

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091517\
 Data File : BF098567.D
 Acq On : 15 Sep 2017 14:10
 Operator : SJ/JU
 Sample : I5188-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-4-0-12.25

Quant Time: Sep 15 15:05:08 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	129076	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	528976	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	223869	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	358298	20.00	ng	0.00
75) Chrysene-d12	13.80	240	257595	20.00	ng	0.00
86) Perylene-d12	15.20	264	273991	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	751939	86.13	ng	0.00
7) Phenol-d6	6.30	99	1031878	93.09	ng	0.00
23) Nitrobenzene-d5	7.22	82	615912	64.91	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	109151	73.05	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1097513	83.09	ng	0.00
78) Terphenyl-d14	12.75	244	731982	61.33	ng	0.00

Target Compounds

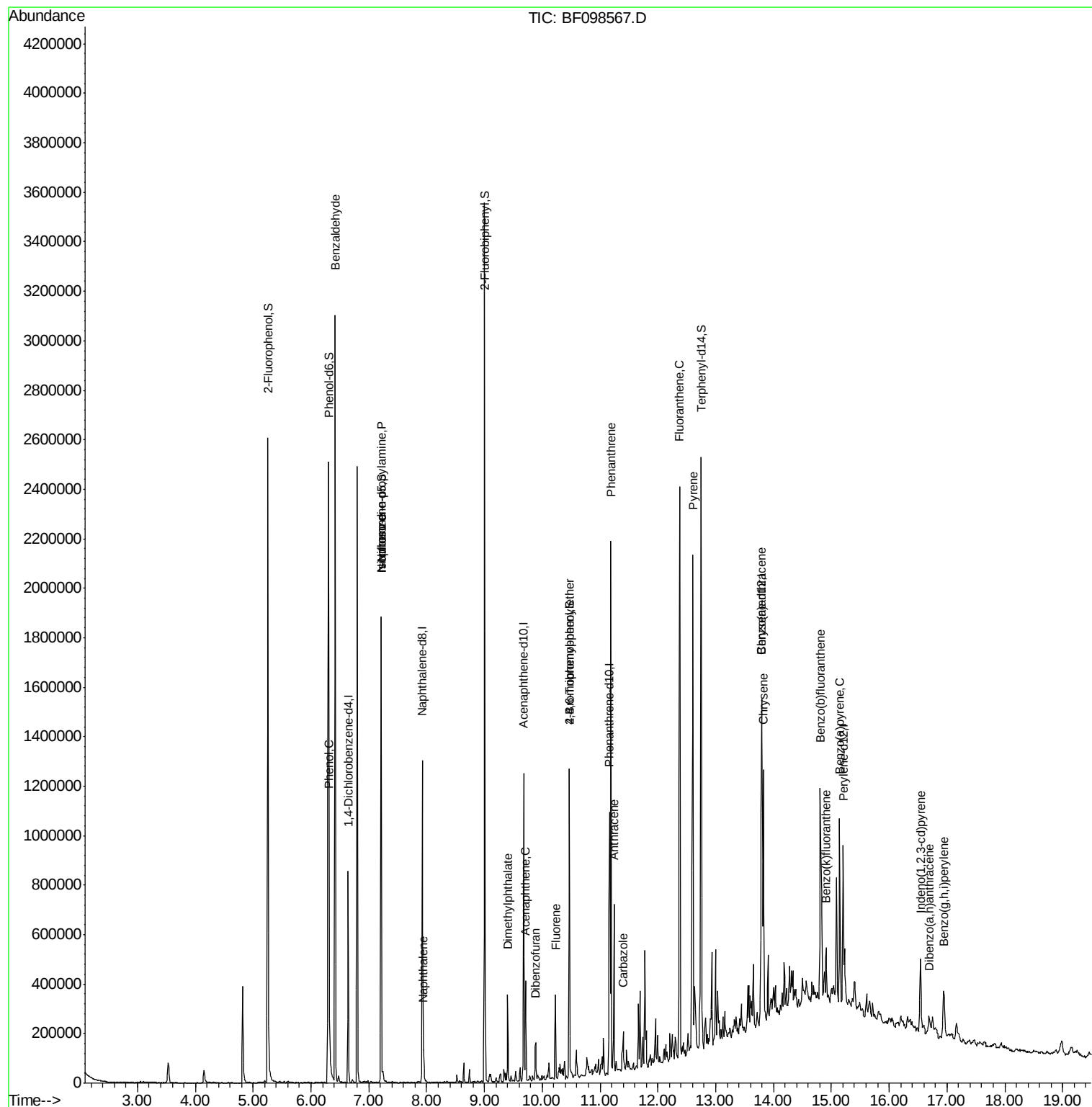
						Qvalue
9) Benzaldehyde	6.42	77	18000	2.484	ng	85
10) Phenol	6.32	94	29216	2.269	ng	# 67
19) n-Nitroso-di-n-propylamine	7.22	70	84457	12.113	ng	# 75
25) Isophorone	7.22	82	615908	32.083	ng	# 67
31) Naphthalene	7.95	128	55883	2.137	ng	98
49) Dimethylphthalate	9.40	163	123980	7.154	ng	98
51) Acenaphthene	9.71	154	79180	5.854	ng	93
54) Dibenzofuran	9.89	168	53503	3.003	ng	97
57) Fluorene	10.23	166	93408	6.334	ng	100
66) 4-Bromophenyl-phenylether	10.47	248	8477	2.493	ng	# 1
70) Phenanthrene	11.19	178	795706	41.891	ng	99
71) Anthracene	11.24	178	245610	12.594	ng	98
72) Carbazole	11.40	167	57270	3.151	ng	96
74) Fluoranthene	12.38	202	979484	51.511	ng	97
77) Pyrene	12.60	202	803472	39.539	ng	99
80) Benzo(a)anthracene	13.79	228	438085	29.008	ng	99
82) Chrysene	13.83	228	344588	22.572	ng	97
85) Indeno(1,2,3-cd)pyrene	16.54	276	150815	14.081	ng	# 92
87) Benzo(b)fluoranthene	14.81	252	615928	35.752	ng	99
88) Benzo(k)fluoranthene	14.91	252	70756	4.399	ng	96
89) Benzo(a)pyrene	15.14	252	328000	21.371	ng	99
90) Dibenz(a,h)anthracene	16.70	278	35053	3.140	ng	98
91) Benzo(g,h,i)perylene	16.94	276	139611	12.432	ng	94

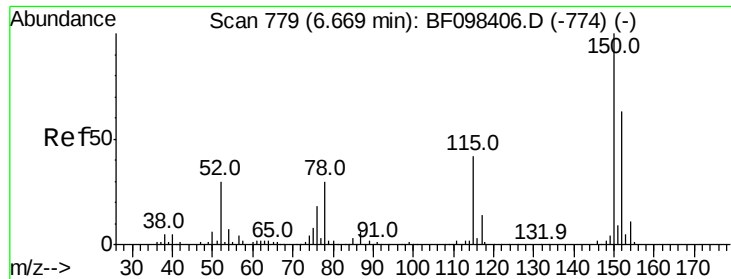
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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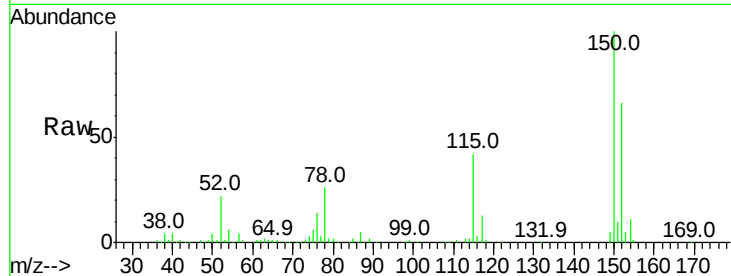


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF098567.D
Acq: 15 Sep 2017 14:10

Instrument :
BNA_F
ClientSampleId :
RL-4-0-12.25

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.2
115	64.3	52.2	78.2

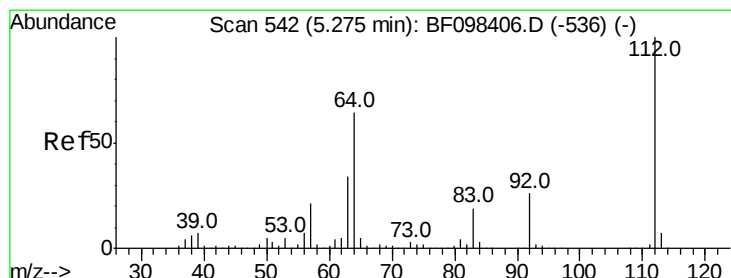
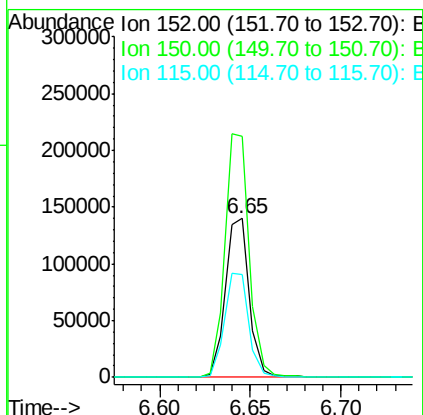
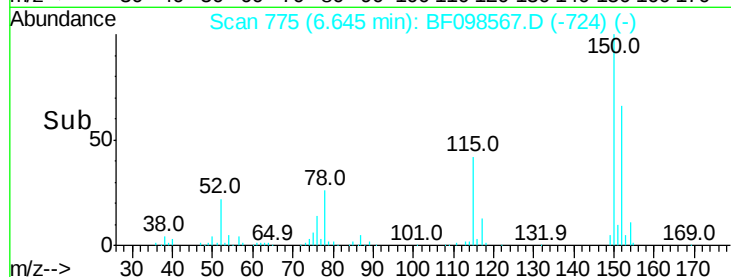


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

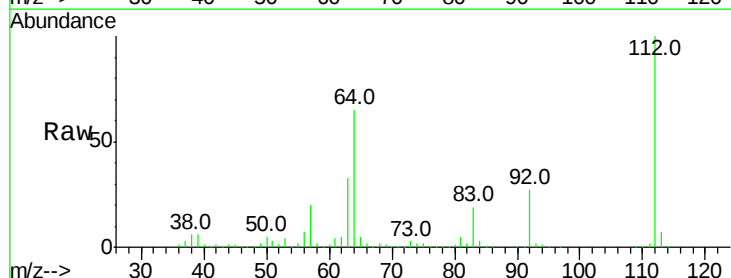
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.132 ng
RT: 5.25 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF098567.D
Acq: 15 Sep 2017 14:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	33.2	23.4	35.0

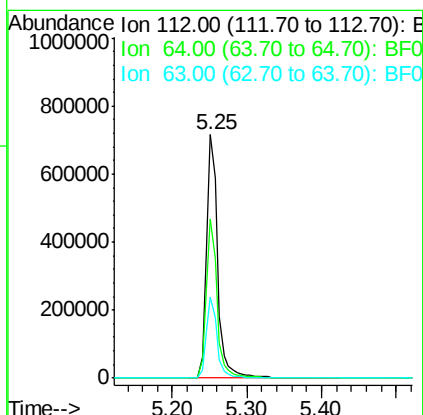
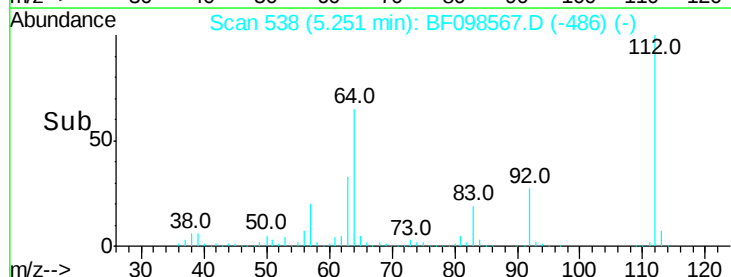


