

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103297.D
 Acq On : 28 Feb 2018 17:10
 Operator : SJ/JU
 Sample : J1399-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 00:02:35 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	137900	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	589119	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	248975	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	351168	20.00	ng	0.00
75) Chrysene-d12	14.09	240	196010	20.00	ng	0.03
86) Perylene-d12	15.63	264	256543	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	757693	83.10	ng	0.00
7) Phenol-d6	6.50	99	906710	81.27	ng	0.00
23) Nitrobenzene-d5	7.43	82	563327	54.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	135312	64.21	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	816458	51.15	ng	0.00
78) Terphenyl-d14	12.99	244	501042	61.45	ng	0.00

Target Compounds

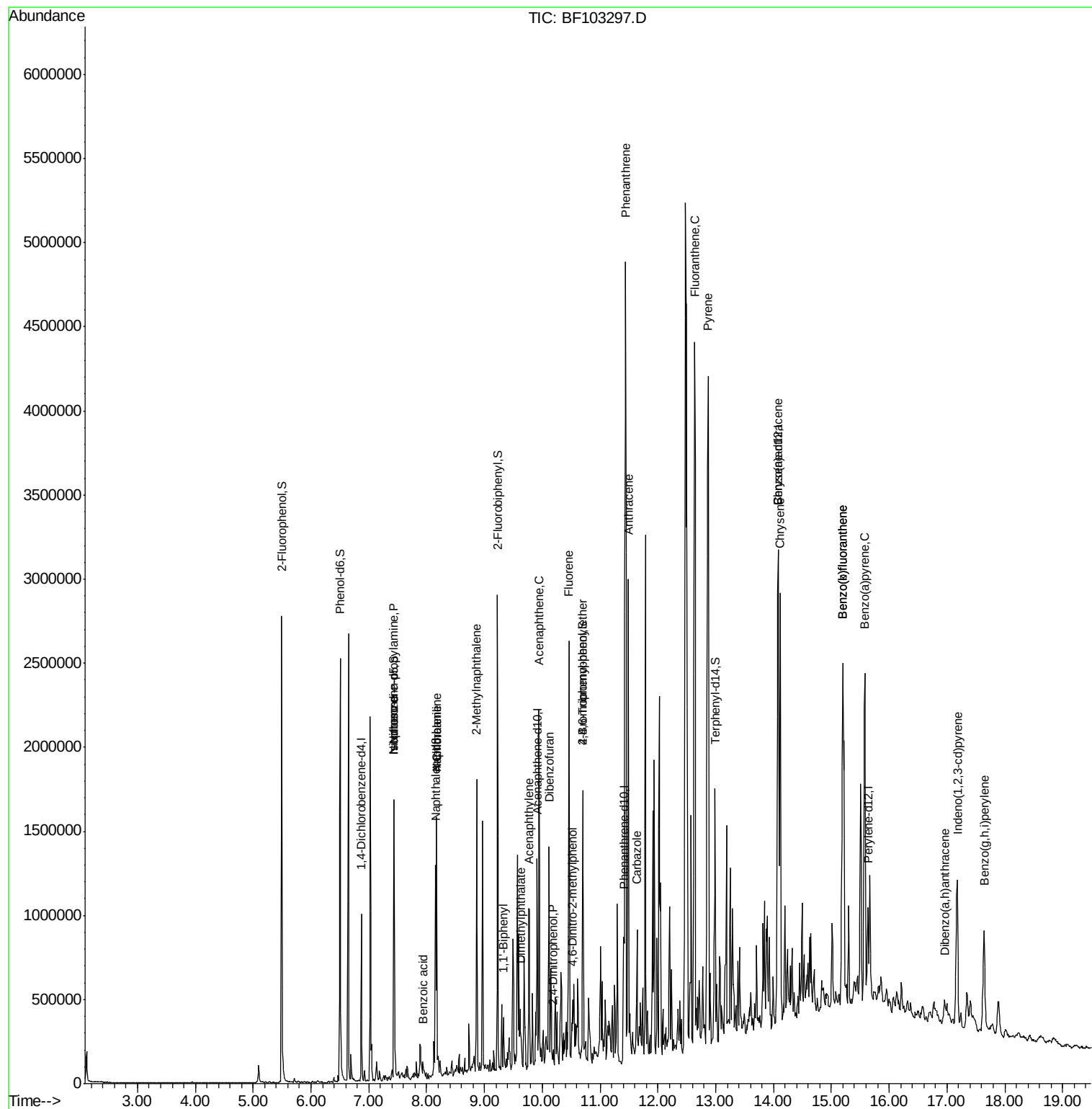
						Qvalue
9) Benzaldehyde	6.43	77	664	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	74848	10.779 ng	#	82
25) Isophorone	7.43	82	557756	27.453 ng	#	64
31) Naphthalene	8.17	128	639075	22.158 ng		99
32) Benzoic acid	7.95	122	3702	7.436 ng	#	63
33) 4-Chloroaniline	8.17	127	85204	6.846 ng	#	31
37) 2-Methylnaphthalene	8.87	142	448336	24.052 ng		99
45) 1,1'-Biphenyl	9.33	154	83006	3.979 ng		98
48) Acenaphthylene	9.77	152	320130	12.606 ng		99
49) Dimethylphthalate	9.62	163	80987	4.055 ng		99
51) Acenaphthene	9.95	154	397081	26.815 ng		98
53) 2,4-Dinitrophenol	10.19	184	328	9.812 ng	#	32
54) Dibenzofuran	10.12	168	383953	18.888 ng		93
57) Fluorene	10.46	166	688566	39.763 ng		99
64) 4,6-Dinitro-2-methylphenol	10.52	198	123	4.997 ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	9428	2.577 ng	#	1
70) Phenanthrene	11.45	178	2864896	148.242 ng		99
71) Anthracene	11.49	178	1053230	53.147 ng		99
72) Carbazole	11.64	167	288434	14.615 ng		98
74) Fluoranthene	12.64	202	2681794	138.092 ng		100
77) Pyrene	12.87	202	2401053	157.115 ng		98
80) Benzo(a)anthracene	14.08	228	1311041	103.087 ng		97
82) Chrysene	14.12	228	1157661	93.748 ng		97
85) Indeno(1,2,3-cd)pyrene	17.18	276	609514	62.347 ng		95
87) Benzo(b)fluoranthene	15.20	252	2004758	118.853 ng	#	95
88) Benzo(k)fluoranthene	15.20	252	2004758	126.217 ng		98
89) Benzo(a)pyrene	15.58	252	1128465	74.918 ng		96
90) Dibenzo(a,h)anthracene	16.96	278	112866	9.697 ng		95
91) Benzo(g,h,i)perylene	17.64	276	534753	47.010 ng		95

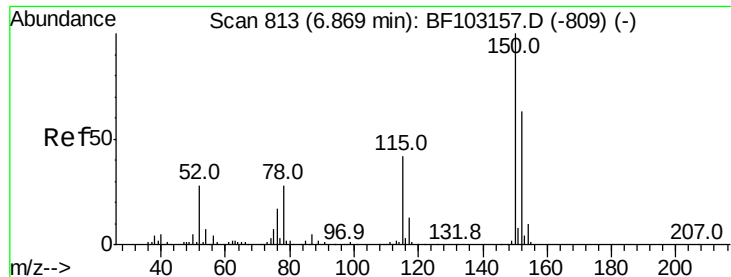
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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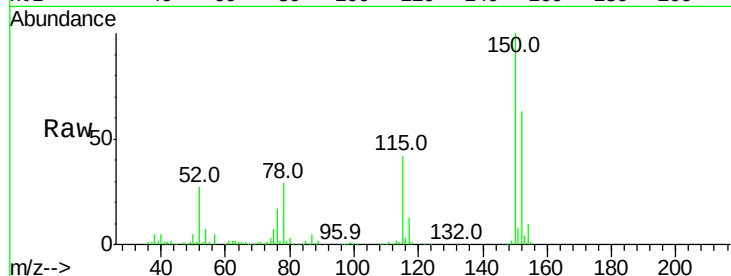


#1

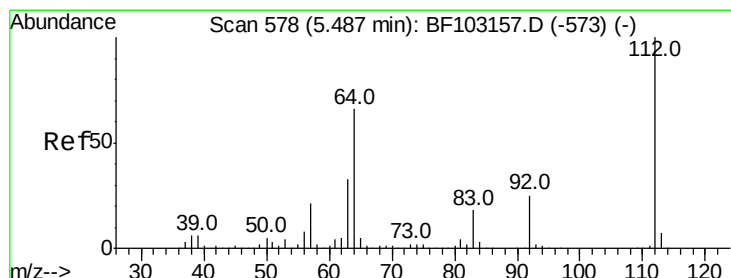
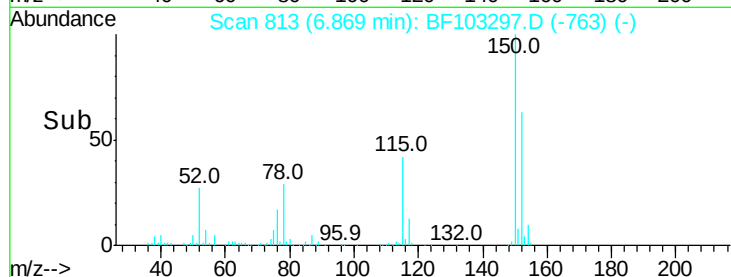
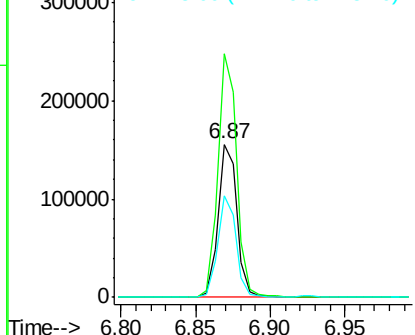
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137900
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 66.2 50.1 75.1



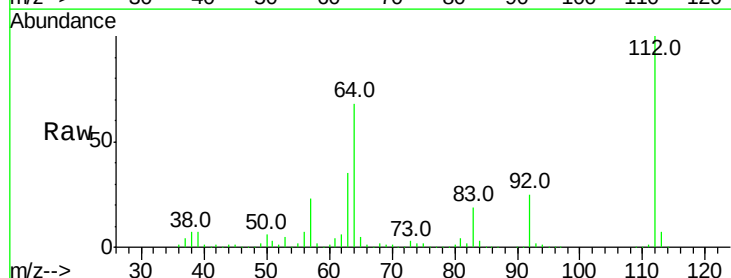
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



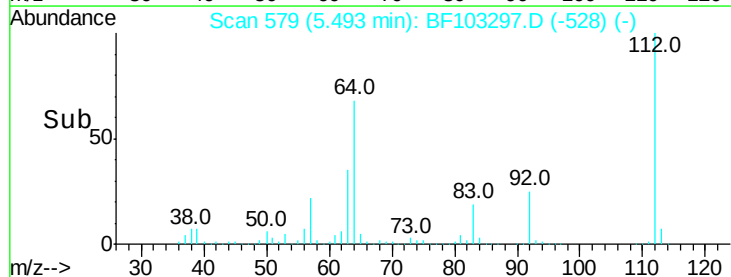
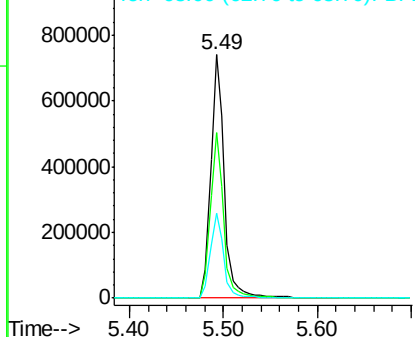
#5

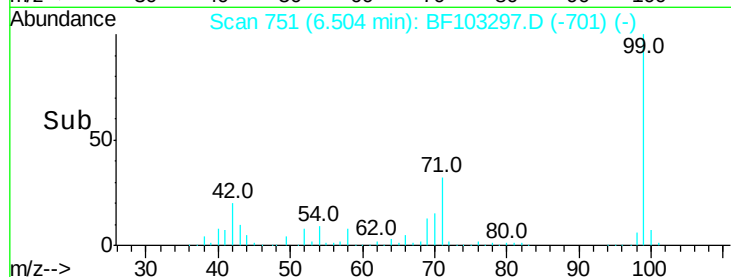
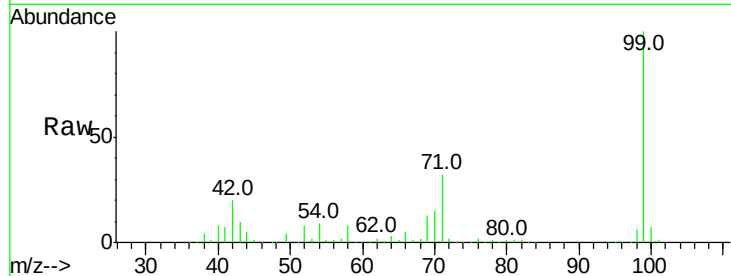
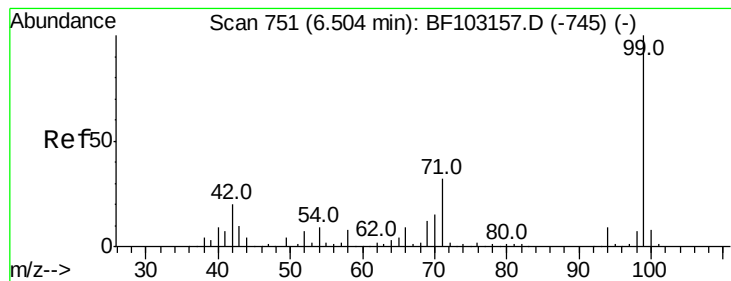
2-Fluorophenol
Concen: 83.101 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Tgt Ion:112 Resp: 757693
Ion Ratio Lower Upper
112 100
64 67.8 47.9 71.9
63 35.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.268 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Instrument :

BNA_F

ClientSampled :

