

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103298.D
 Acq On : 28 Feb 2018 17:37
 Operator : SJ/JU
 Sample : J1399-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 00:02:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141581	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	557787	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	213185	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	285302	20.00	ng	0.00
75) Chrysene-d12	14.06	240	230096	20.00	ng	0.00
86) Perylene-d12	15.56	264	220287	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	744446	79.52	ng	0.00
7) Phenol-d6	6.50	99	908416	79.30	ng	0.00
23) Nitrobenzene-d5	7.43	82	602687	61.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	113797	63.06	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	812345	61.34	ng	0.00
78) Terphenyl-d14	12.99	244	506458	52.91	ng	0.00

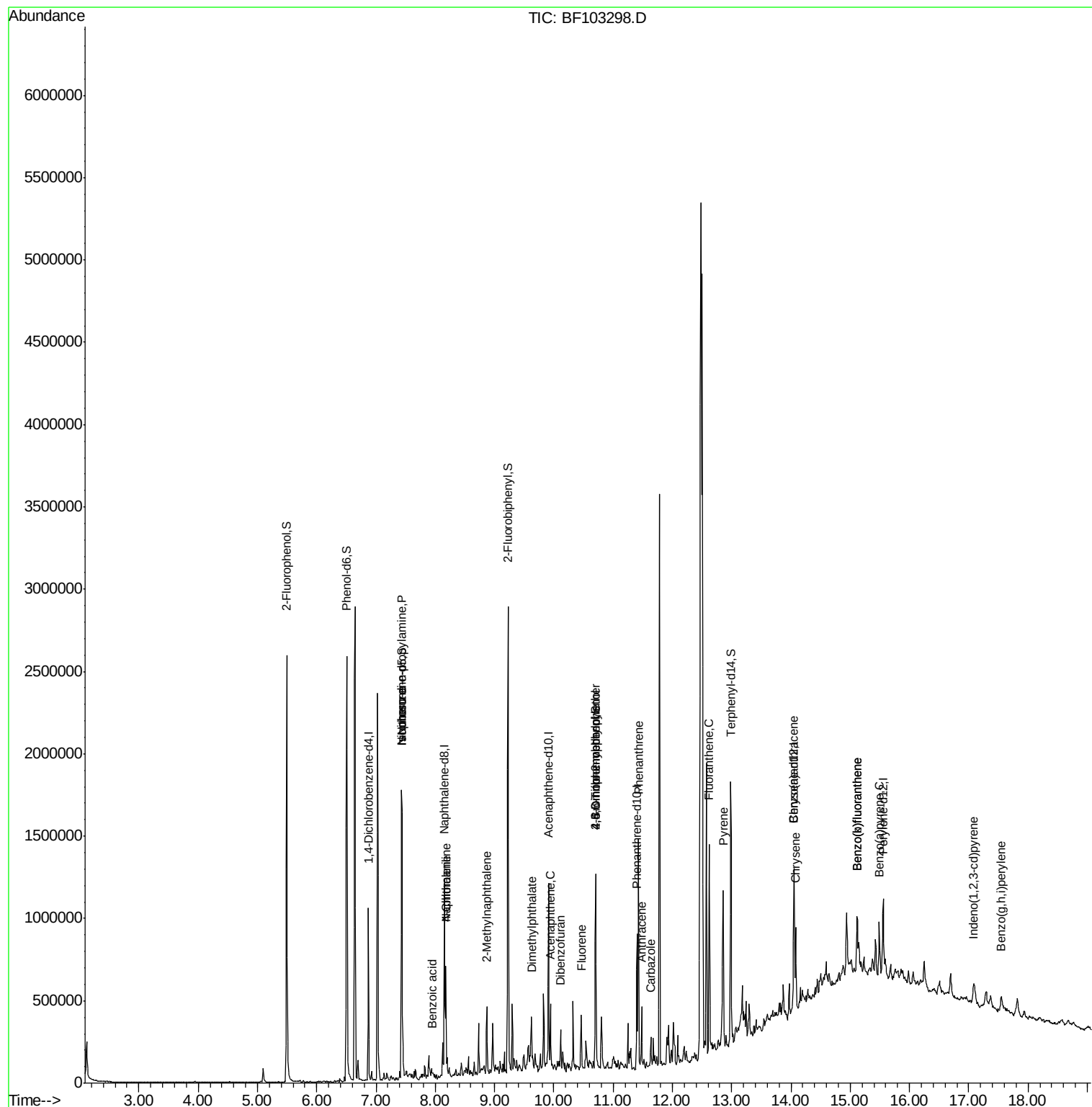
Target Compounds				Qvalue		
9) Benzaldehyde	6.47	77	1177	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	81267	11.399	ng	88
25) Isophorone	7.43	82	596138	30.990	ng	64
31) Naphthalene	8.17	128	266940	9.775	ng	100
32) Benzoic acid	7.95	122	1482	7.135	ng	52
33) 4-Chloroaniline	8.17	127	35063	2.975	ng	38
37) 2-Methylnaphthalene	8.87	142	111346	6.309	ng	98
49) Dimethylphthalate	9.62	163	74270	4.343	ng	100
51) Acenaphthene	9.95	154	79741	6.289	ng	100
54) Dibenzofuran	10.12	168	69836	4.012	ng	97
57) Fluorene	10.46	166	88558	5.973	ng	99
64) 4,6-Dinitro-2-methylphenol	10.70	198	155	5.025	ng	1
66) 4-Bromophenyl-phenylether	10.70	248	8040	2.705	ng	1
70) Phenanthrene	11.43	178	464622	29.592	ng	99
71) Anthracene	11.48	178	140543	8.729	ng	98
72) Carbazole	11.64	167	72753	4.538	ng	99
74) Fluoranthene	12.62	202	469457	29.754	ng	98
77) Pyrene	12.86	202	411449	22.935	ng	99
80) Benzo(a)anthracene	14.04	228	216015	14.469	ng	98
82) Chrysene	14.08	228	179818	12.405	ng	97
85) Indeno(1,2,3-cd)pyrene	17.08	276	71398	6.221	ng	96
87) Benzo(b)fluoranthene	15.12	252	293985	20.298	ng	# 91
88) Benzo(k)fluoranthene	15.12	252	293985	21.555	ng	# 94
89) Benzo(a)pyrene	15.49	252	154358	11.934	ng	# 92
91) Benzo(g,h,i)perylene	17.55	276	66387	6.797	ng	# 92

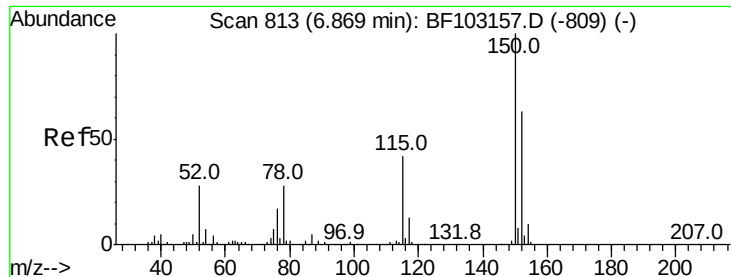
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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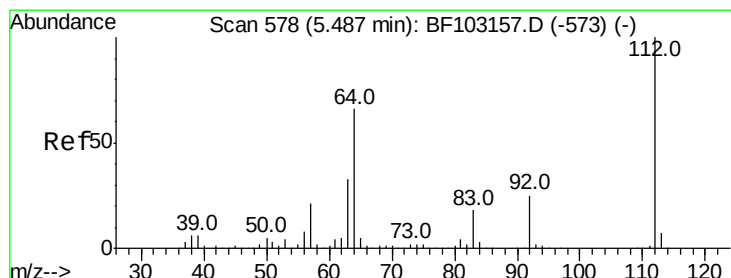
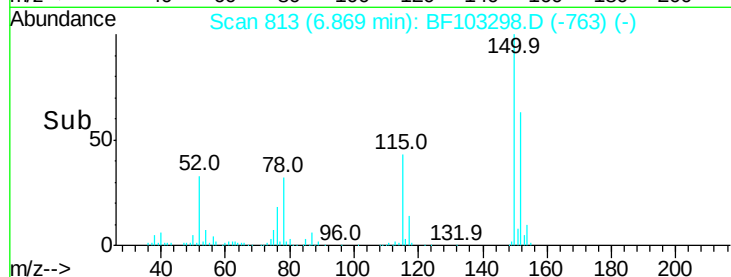
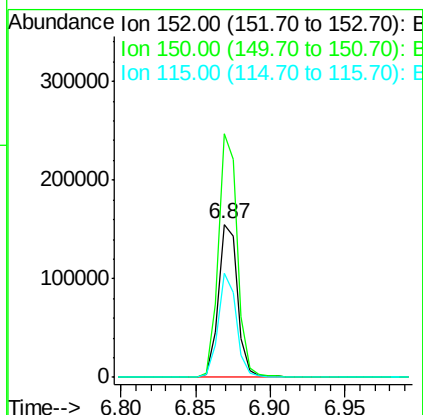
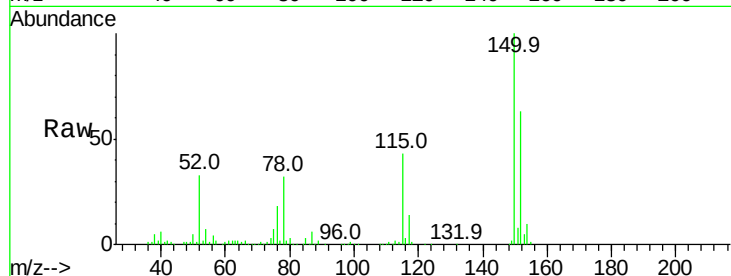


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :

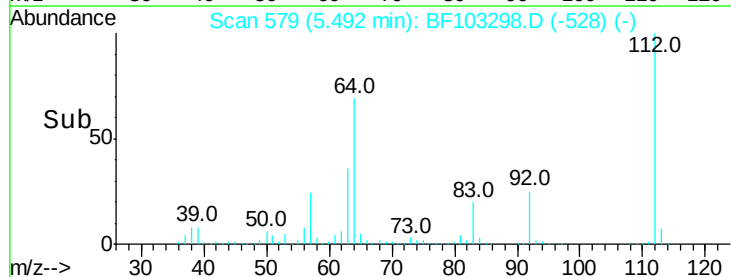
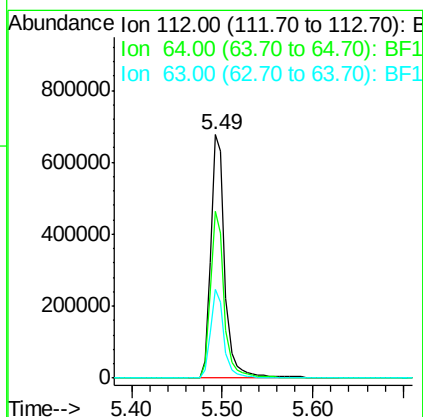
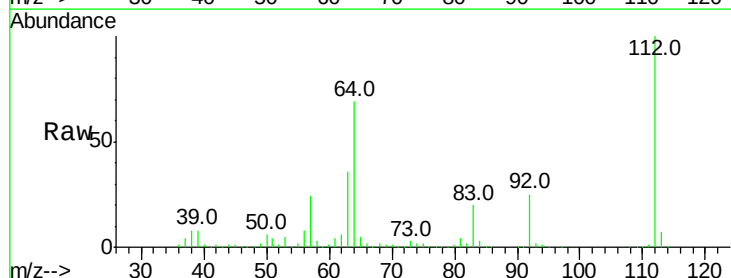
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	68.3	50.1	75.1

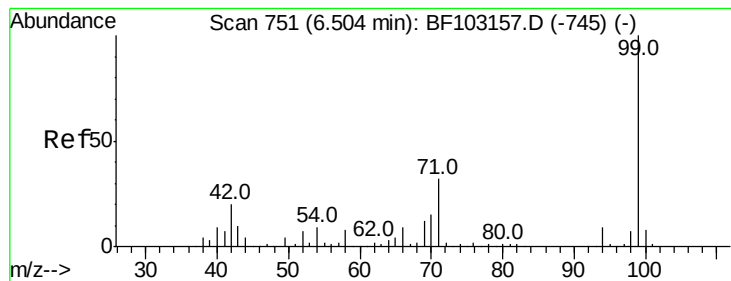


#5

2-Fluorophenol
Concen: 79.525 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	47.9	71.9
63	36.4	23.7	35.5





