

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103299.D
 Acq On : 28 Feb 2018 18:03
 Operator : SJ/JU
 Sample : J1403-07 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 00:03:00 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	145815	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	605773	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	235482	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	343993	20.00	ng	0.00
75) Chrysene-d12	14.06	240	223891	20.00	ng	0.00
86) Perylene-d12	15.56	264	222504	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	116327	12.07	ng	0.00
7) Phenol-d6	6.51	99	140318	11.89	ng	0.00
23) Nitrobenzene-d5	7.44	82	85887	8.10	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	18531	9.30	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	130331	5.52	ng	0.00
78) Terphenyl-d14	12.99	244	66308	7.12	ng	0.00

Target Compounds

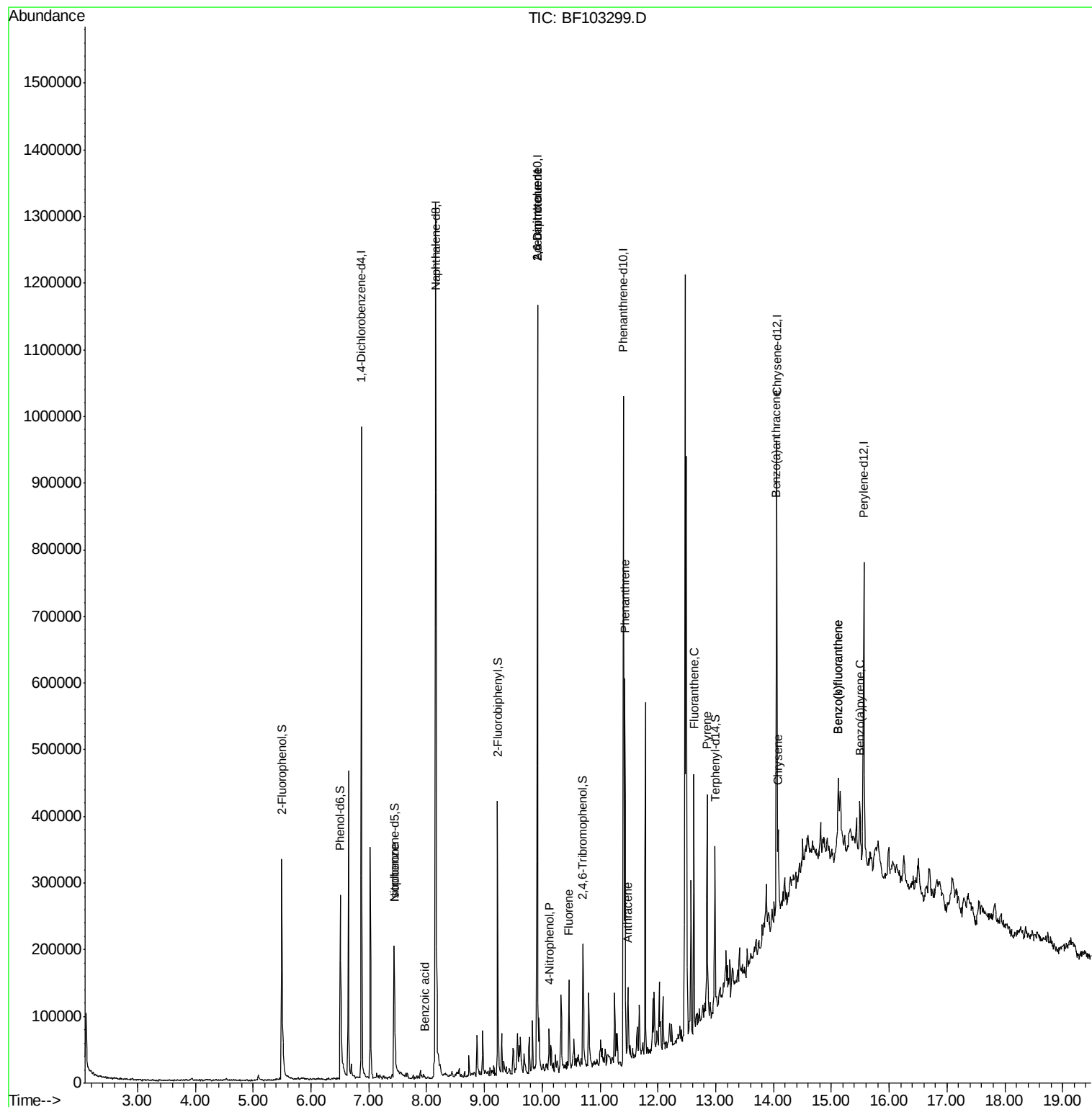
						Qvalue
9) Benzaldehyde	6.32	77	109	Below Cal	#	1
25) Isophorone	7.44	82	85886	4.111 ng	#	65
32) Benzoic acid	7.96	122	125	6.931 ng	#	45
50) 2,6-Dinitrotoluene	9.91	165	31506	7.947 ng	#	26
55) 4-Nitrophenol	10.12	139	8963	2.875 ng	#	14
56) 2,4-Dinitrotoluene	9.91	165	31506	6.284 ng	#	23
57) Fluorene	10.46	166	37459	2.287 ng		99
70) Phenanthrene	11.43	178	183777	9.708 ng		99
71) Anthracene	11.48	178	46802	2.411 ng		98
74) Fluoranthene	12.62	202	138538	7.282 ng		97
77) Pyrene	12.85	202	118109	6.766 ng		99
80) Benzo(a)anthracene	14.04	228	52376	3.605 ng		96
82) Chrysene	14.08	228	43391	3.076 ng		94
87) Benzo(b)fluoranthene	15.12	252	69197	4.730 ng	#	85
88) Benzo(k)fluoranthene	15.12	252	69197	5.023 ng	#	88
89) Benzo(a)pyrene	15.50	252	38022	2.910 ng	#	86

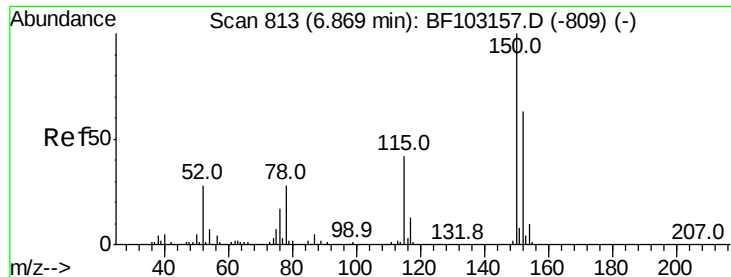
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103299.D
Acq On : 28 Feb 2018 18:03
Operator : SJ/JU
Sample : J1403-07 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 01 00:03:00 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



