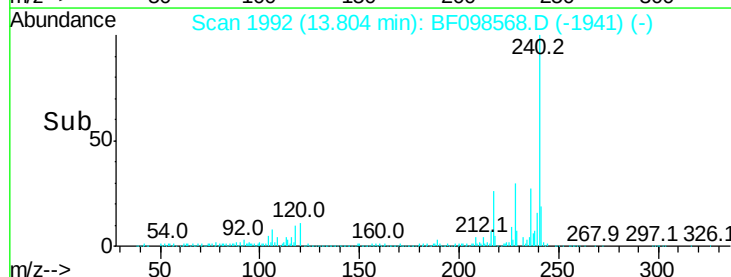
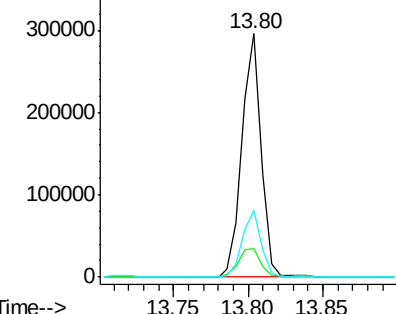
Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	27.3	20.5	30.7

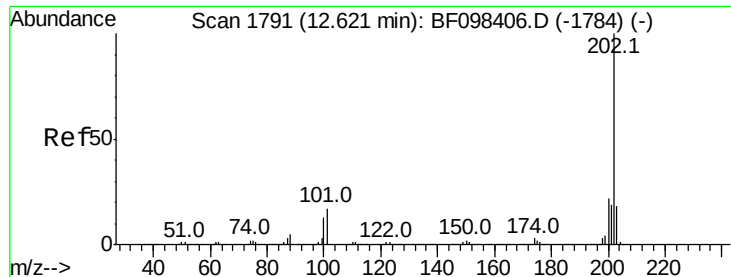


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 43.163 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

BNA_F

ClientSampleId :

RL-6-0-11

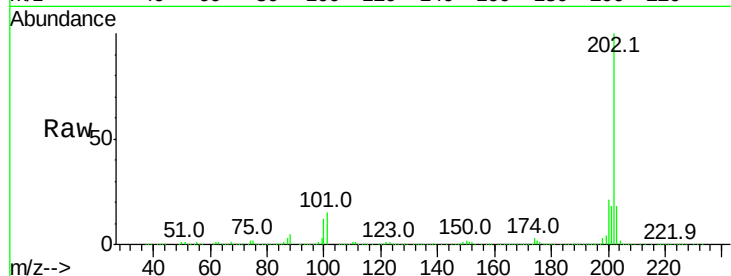
Tot Ion:202 Resp: 888822

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

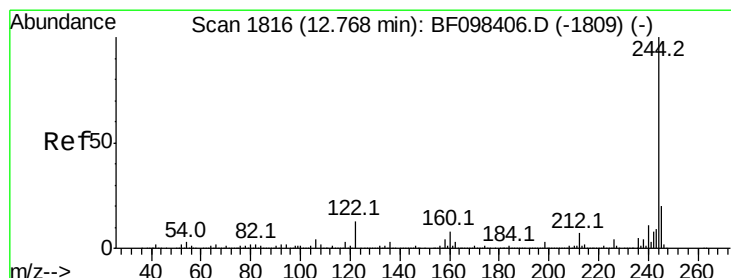
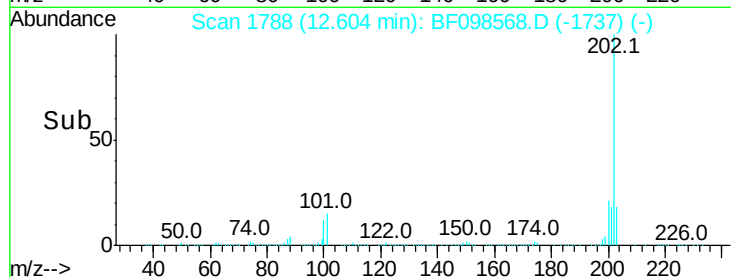
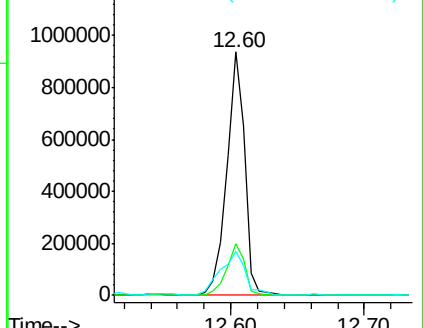
203 18.1 14.4 21.6