Abundance

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





#7

Phenol-d6

Concen: 93.094 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

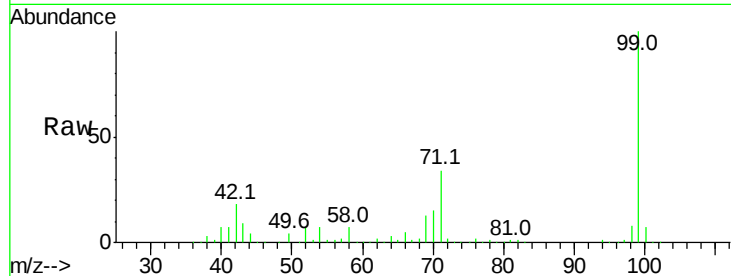
Tot Ion: 99 Resp: 1031878

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

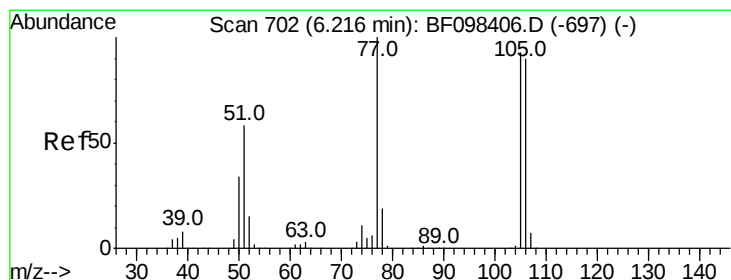
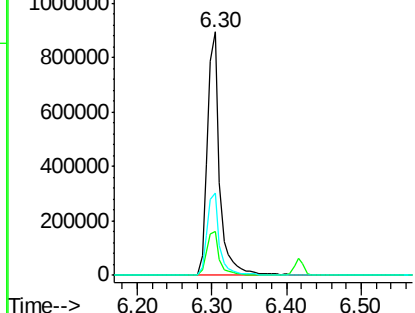
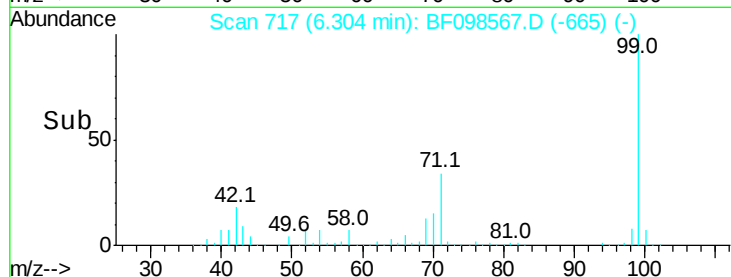
71 33.9 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.484 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.22 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

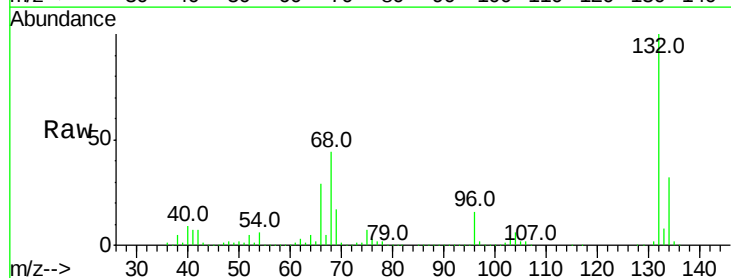
Tgt Ion: 77 Resp: 18000

Ion Ratio Lower Upper

77 100

105 89.9 83.8 123.8

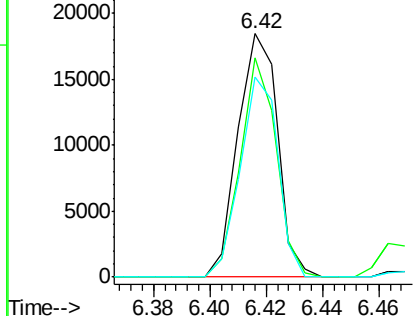
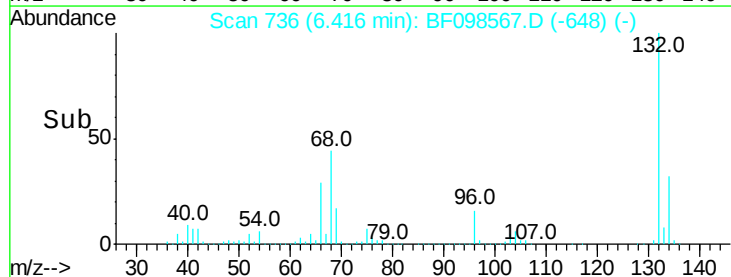
106 82.2 79.1 119.1

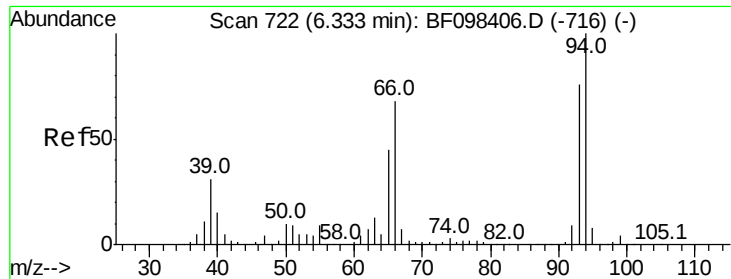


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.269 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

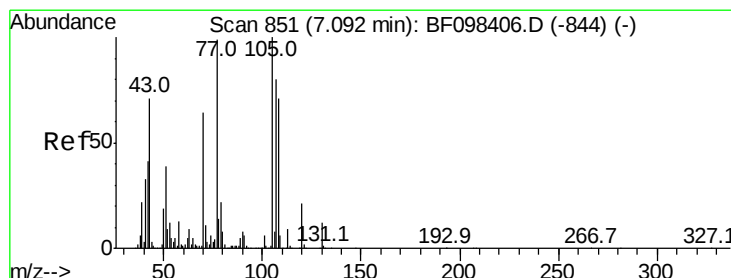
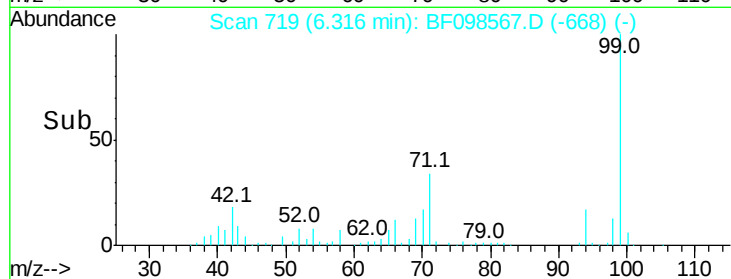
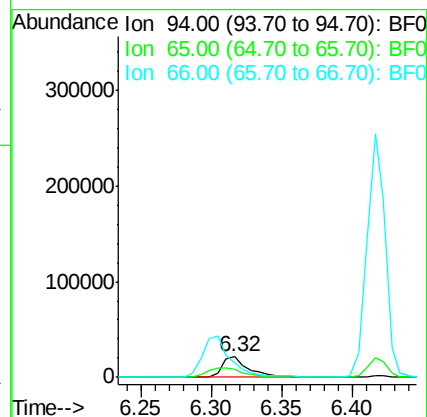
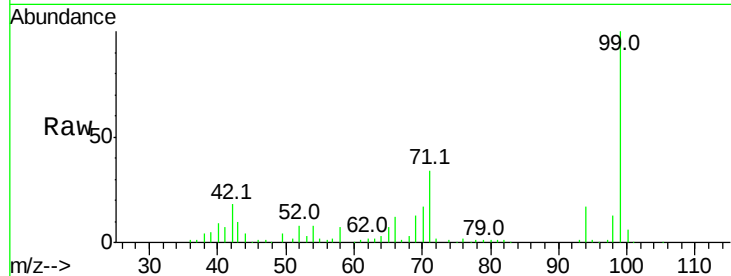
Tot Ion: 94 Resp: 29216

Ion Ratio Lower Upper

94 100

65 38.1 9.9 49.9

66 72.1 23.1 63.1#



#19

n-Nitroso-di-n-propylamine

Concen: 12.113 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Tgt Ion: 70 Resp: 84457

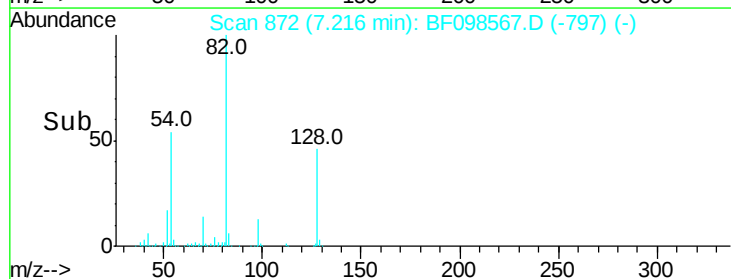
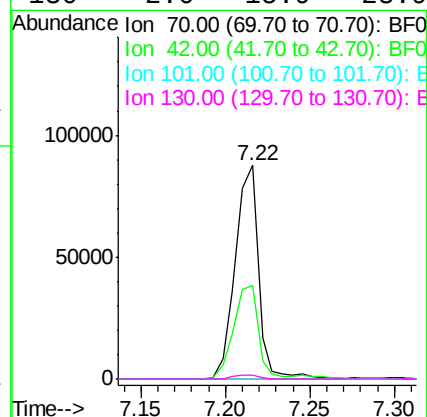
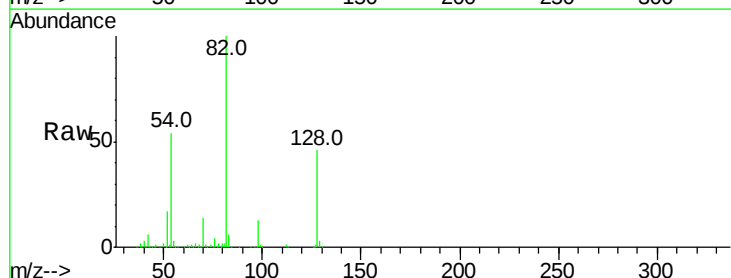
Ion Ratio Lower Upper

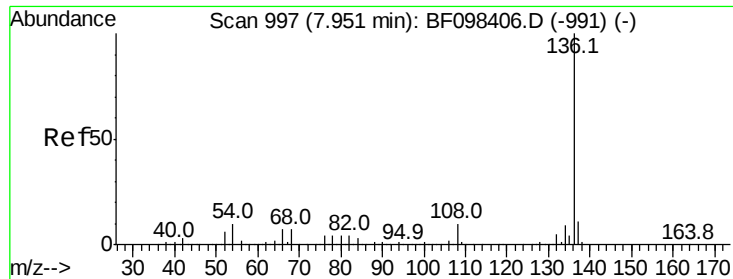
70 100

42 43.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

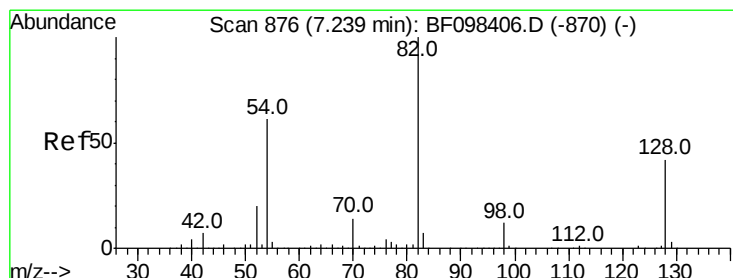
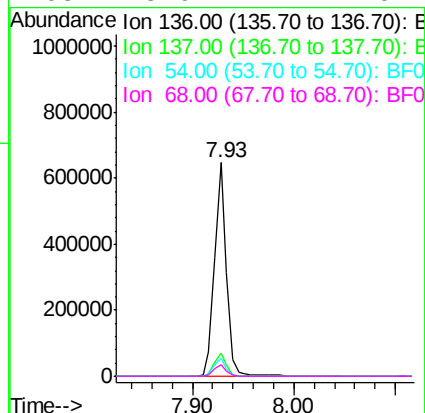
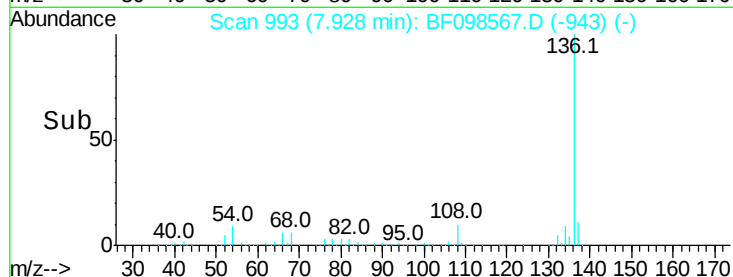
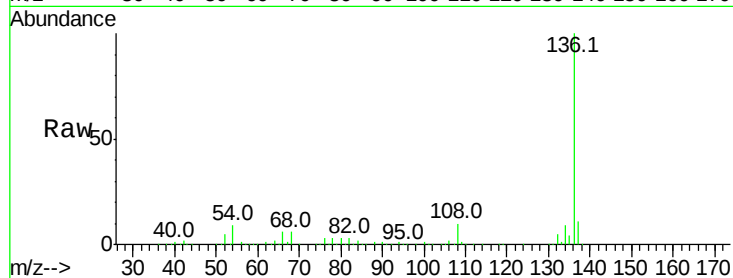