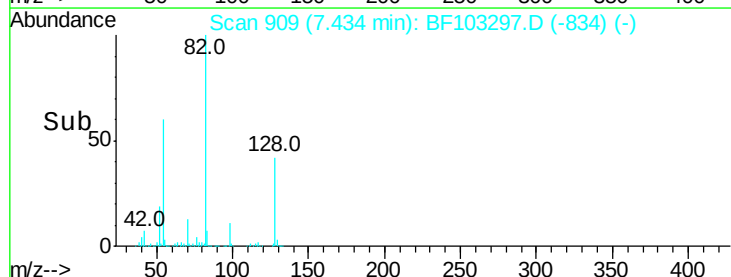
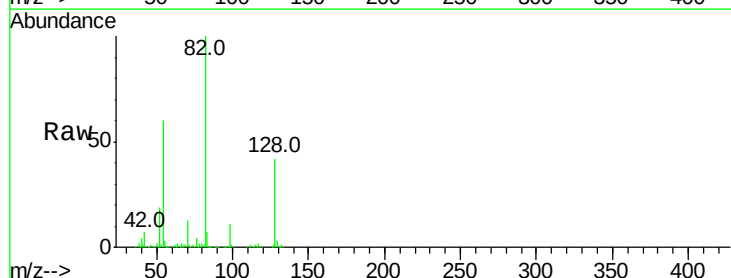
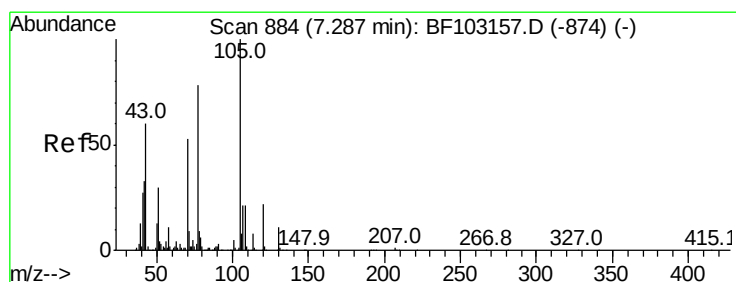
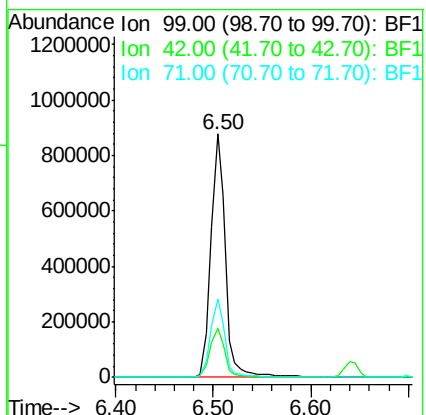
Tot Ion: 99 Resp: 906710

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 32.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.779 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Tgt Ion: 70 Resp: 74848

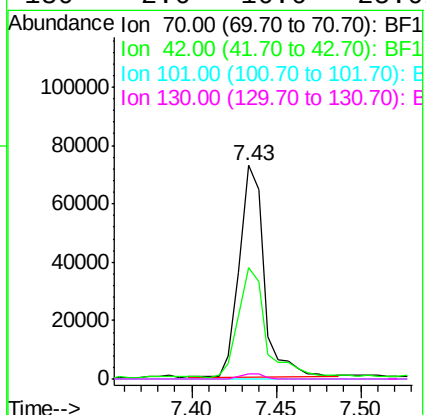
Ion Ratio Lower Upper

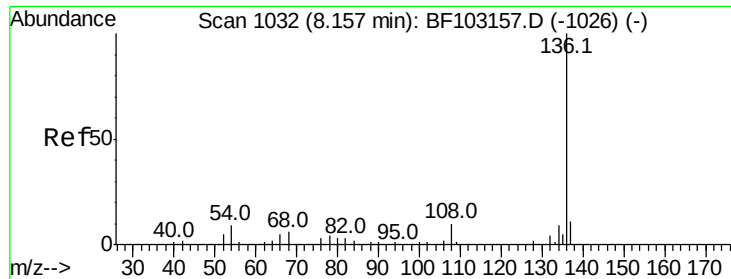
70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

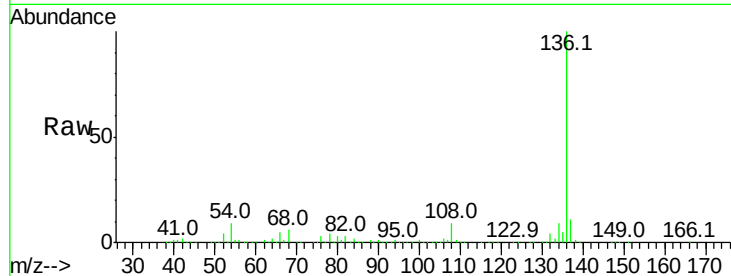




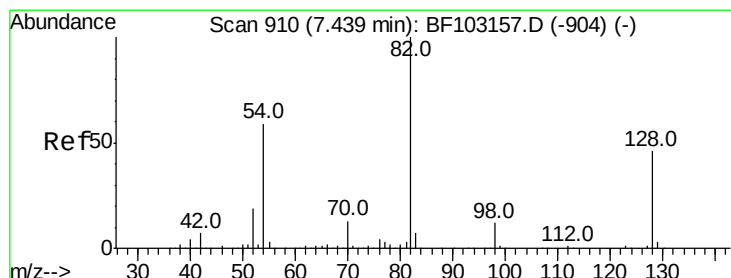
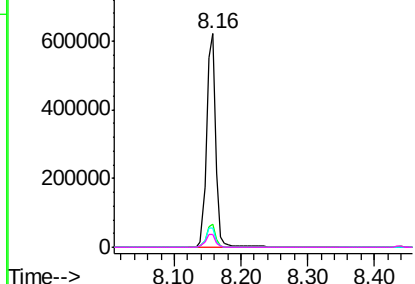
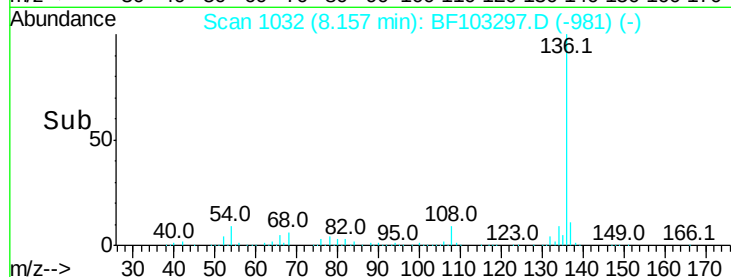
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 589119
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 9.0	6.6 9.8
68 6.2	5.0 7.4

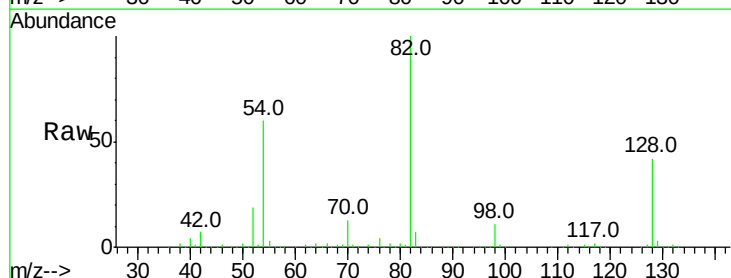


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

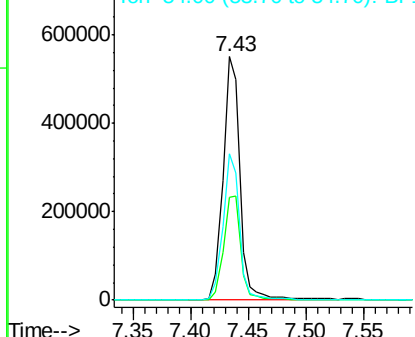
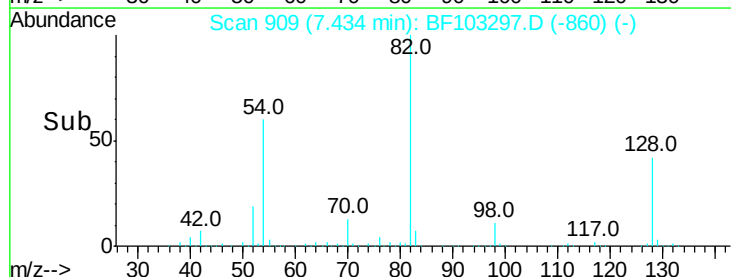


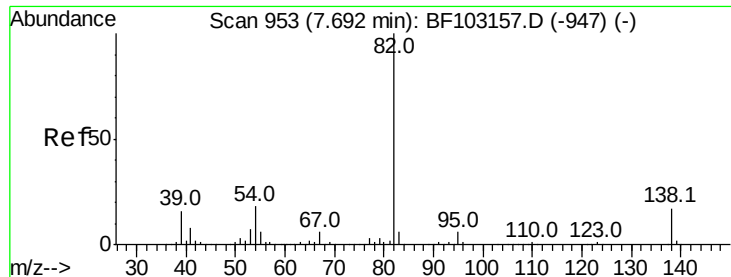
#23
Nitrobenzene-d5
Concen: 54.608 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Tgt Ion: 82	Resp: 563327
Ion Ratio	Lower Upper
82 100	
128 42.3	36.1 54.1
54 59.9	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: 27.453 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Instrument :
BNA_F
ClientSampleId :

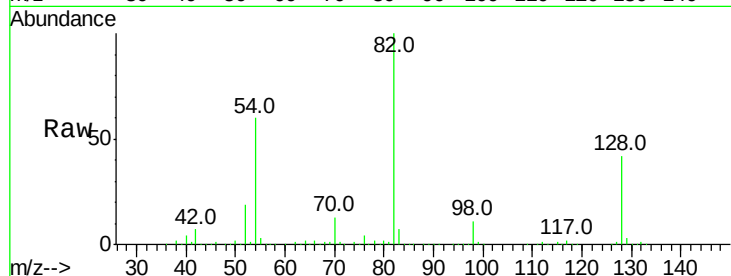
Tot Ion: 82 Resp: 557756

Ion Ratio Lower Upper

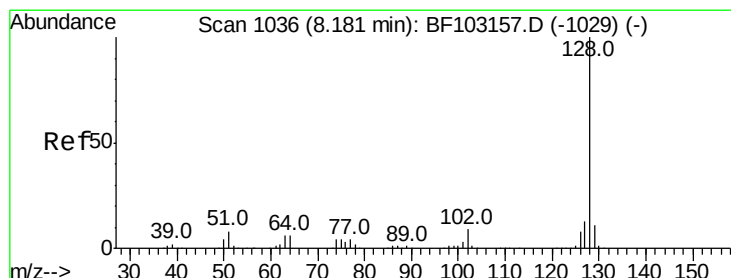
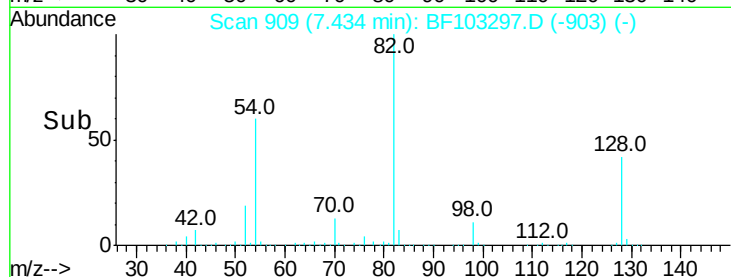
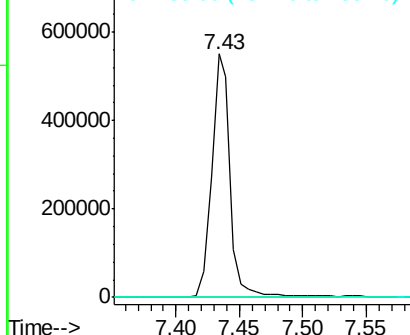
82 100

95 0.2 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: 22.158 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

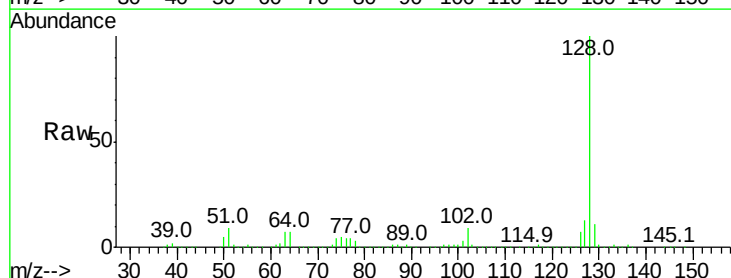
Tgt Ion: 128 Resp: 639075

Ion Ratio Lower Upper

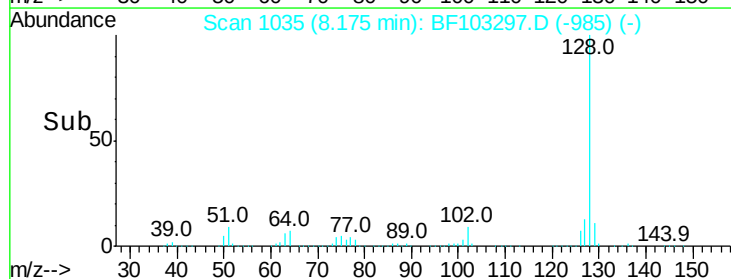
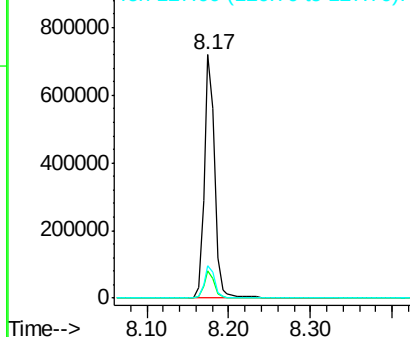
128 100