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: 57.012 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

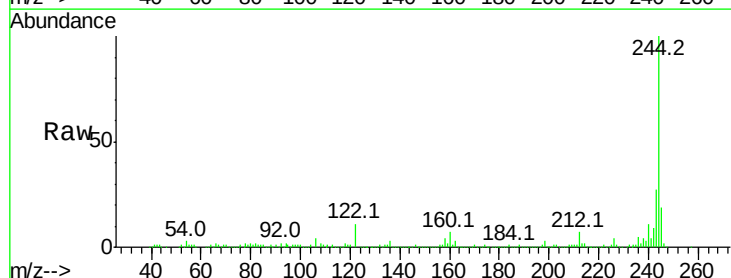
Tgt Ion:244 Resp: 689486

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

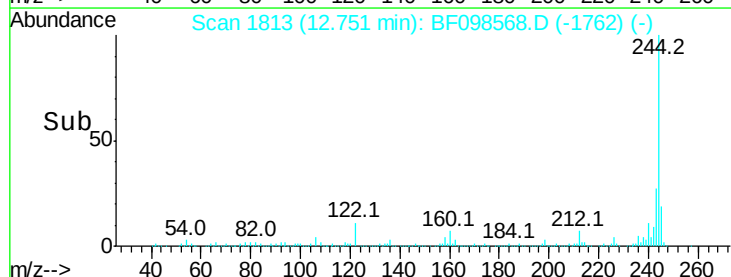
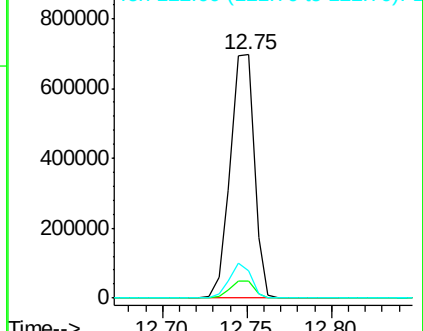
122 11.3 10.3 15.5

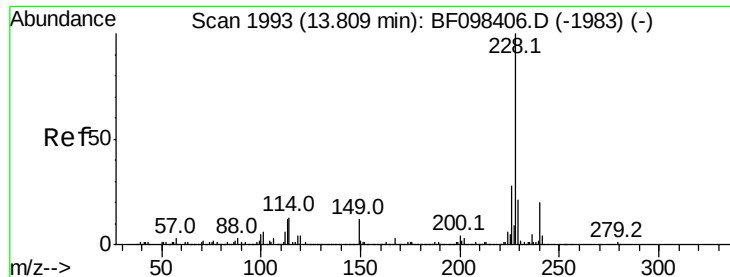


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 35.592 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

BNA_F

ClientSampleId :