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF098567.D
Acq: 15 Sep 2017 14:10

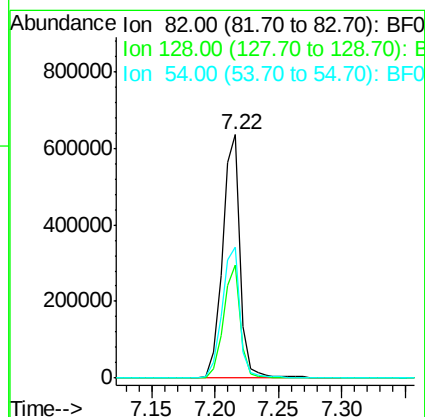
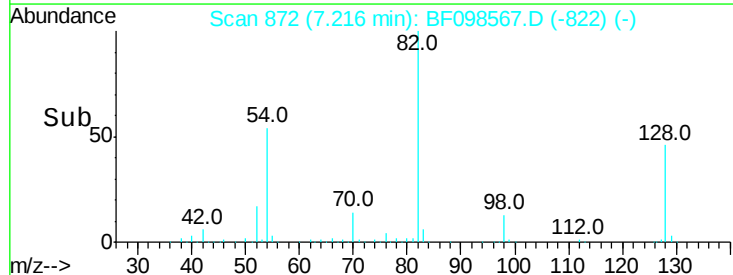
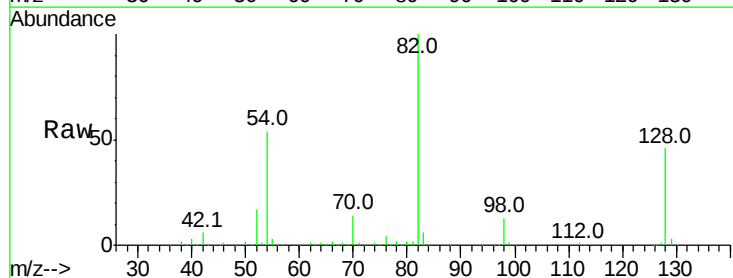
Instrument :
BNA_F
ClientSampleId :
RL-4-0-12.25

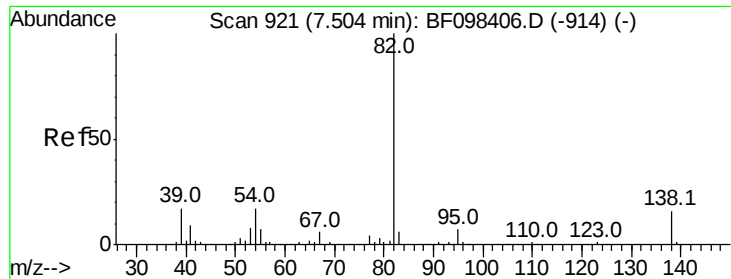
Tot Ion:	136	Resp:	528976
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.6	4.9	7.3#
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 64.912 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF098567.D
Acq: 15 Sep 2017 14:10

Tgt Ion:	82	Resp:	615912
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	53.8	42.2	63.2





#25

Isophorone

Concen: 32.083 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

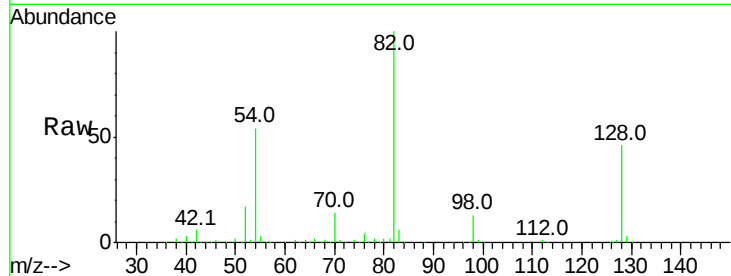
Tot Ion: 82 Resp: 615908

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

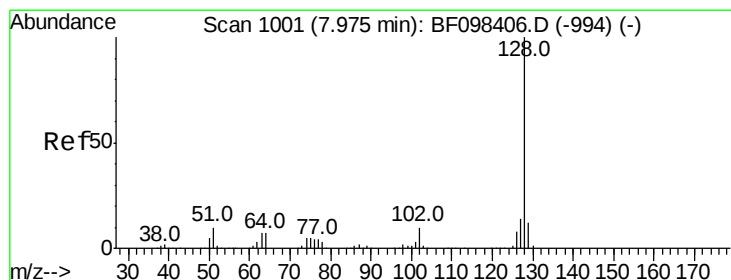
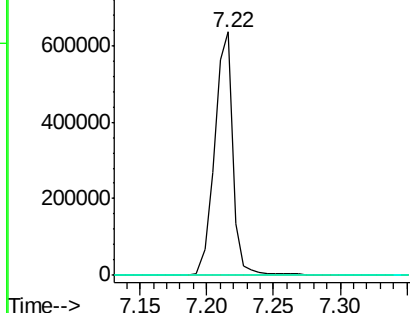
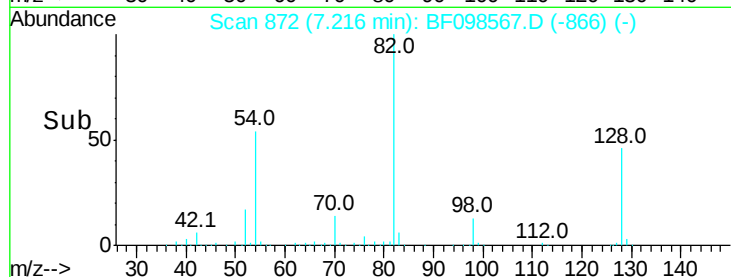
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 2.137 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

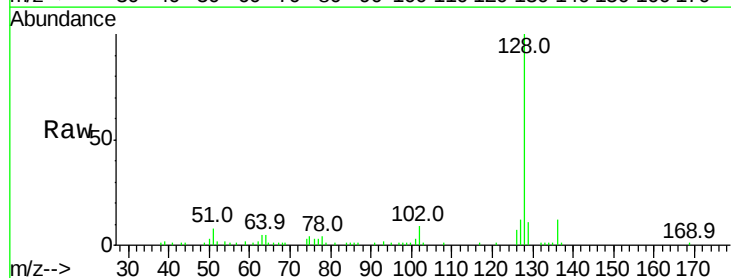
Tgt Ion:128 Resp: 55883

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

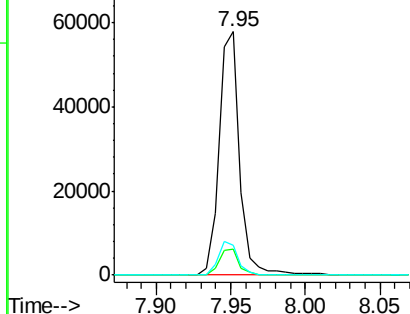
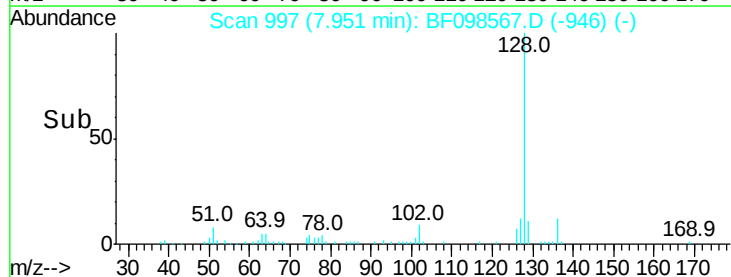
127 12.3 10.8 16.2

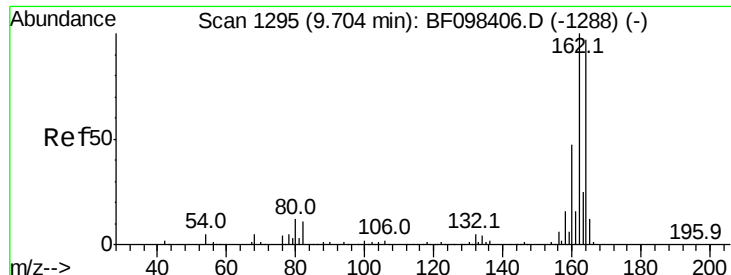


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

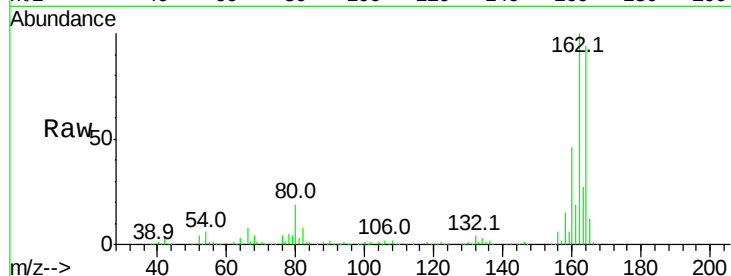




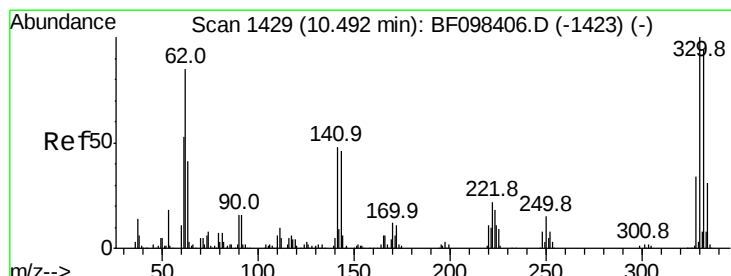
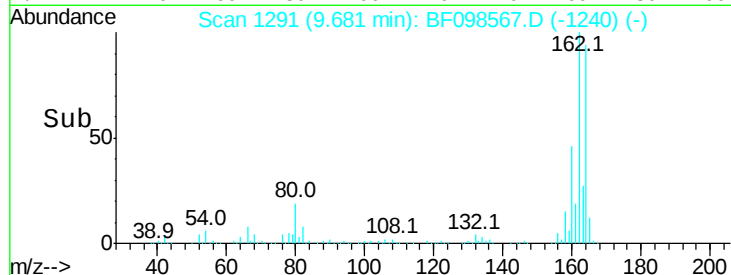
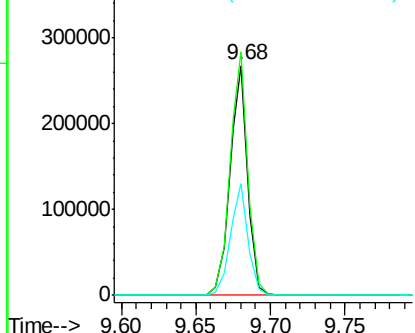
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF098567.D
 Acq: 15 Sep 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 RL-4-0-12.25

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	48.3	36.2	54.2

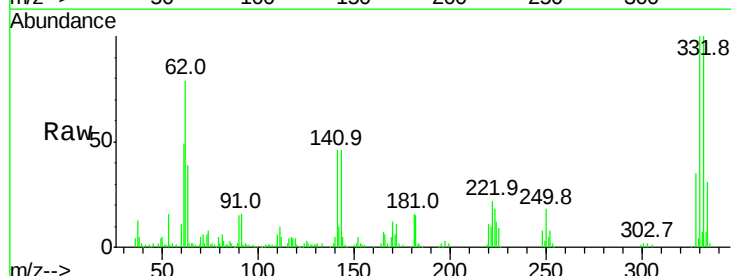


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

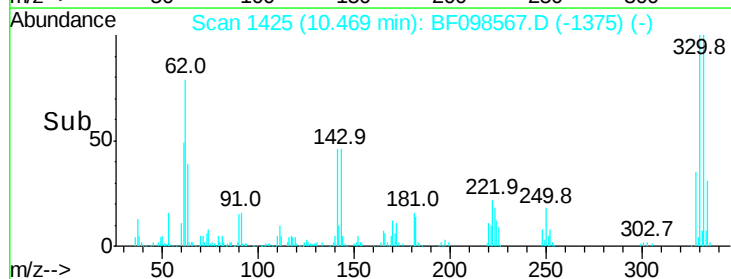
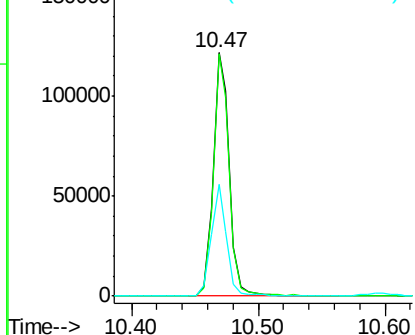