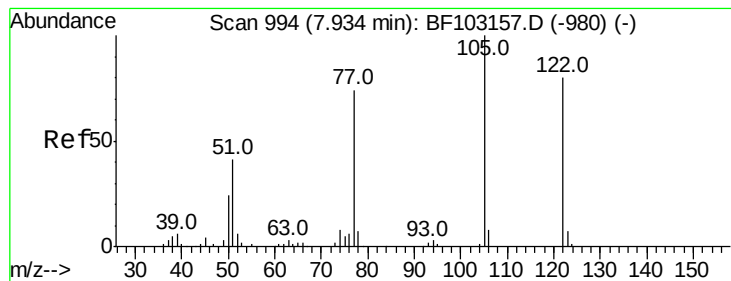
129 11.3 8.8 13.2

127 13.1 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: 7.436 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Instrument :

BNA_F

ClientSampleId :

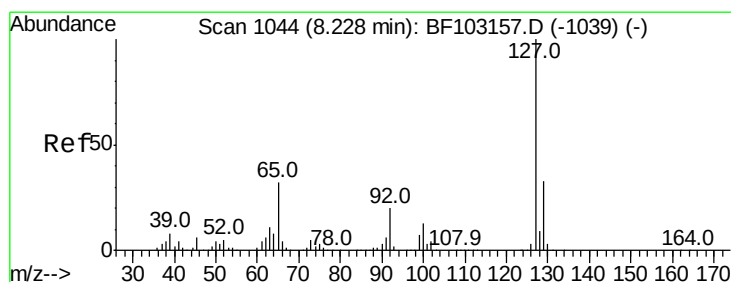
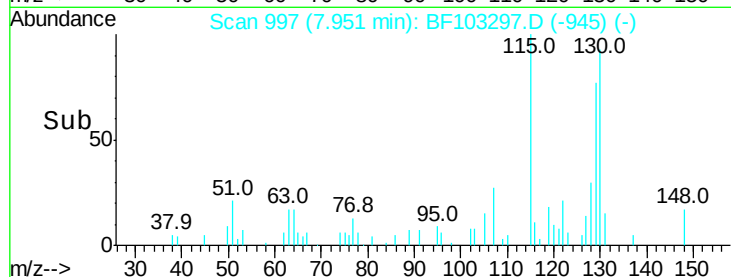
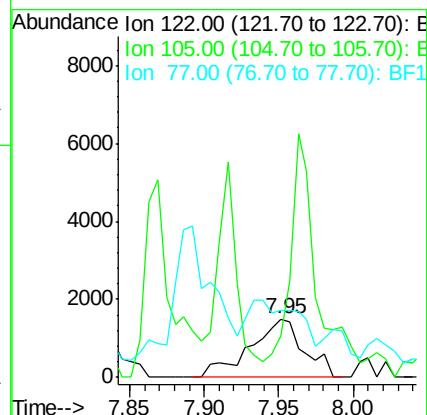
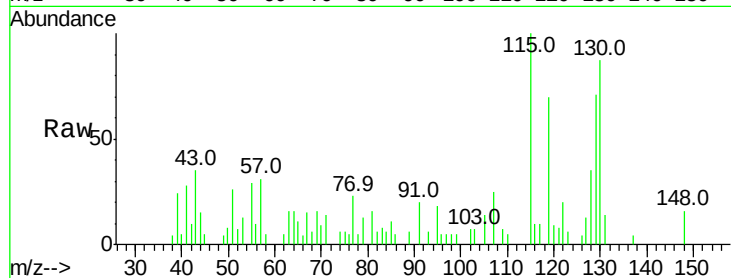
Tot Ion:122 Resp: 3702

Ion Ratio Lower Upper

122 100

105 71.1 101.1 141.1#

77 115.5 70.7 110.7#



#33

4-Chloroaniline

Concen: 6.846 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Tgt Ion:127 Resp: 85204

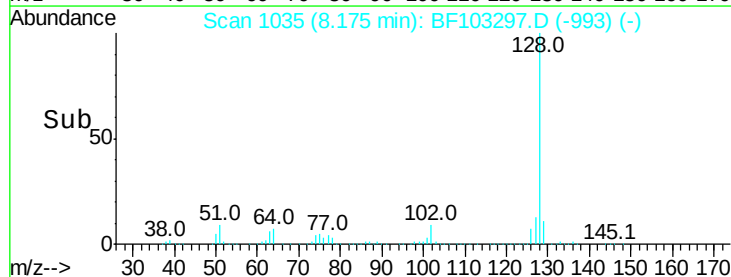
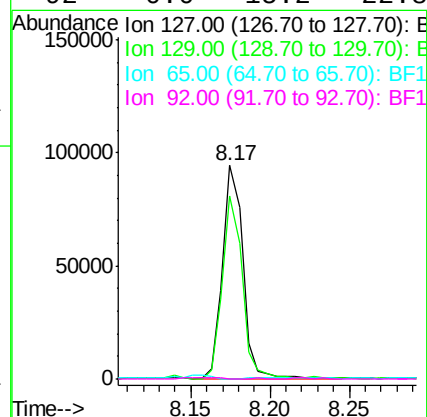
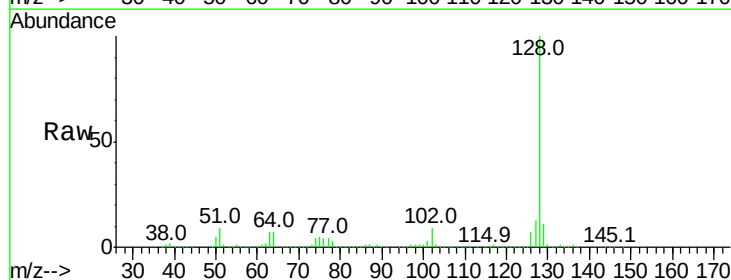
Ion Ratio Lower Upper

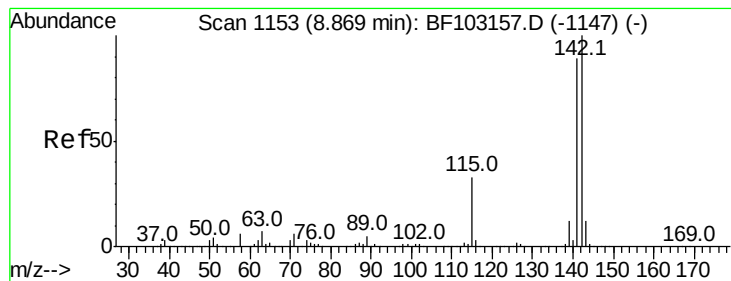
127 100

129 85.9 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

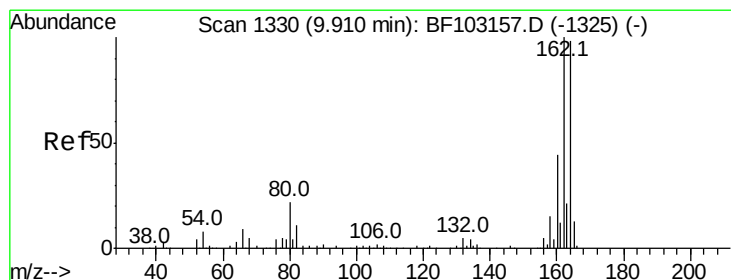
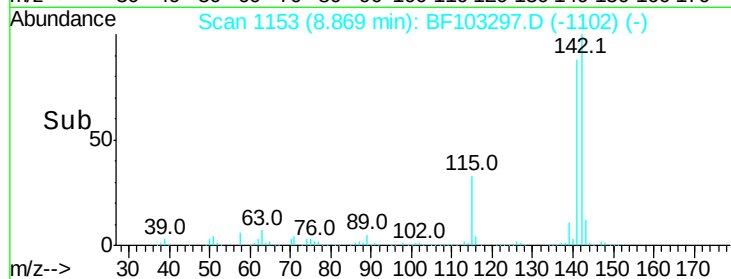
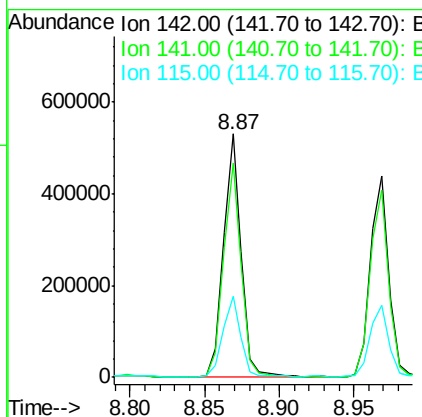
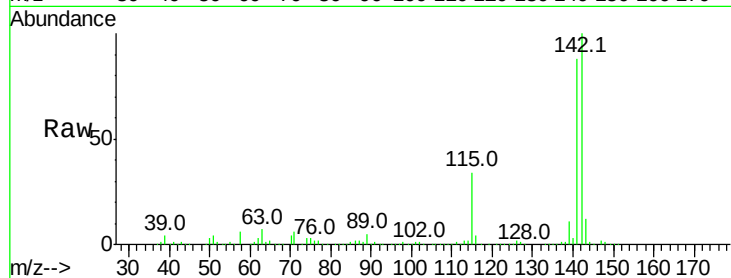




#37
 2-Methylnaphthalene
 Concen: 24.052 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

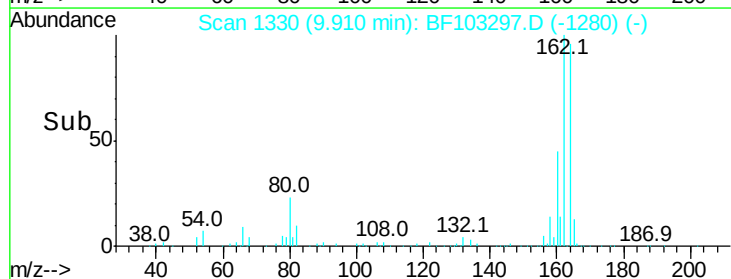
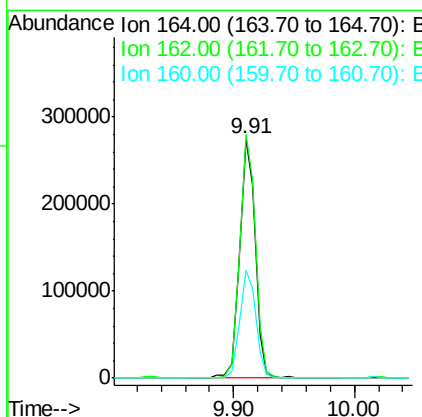
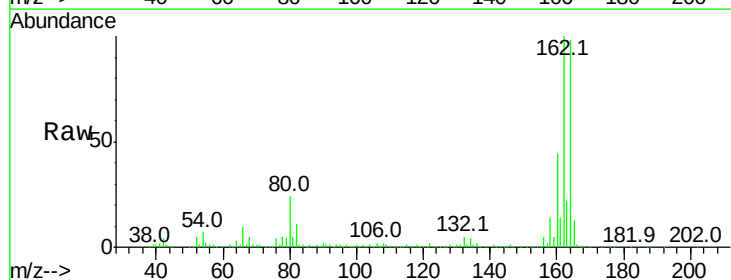
Instrument :
 BNA_F
 ClientSampleId :

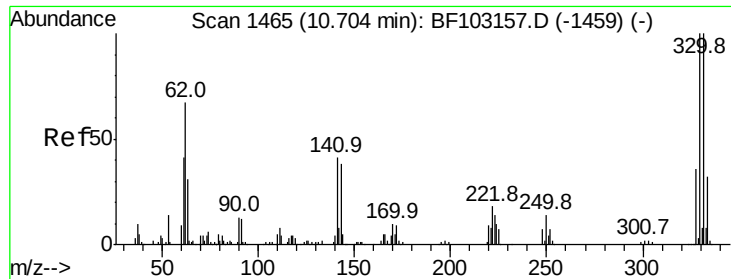
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	33.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.3	38.3	57.5

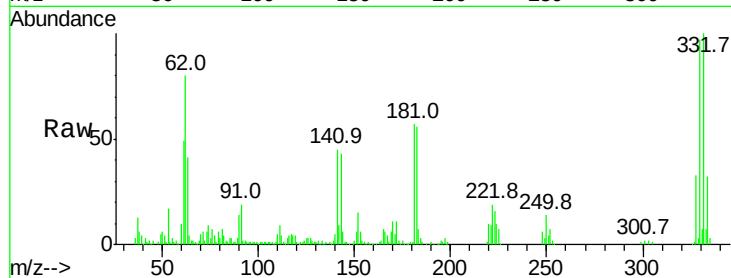




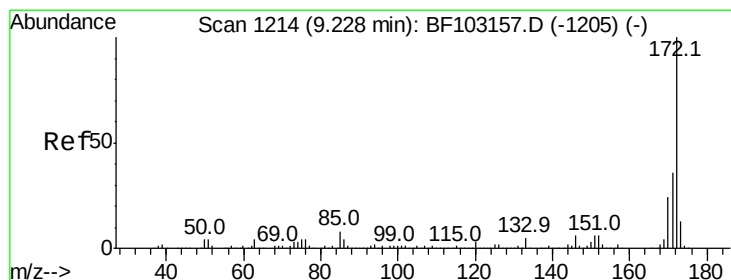
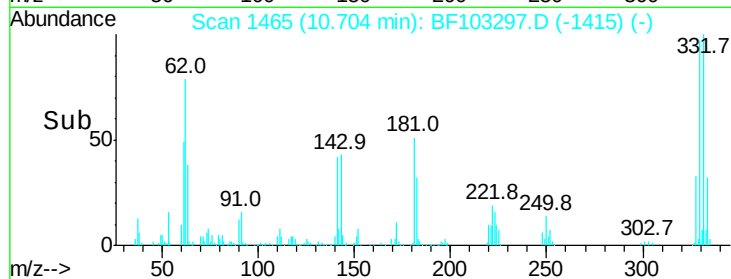
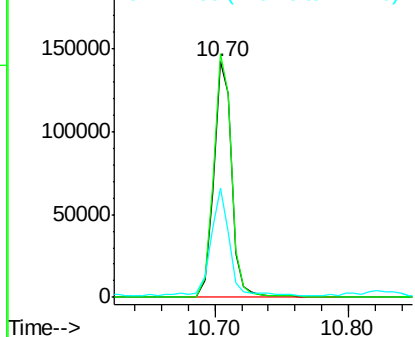
#41
 2,4,6-Tribromophenol
 Concen: 64.207 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 135312
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 47.3 29.9 44.9#