RL-6-0-11

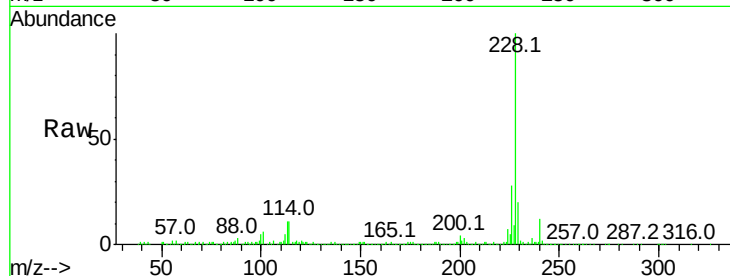
Tot Ion:228 Resp: 544709

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

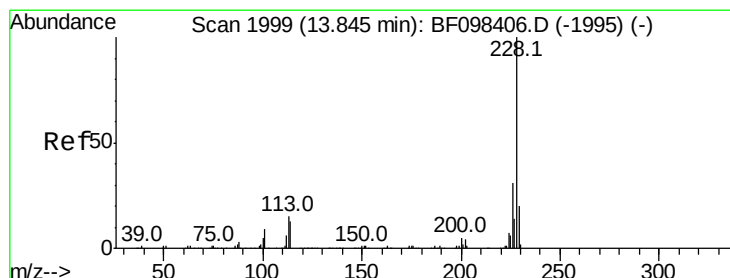
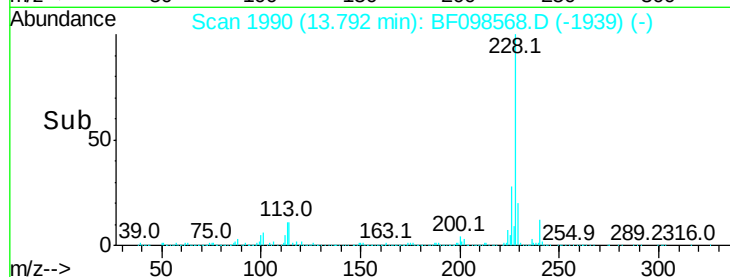
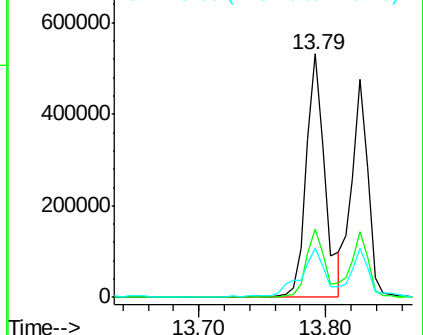
229 20.1 16.3 24.5



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



#82

Chrysene

Concen: 27.483 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

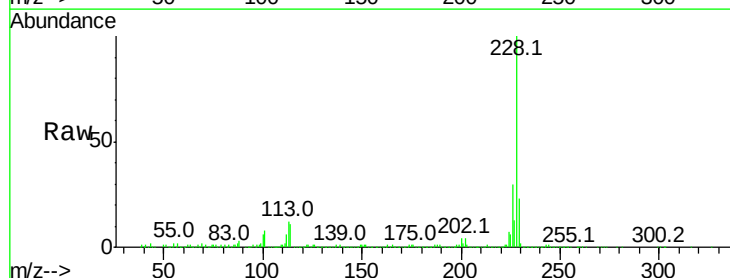
Tgt Ion:228 Resp: 425156

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

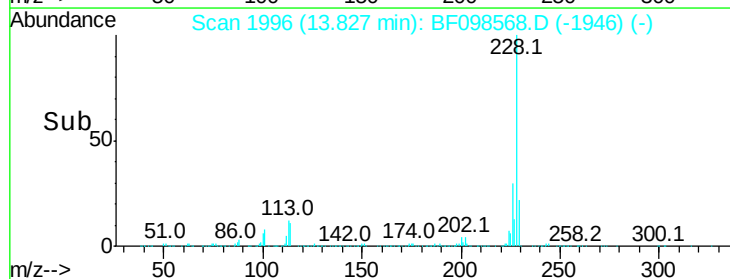
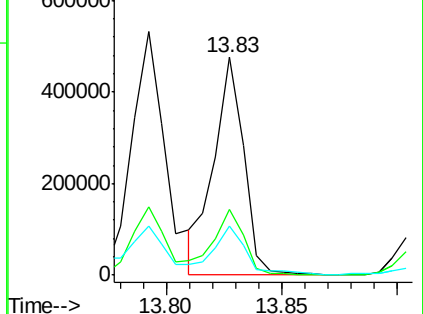
229 22.6 15.8 23.6