#7

Phenol-d6

Concen: 79.304 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

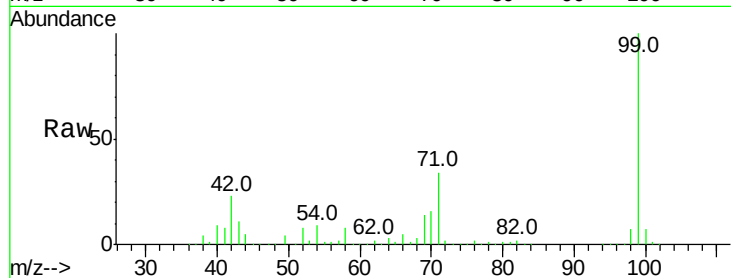
Tot Ion: 99 Resp: 908416

Ion Ratio Lower Upper

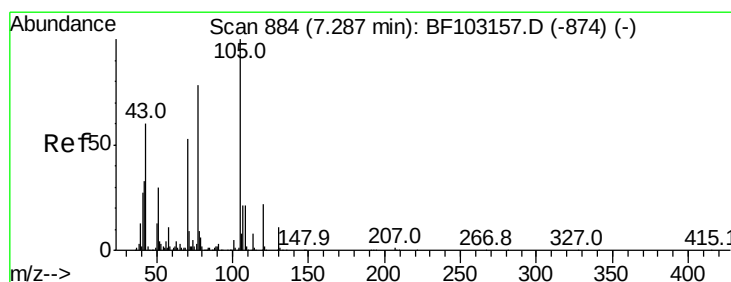
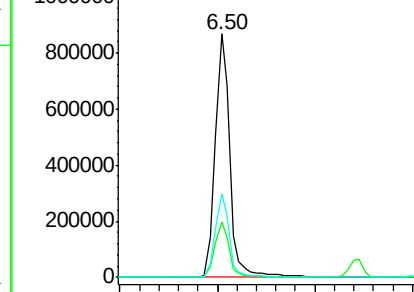
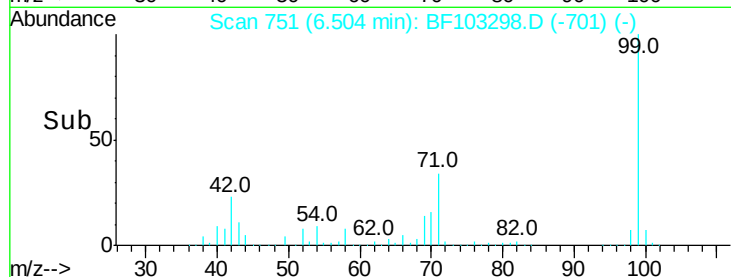
99 100

42 22.8 14.5 21.7#

71 34.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.399 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Tgt Ion: 70 Resp: 81267

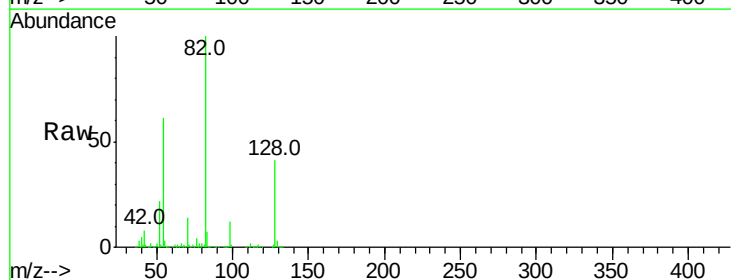
Ion Ratio Lower Upper

70 100

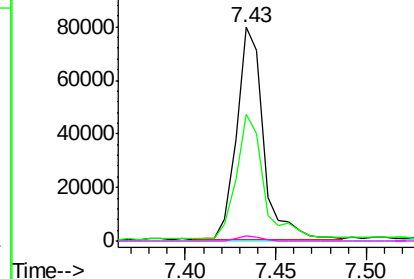
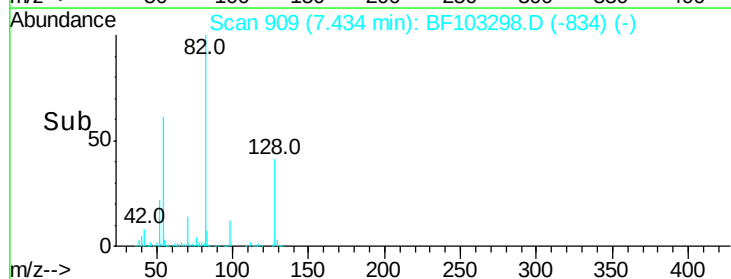
42 59.2 47.5 71.3

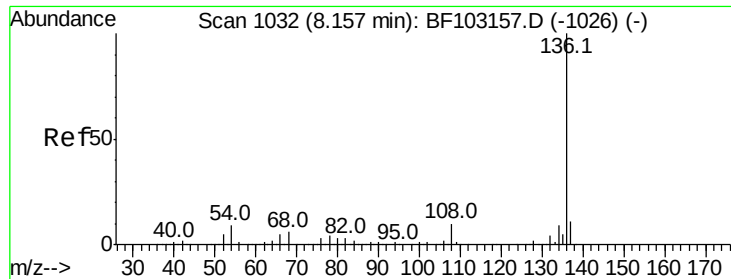
101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

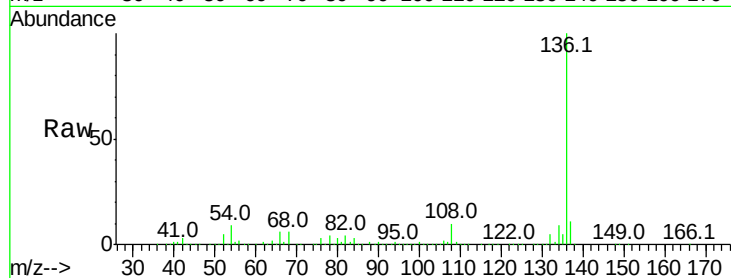




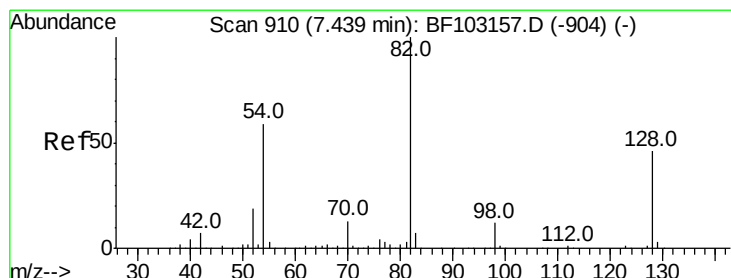
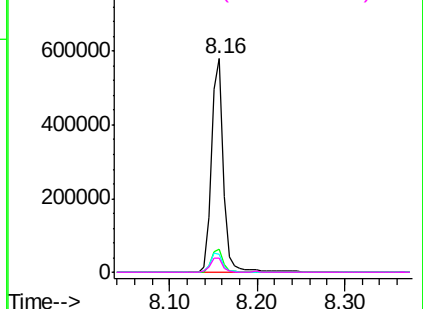
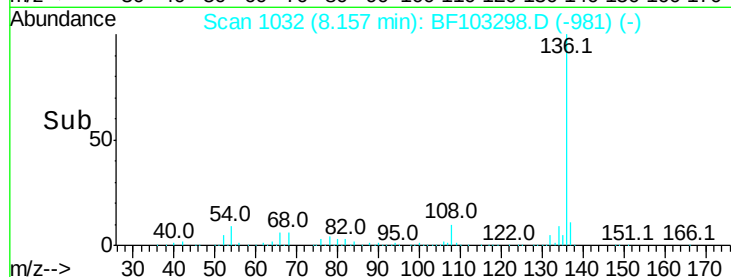
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	557787
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.7	6.6	9.8
68	6.4	5.0	7.4

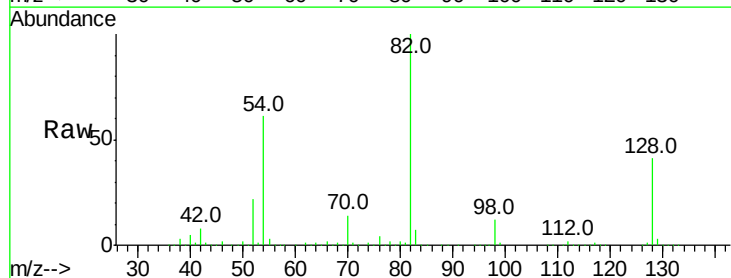


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

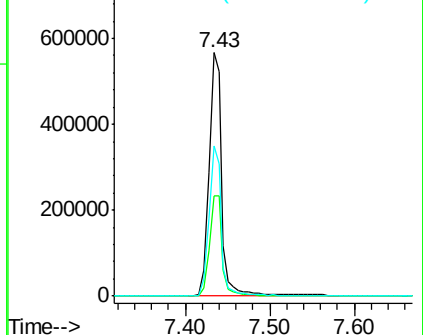
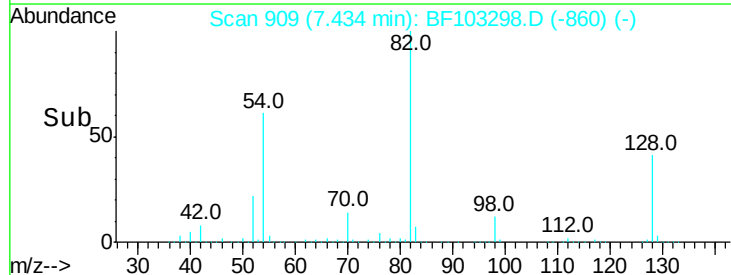


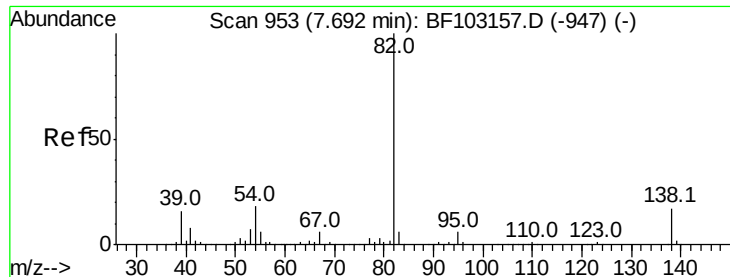
#23
Nitrobenzene-d5
Concen: 61.705 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Tgt Ion:	82	Resp:	602687
Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	61.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.990 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

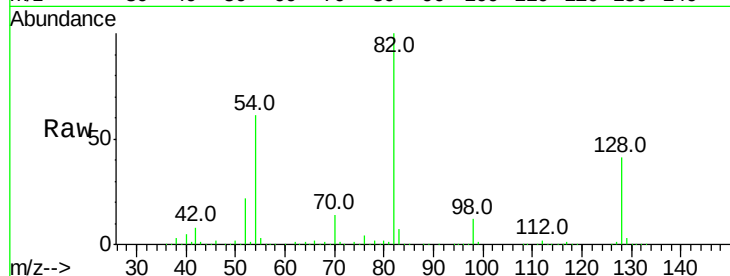
Tot Ion: 82 Resp: 596138

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

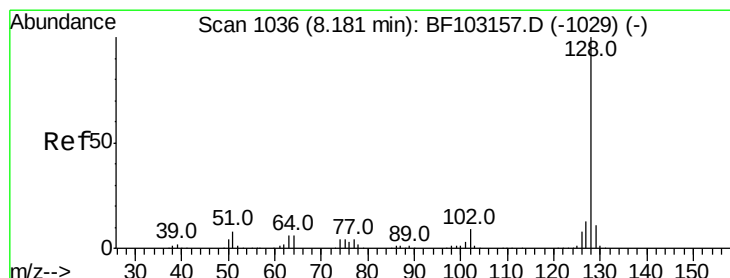
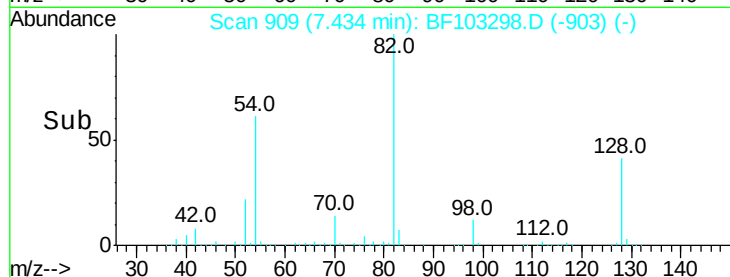
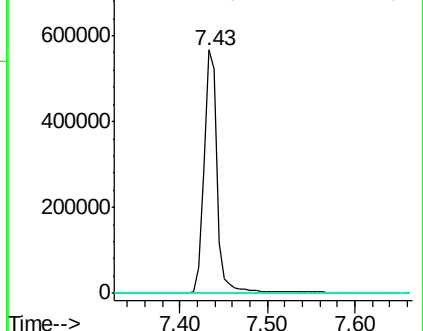
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 9.775 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