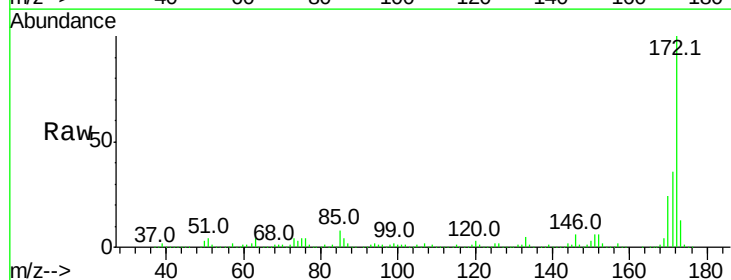


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

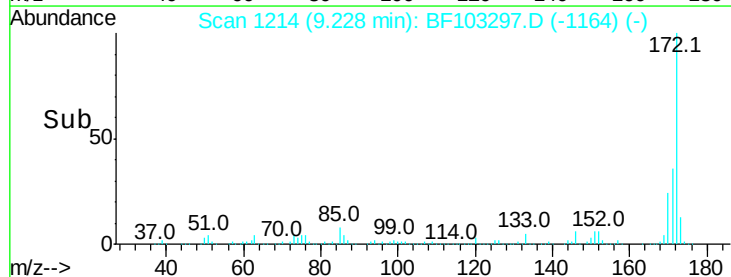
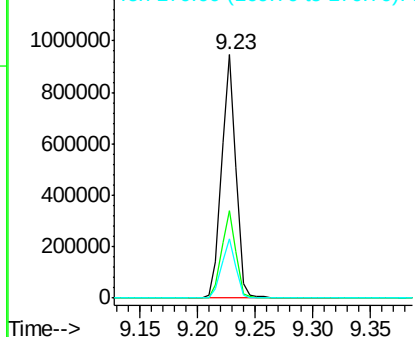


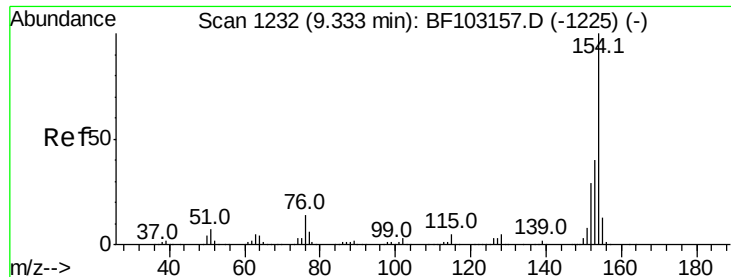
#44
 2-Fluorobiphenyl
 Concen: 51.148 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

Tgt Ion:172 Resp: 816458
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.5 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





#45

1,1'-Biphenyl

Concen: 3.979 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Instrument :

BNA_F

ClientSampleId :

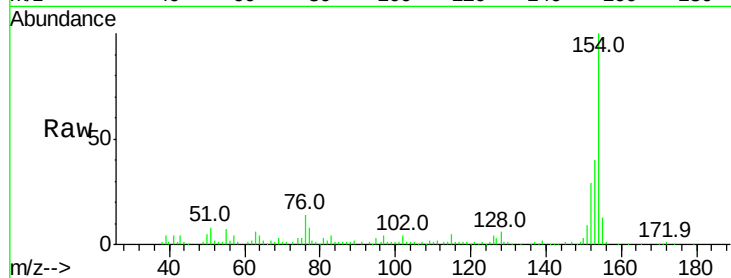
Tot Ion:154 Resp: 83006

Ion Ratio Lower Upper

154 100

153 39.7 21.3 61.3

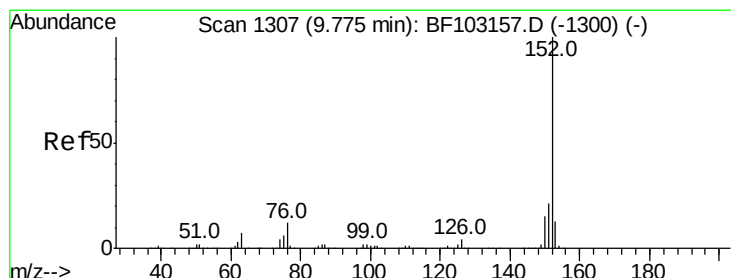
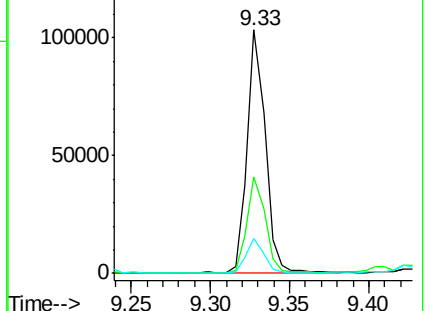
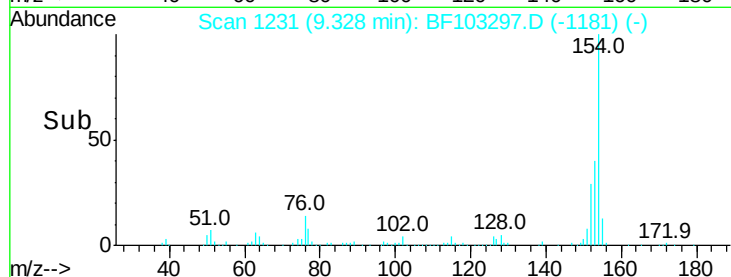
76 14.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#48

Acenaphthylene

Concen: 12.606 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

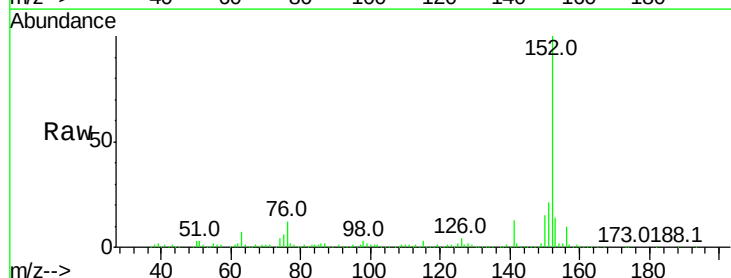
Tgt Ion:152 Resp: 320130

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

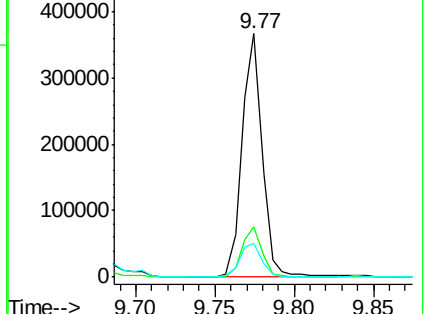
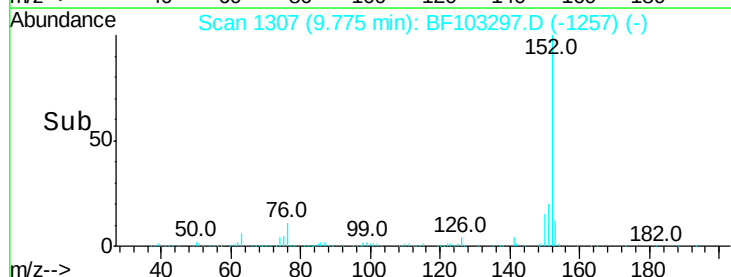
153 13.8 10.7 16.1

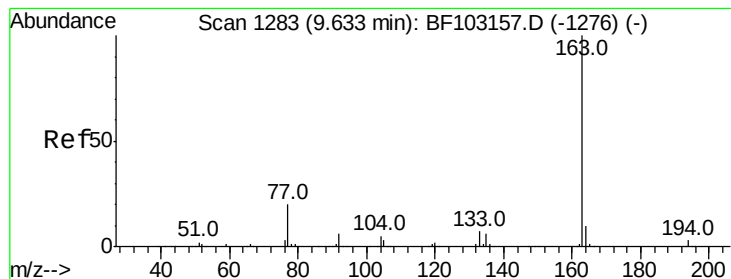


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 4.055 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Instrument :

BNA_F

ClientSampleId :

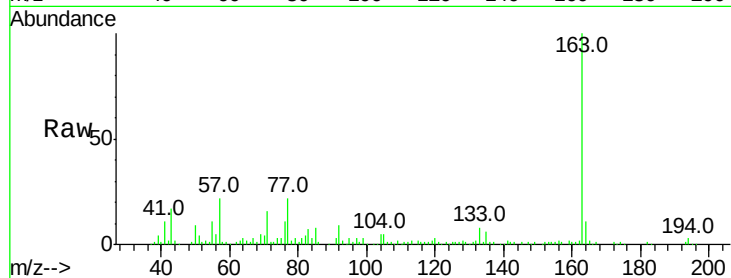
Tot Ion:163 Resp: 80987

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

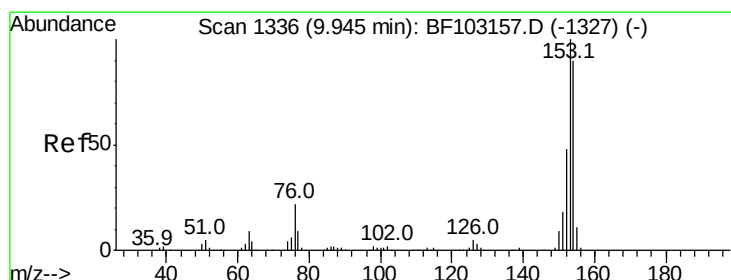
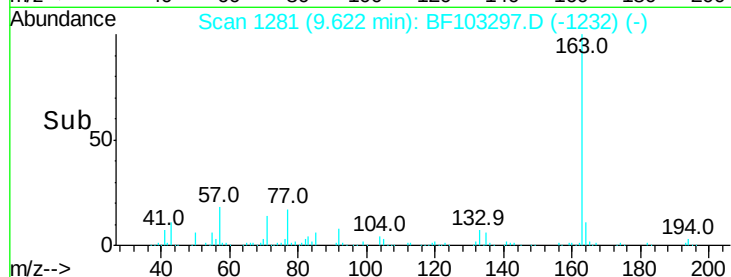
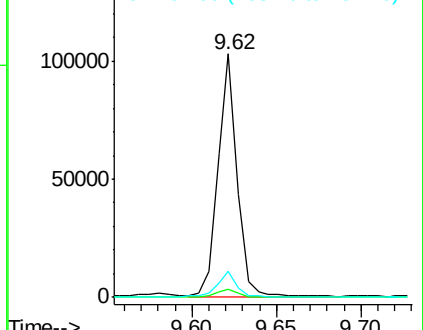
164 10.8 8.2 12.2



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: 26.815 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

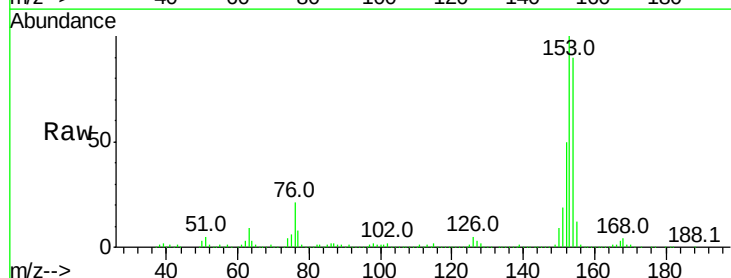
Tgt Ion:154 Resp: 397081

Ion Ratio Lower Upper

154 100

153 111.3 91.2 136.8

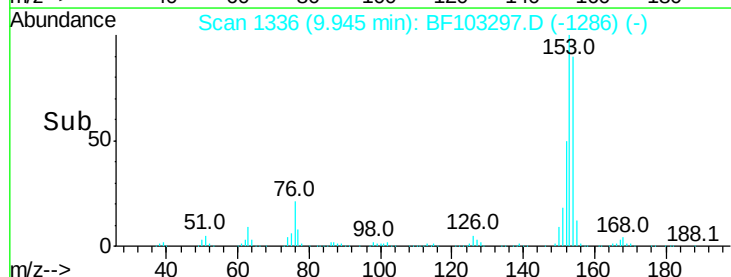
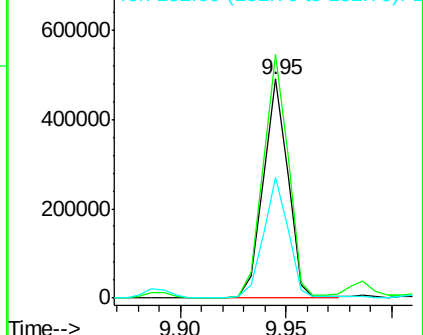
152 55.4 43.8 65.8