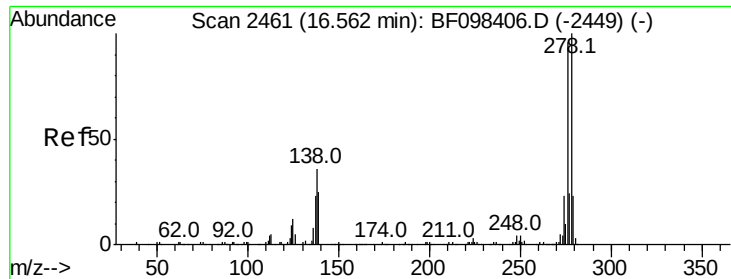


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

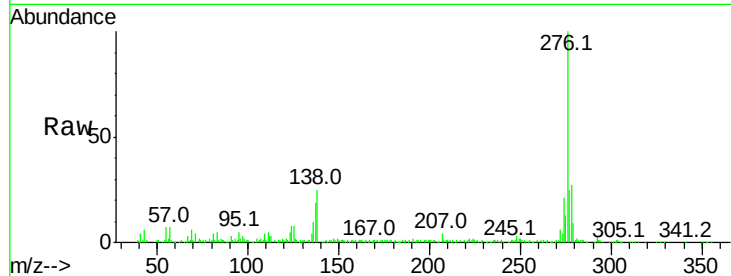




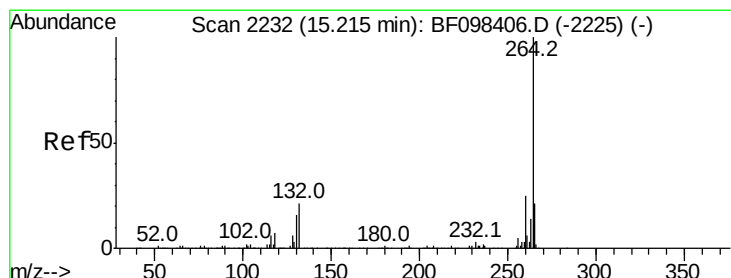
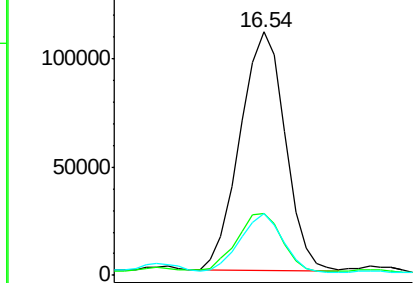
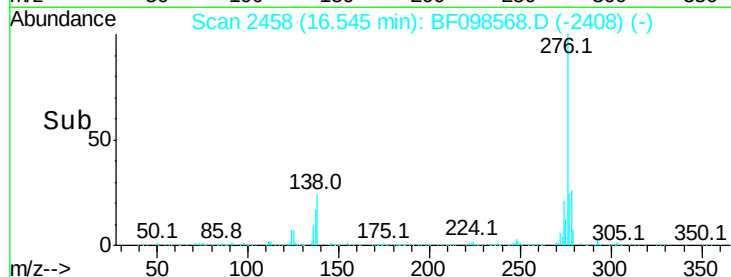
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.566 ng
 RT: 16.54 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 RL-6-0-11

Tot Ion:276 Resp: 190652
 Ion Ratio Lower Upper
 276 100
 138 26.6 27.8 41.6#
 277 23.4 20.2 30.4