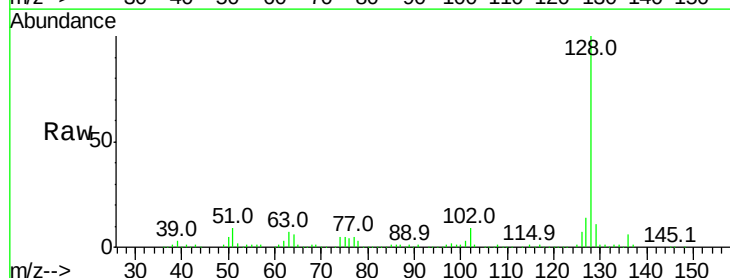
Tgt Ion: 128 Resp: 266940

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

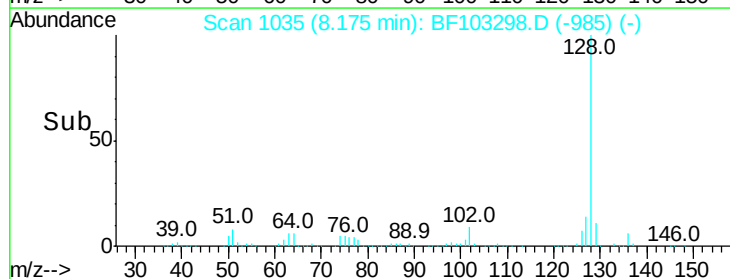
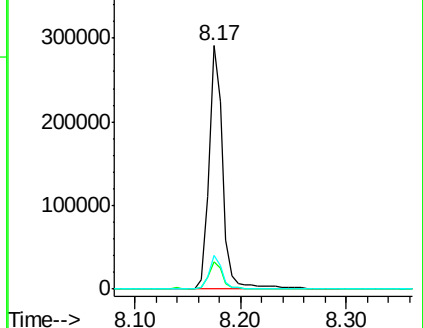
127 13.6 10.9 16.3

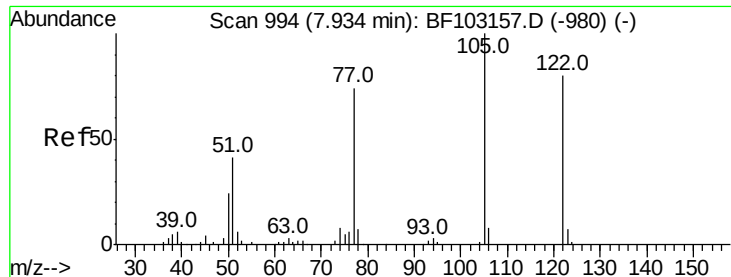


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.135 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

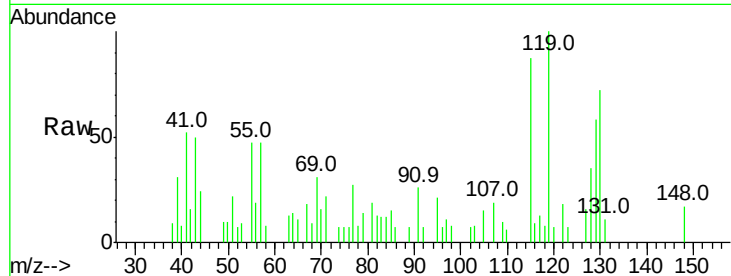
Tot Ion:122 Resp: 1482

Ion Ratio Lower Upper

122 100

105 85.5 101.1 141.1#

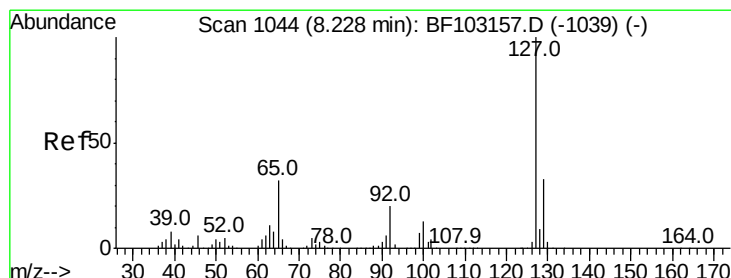
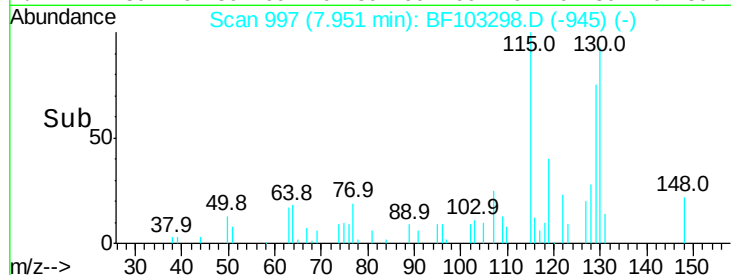
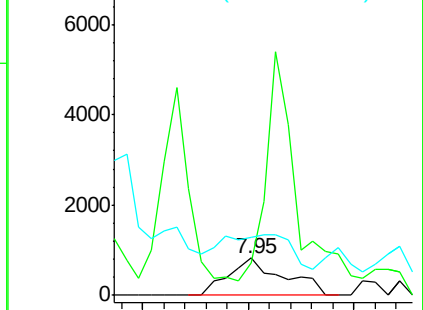
77 155.7 70.7 110.7#



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): BF1



#33

4-Chloroaniline

Concen: 2.975 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Tgt Ion:127 Resp: 35063

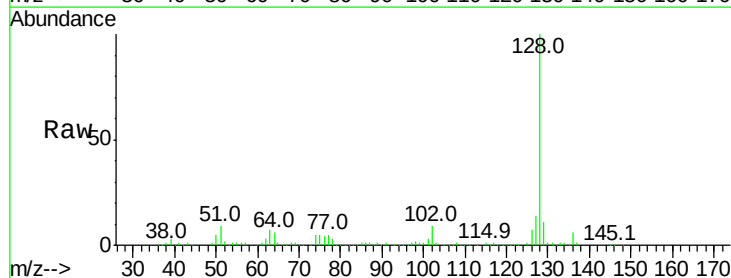
Ion Ratio Lower Upper

127 100

129 81.5 25.9 38.9#

65 4.8 25.0 37.4#

92 0.0 15.2 22.8#

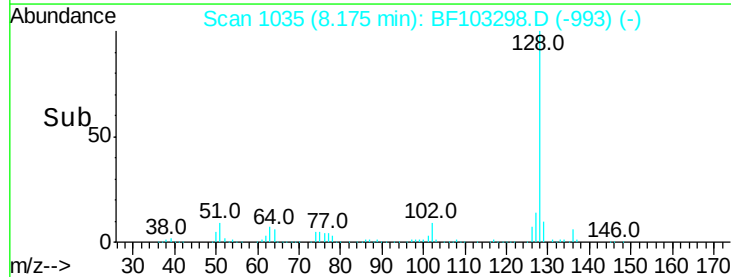
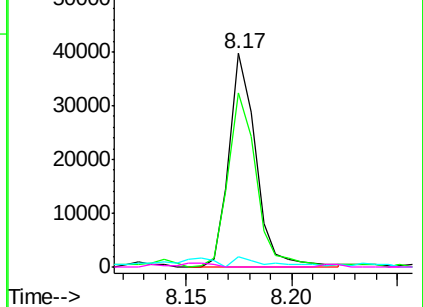


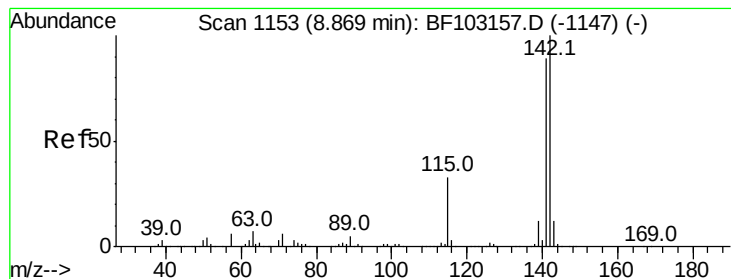
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 6.309 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

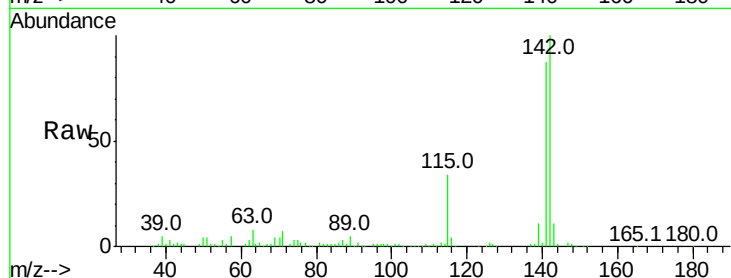
Tot Ion:142 Resp: 111346

Ion Ratio Lower Upper

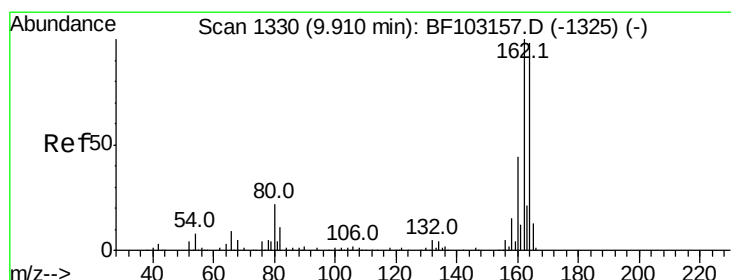
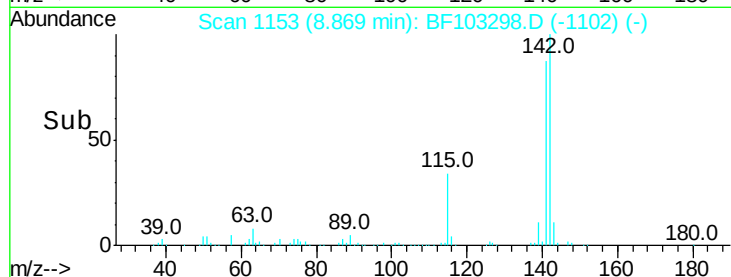
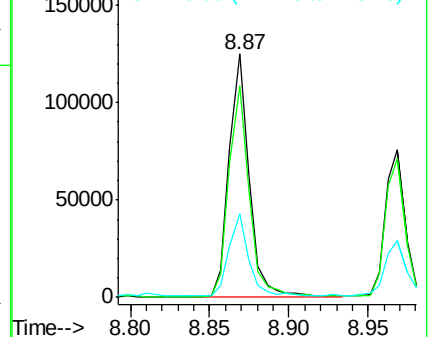
142 100

141 86.9 70.8 106.2

115 34.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

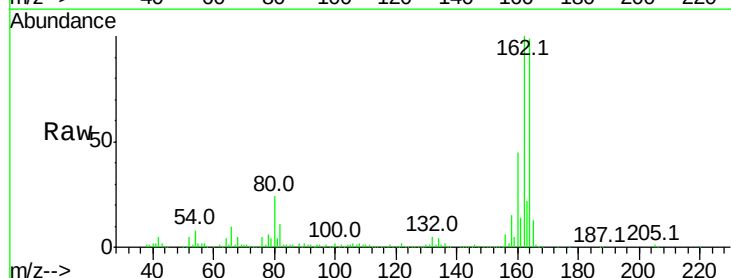
Tgt Ion:164 Resp: 213185

Ion Ratio Lower Upper

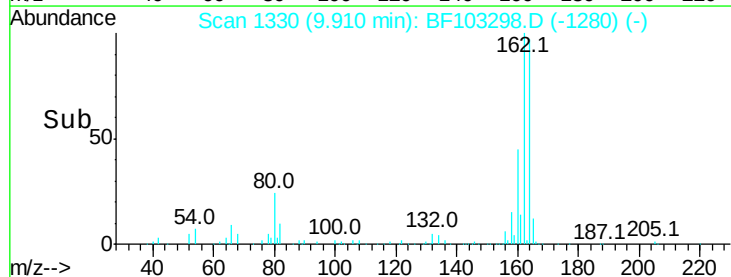
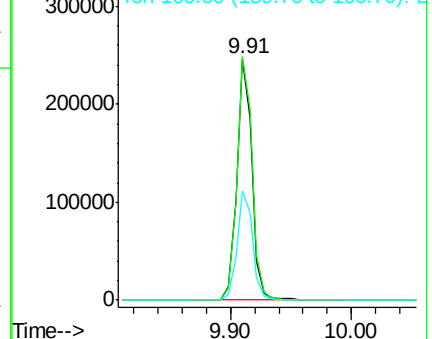
164 100