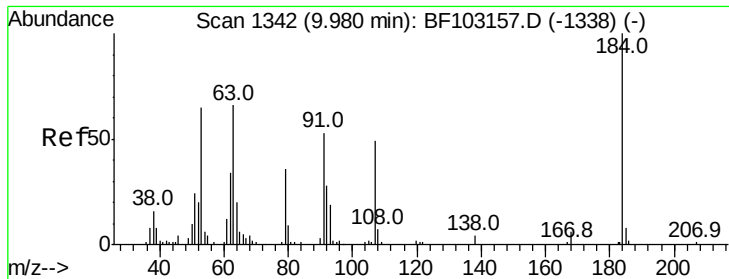


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

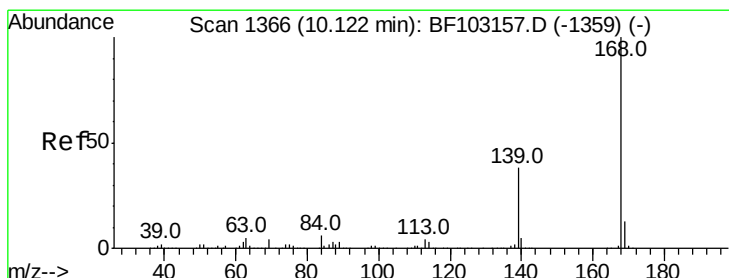
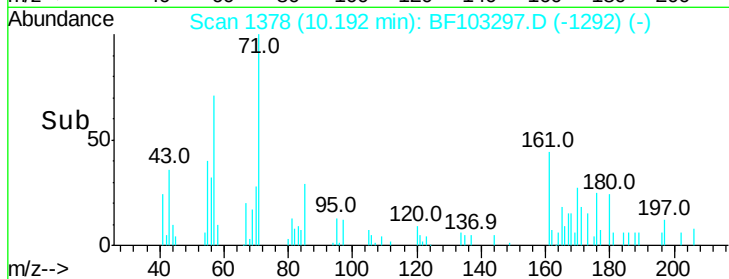
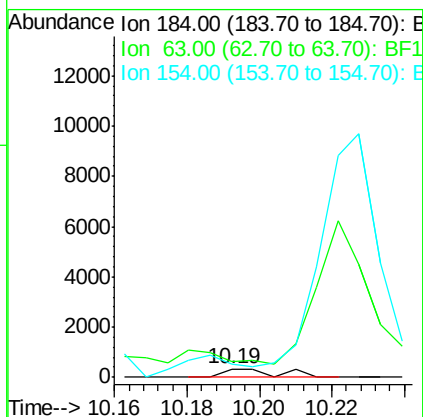
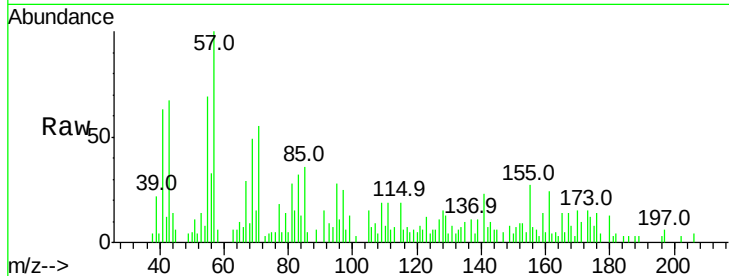




#53
 2,4-Dinitrophenol
 Concen: 9.812 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.21 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

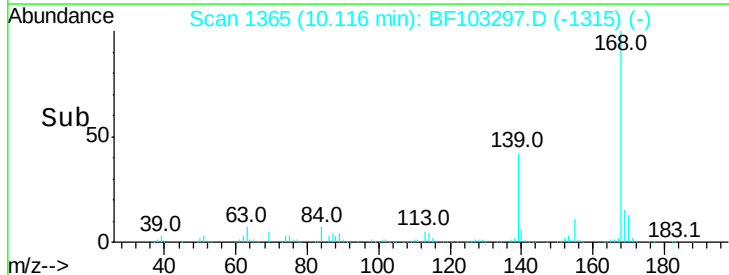
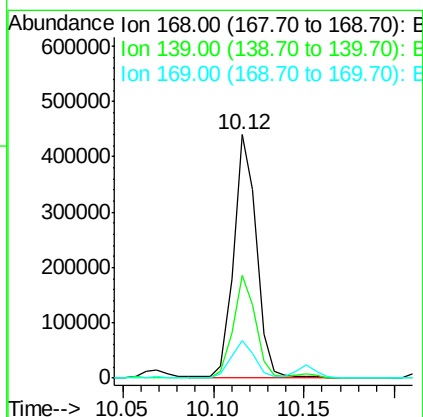
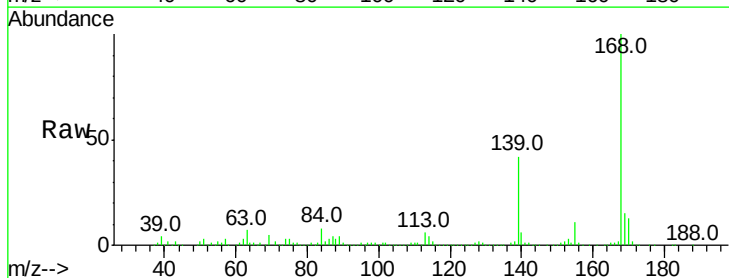
Instrument :
 BNA_F
 ClientSampleId :

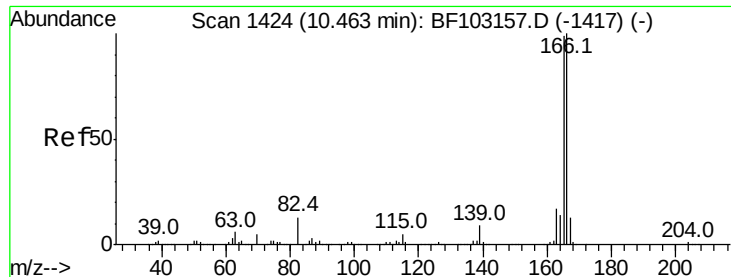
Tot Ion:184 Resp: 328
 Ion Ratio Lower Upper
 184 100
 63 185.0 54.2 81.2#
 154 154.9 184.0 276.0#



#54
 Dibenzofuran
 Concen: 18.888 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

Tgt Ion:168 Resp: 383953
 Ion Ratio Lower Upper
 168 100
 139 42.1 30.1 45.1
 169 15.5 10.9 16.3

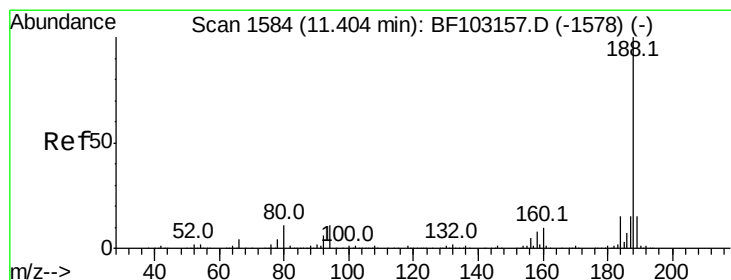
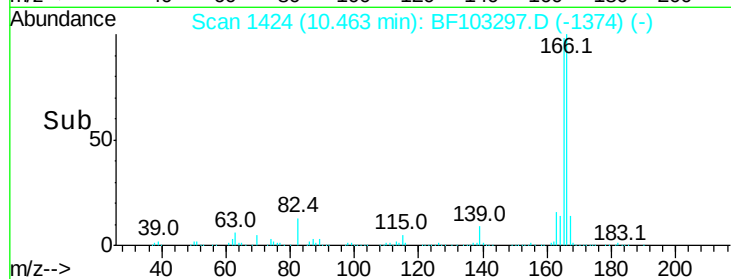
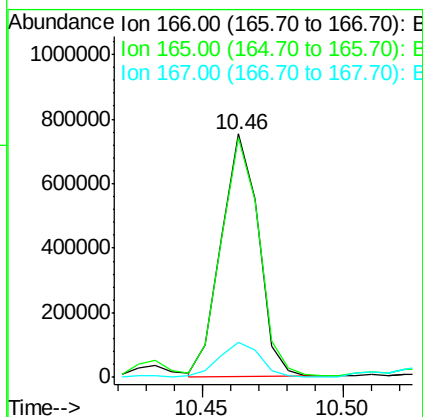
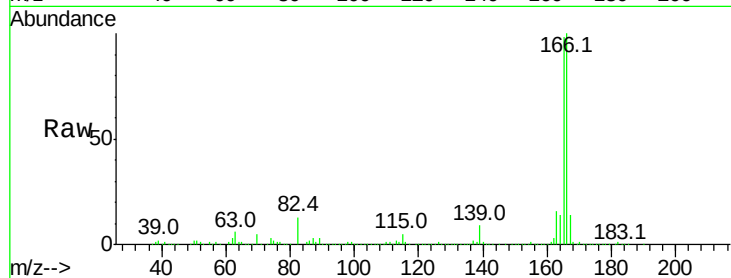




#57
 Fluorene
 Concen: 39.763 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

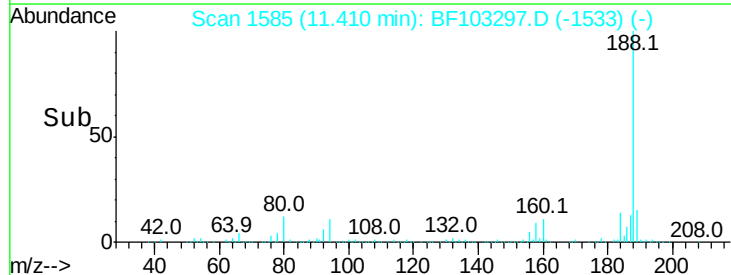
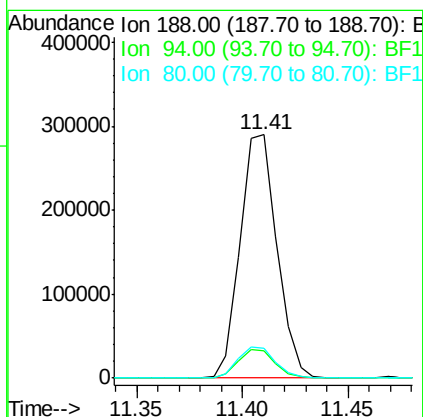
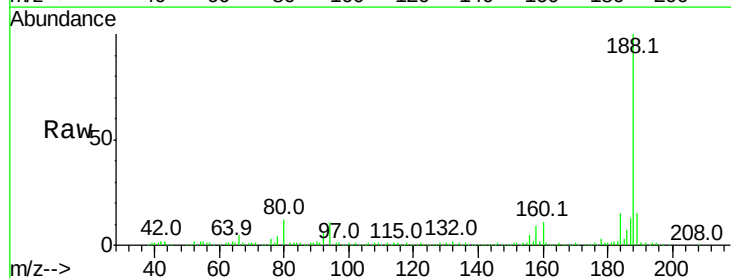
Instrument :
 BNA_F
 ClientSampled :

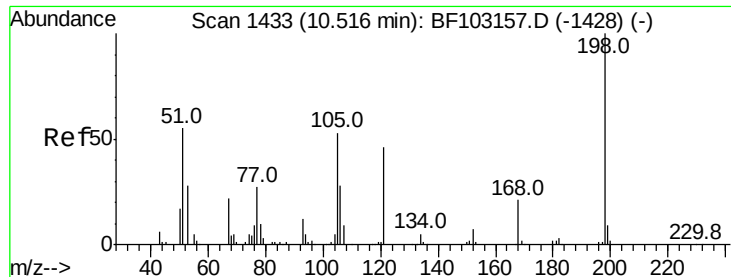
Tot Ion:166 Resp: 688566
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 14.3 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

Tgt Ion:188 Resp: 351168
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.1 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 4.997 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Instrument :

BNA_F

ClientSampleId :

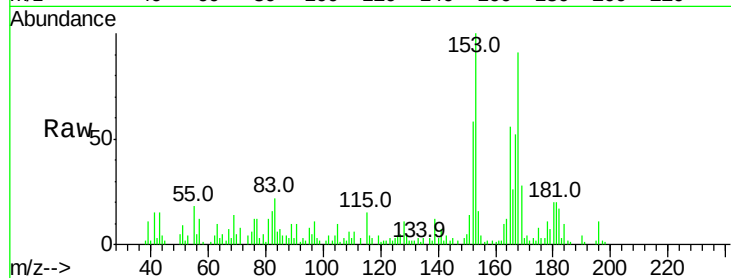
Tot Ion:198 Resp: 123

Ion Ratio Lower Upper

198 100

51 729.9 37.7 77.7#

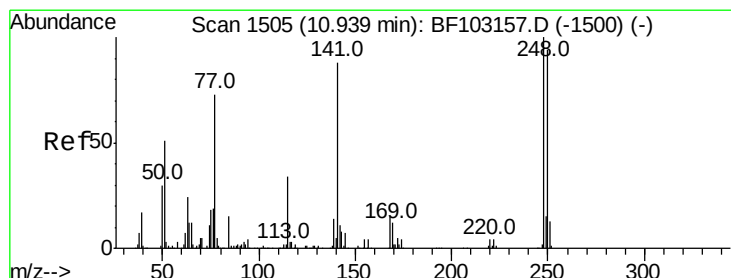
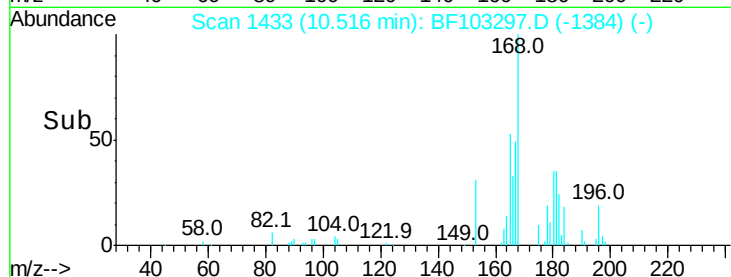
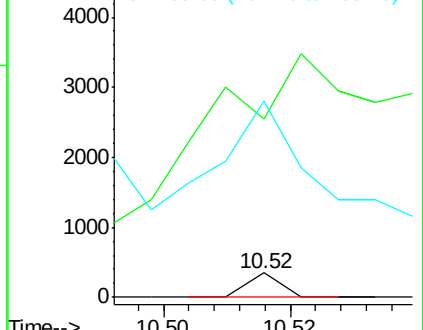
105 806.6 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.577 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.24 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

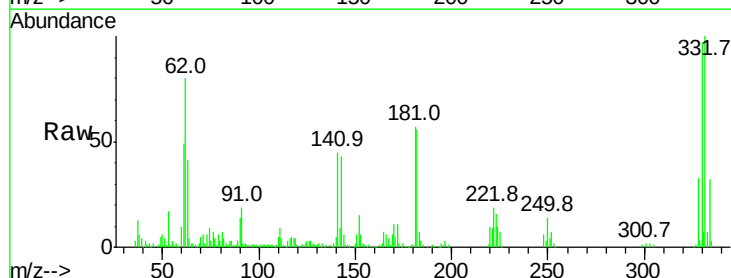
Tgt Ion:248 Resp: 9428

Ion Ratio Lower Upper

248 100

250 225.6 76.9 115.3#

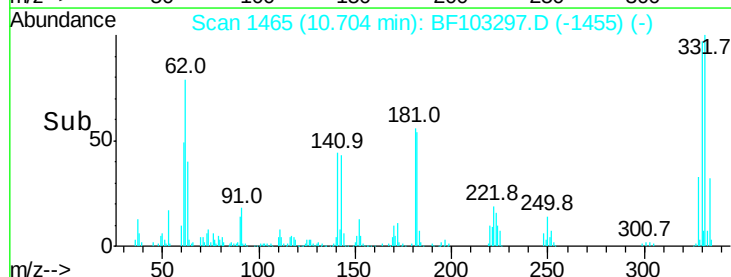
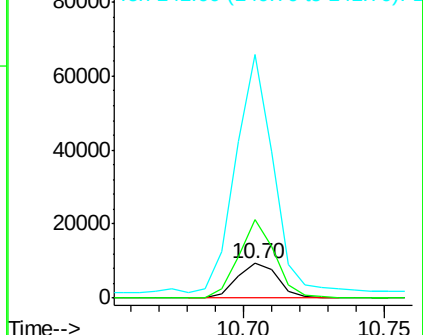
141 704.9 74.4 111.6#