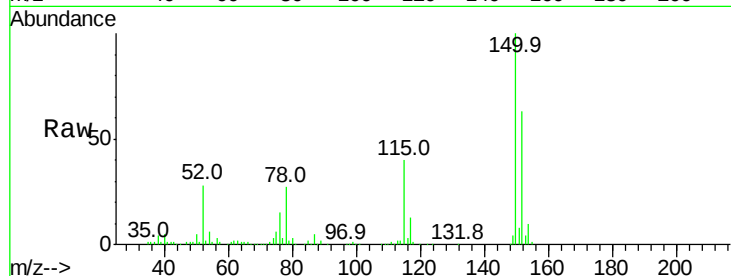


#1

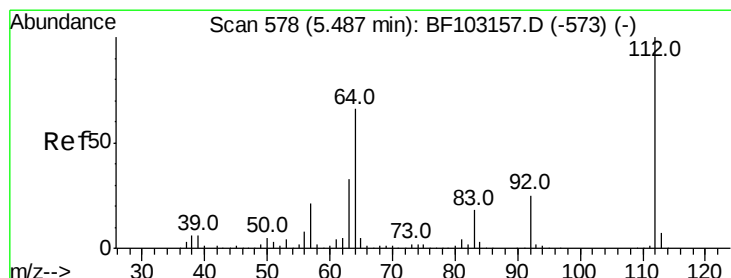
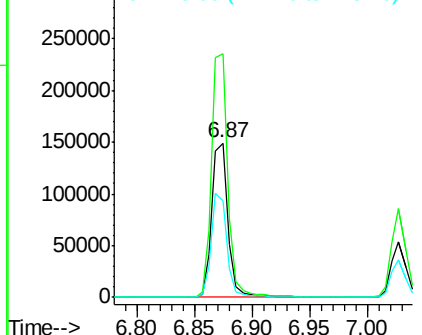
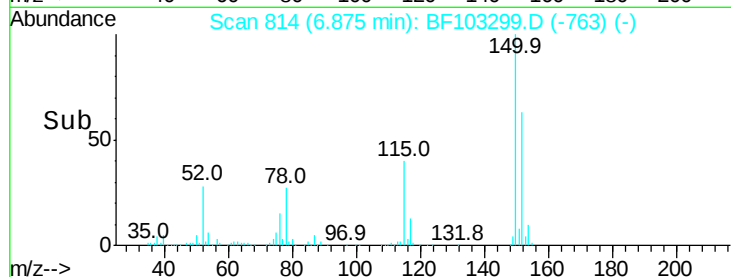
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145815
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.4 50.1 75.1



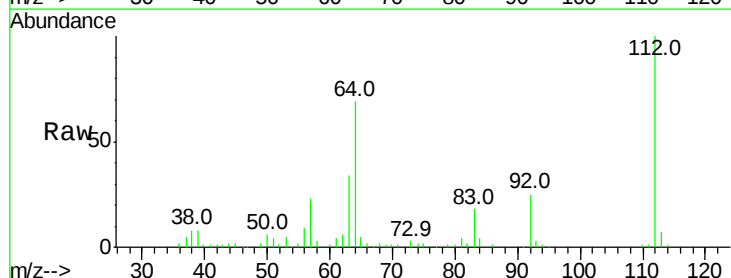
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



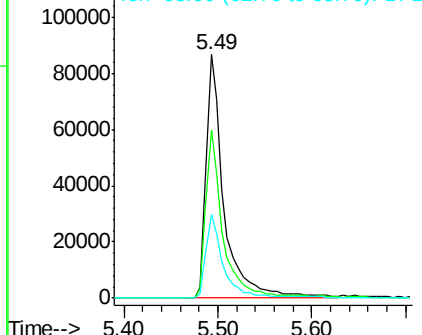
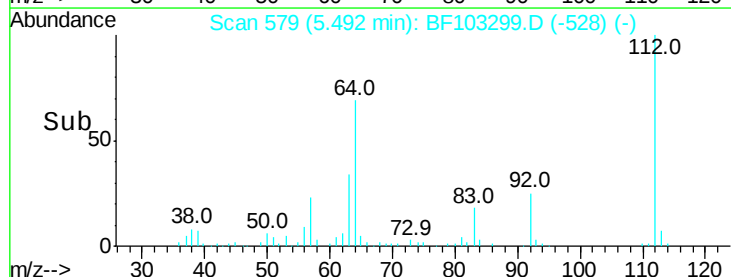
#5

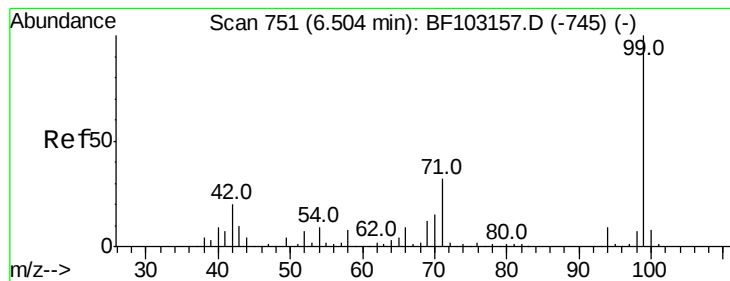
2-Fluorophenol
Concen: 12.066 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion:112 Resp: 116327
Ion Ratio Lower Upper
112 100
64 68.8 47.9 71.9
63 34.1 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: 11.894 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Instrument :

BNA_F

ClientSampleId :

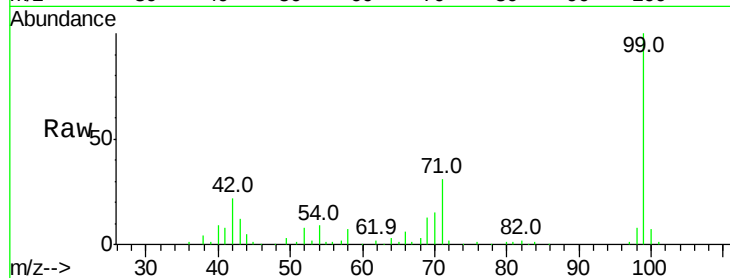
Tot Ion: 99 Resp: 140318

Ion Ratio Lower Upper

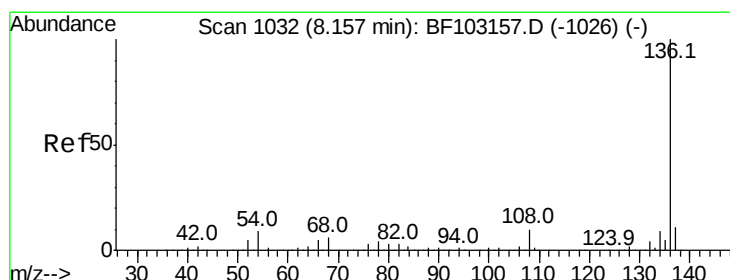
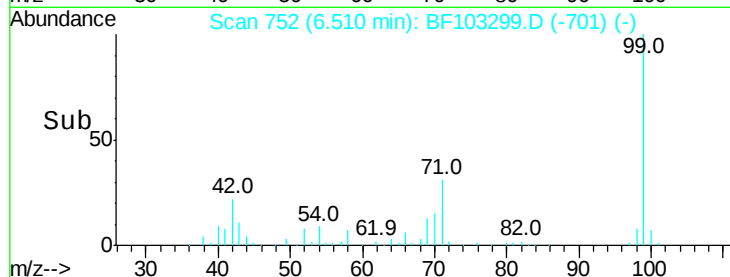
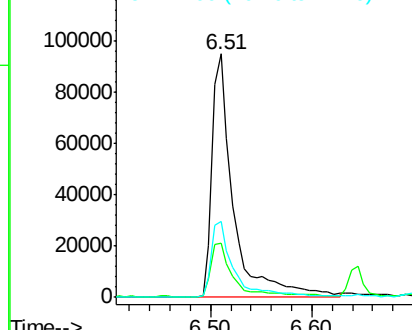
99 100