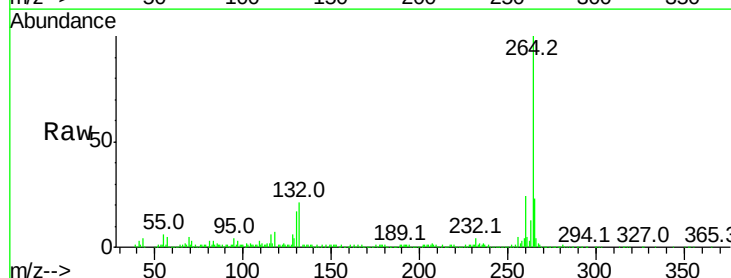


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

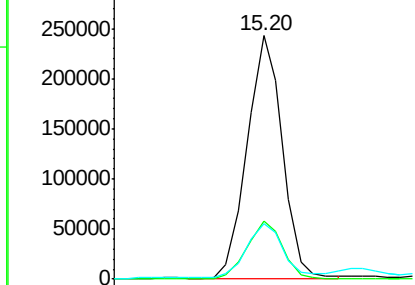
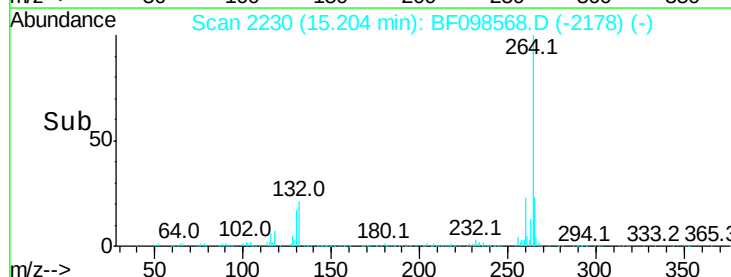


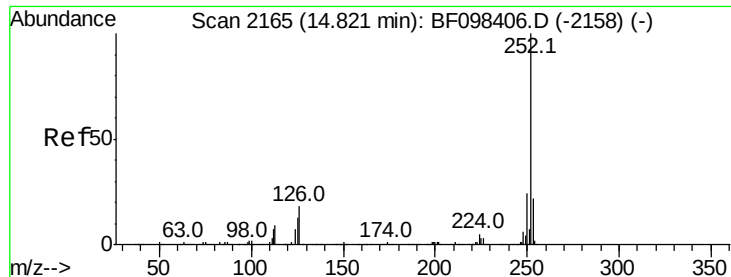
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. 0.01 min
 Lab File: BF098568.D
 Acq: 15 Sep 2017 14:38

Tgt Ion:264 Resp: 279804
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.9 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