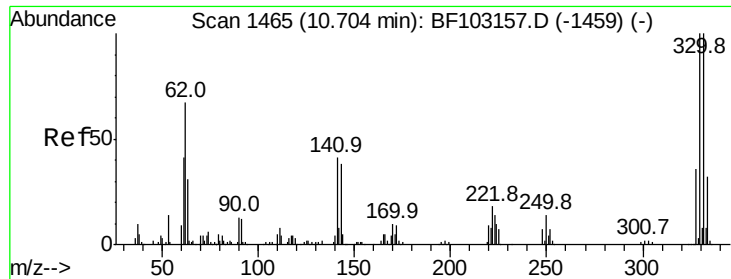
162 100.8 86.1 129.1

160 44.9 38.3 57.5



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

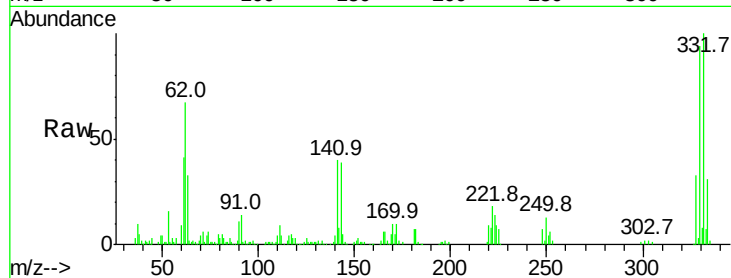




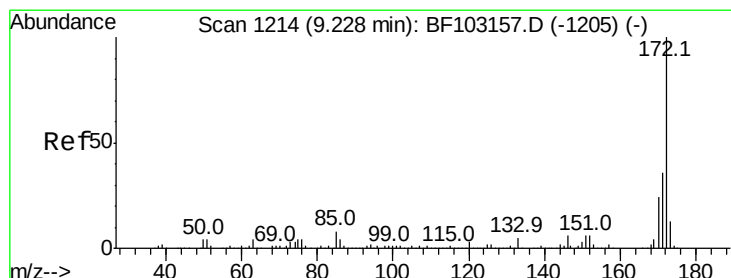
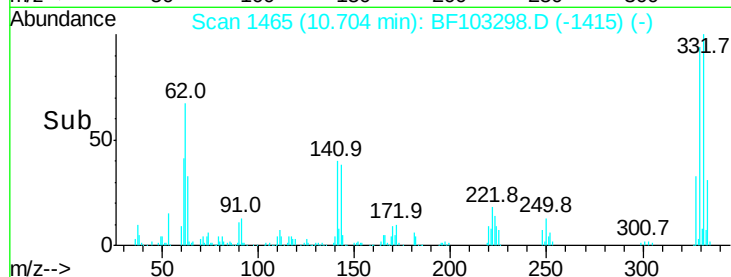
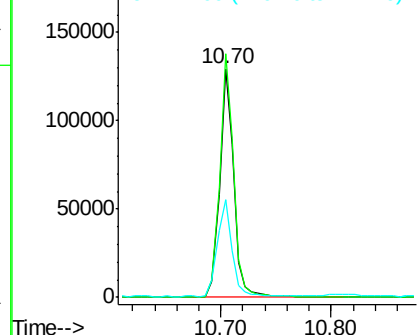
#41
 2,4,6-Tribromophenol
 Concen: 63.063 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103298.D
 Acq: 28 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 113797
 Ion Ratio Lower Upper
 330 100
 332 105.1 77.0 115.6
 141 43.2 29.9 44.9

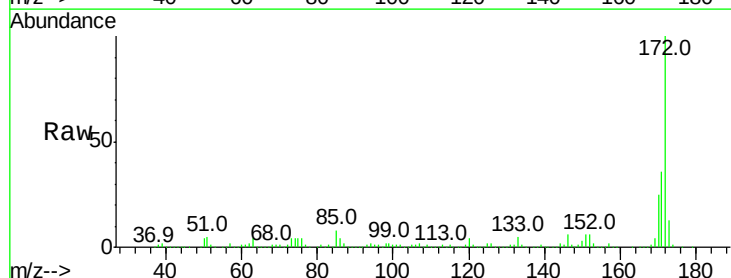


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

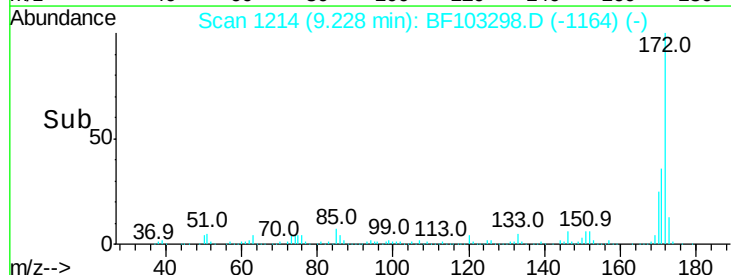
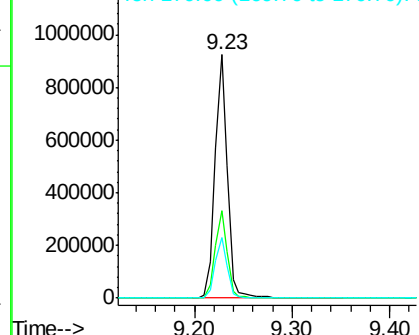


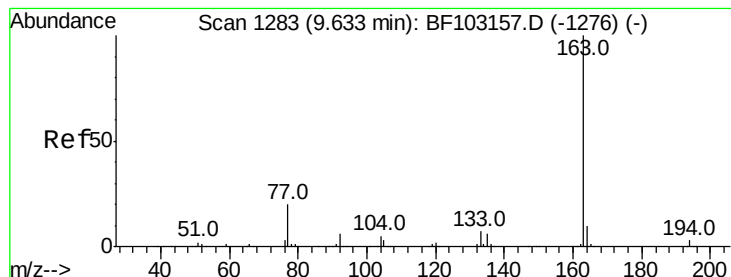
#44
 2-Fluorobiphenyl
 Concen: 61.337 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103298.D
 Acq: 28 Feb 2018 17:37

Tgt Ion:172 Resp: 812345
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.8 19.6 29.4



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: 4.343 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampled :

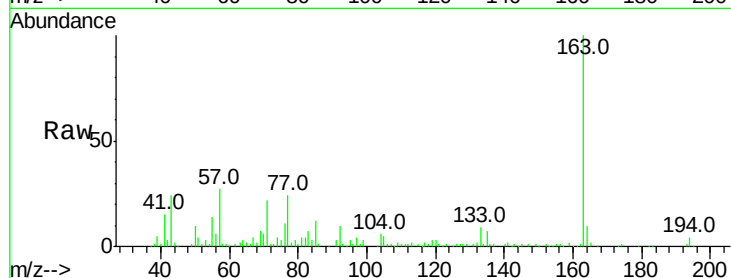
Tot Ion:163 Resp: 74270

Ion Ratio Lower Upper

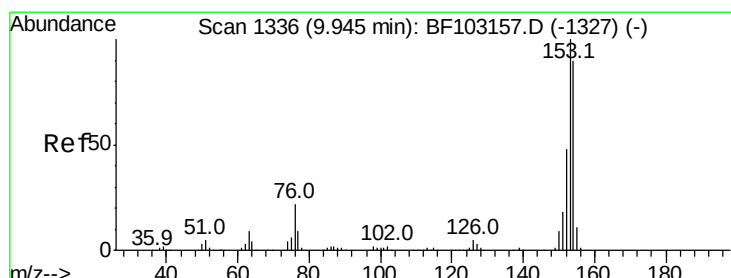
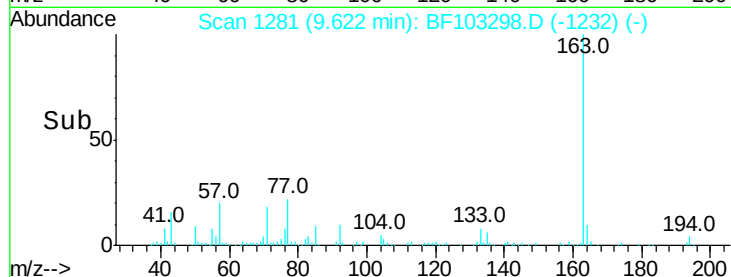
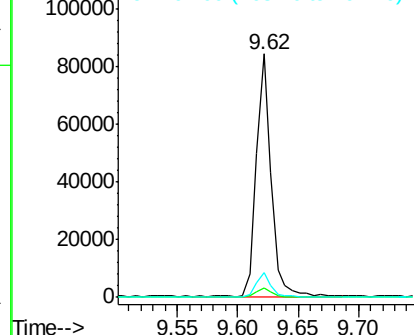
163 100

194 3.9 2.7 4.1

164 10.2 8.2 12.2



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: 6.289 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

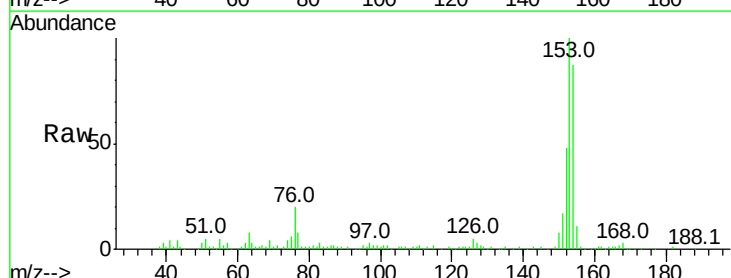
Tgt Ion:154 Resp: 79741

Ion Ratio Lower Upper

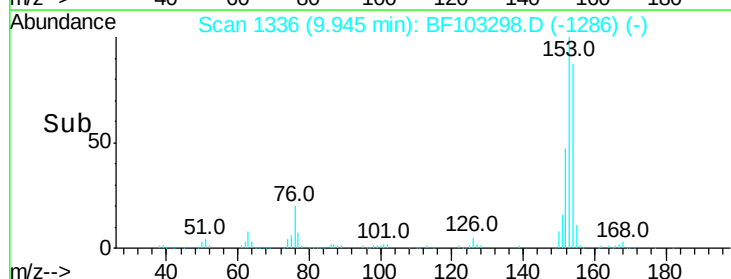
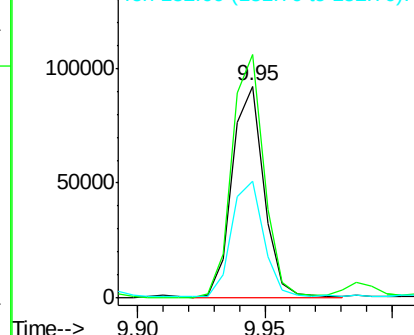
154 100

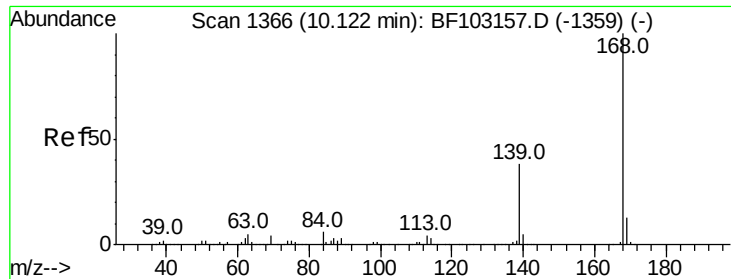
153 114.7 91.2 136.8

152 54.9 43.8 65.8



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

Dibenzenofuran

Concen: 4.012 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

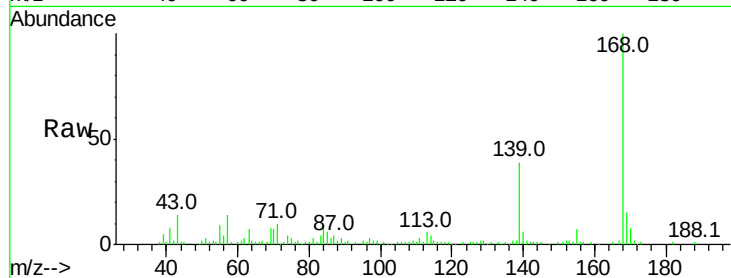
Tot Ion:168 Resp: 69836

Ion Ratio Lower Upper

168 100

139 39.3 30.1 45.1

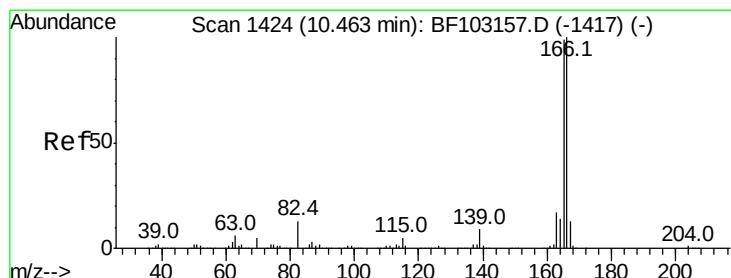
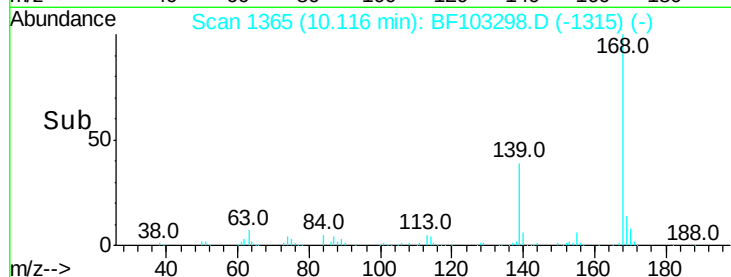
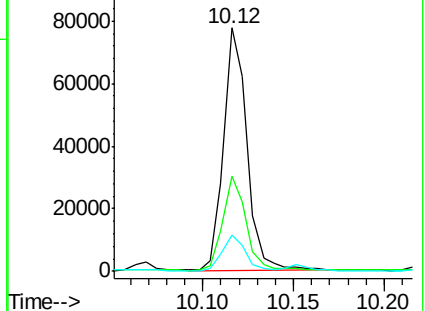
169 14.8 10.9 16.3