42 22.2 14.5 21.7#

71 31.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Tgt Ion: 136 Resp: 605773

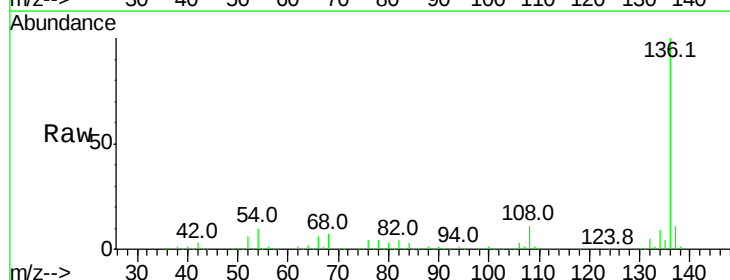
Ion Ratio Lower Upper

136 100

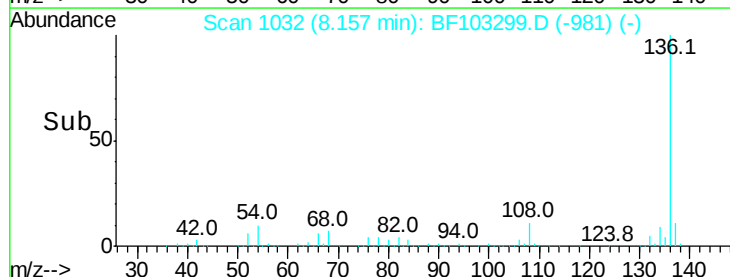
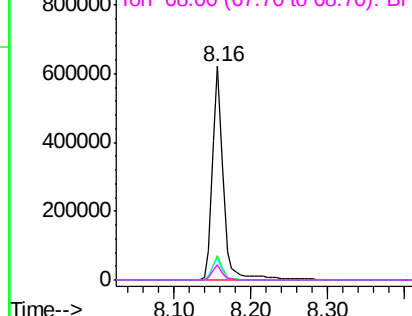
137 11.2 8.9 13.3

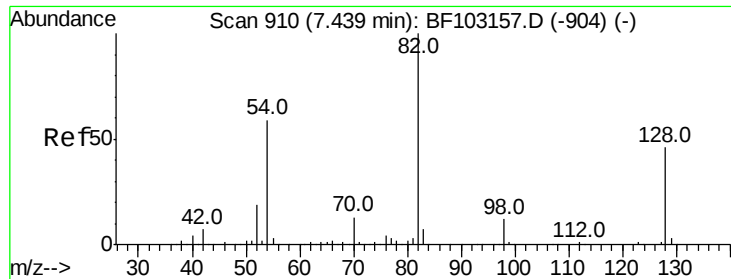
54 9.9 6.6 9.8#

68 6.9 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

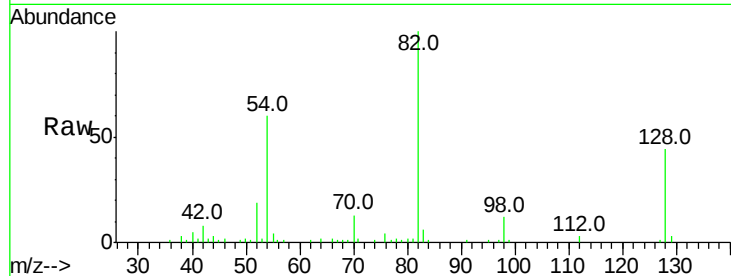




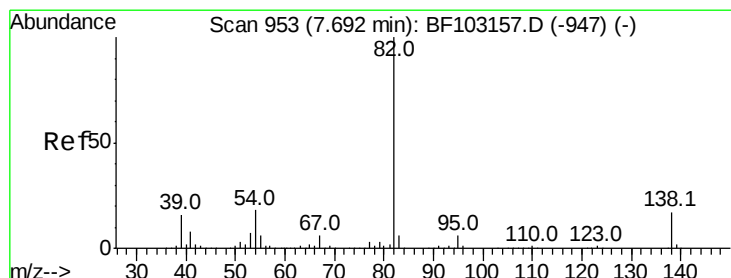
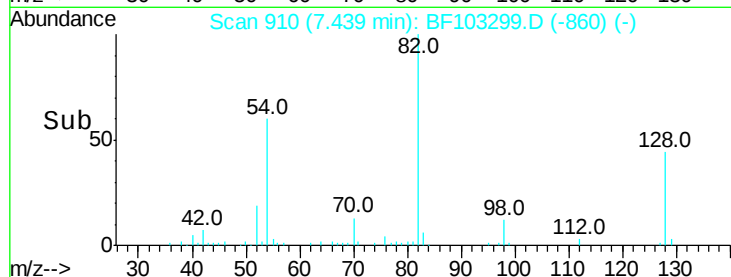
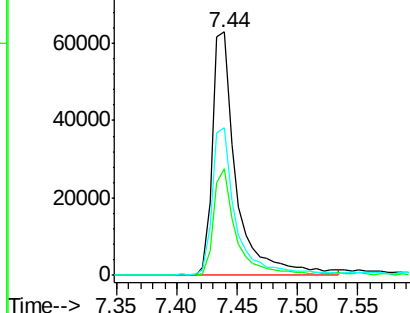
#23
Nitrobenzene-d5
Concen: 8.097 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	85887
Ion Ratio	Lower	Upper	
82	100		
128	43.6	36.1	54.1
54	60.5	41.4	62.2

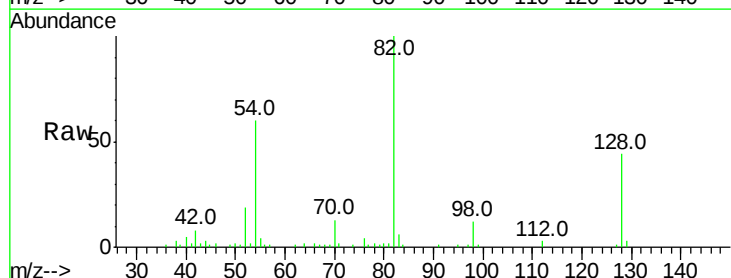


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

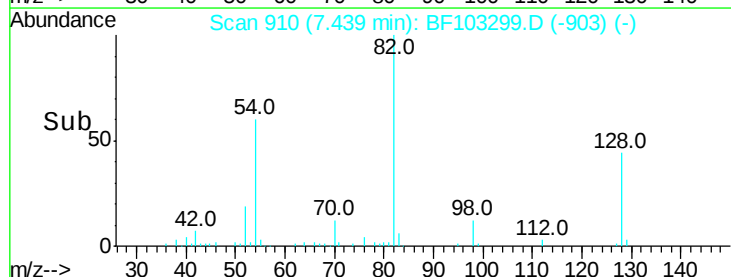
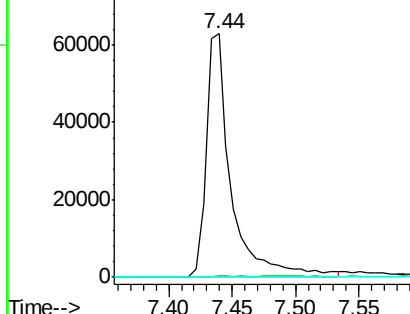