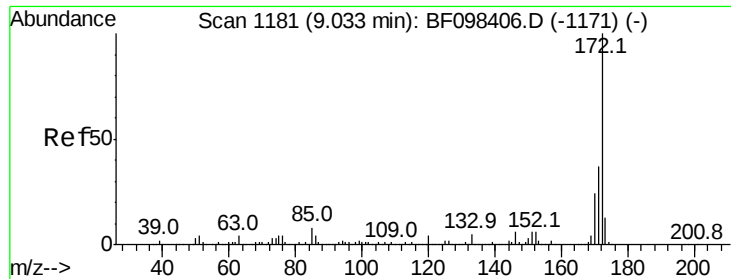
#41
 2,4,6-Tribromophenol
 Concen: 73.053 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF098567.D
 Acq: 15 Sep 2017 14:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	44.6	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: 83.093 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

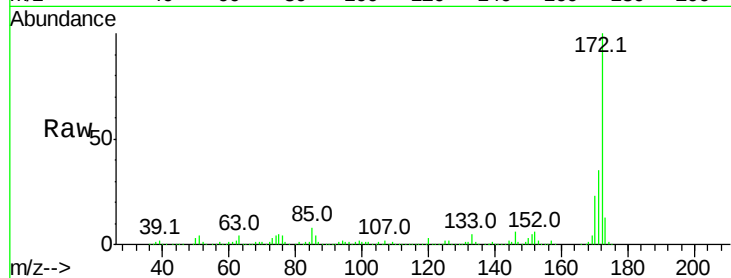
BNA_F

ClientSampleId :

RL-4-0-12.25

Tot Ion:172 Resp: 1097513

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.2	19.8	29.8

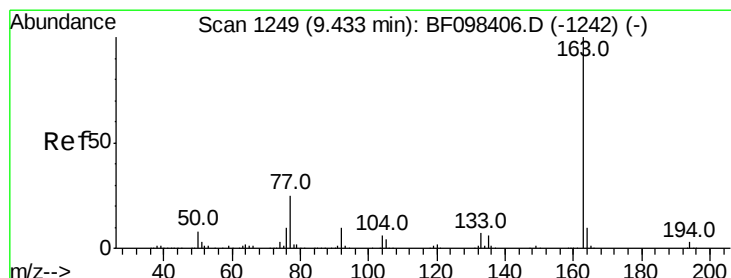
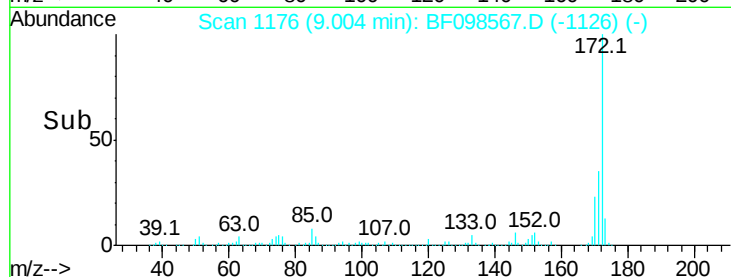
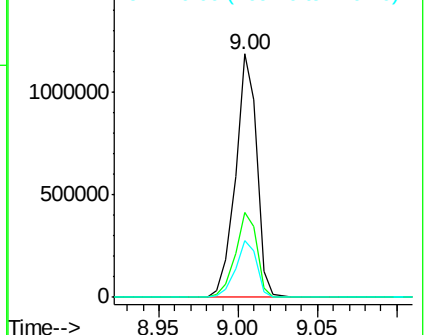


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 7.154 ng

RT: 9.40 min Scan# 1244

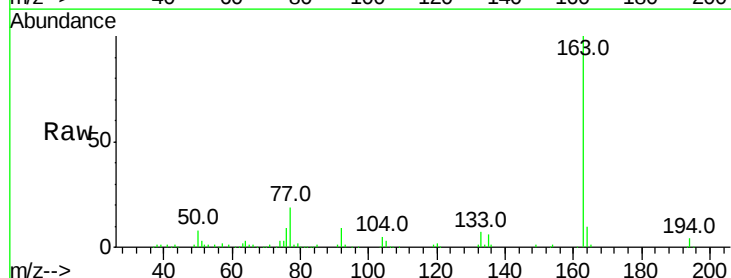
Delta R.T. -0.01 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Tgt Ion:163 Resp: 123980

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.8	8.4	12.6

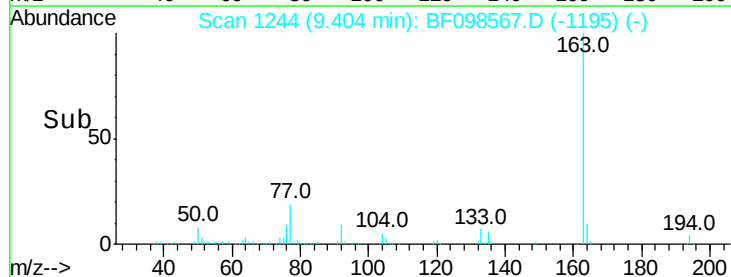
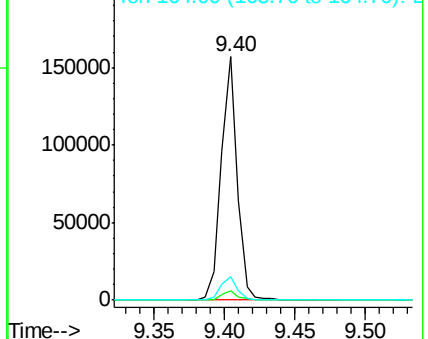


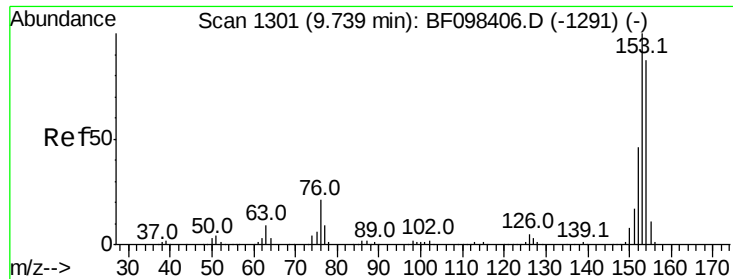
Abundance

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: 5.854 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

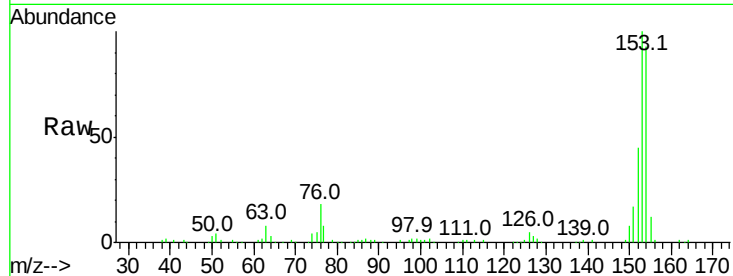
Tot Ion:154 Resp: 79180

Ion Ratio Lower Upper

154 100

153 107.5 90.5 135.7

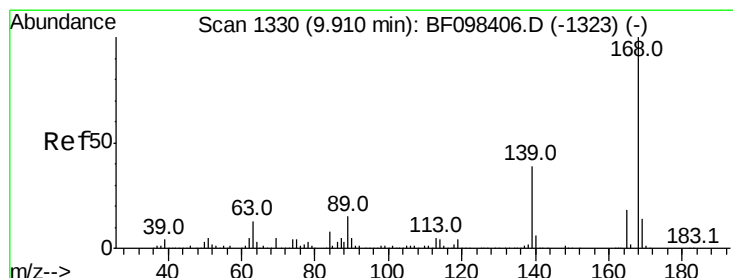
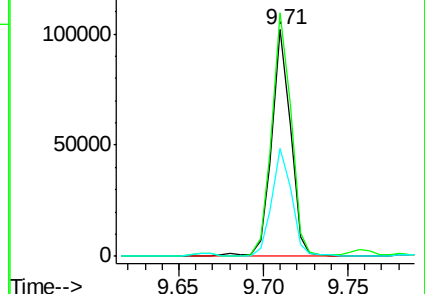
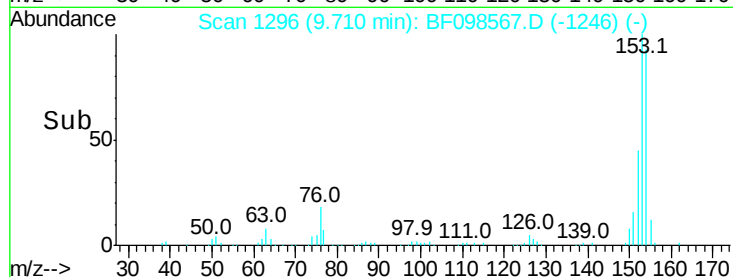
152 47.9 43.6 65.4



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: 3.003 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

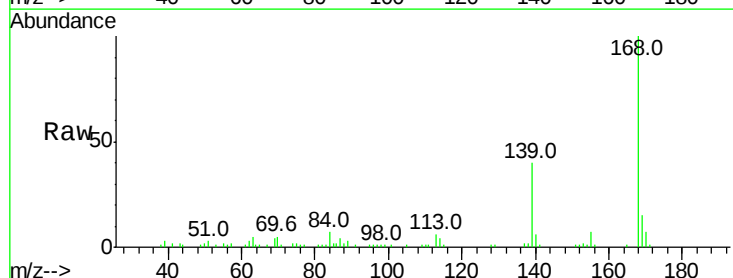
Tgt Ion:168 Resp: 53503

Ion Ratio Lower Upper

168 100

139 40.2 30.6 45.8

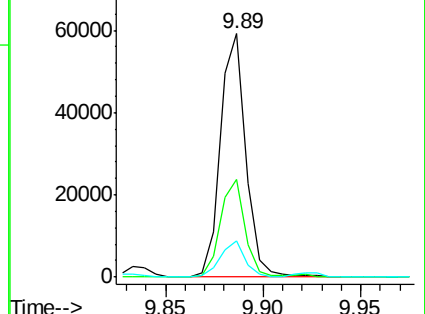
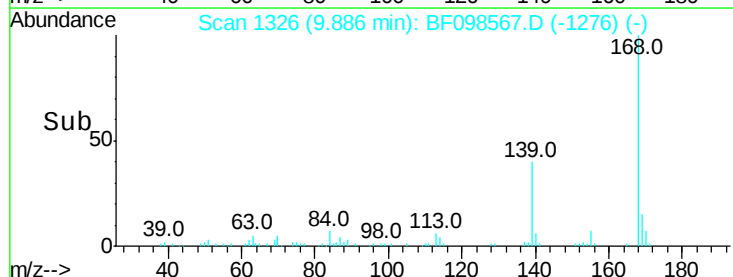
169 14.8 10.8 16.2