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: 5.973 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

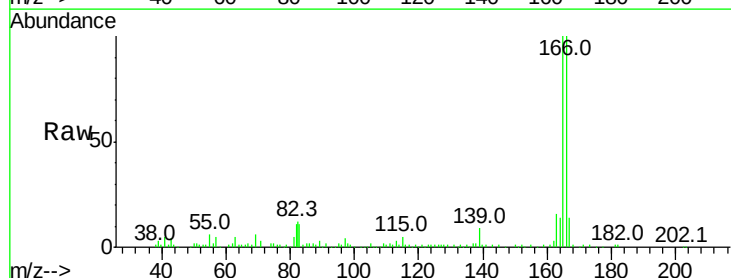
Tgt Ion:166 Resp: 88558

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

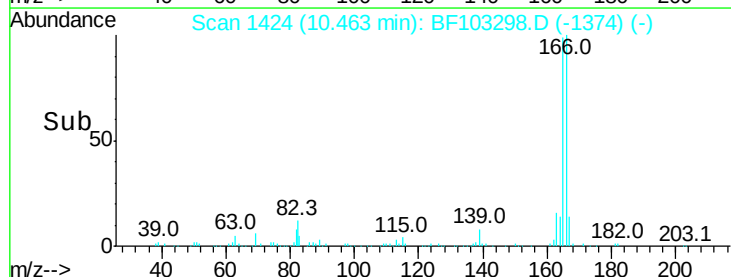
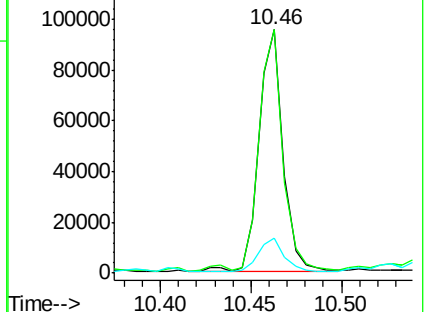
167 14.4 10.6 16.0

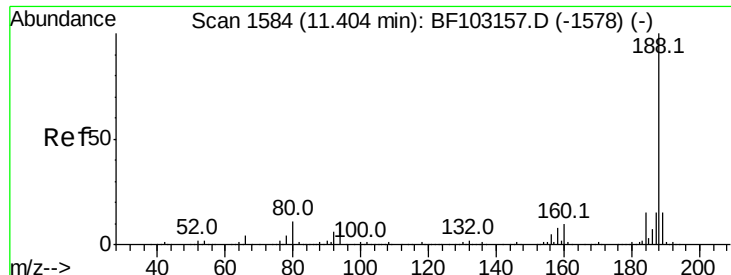


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

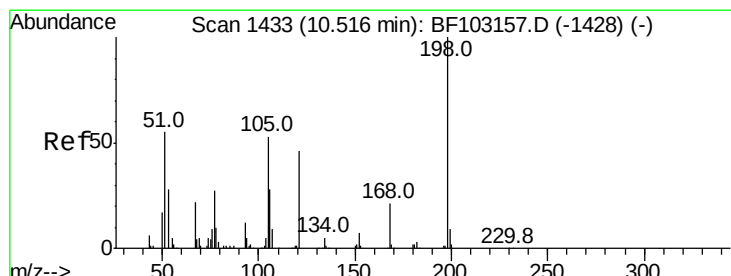
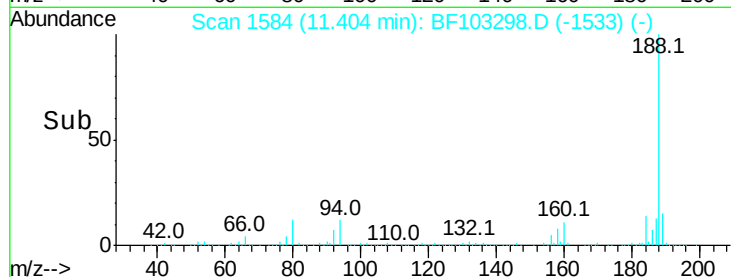
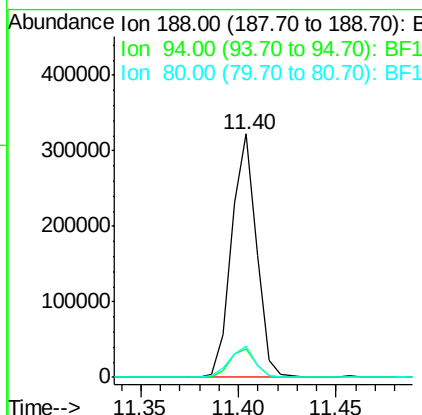
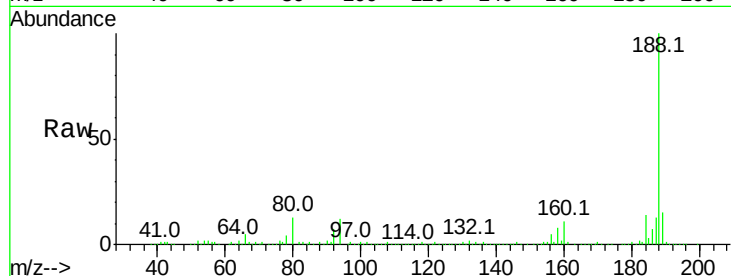




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

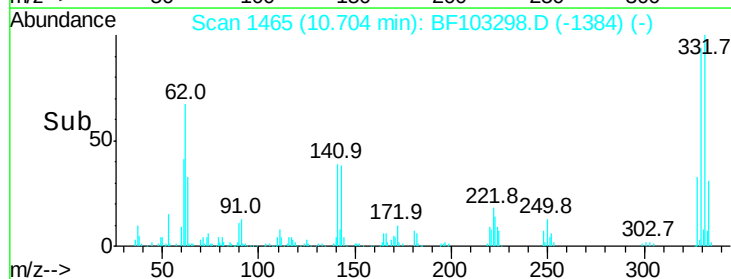
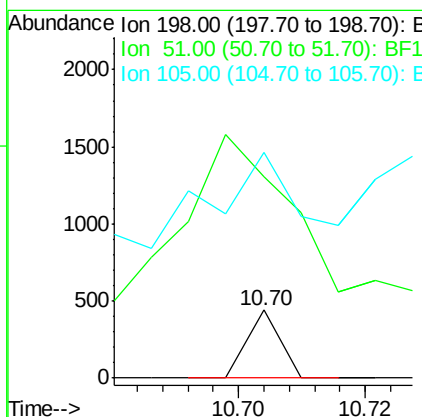
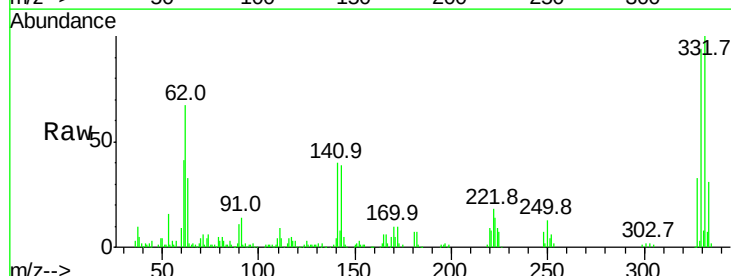
Instrument :
BNA_F
ClientSampleId :

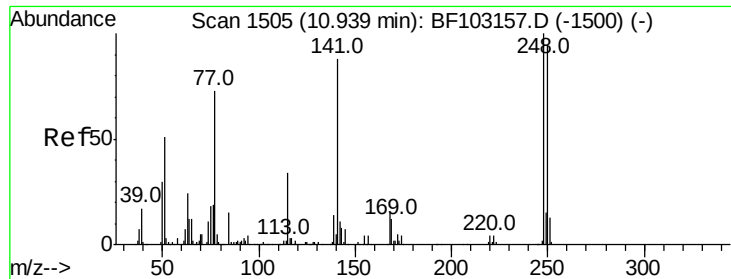
Tot Ion:188 Resp: 285302
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.025 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Tgt Ion:198 Resp: 155
Ion Ratio Lower Upper
198 100
51 297.3 37.7 77.7#
105 333.7 36.3 76.3#

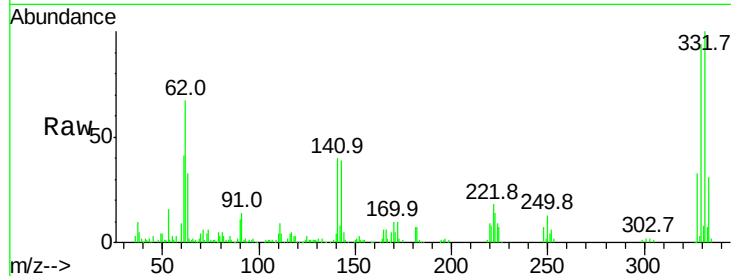




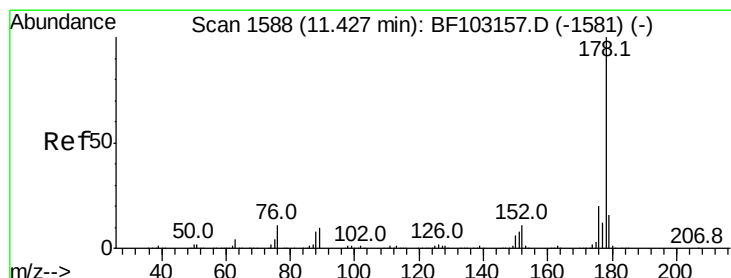
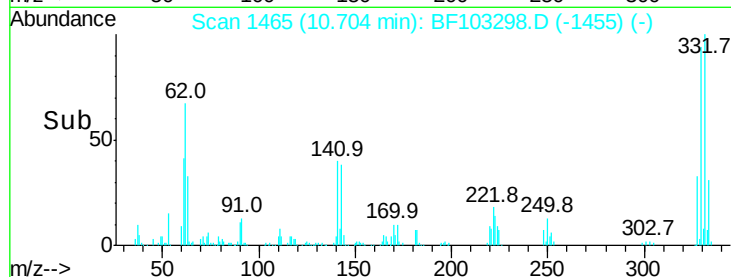
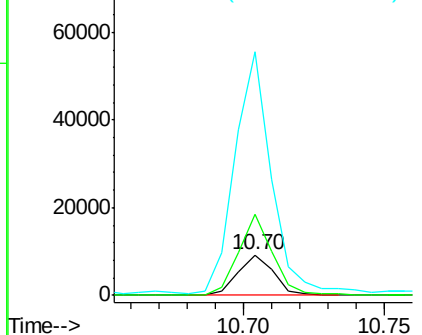
#66
4-Bromophenyl-phenylether
Concen: 2.705 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8040
Ion Ratio Lower Upper
248 100
250 201.7 76.9 115.3#
141 604.0 74.4 111.6#