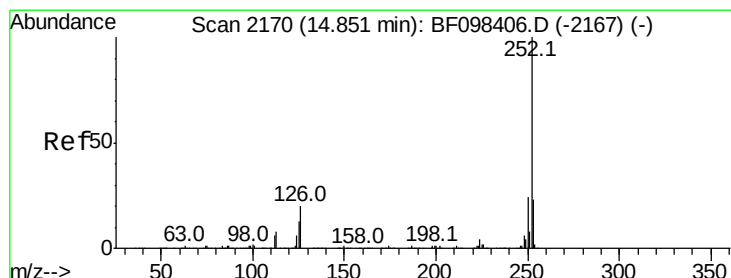
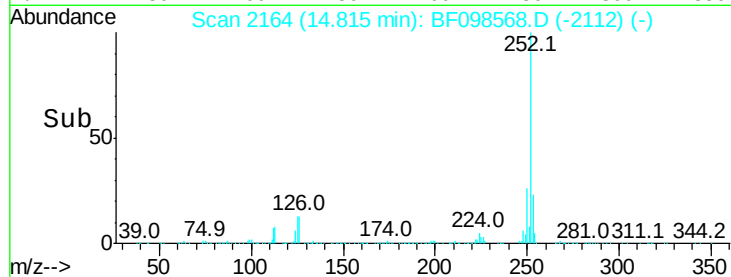
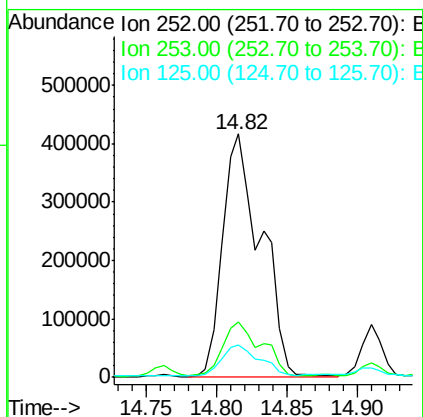
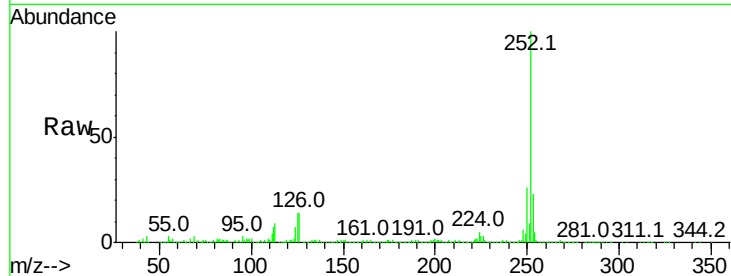




#87
Benzo(b)fluoranthene
Concen: 44.868 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

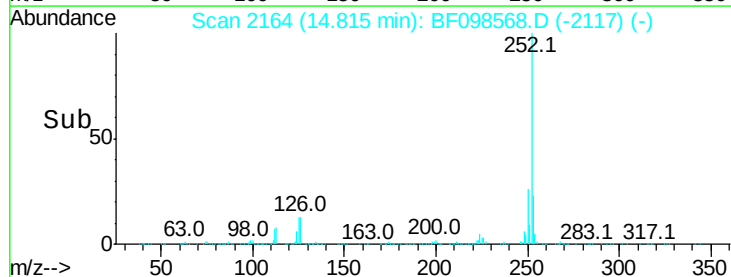
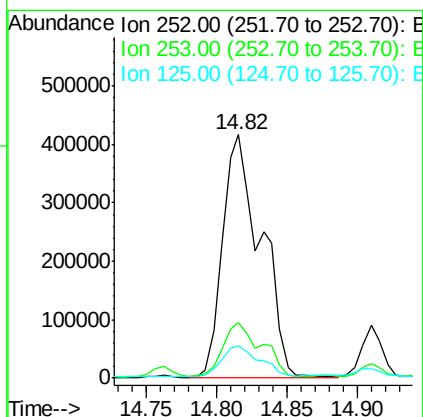
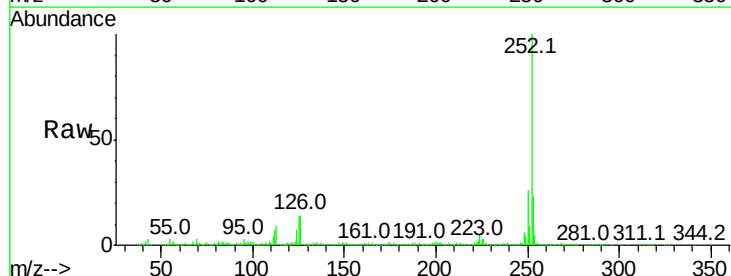
Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

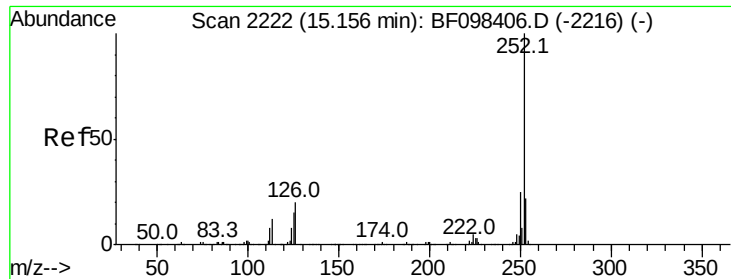
Tot Ion:252 Resp: 789383
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 13.5 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 48.062 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:252 Resp: 789383
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 13.5 13.1 19.7