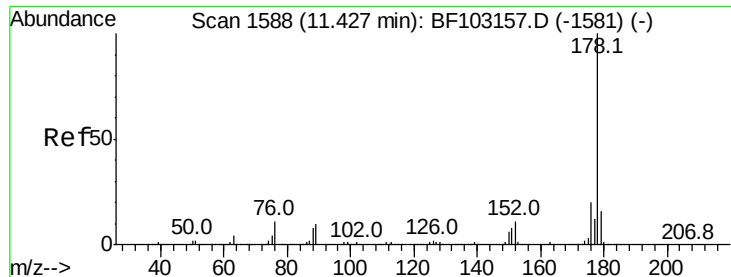


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

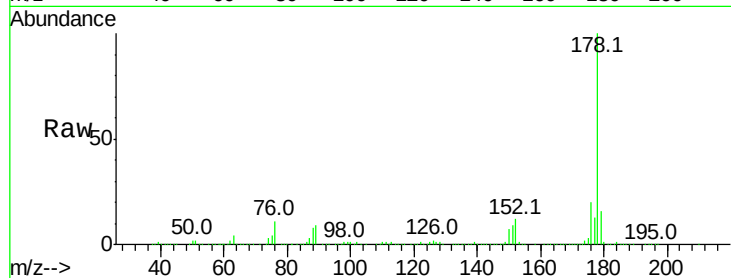




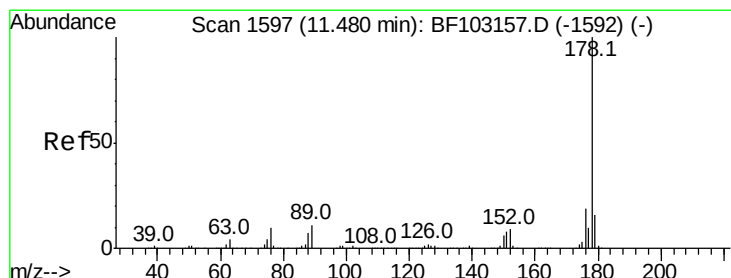
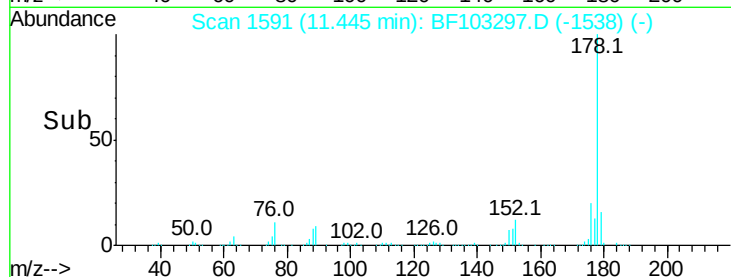
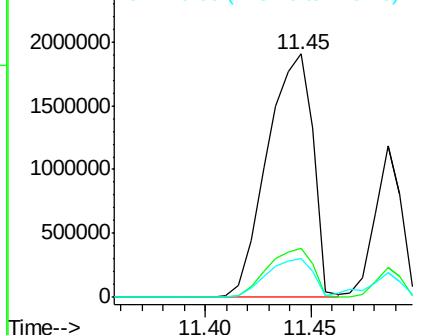
#70
Phenanthrene
Concen: 148.242 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 2864896
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.8 13.0 19.6

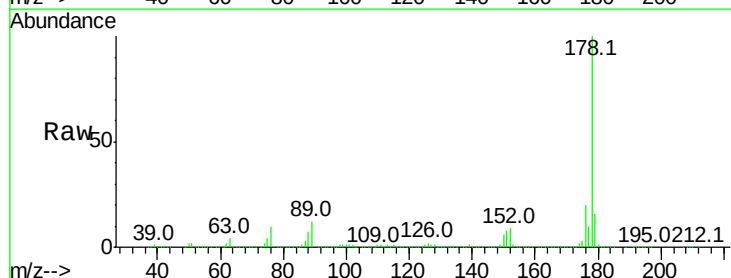


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

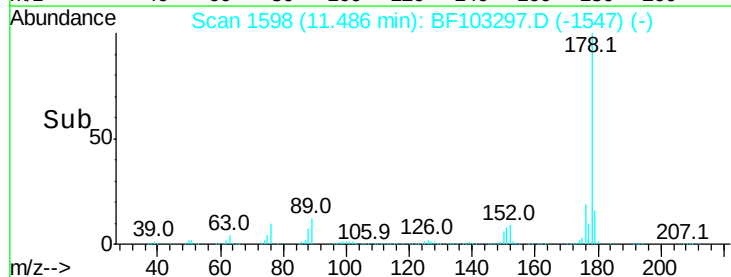
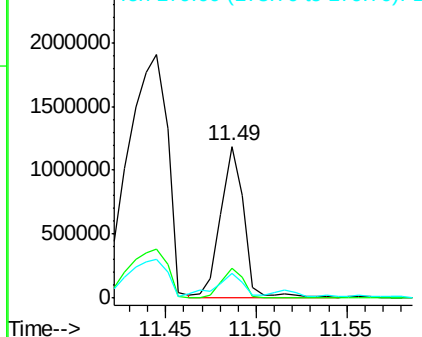


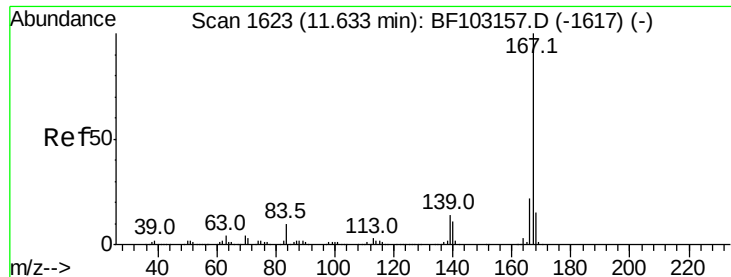
#71
Anthracene
Concen: 53.147 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Tgt Ion:178 Resp: 1053230
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.2 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: 14.615 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Instrument :

BNA_F

ClientSampleId :

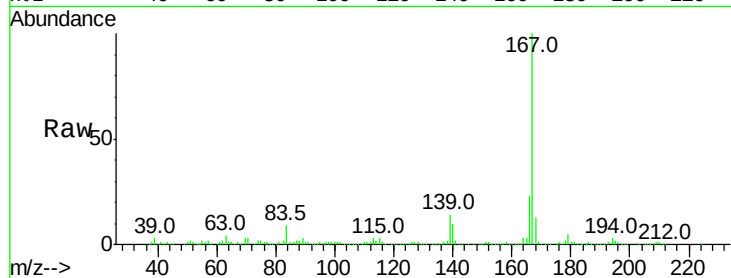
Tot Ion:167 Resp: 288434

Ion Ratio Lower Upper

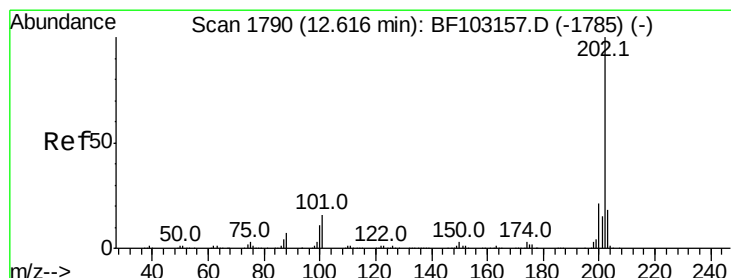
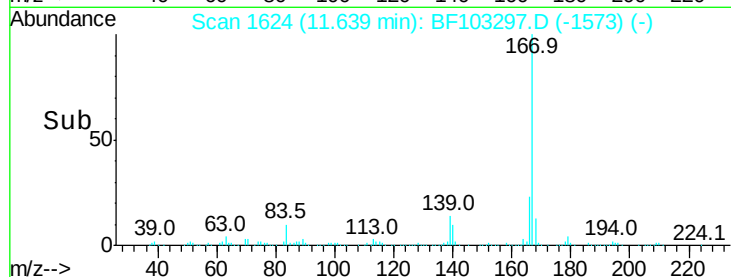
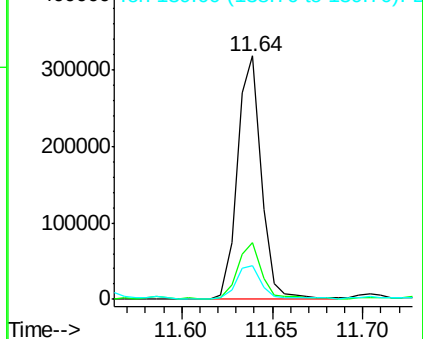
167 100

166 23.1 17.6 26.4

139 13.8 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: 138.092 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.02 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

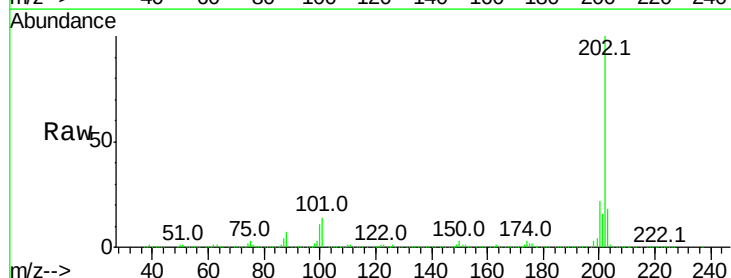
Tgt Ion:202 Resp: 2681794

Ion Ratio Lower Upper

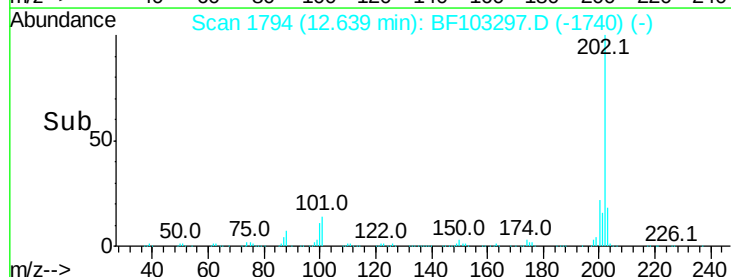
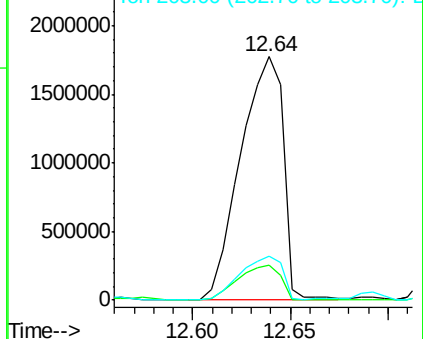
202 100

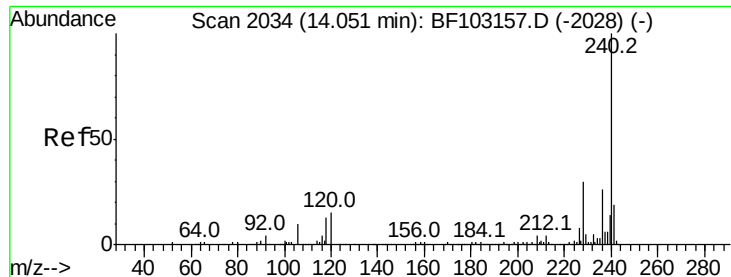
101 14.4 0.0 34.1

203 18.1 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: 14.09 min Scan# 2040

Delta R.T. 0.03 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Instrument :

BNA_F

ClientSampleId :

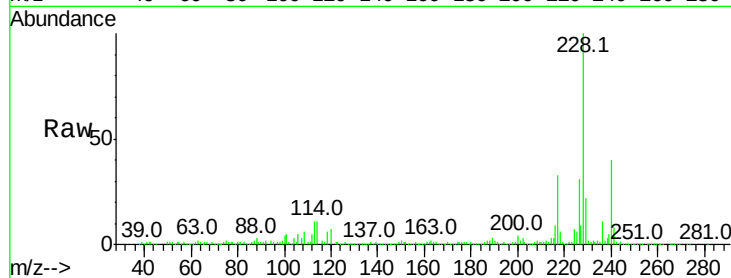
Tot Ion:240 Resp: 196010

Ion Ratio Lower Upper

240 100

120 16.8 9.5 14.3#

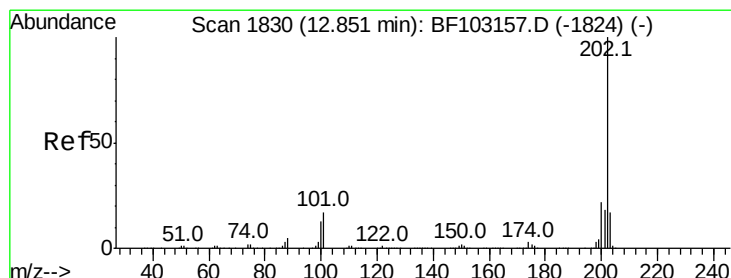
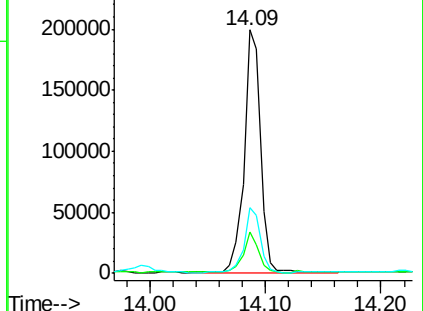
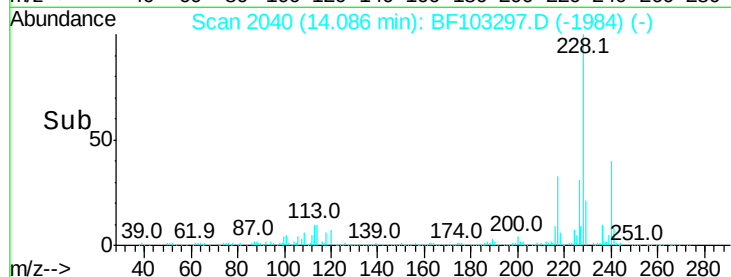
236 26.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 157.115 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