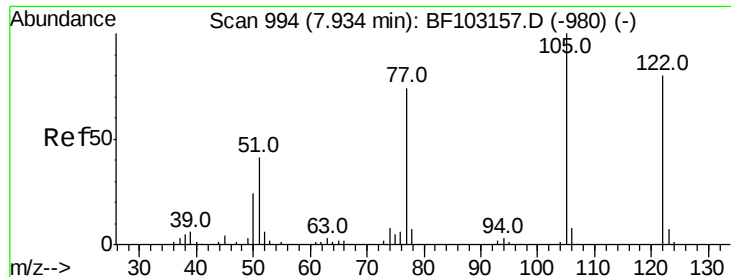
#25
Isophorone
Concen: 4.111 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion	82	Resp	85886
Ion Ratio	Lower	Upper	
82	100		
95	0.5	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

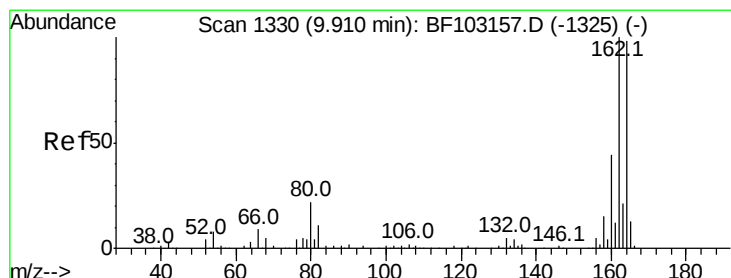
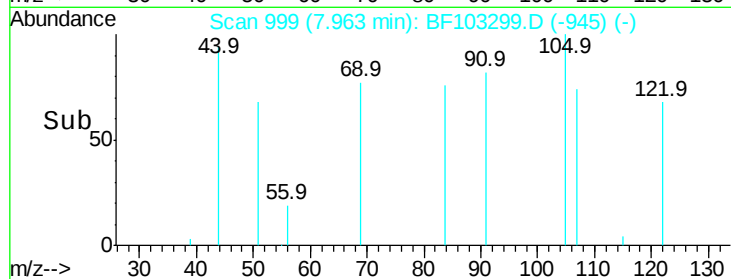
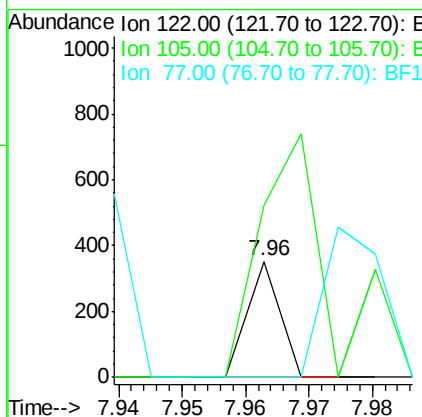
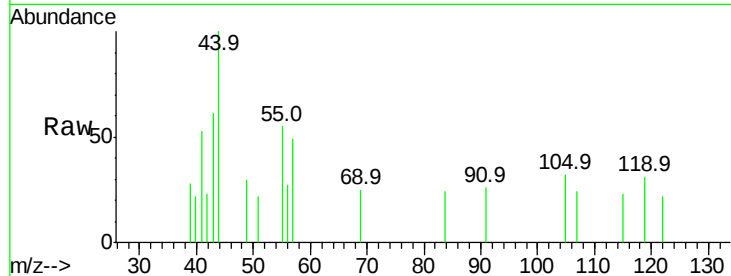




#32
Benzoic acid
Concen: 6.931 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

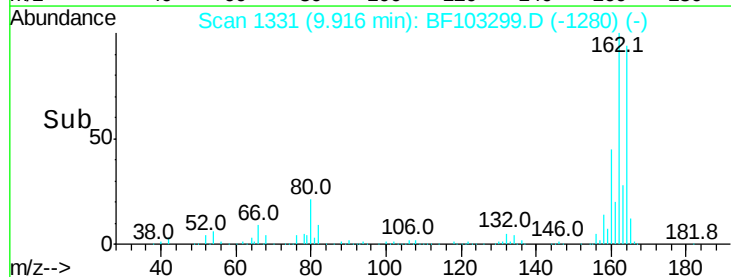
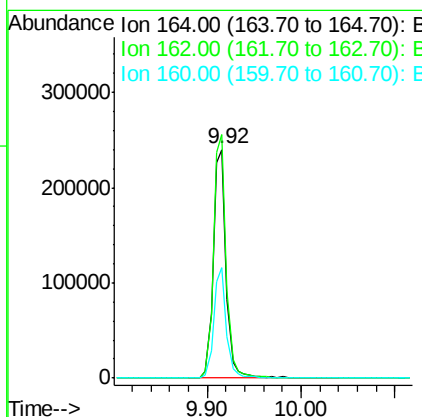
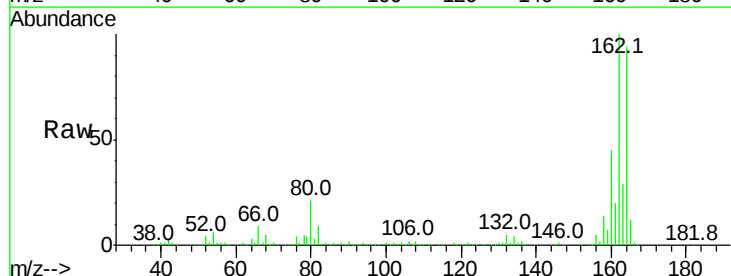
Instrument :
BNA_F
ClientSampleId :

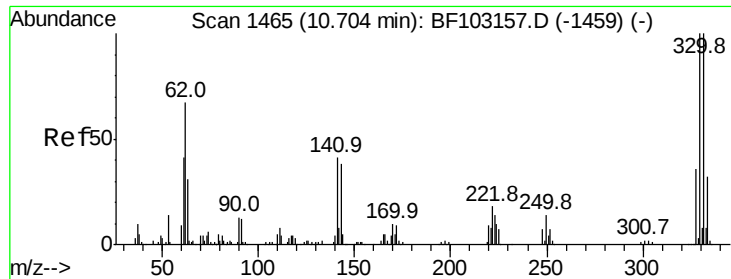
Tot Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 147.6 101.1 141.1#
77 0.0 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion:164 Resp: 235482
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 48.4 38.3 57.5