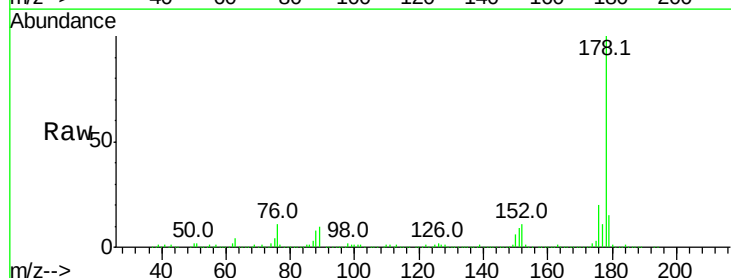


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

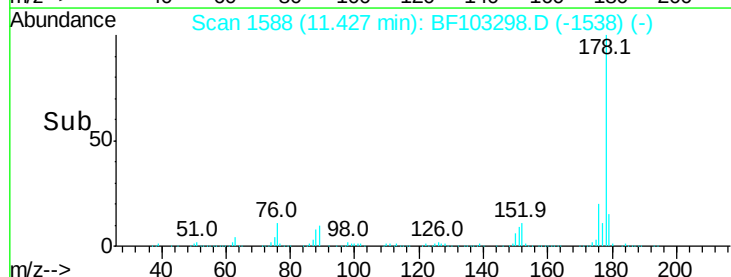
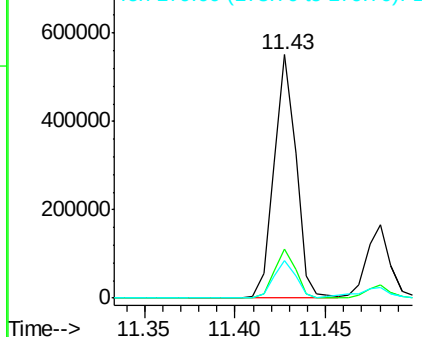


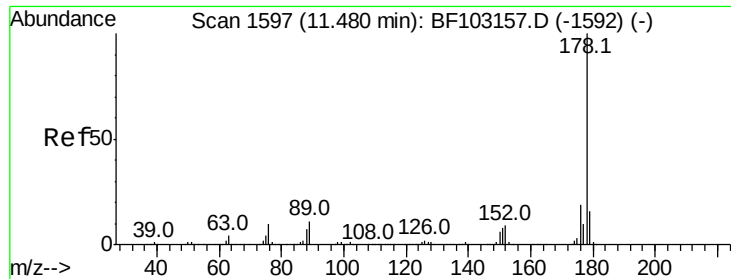
#70
Phenanthrene
Concen: 29.592 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Tgt Ion:178 Resp: 464622
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.5 13.0 19.6



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

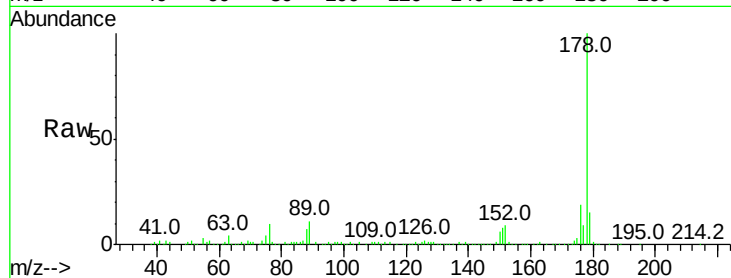




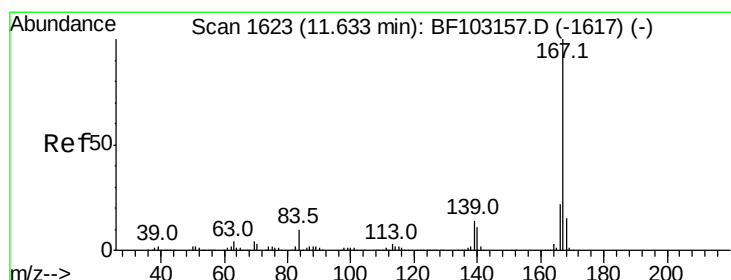
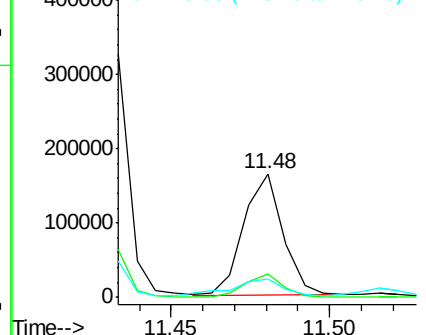
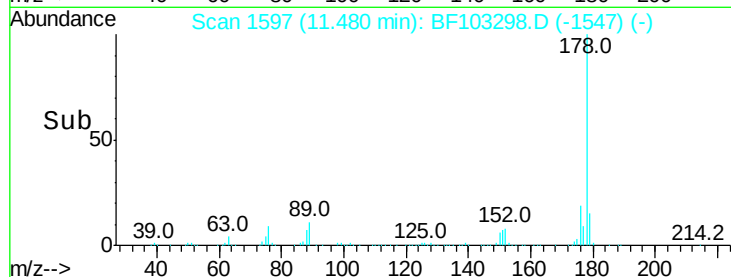
#71
 Anthracene
 Concen: 8.729 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF103298.D
 Acq: 28 Feb 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 140543
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 14.7 12.6 19.0

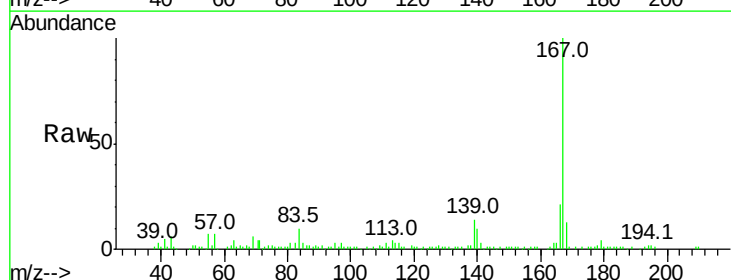


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

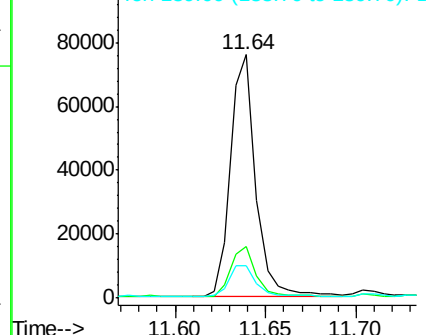
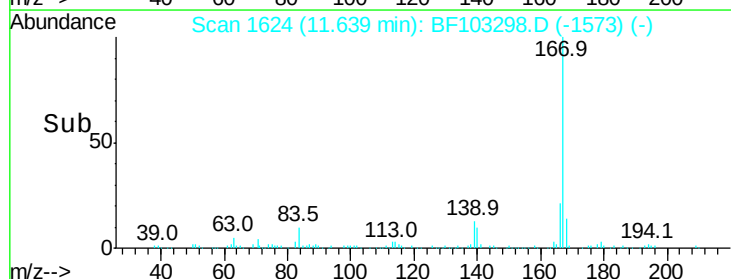


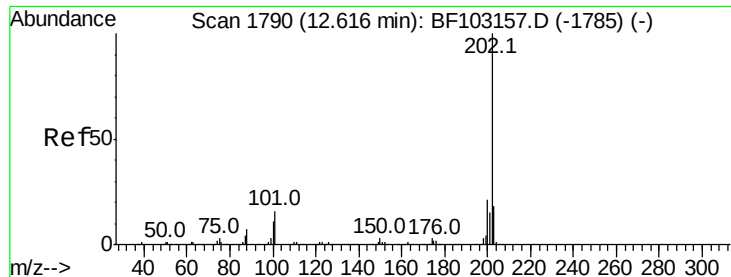
#72
 Carbazole
 Concen: 4.538 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103298.D
 Acq: 28 Feb 2018 17:37

Tgt Ion:167 Resp: 72753
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 13.5 10.9 16.3



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: 29.754 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103298.D

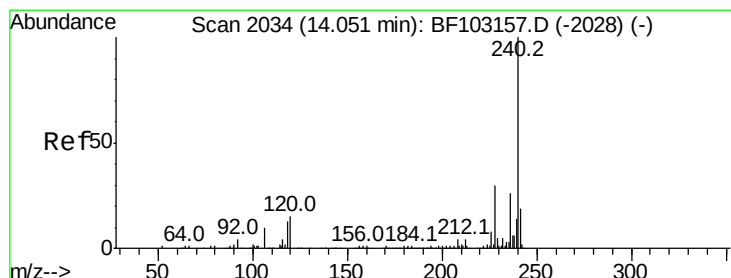
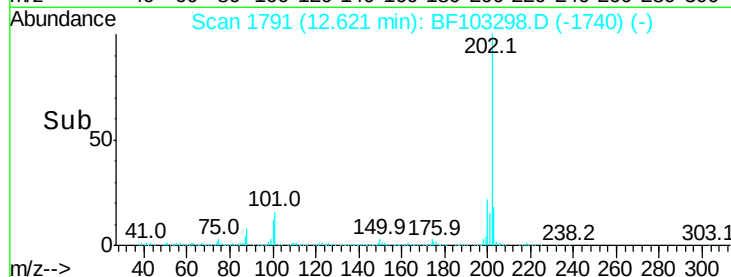
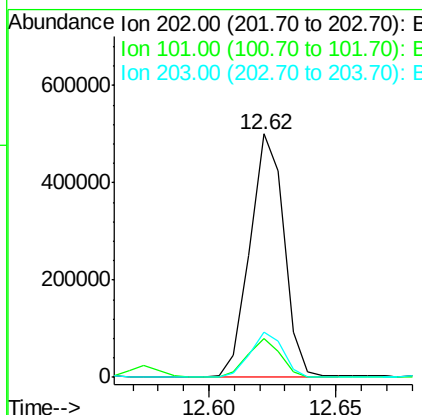
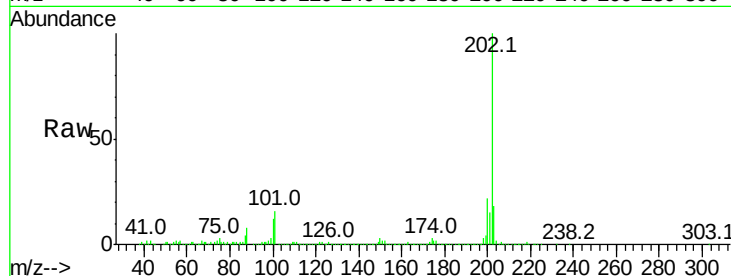
Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	469457
Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	34.1
203	18.4	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

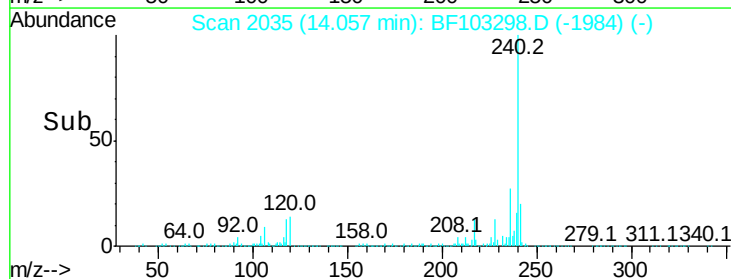
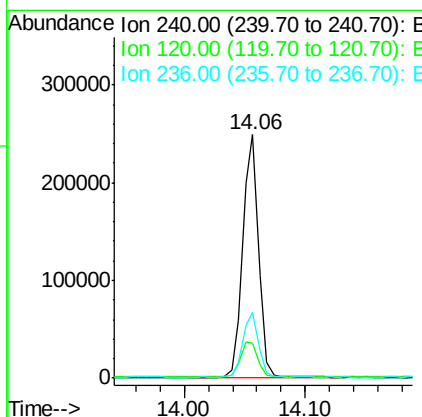
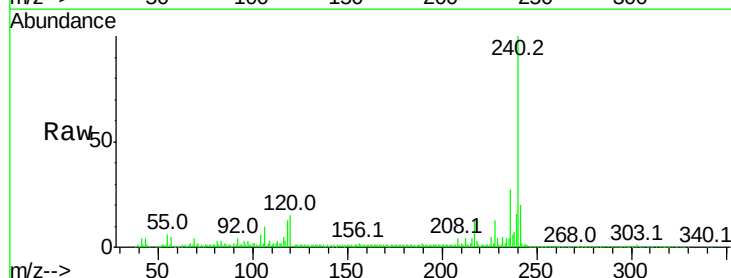
RT: 14.06 min Scan# 2035