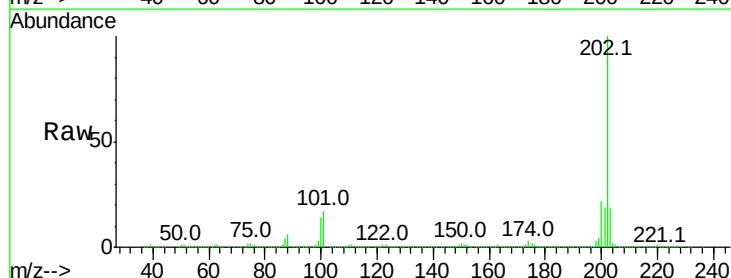
Tgt Ion:202 Resp: 2401053

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

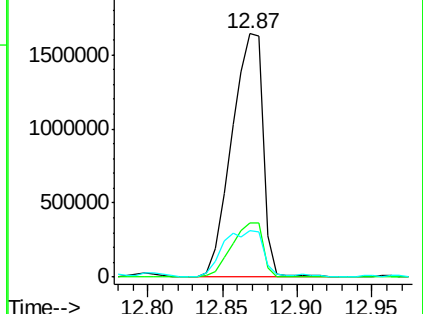
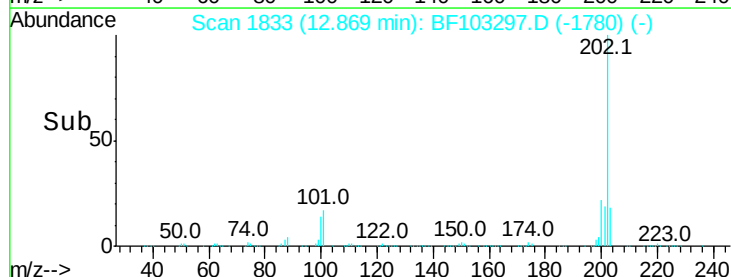
203 19.1 14.3 21.5

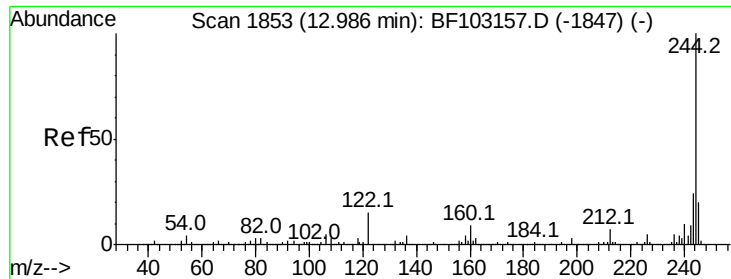


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

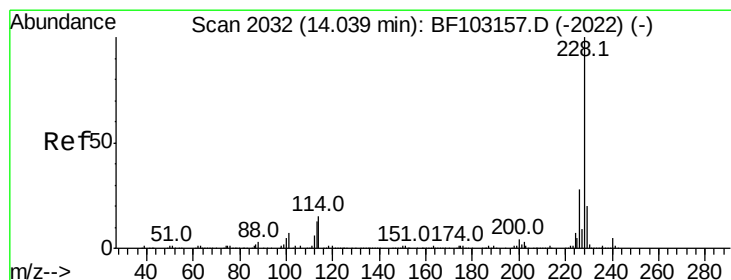
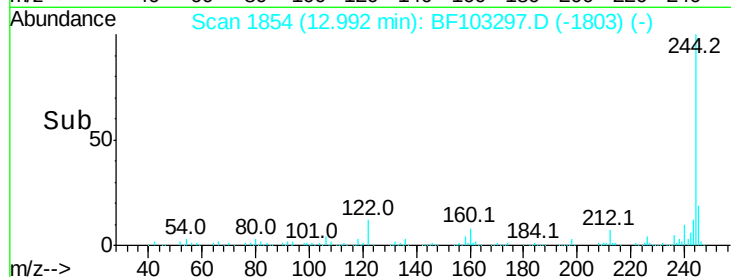
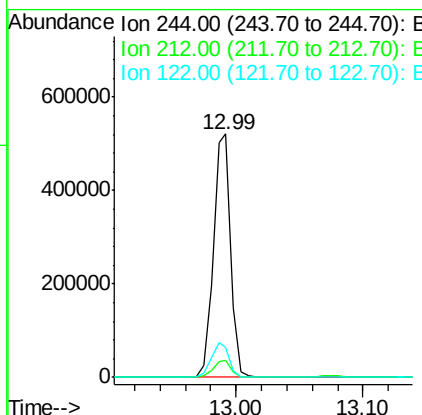
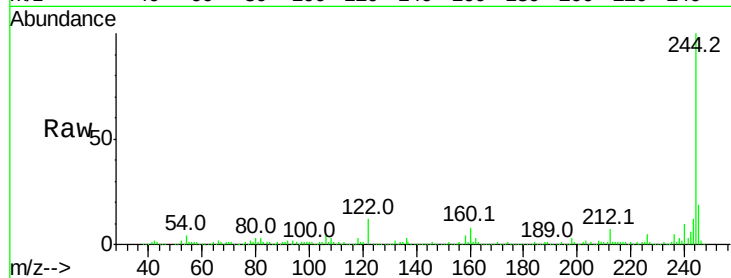




#78
 Terphenyl-d14
 Concen: 61.448 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

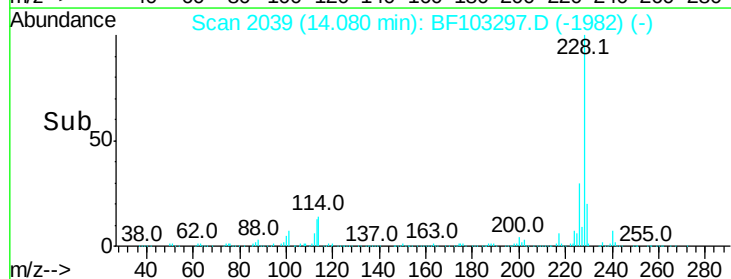
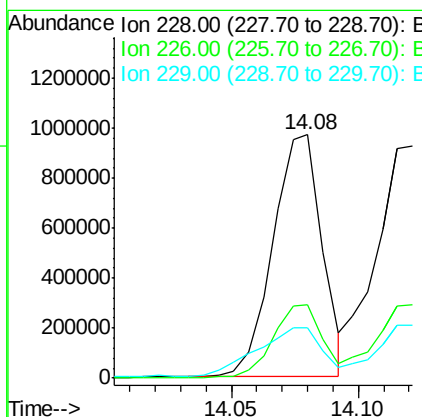
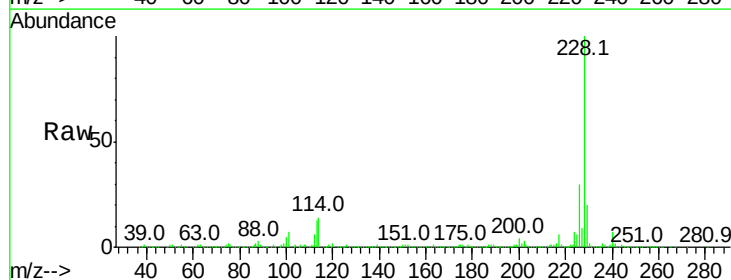
Instrument :
 BNA_F
 ClientSampleId :

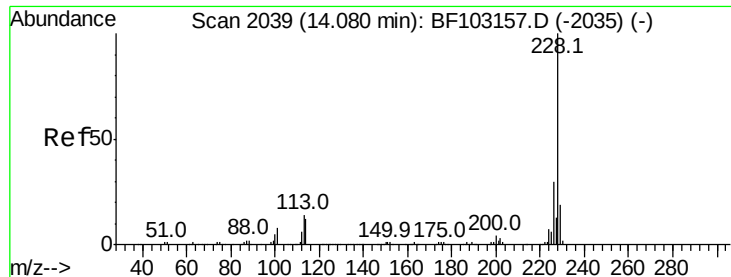
Tot Ion:244 Resp: 501042
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.3 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 103.087 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.04 min
 Lab File: BF103297.D
 Acq: 28 Feb 2018 17:10

Tgt Ion:228 Resp: 1311041
 Ion Ratio Lower Upper
 228 100
 226 30.1 22.6 33.8
 229 20.5 15.8 23.6

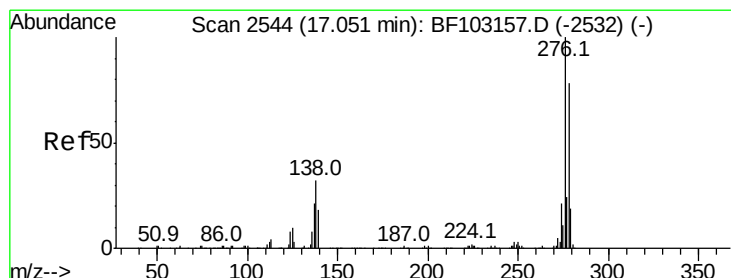
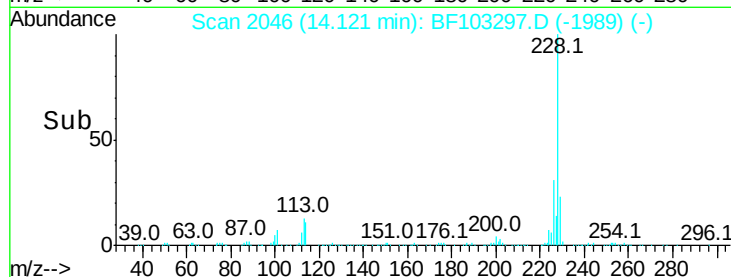
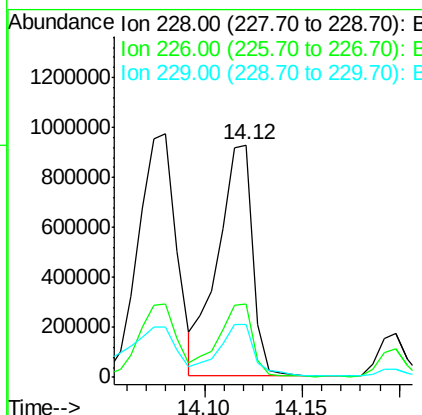
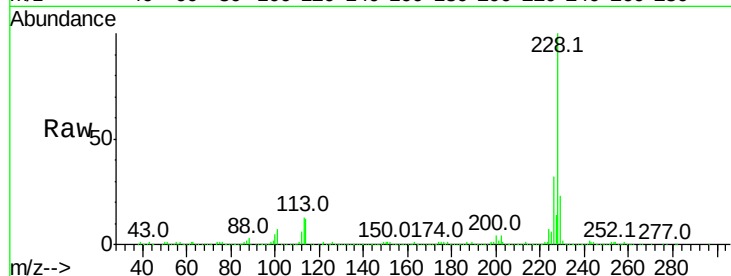




#82
Chrysene
Concen: 93.748 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.04 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

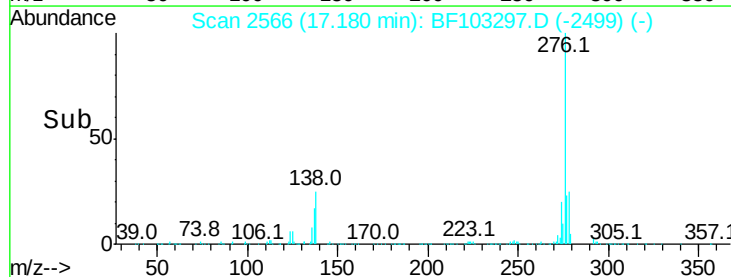
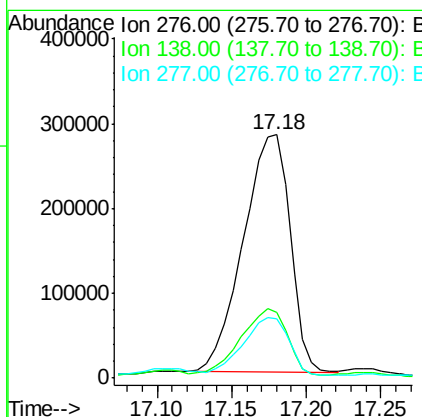
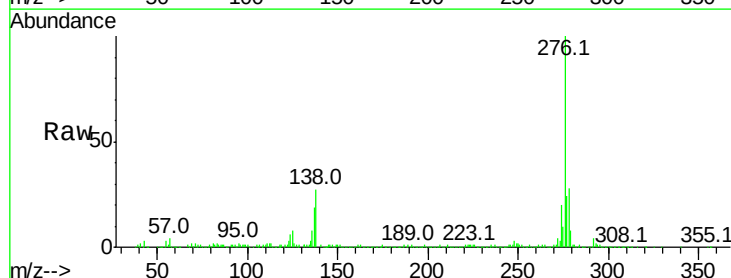
Instrument :
BNA_F
ClientSampleId :