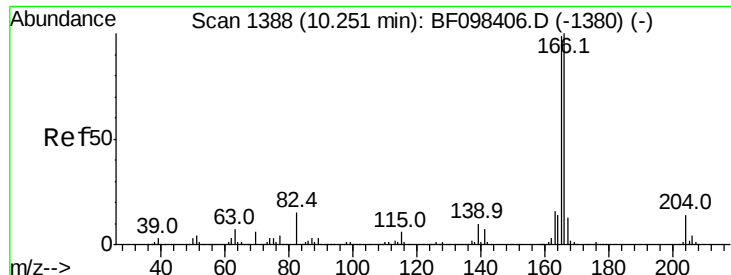


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

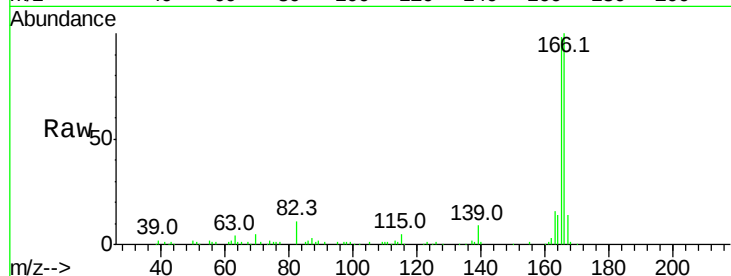




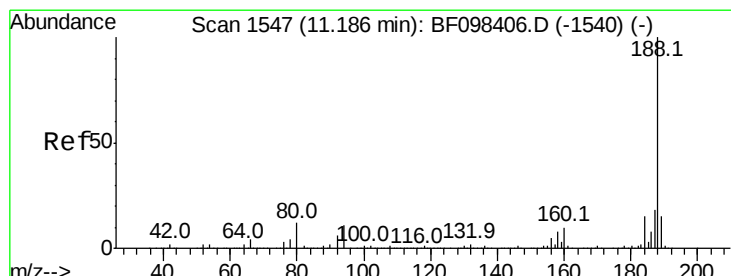
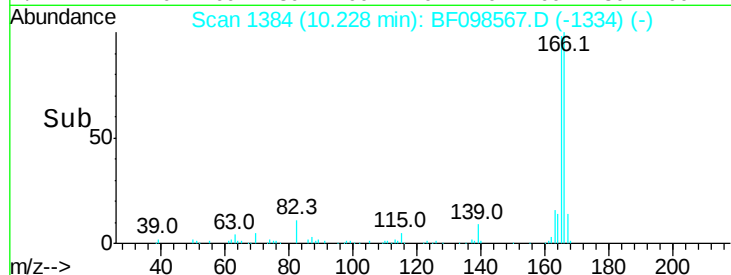
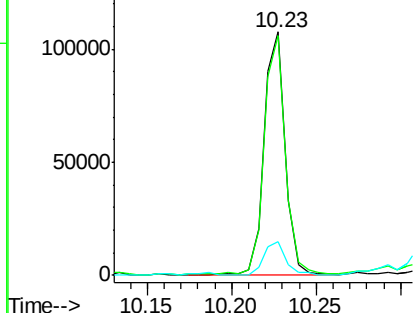
#57
Fluorene
 Concen: 6.334 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF098567.D
 Acq: 15 Sep 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 RL-4-0-12.25

Tot Ion:166 Resp: 93408
 Ion Ratio Lower Upper
 166 100
 165 98.4 78.8 118.2
 167 13.6 10.6 16.0

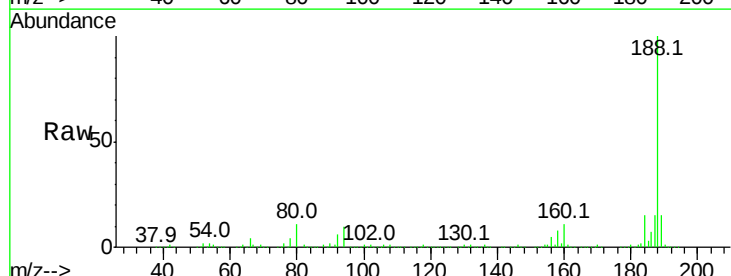


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

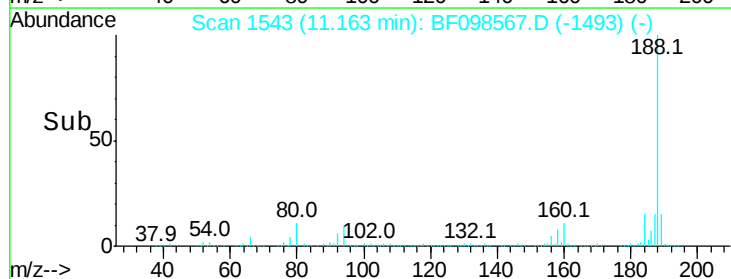
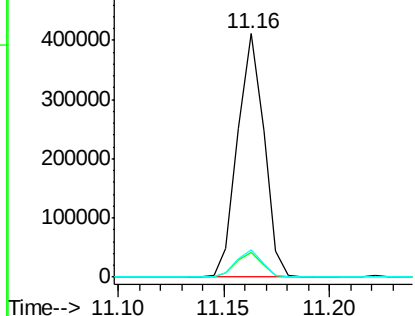


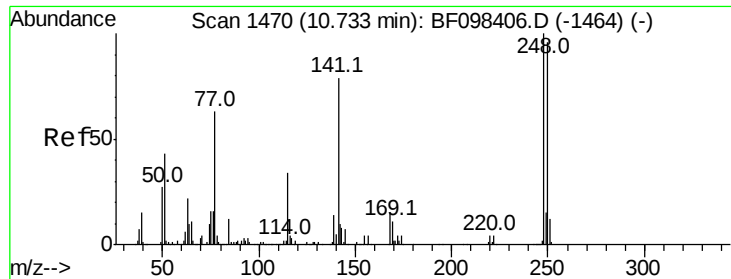
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF098567.D
 Acq: 15 Sep 2017 14:10

Tgt Ion:188 Resp: 358298
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.4 14.2
 80 11.1 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

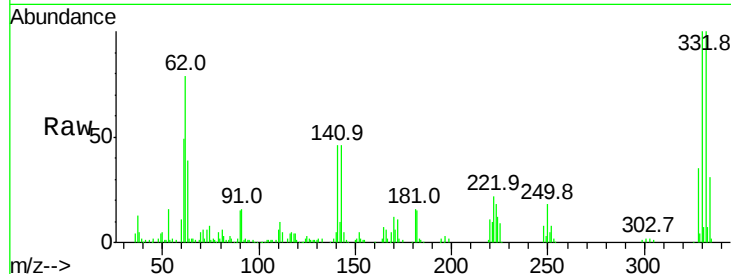




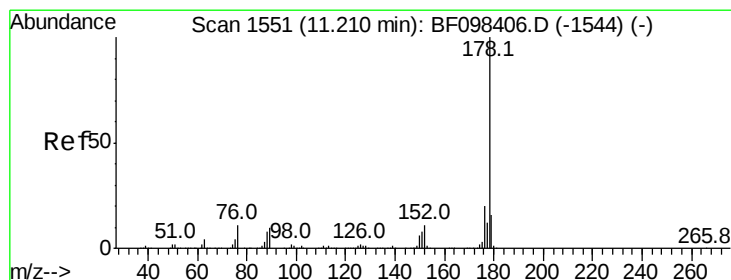
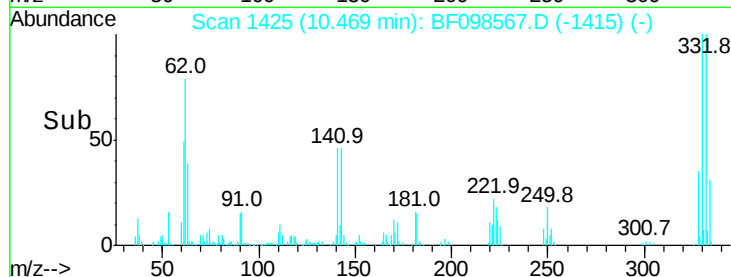
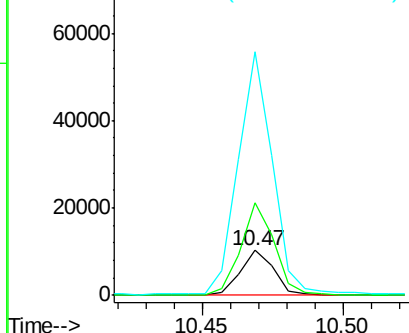
#66
 4-Bromophenyl-phenylether
 Concen: 2.493 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.24 min
 Lab File: BF098567.D
 Acq: 15 Sep 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 RL-4-0-12.25

Tot Ion:248 Resp: 8477
 Ion Ratio Lower Upper
 248 100
 250 208.7 76.8 115.2#
 141 545.3 68.6 103.0#

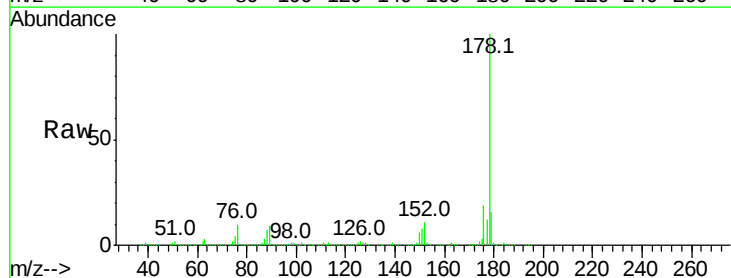


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

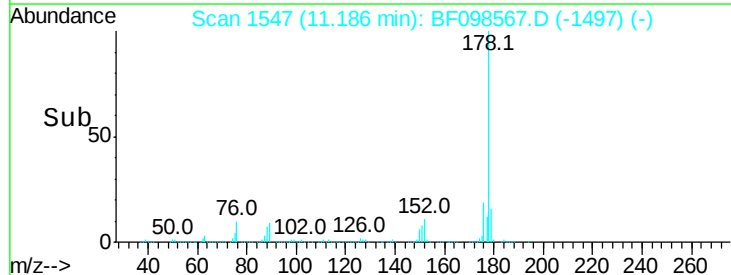
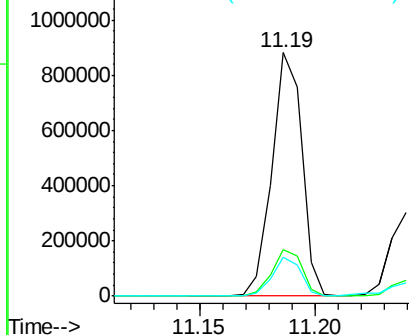


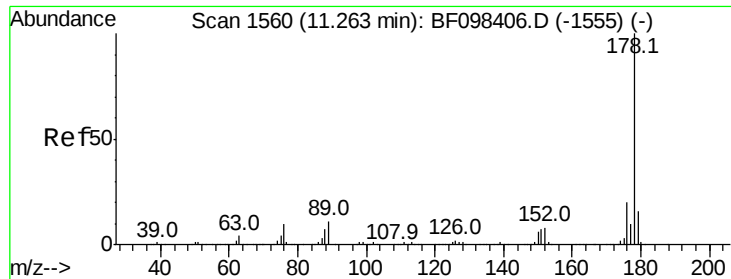
#70
 Phenanthrene
 Concen: 41.891 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF098567.D
 Acq: 15 Sep 2017 14:10

Tgt Ion:178 Resp: 795706
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.9 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

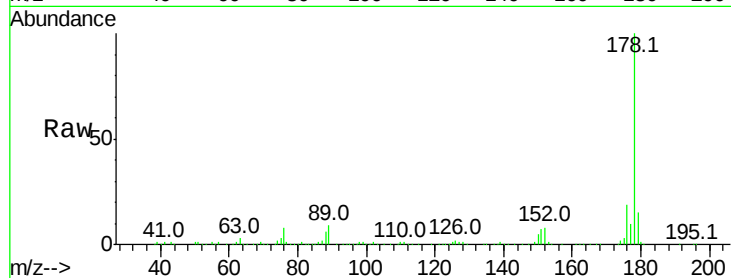




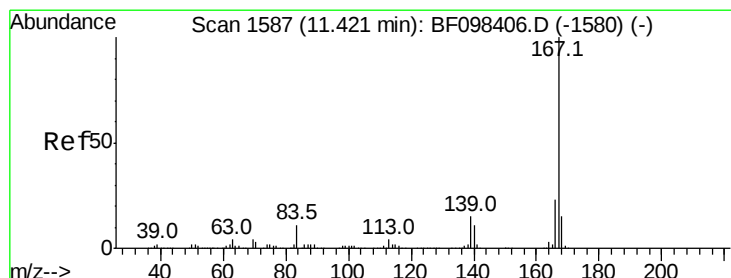
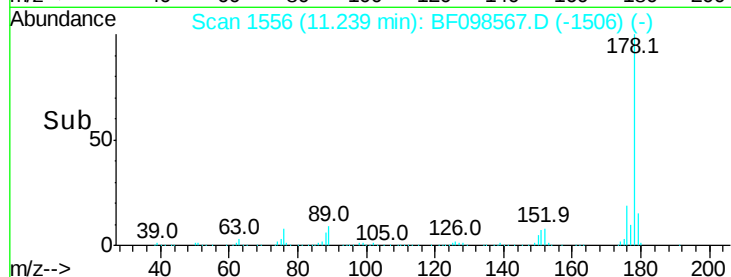
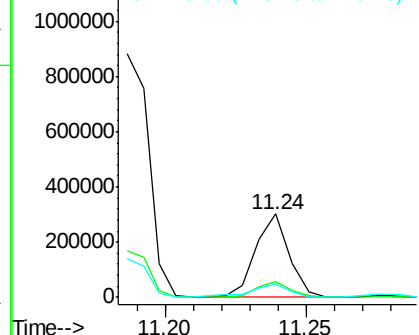
#71
 Anthracene
 Concen: 12.594 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098567.D
 Acq: 15 Sep 2017 14:10