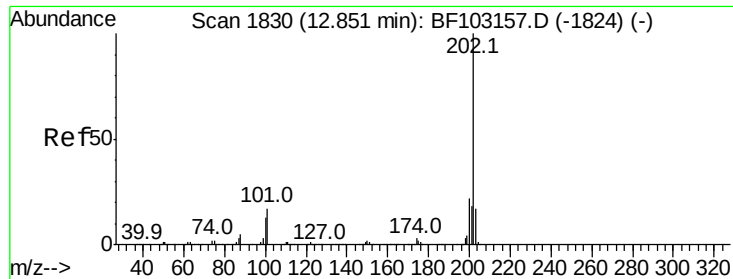
Delta R.T. -0.00 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Tgt Ion:	240	Resp:	230096
Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	27.1	20.7	31.1

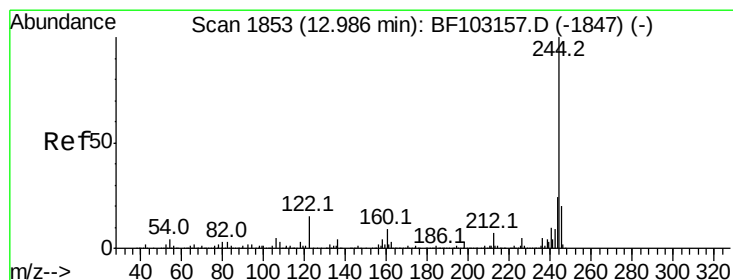
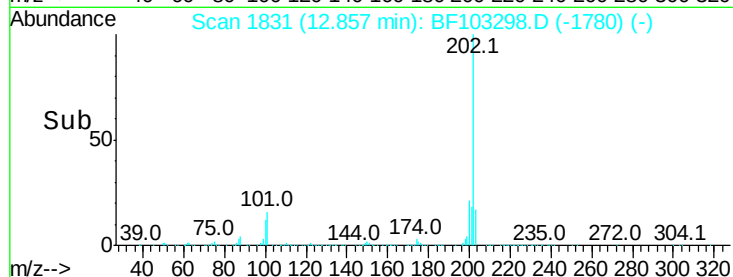
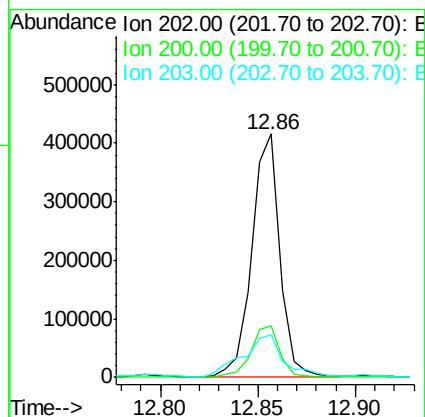
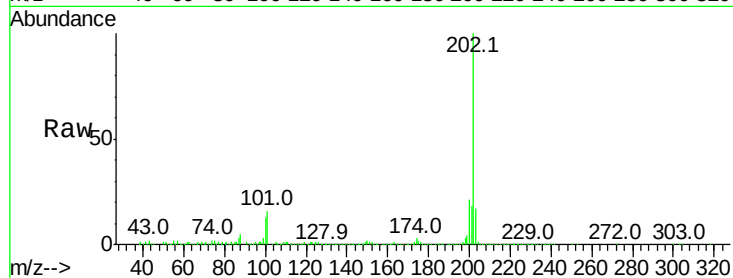




#77
Pvrene
Concen: 22.935 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

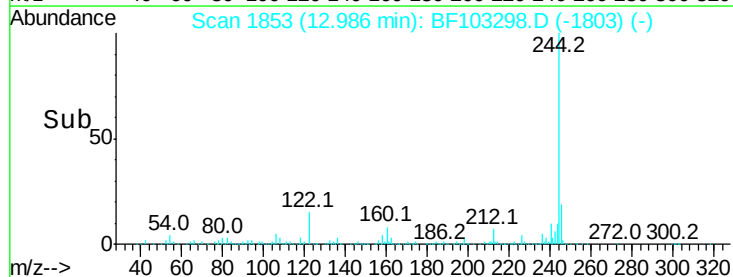
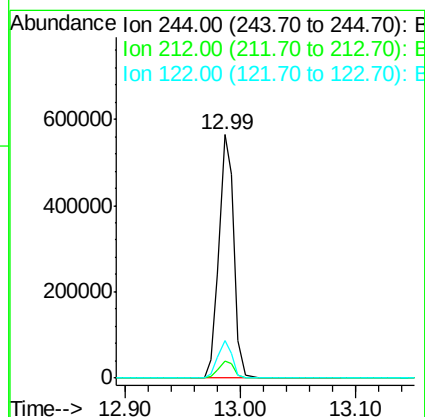
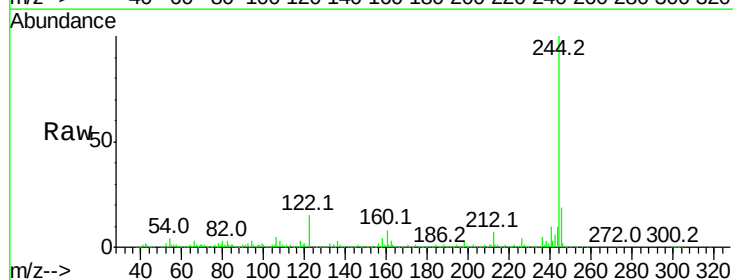
Instrument :
BNA_F
ClientSampleId :

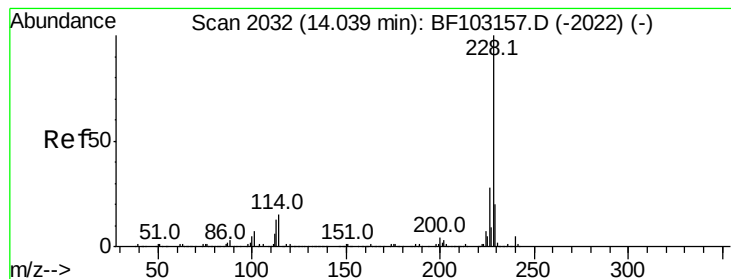
Tot Ion:202 Resp: 411449
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 52.911 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Tgt Ion:244 Resp: 506458
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 15.3 11.0 16.4





#80

Benzo(a)anthracene

Concen: 14.469 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

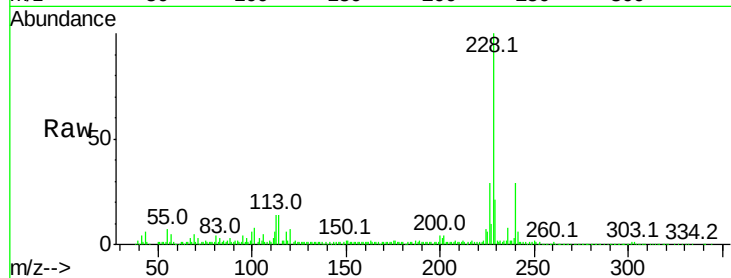
Tot Ion:228 Resp: 216015

Ion Ratio Lower Upper

228 100

226 29.2 22.6 33.8

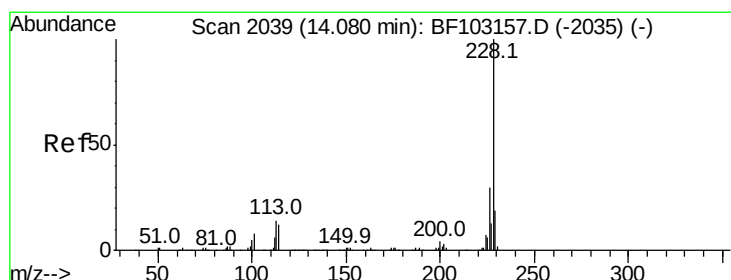
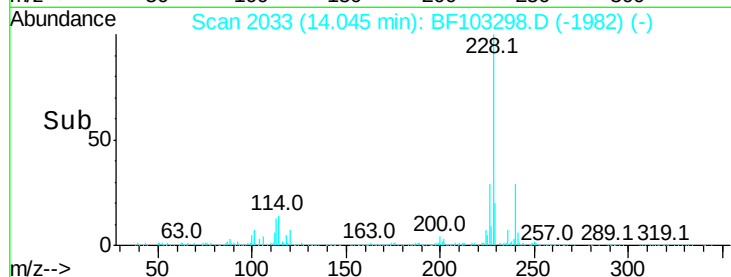
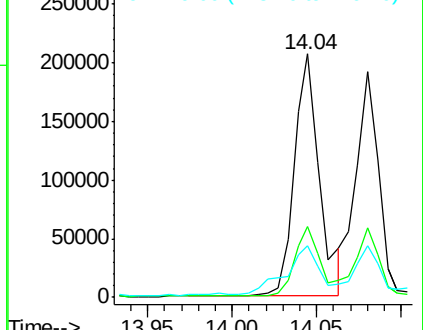
229 21.2 15.8 23.6



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



#82

Chrysene

Concen: 12.405 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

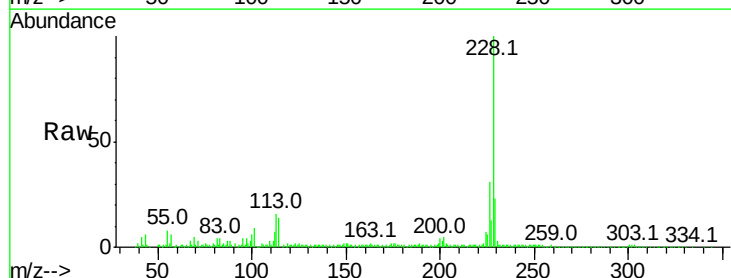
Tgt Ion:228 Resp: 179818

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

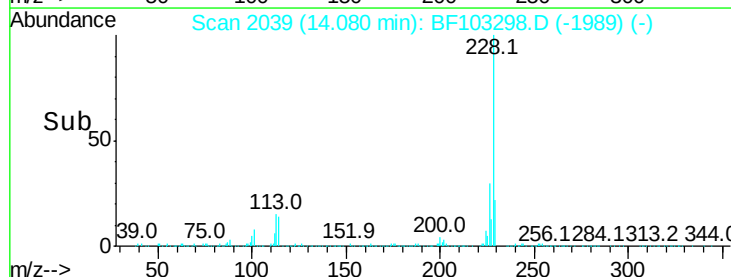
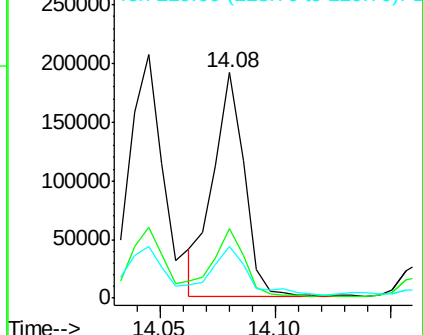
229 23.1 16.2 24.4

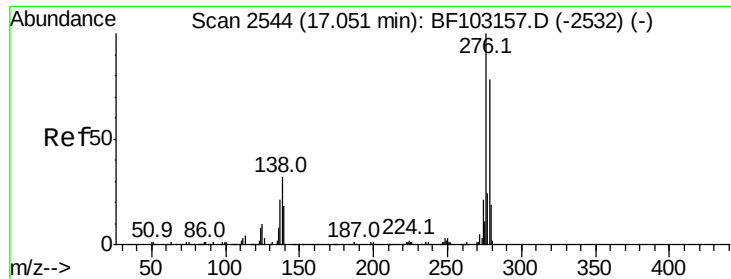


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

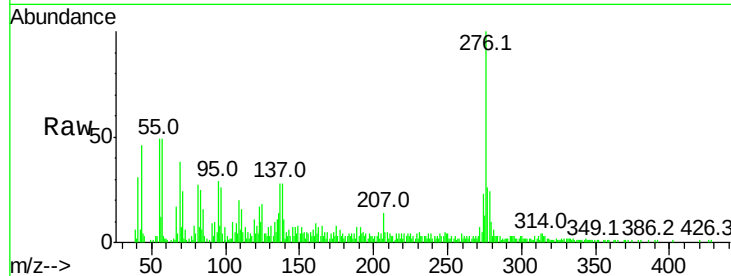




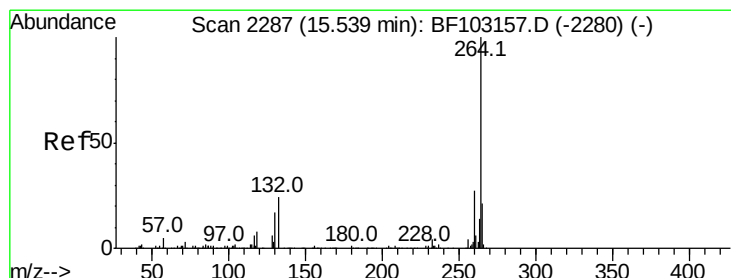
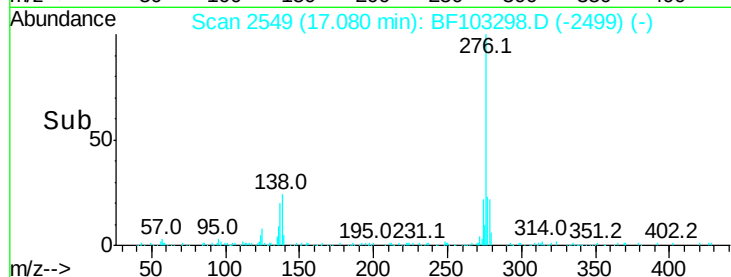
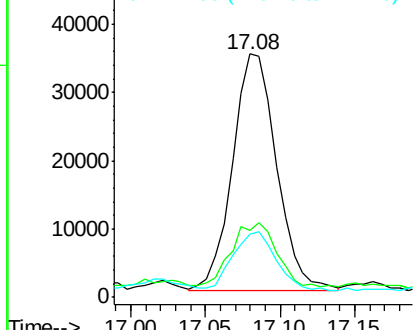
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.221 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	24.6	20.1	30.1