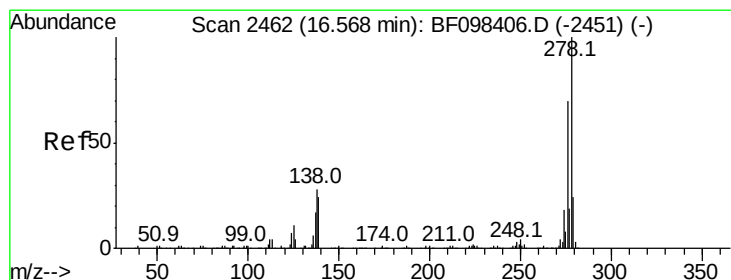
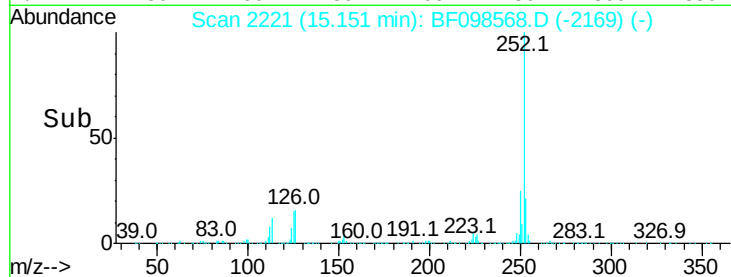
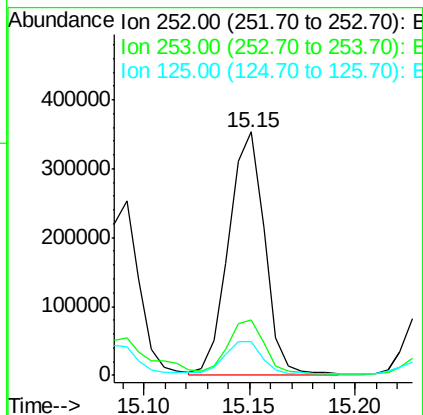
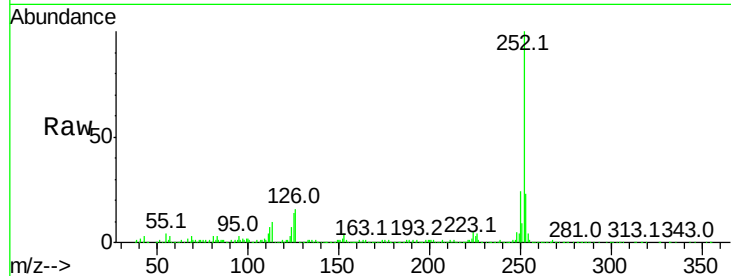




#89
Benzo(a)pyrene
Concen: 26.368 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