Instrument :
 BNA_F
 ClientSampleId :
 RL-4-0-12.25

Tot Ion:178 Resp: 245610
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.2 12.7 19.1

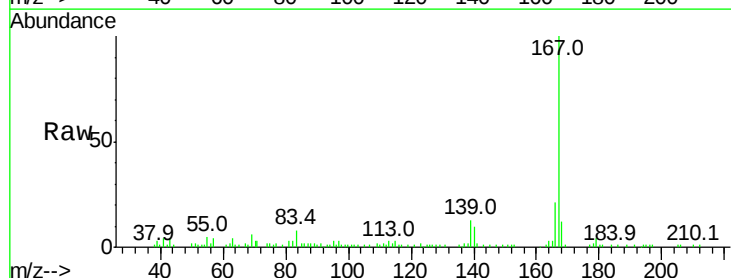


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

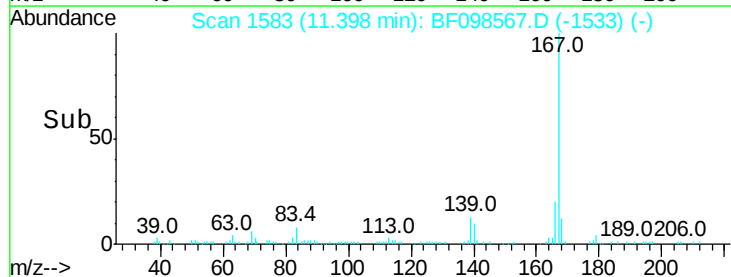
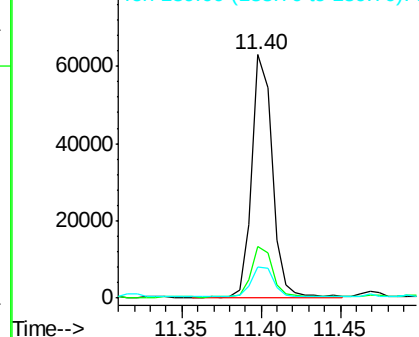


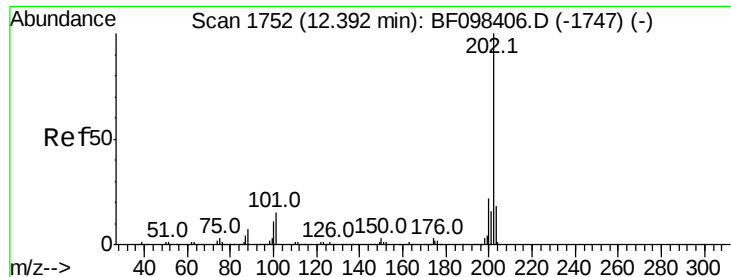
#72
 Carbazole
 Concen: 3.151 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF098567.D
 Acq: 15 Sep 2017 14:10

Tgt Ion:167 Resp: 57270
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.1 27.1
 139 12.9 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 51.511 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampled :

RL-4-0-12.25

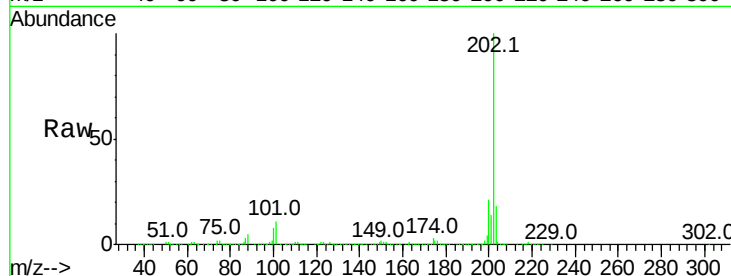
Tot Ion:202 Resp: 979484

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.2

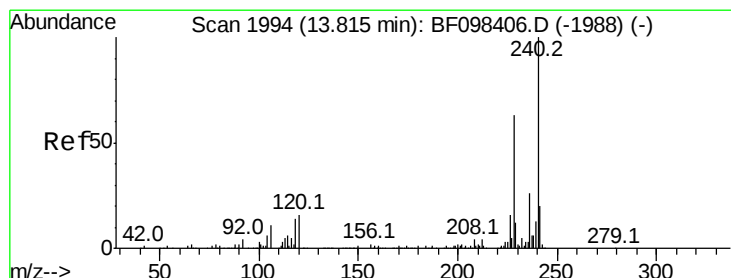
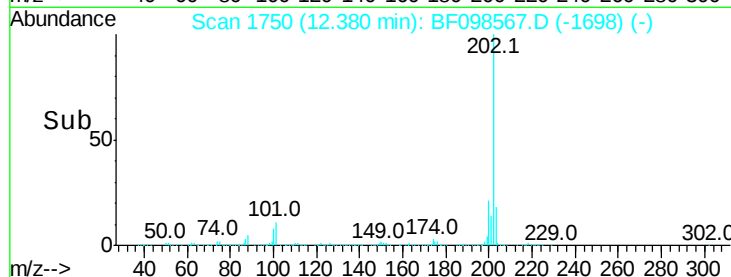
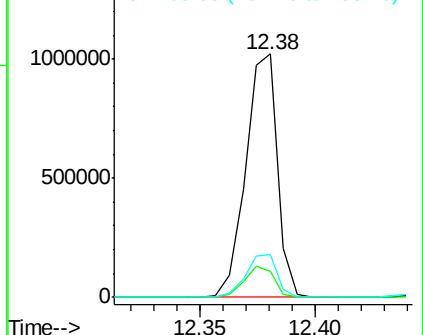
203 17.7 0.0 38.1



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: BF098567.D

Acq: 15 Sep 2017 14:10

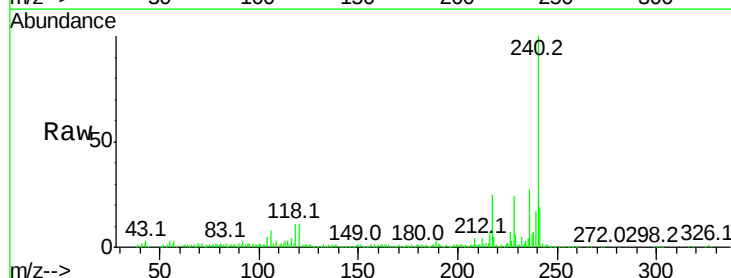
Tgt Ion:240 Resp: 257595

Ion Ratio Lower Upper

240 100

120 11.2 5.8 8.8#

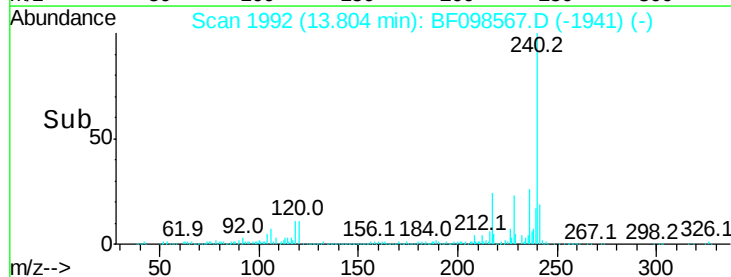
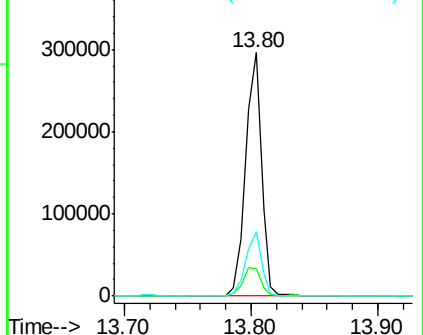
236 26.5 20.5 30.7

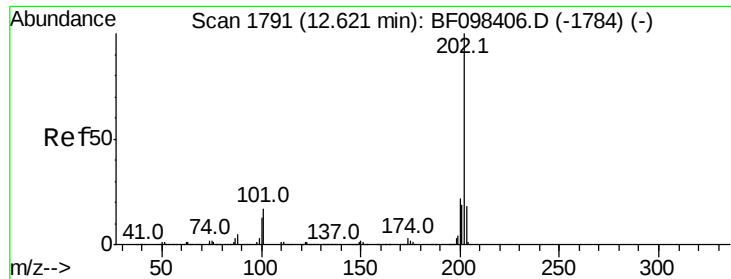


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 39.539 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

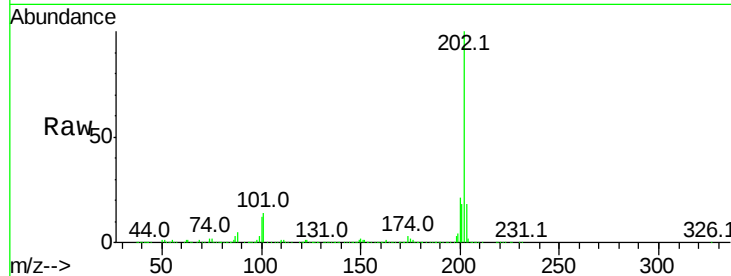
Tot Ion:202 Resp: 803472

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

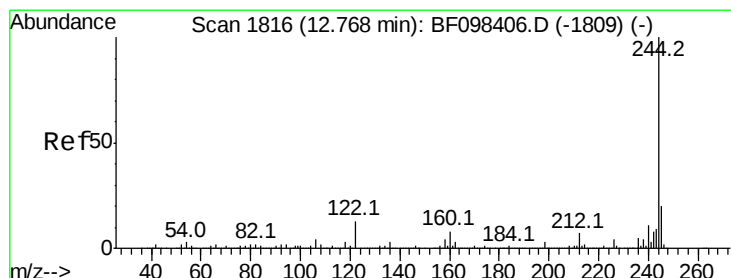
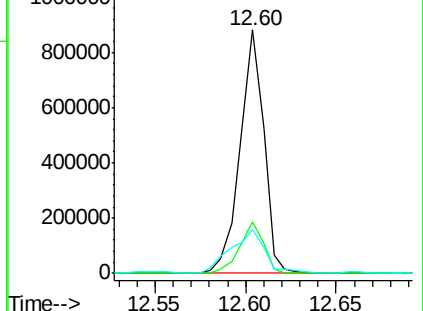
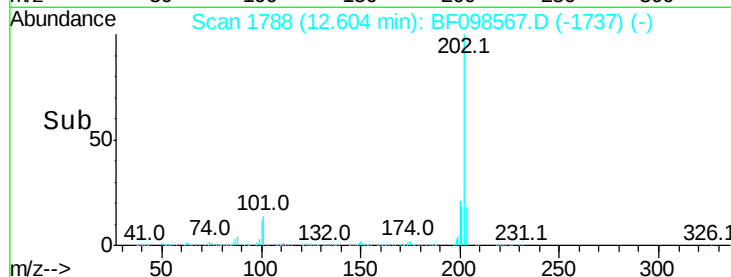
203 18.0 14.4 21.6



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: 61.335 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