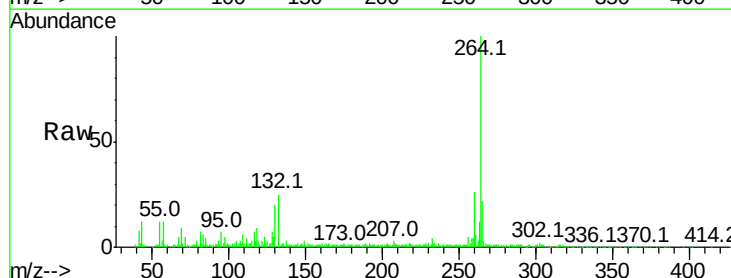


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

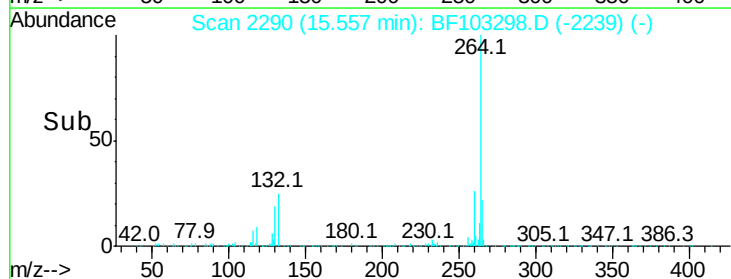
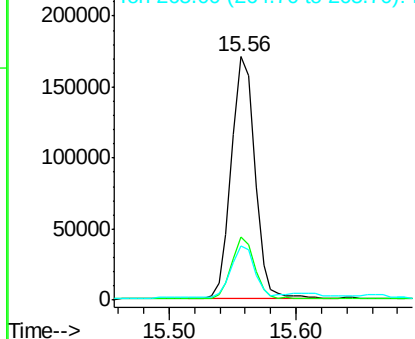


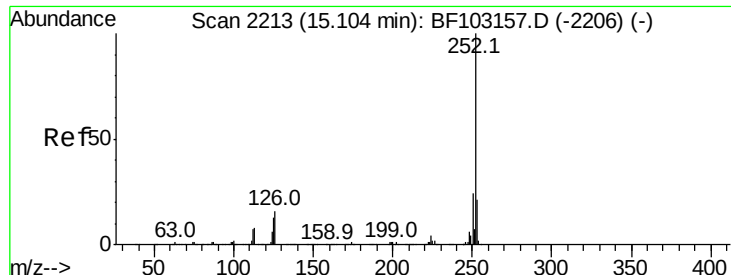
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103298.D
Acq: 28 Feb 2018 17:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.2	28.8
265	22.4	17.5	26.3



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: 20.298 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

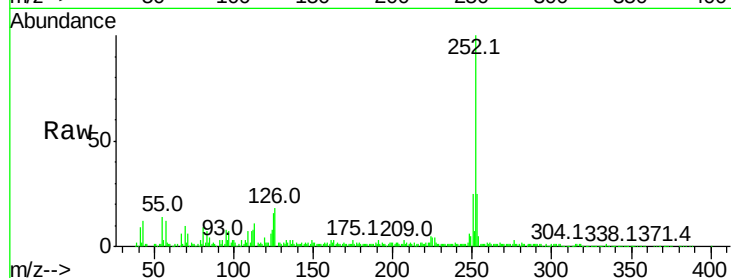
Tot Ion:252 Resp: 293985

Ion Ratio Lower Upper

252 100

253 24.7 17.0 25.6

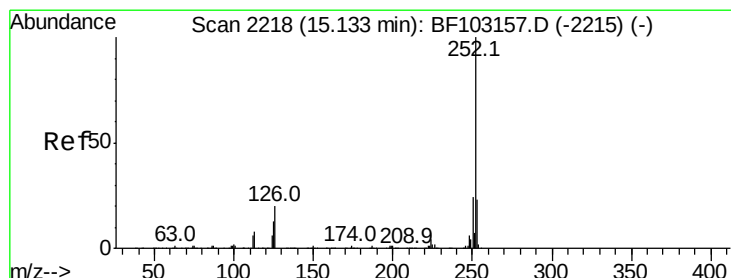
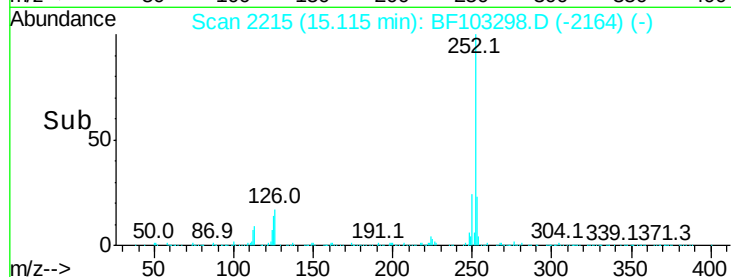
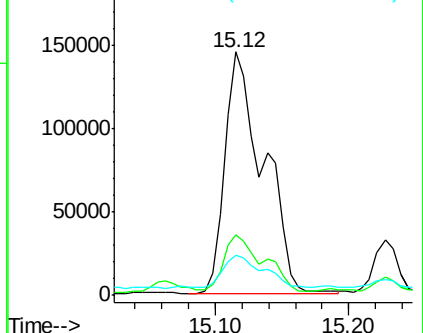
125 16.4 9.0 13.6#



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: 21.555 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.04 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

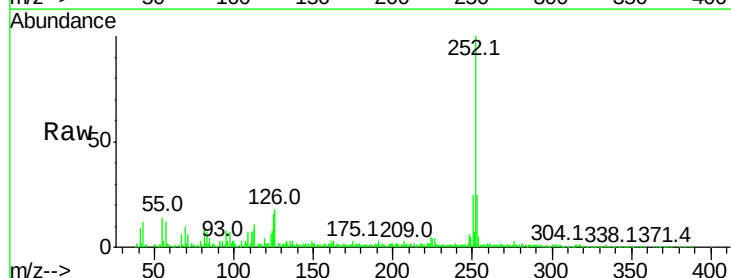
Tgt Ion:252 Resp: 293985

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

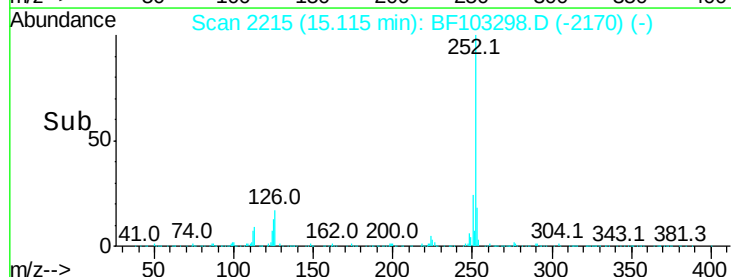
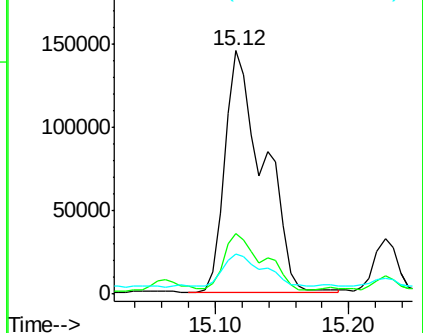
125 16.4 10.2 15.2#

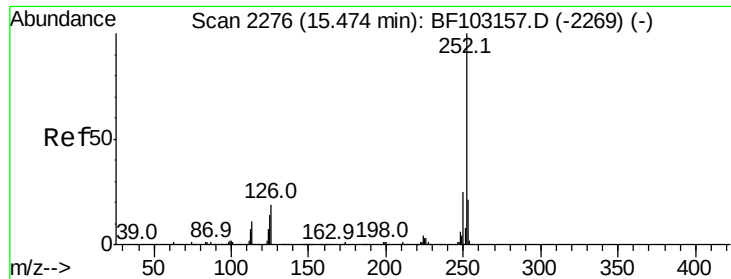


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 11.934 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

Instrument :

BNA_F

ClientSampleId :

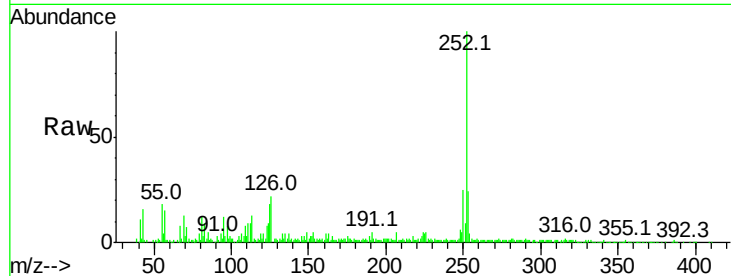
Tot Ion:252 Resp: 154358

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

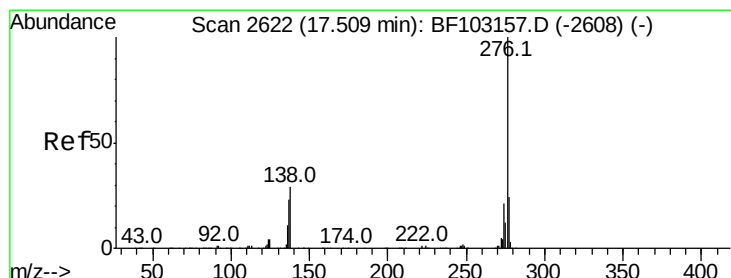
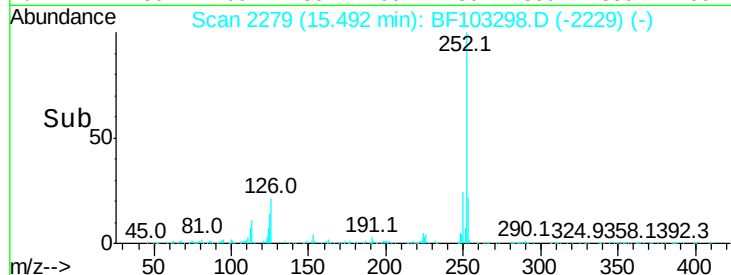
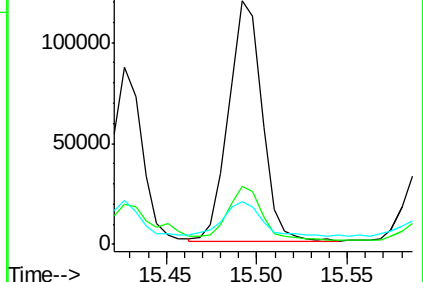
125 17.6 9.8 14.6#



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



#91

Benzo(g,h,i)perylene

Concen: 6.797 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF103298.D

Acq: 28 Feb 2018 17:37

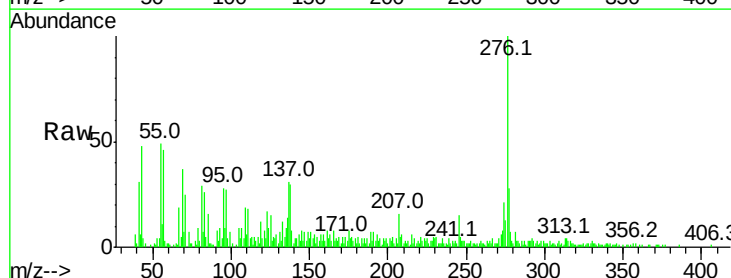
Tgt Ion:276 Resp: 66387

Ion Ratio Lower Upper

276 100

277 27.8 17.9 26.9#

138 30.4 21.8 32.8



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