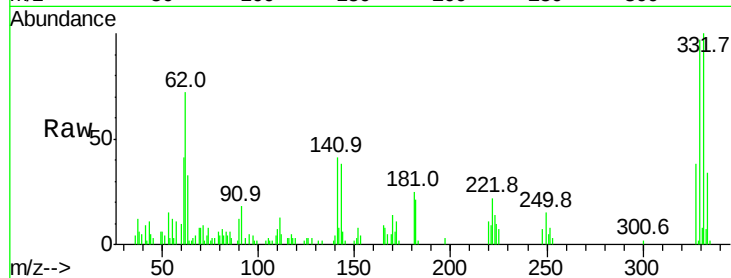




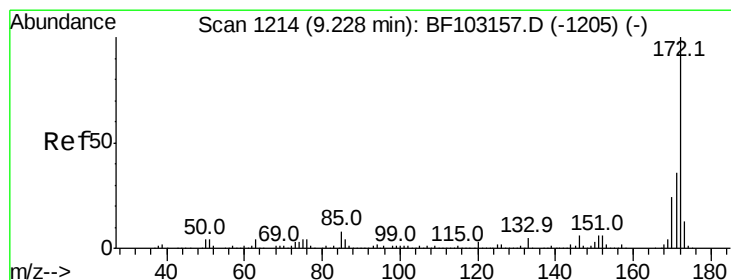
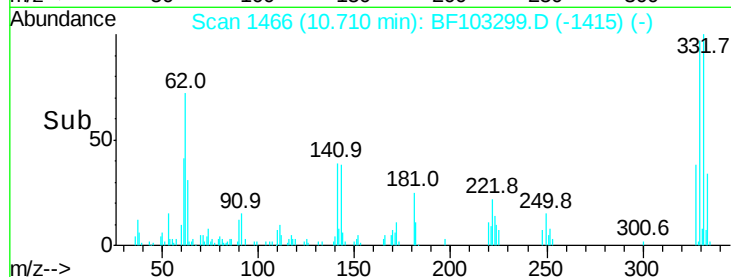
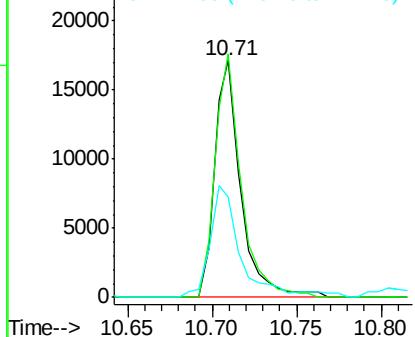
#41
 2,4,6-Tribromophenol
 Concen: 9.297 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 18531
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.0 115.6
 141 54.1 29.9 44.9#

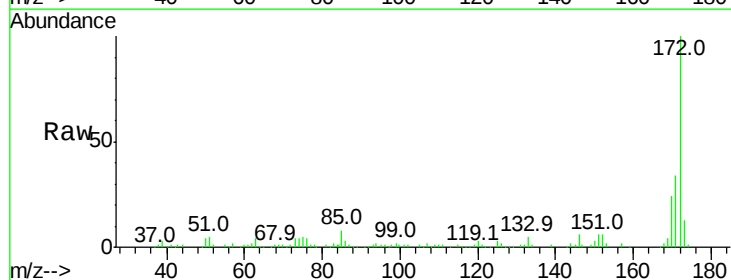


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

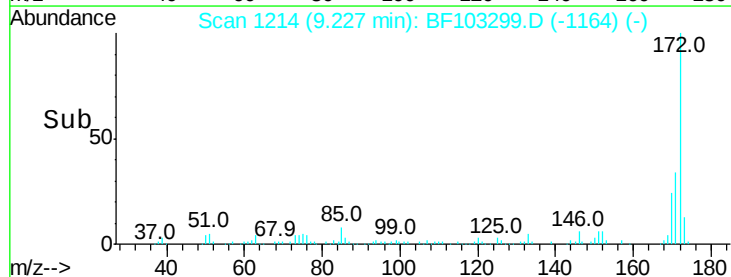
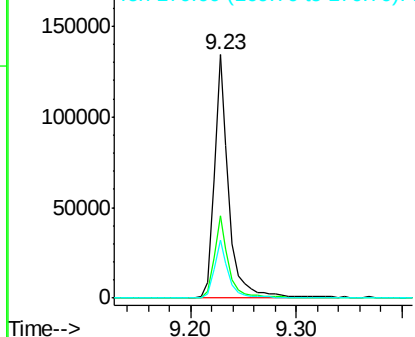


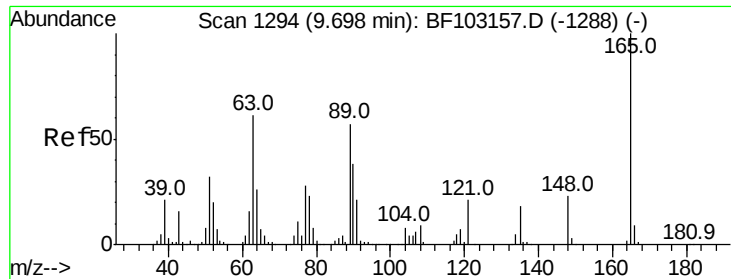
#44
 2-Fluorobiphenyl
 Concen: 5.524 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Tgt Ion:172 Resp: 130331
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 24.1 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

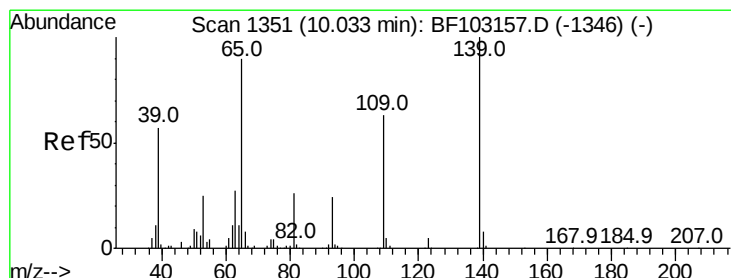
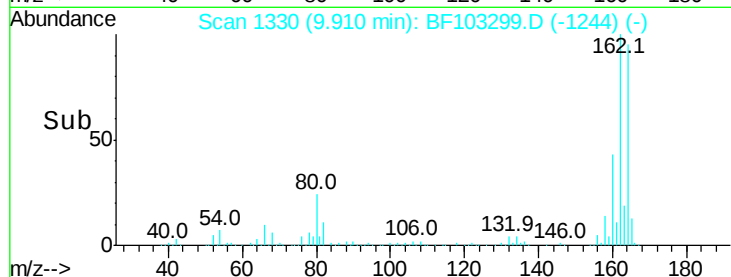
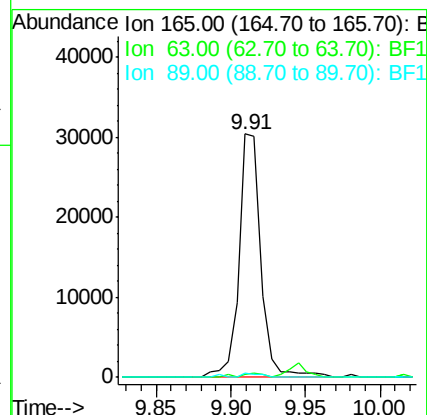
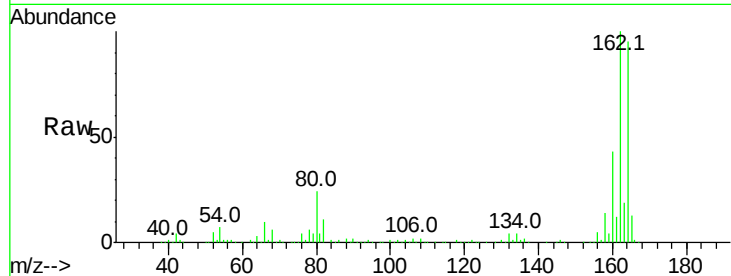