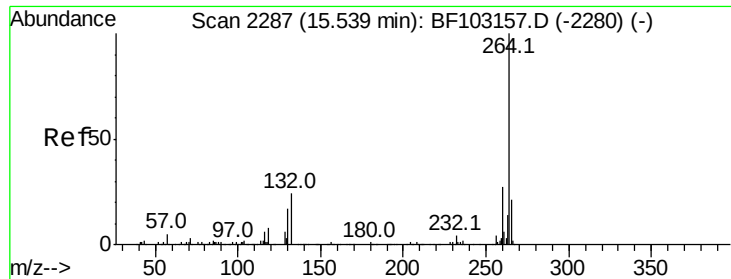
Tot Ion:228 Resp: 1157661
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.6
229 23.0 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 62.347 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.09 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Tgt Ion:276 Resp: 609514
Ion Ratio Lower Upper
276 100
138 28.0 25.0 37.6
277 23.7 20.1 30.1

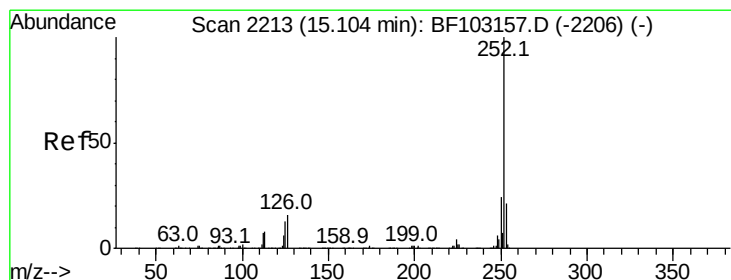
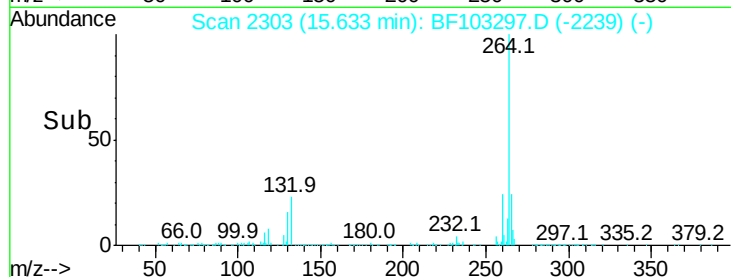
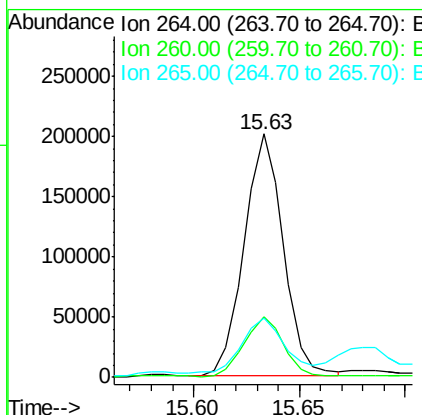
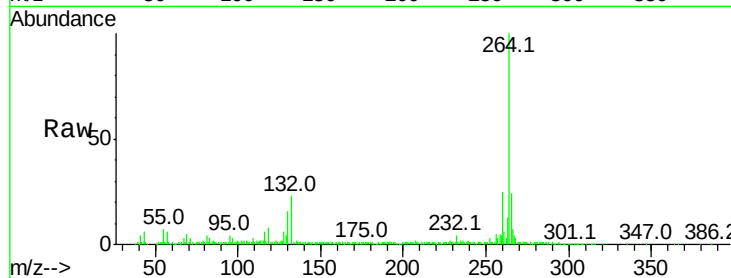




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.08 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

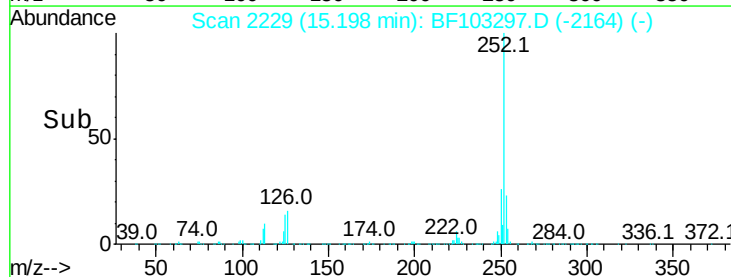
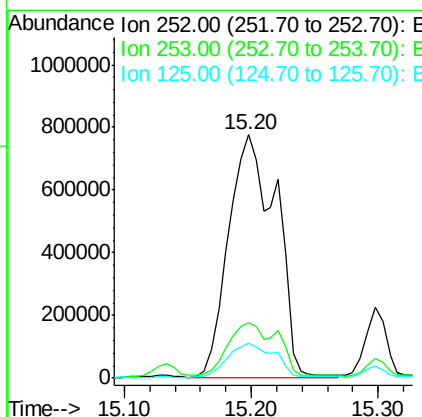
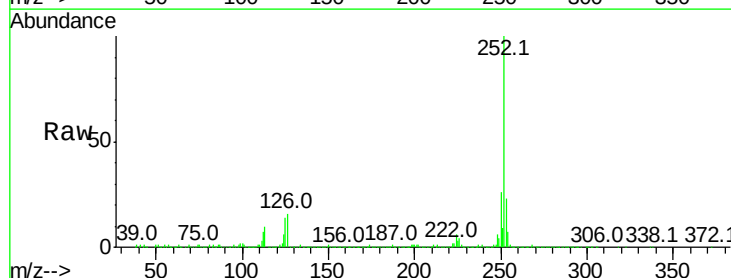
Instrument :
BNA_F
ClientSampleId :

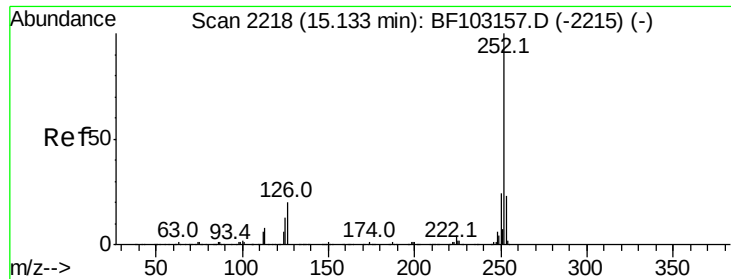
Tot Ion:264 Resp: 256543
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 24.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 118.853 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.08 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Tgt Ion:252 Resp: 2004758
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 14.1 9.0 13.6#

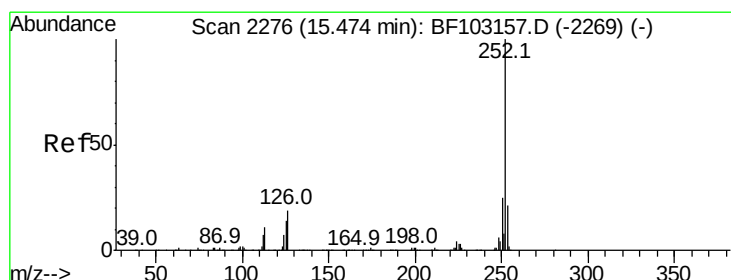
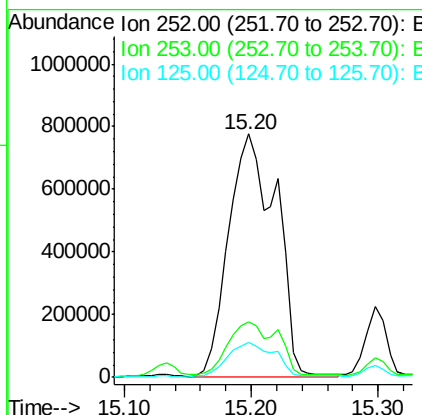
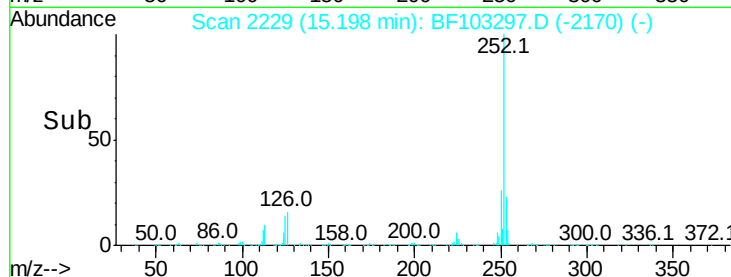
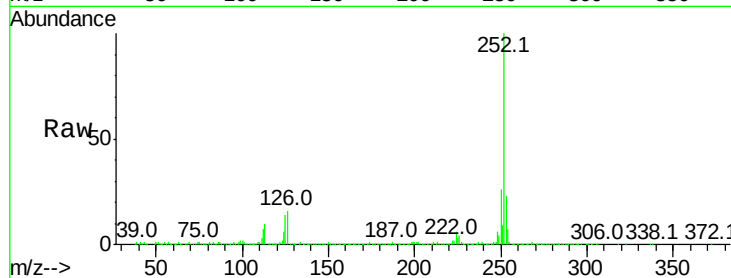




#88
Benzo(k)fluoranthene
Concen: 126.217 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.05 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

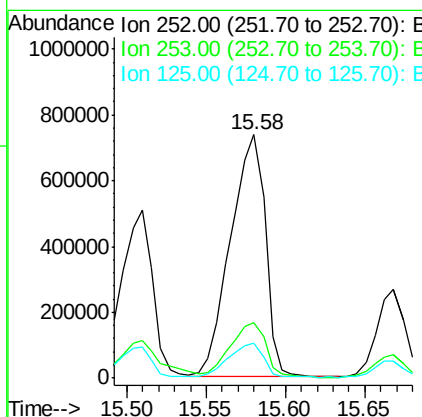
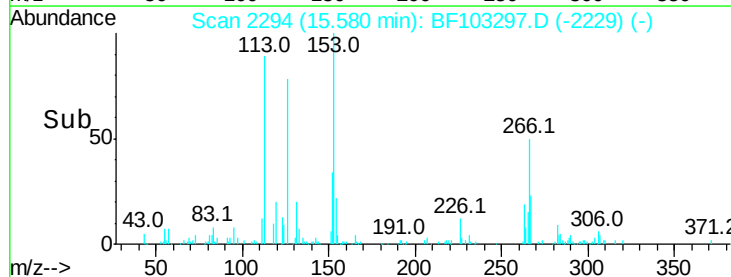
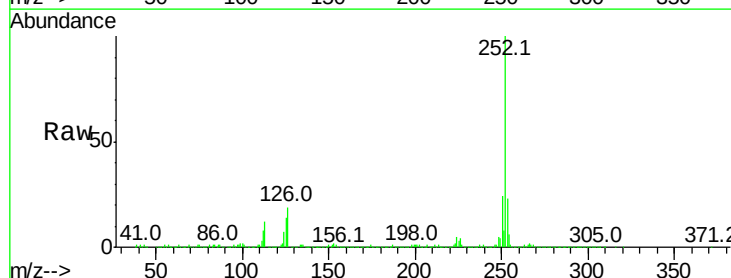
Instrument :
BNA_F
ClientSampled :

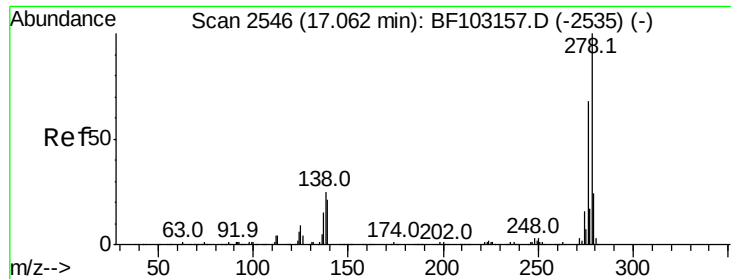
Tot Ion:252 Resp: 2004758
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 14.1 10.2 15.2



#89
Benzo(a)pyrene
Concen: 74.918 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.08 min
Lab File: BF103297.D
Acq: 28 Feb 2018 17:10

Tgt Ion:252 Resp: 1128465
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 14.3 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 9.697 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.14 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

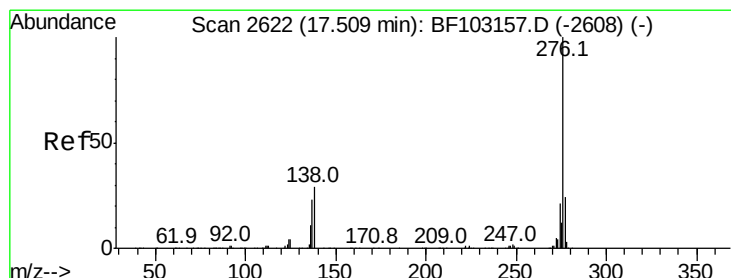
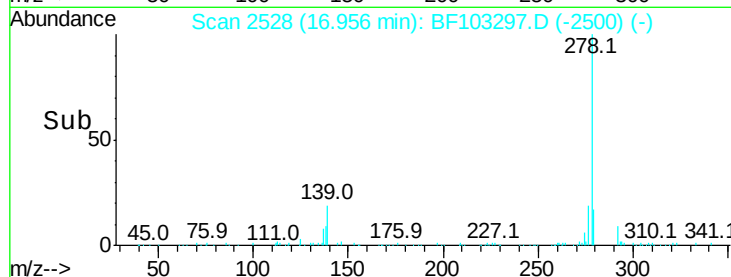
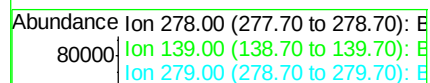
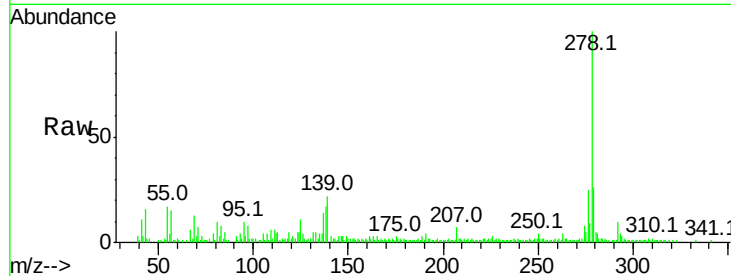
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 112866

Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	26.0	19.0	28.4



#91

Benzo(g,h,i)perylene

Concen: 47.010 ng

RT: 17.64 min Scan# 2645

Delta R.T. 0.11 min

Lab File: BF103297.D

Acq: 28 Feb 2018 17:10

Tgt Ion:276 Resp: 534753

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	29.8	21.8	32.8