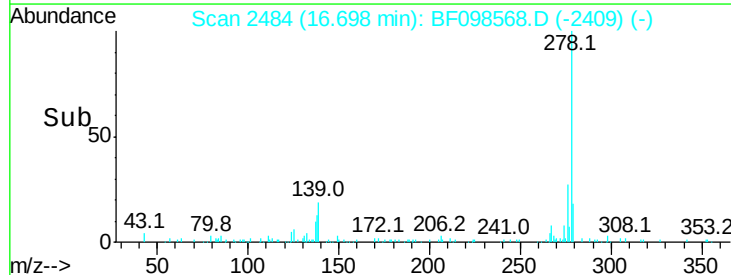
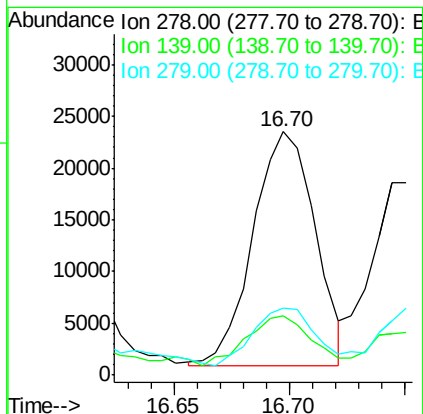
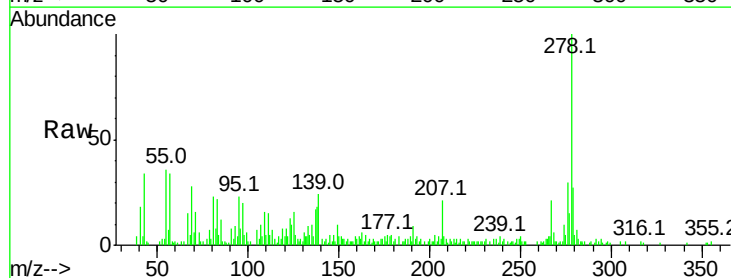
Instrument :
BNA_F
ClientSampleId :
RL-6-0-11

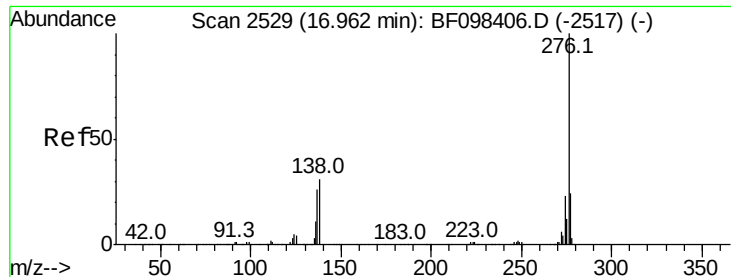
Tot Ion:252 Resp: 413279
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 3.705 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.14 min
Lab File: BF098568.D
Acq: 15 Sep 2017 14:38

Tgt Ion:278 Resp: 42244
Ion Ratio Lower Upper
278 100
139 24.1 16.6 24.8
279 27.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 15.629 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF098568.D

Acq: 15 Sep 2017 14:38

Instrument :

BNA_F

ClientSampleId :

RL-6-0-11

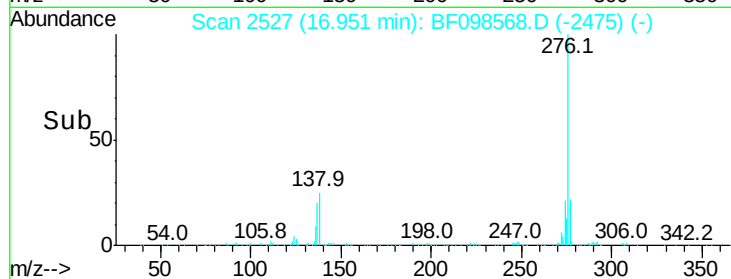
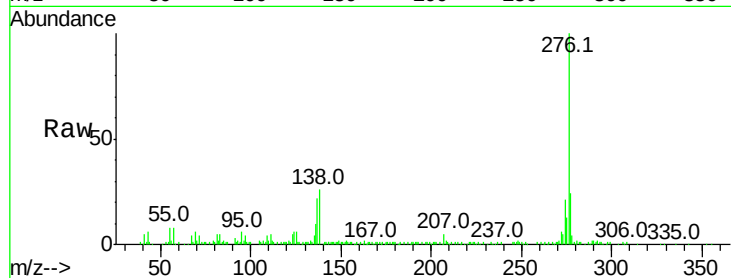
Tot Ion:276 Resp: 179234

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 25.9 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