#50
 2,6-Dinitrotoluene
 Concen: 7.947 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

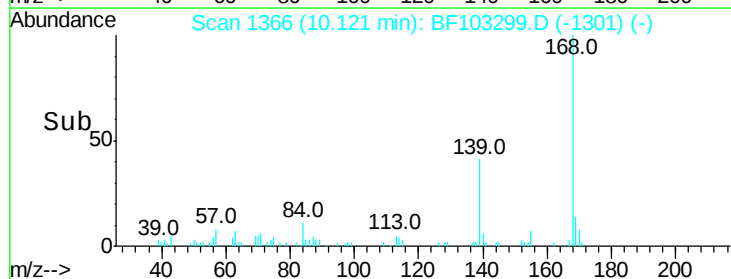
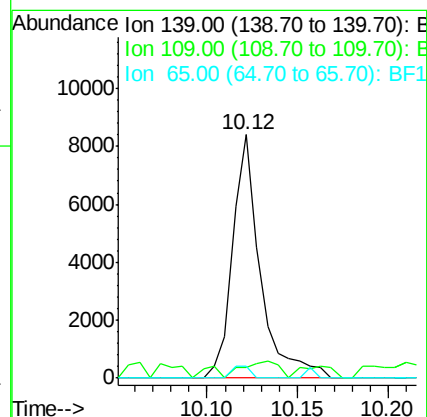
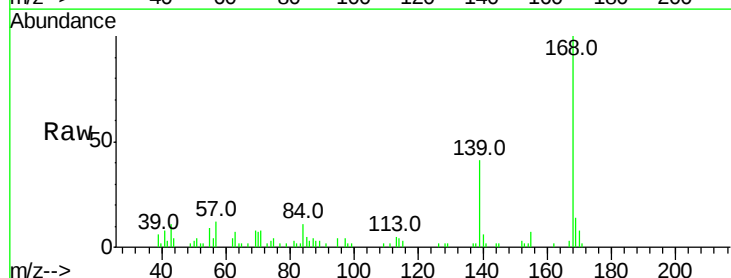
Instrument :
 BNA_F
 ClientSampleId :

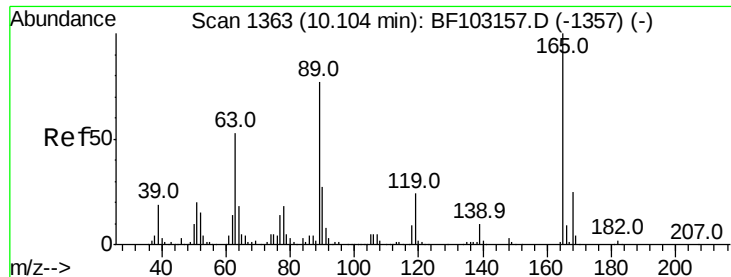
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#



#55
 4-Nitrophenol
 Concen: 2.875 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.08 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	4.1	48.4	88.4#
65	4.9	72.6	112.6#

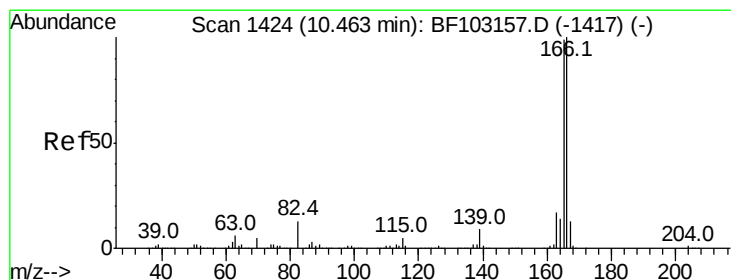
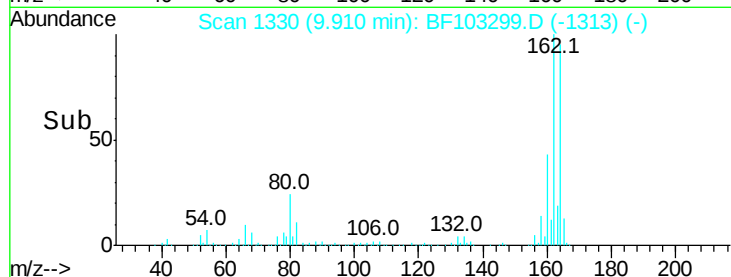
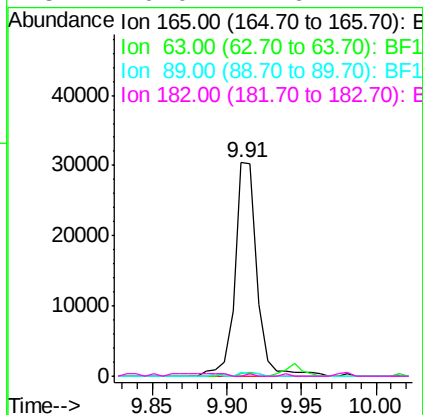
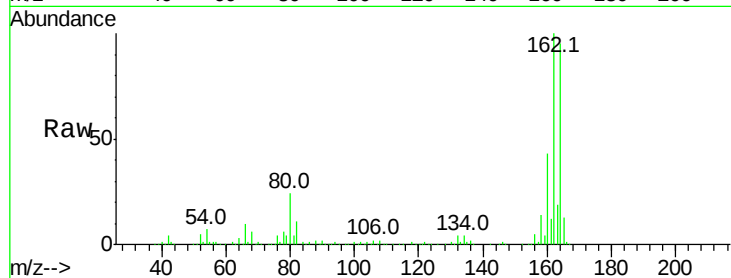




#56
2,4-Dinitrotoluene
Concen: 6.284 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