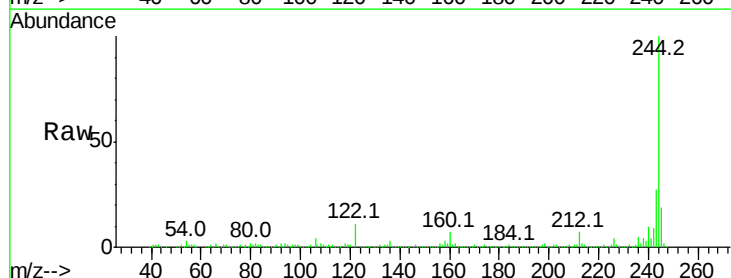
Tgt Ion:244 Resp: 731982

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

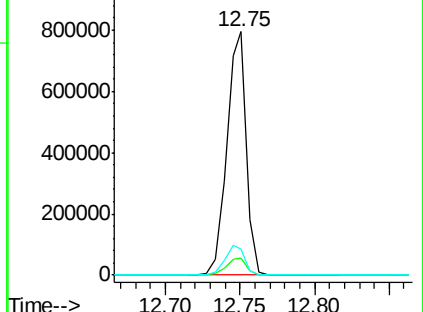
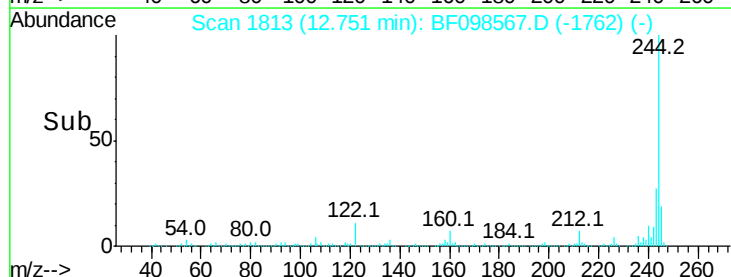
122 10.7 10.3 15.5

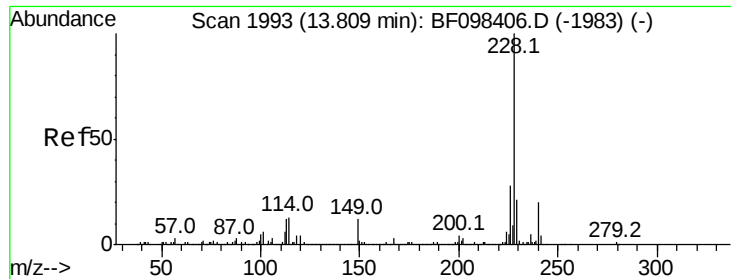


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

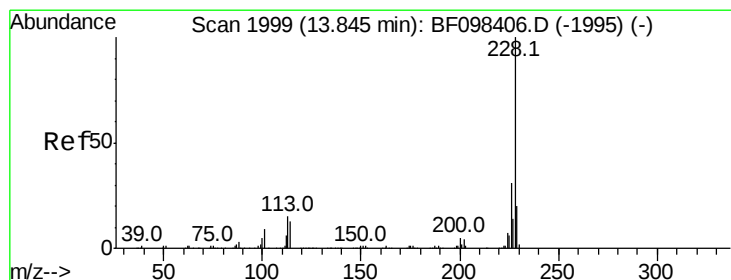
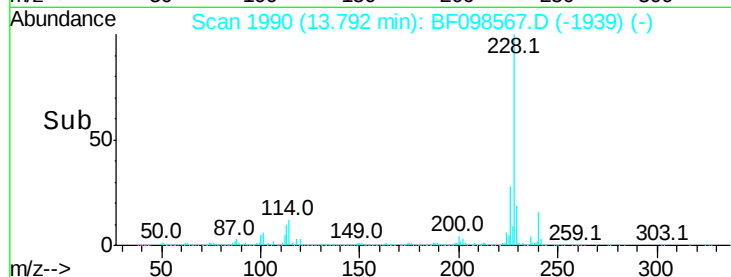
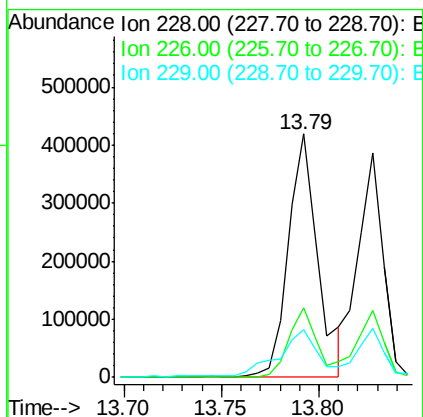
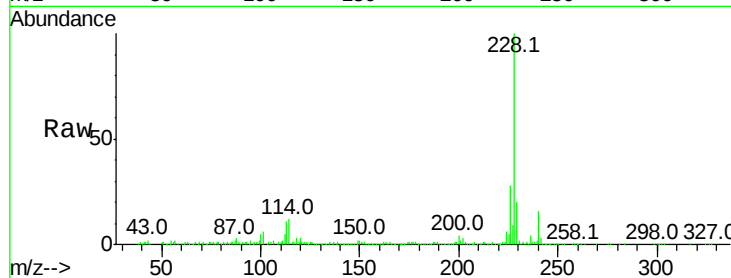




#80
Benzo(a)anthracene
Concen: 29.008 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF098567.D
Acq: 15 Sep 2017 14:10

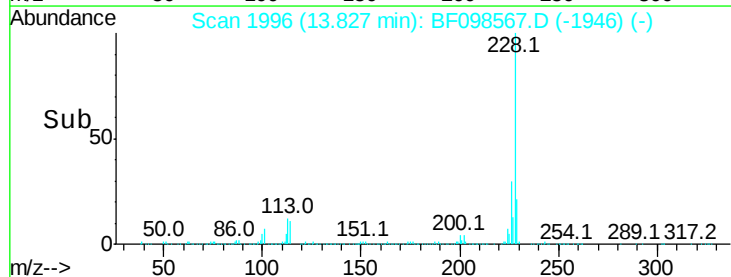
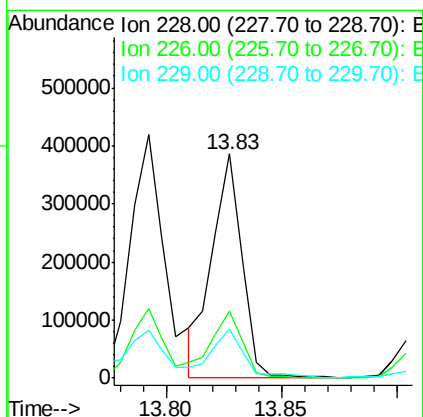
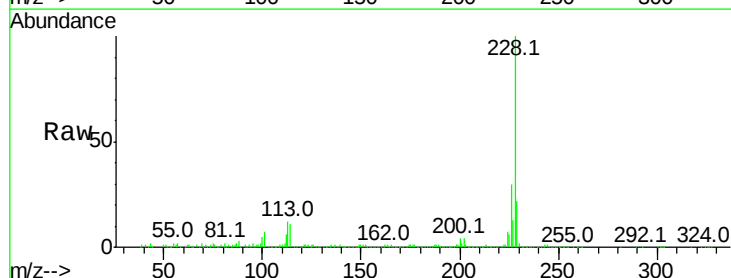
Instrument :
BNA_F
ClientSampleId :
RL-4-0-12.25

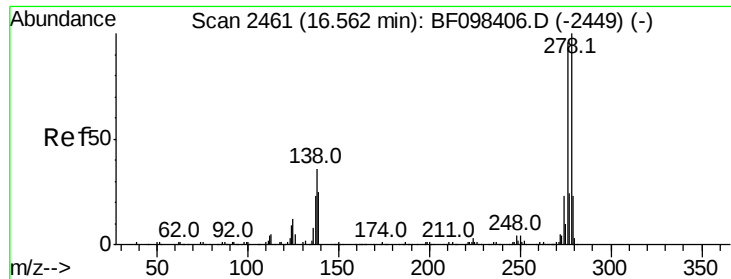
Tot Ion:228 Resp: 438085
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.7 16.3 24.5



#82
Chrysene
Concen: 22.572 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF098567.D
Acq: 15 Sep 2017 14:10

Tgt Ion:228 Resp: 344588
Ion Ratio Lower Upper
228 100
226 30.0 24.9 37.3
229 21.8 15.8 23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 14.081 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

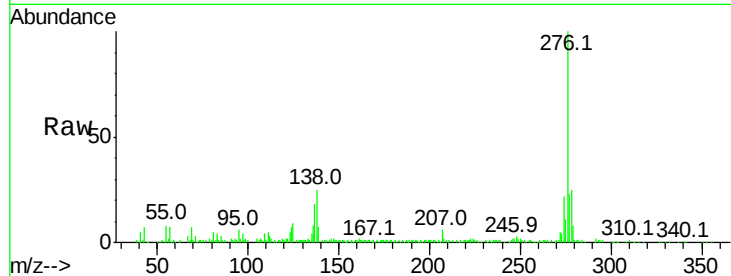
Tot Ion:276 Resp: 150815

Ion Ratio Lower Upper

276 100

138 27.1 27.8 41.6#

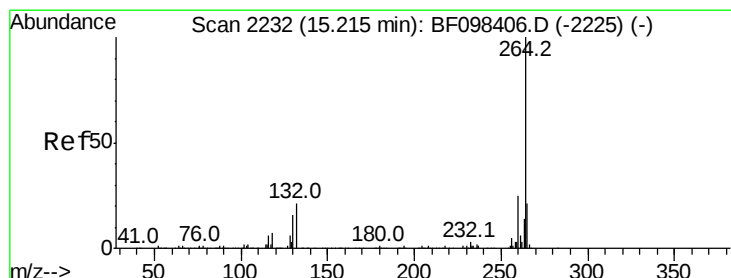
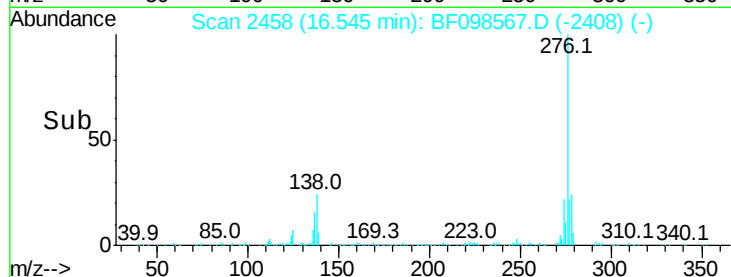
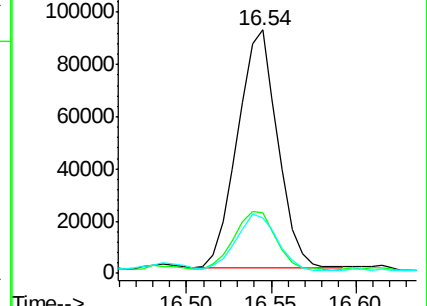
277 24.4 20.2 30.4



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: BF098567.D

Acq: 15 Sep 2017 14:10

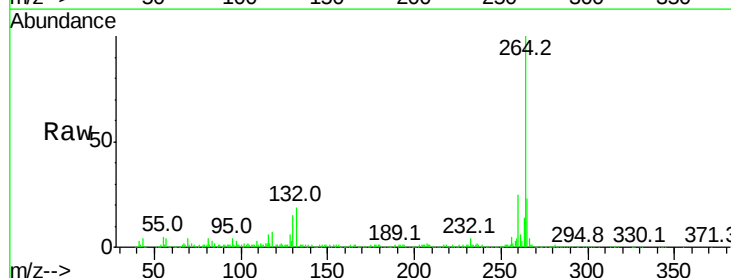
Tgt Ion:264 Resp: 273991

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

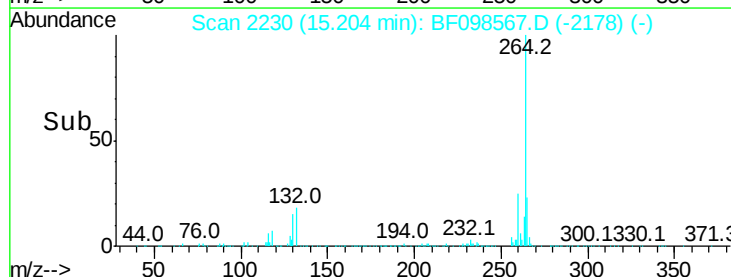
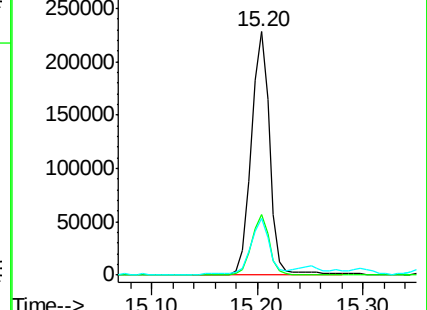
265 23.1 17.2 25.8