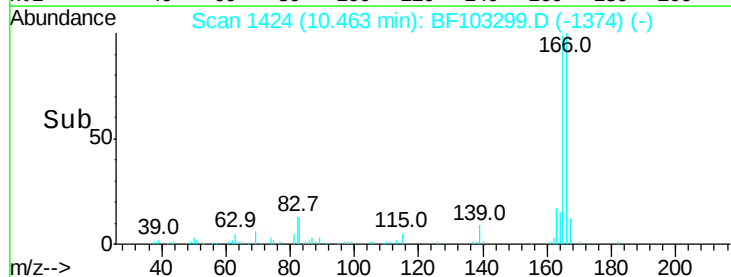
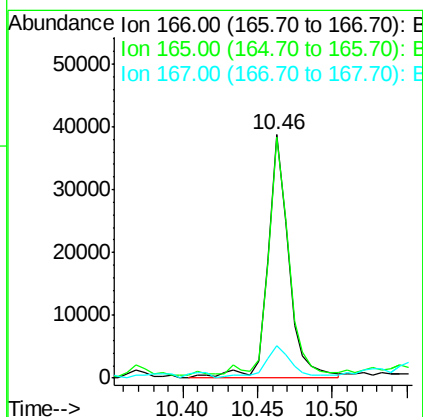
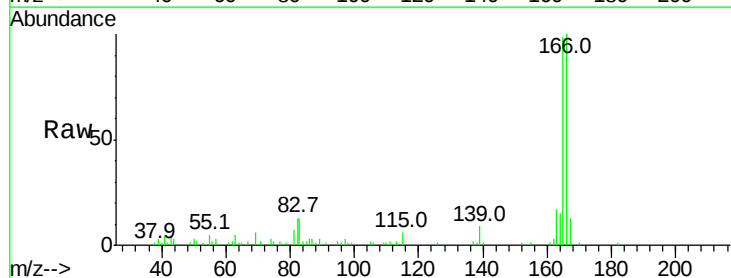
Instrument :
BNA_F
ClientSampleId :

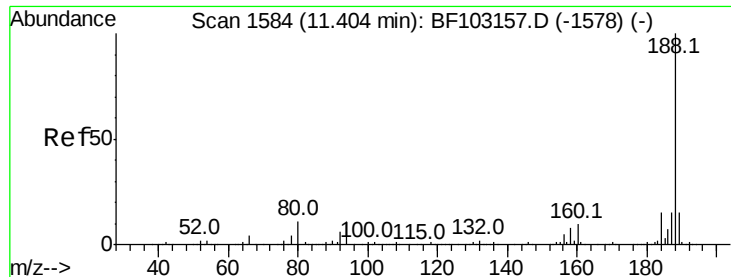
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 2.287 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.3	10.6	16.0

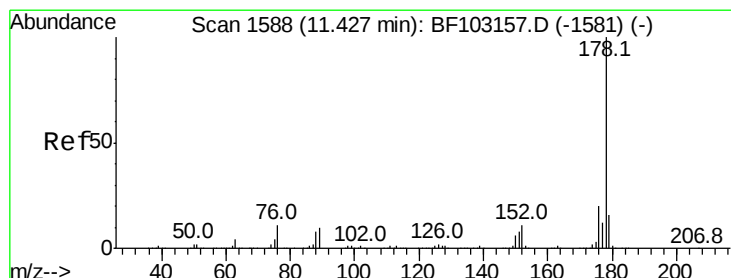
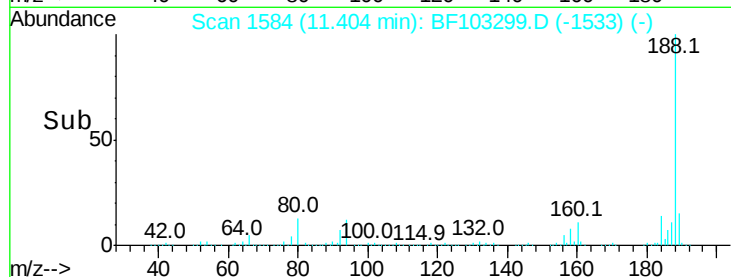
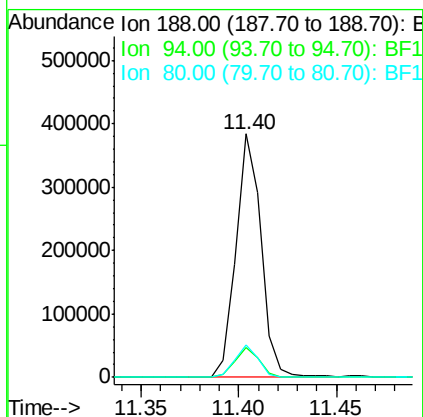
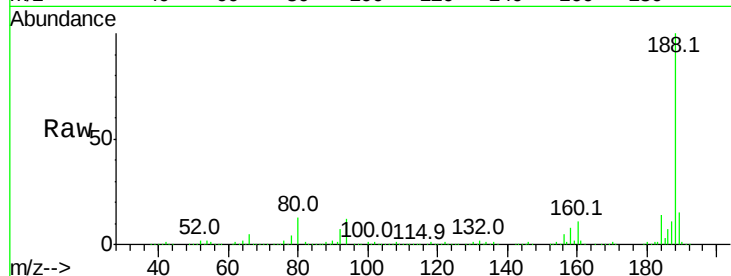




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

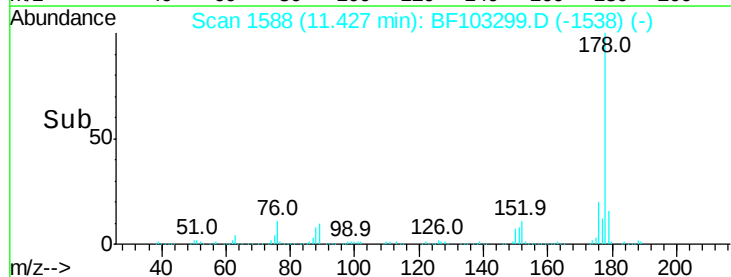
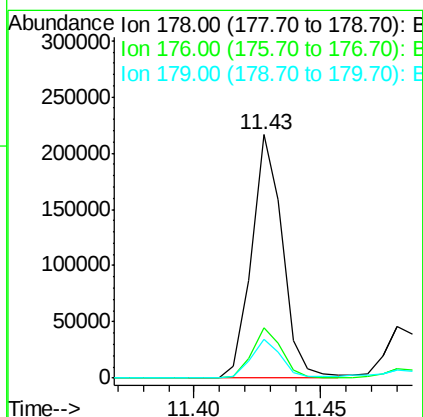
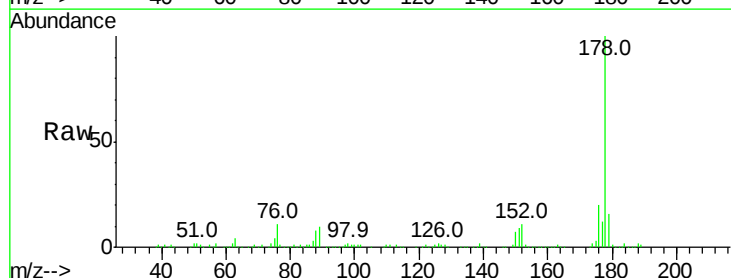
Instrument :
BNA_F
ClientSampled :