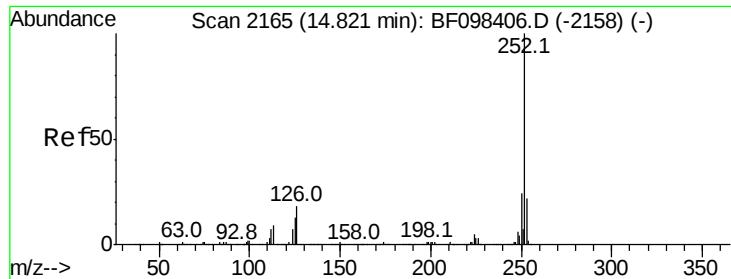


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.752 ng

RT: 14.81 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

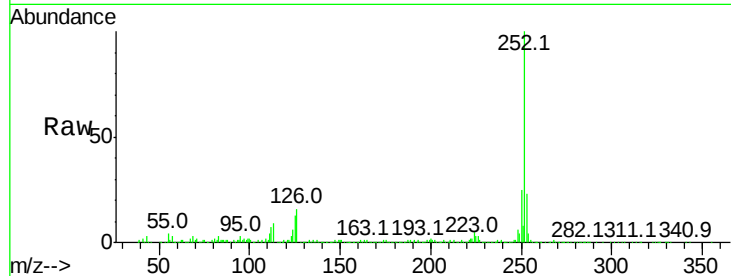
Tot Ion:252 Resp: 615928

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

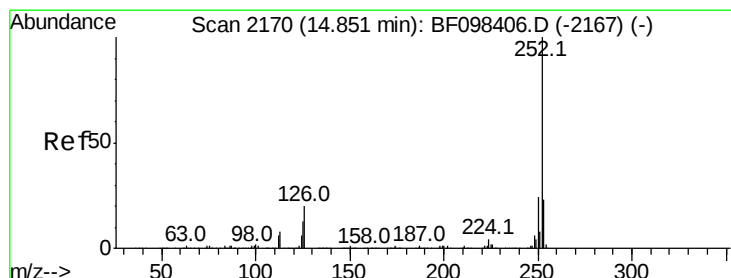
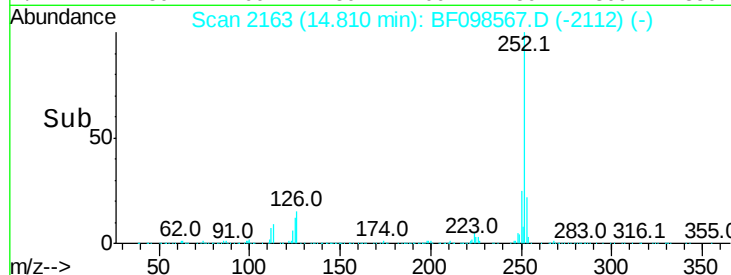
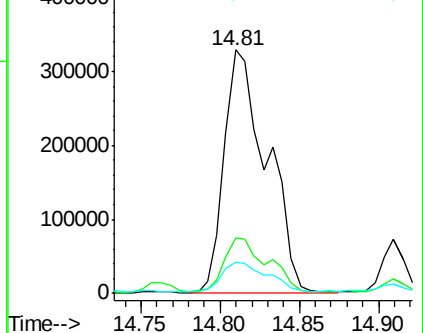
125 13.0 9.8 14.8



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: 4.399 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.07 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

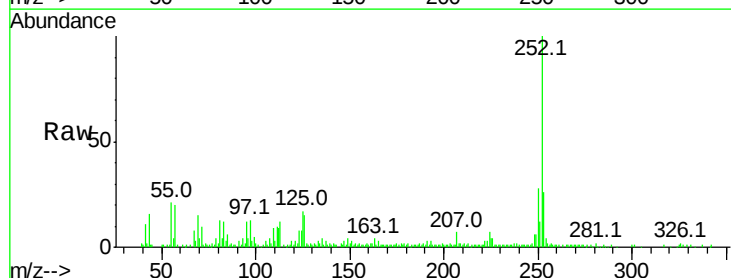
Tgt Ion:252 Resp: 70756

Ion Ratio Lower Upper

252 100

253 26.3 18.4 27.6

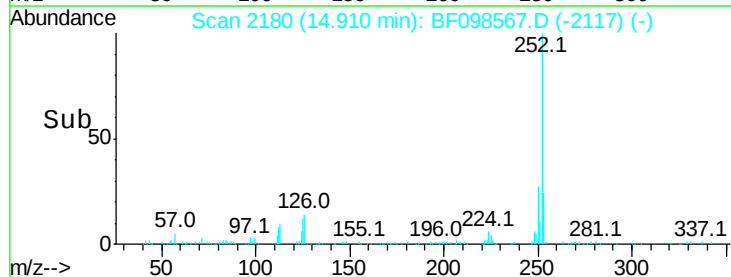
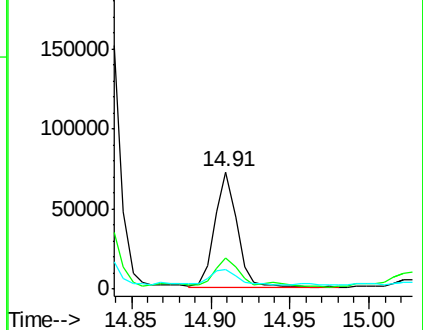
125 16.8 13.1 19.7

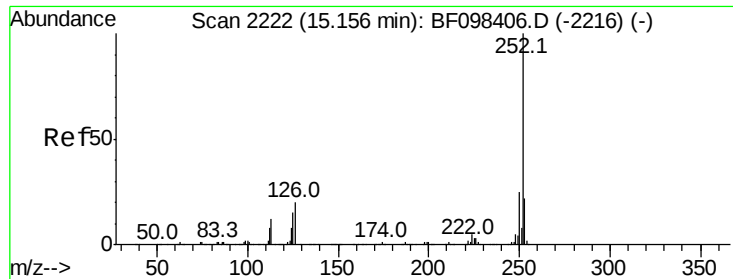


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.371 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

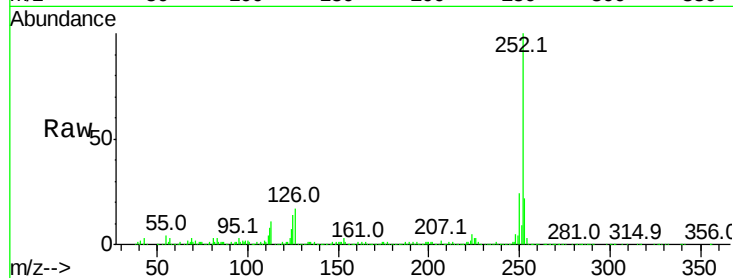
Tot Ion:252 Resp: 328000

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

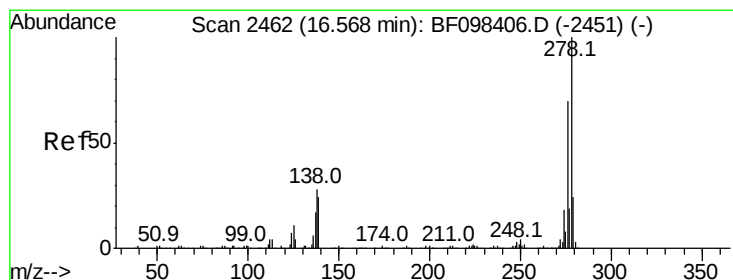
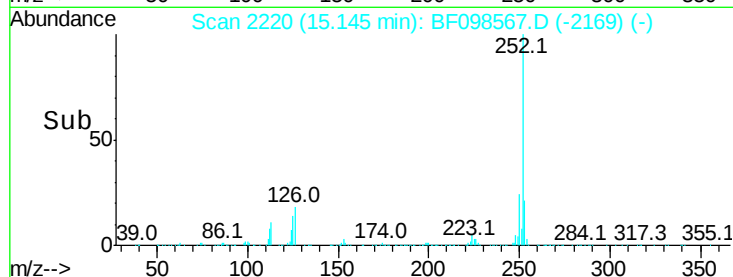
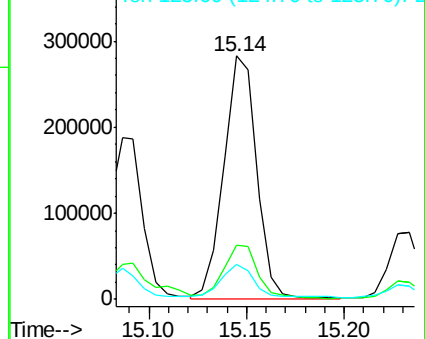
125 14.3 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.140 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.14 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

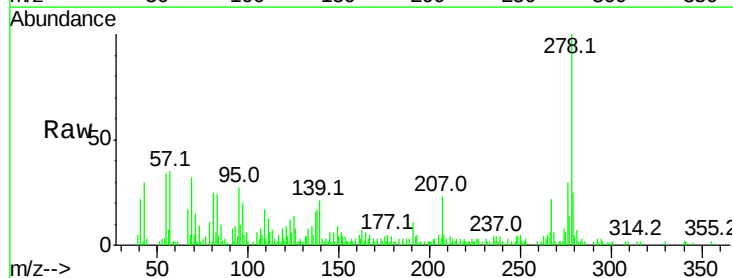
Tgt Ion:278 Resp: 35053

Ion Ratio Lower Upper

278 100

139 20.6 16.6 24.8

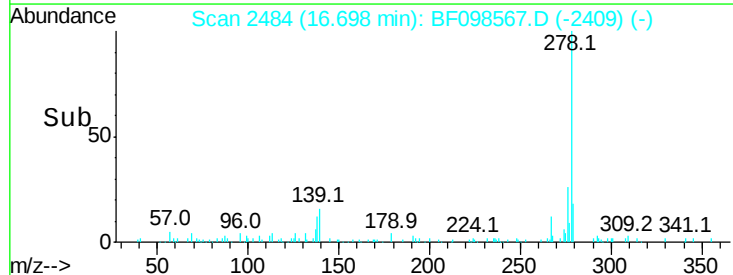
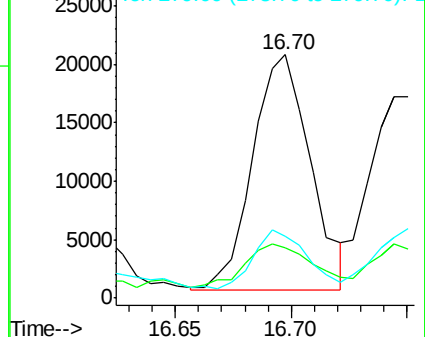
279 25.5 19.3 28.9

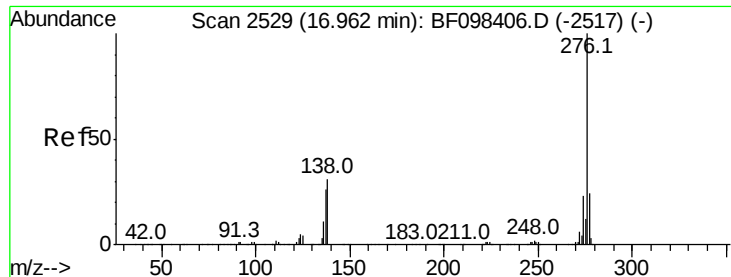


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 12.432 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.00 min

Lab File: BF098567.D

Acq: 15 Sep 2017 14:10

Instrument :

BNA_F

ClientSampleId :

RL-4-0-12.25

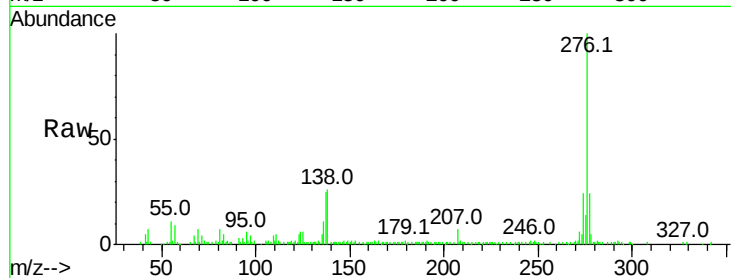
Tot Ion:276 Resp: 139611

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 26.3 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