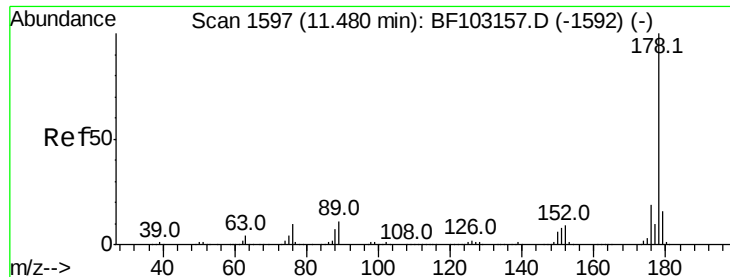
Tot Ion:188 Resp: 343993
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.3 9.2 13.8



#70
Phenanthrene
Concen: 9.708 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion:178 Resp: 183777
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 16.2 13.0 19.6

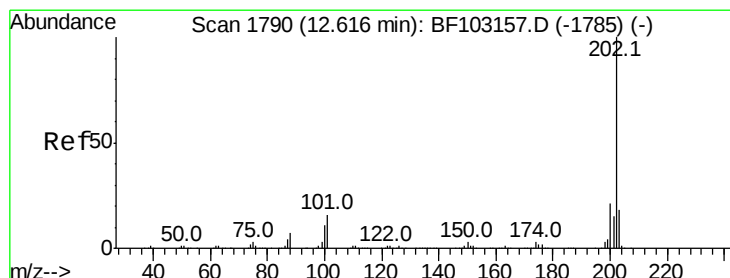
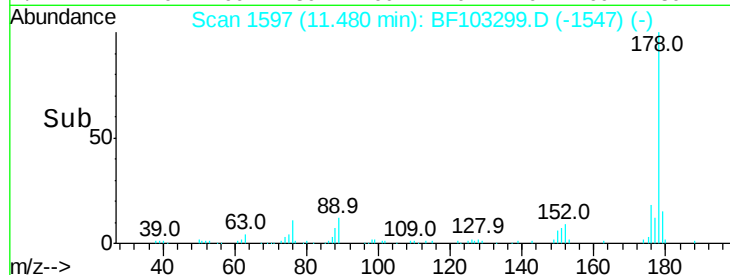
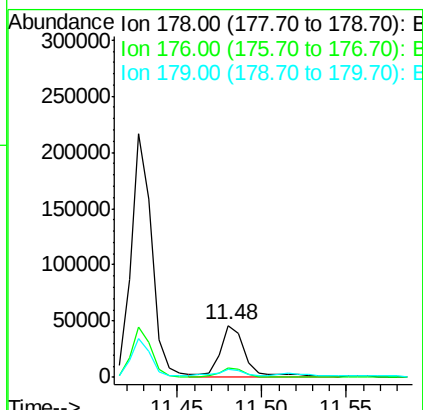
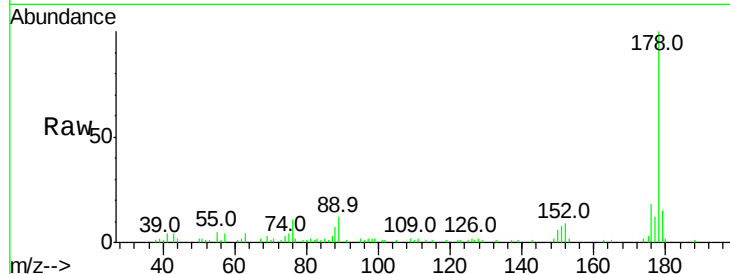




#71
 Anthracene
 Concen: 2.411 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

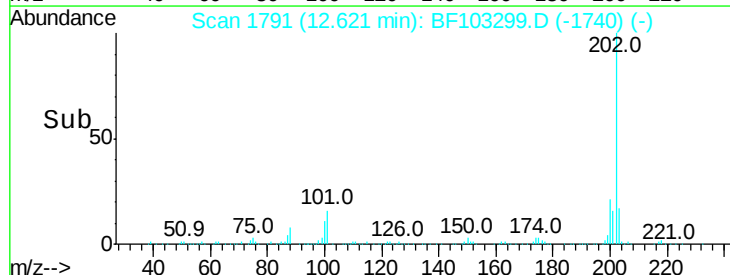
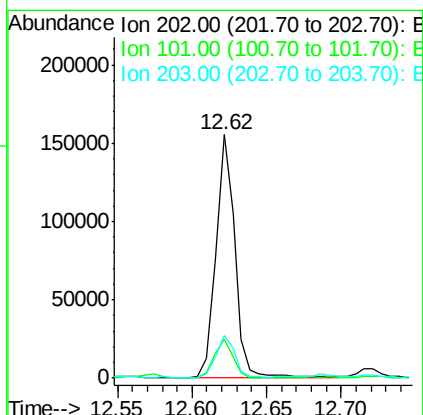
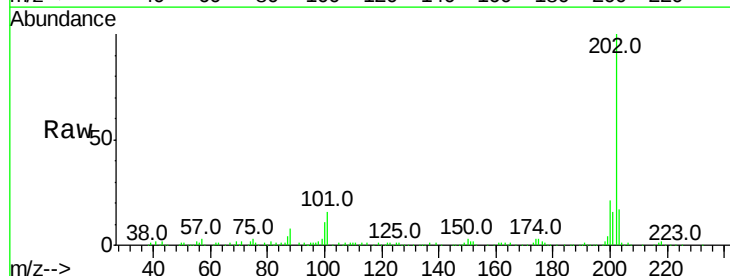
Instrument :
 BNA_F
 ClientSampleId :

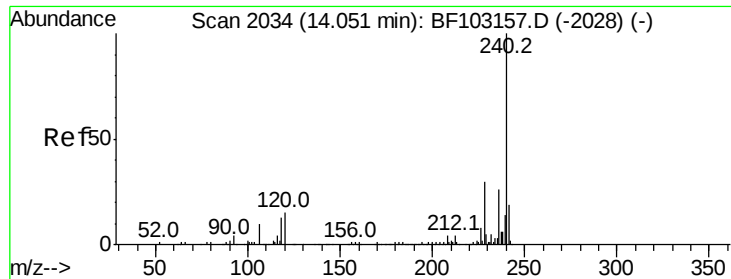
Tot Ion:178 Resp: 46802
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.4 23.2
 179 15.4 12.6 19.0



#74
 Fluoranthene
 Concen: 7.282 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Tgt Ion:202 Resp: 138538
 Ion Ratio Lower Upper
 202 100
 101 15.9 0.0 34.1
 203 17.4 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: BF103299.D

Acq: 28 Feb 2018 18:03

Instrument :

BNA_F

ClientSampleId :

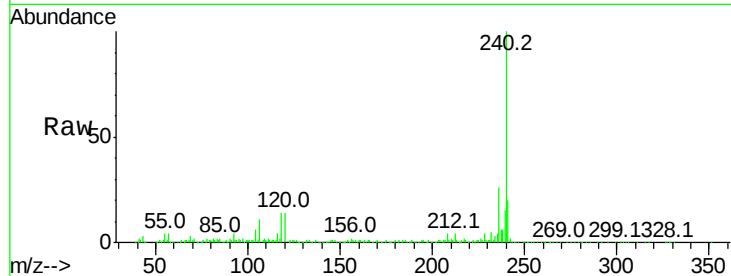
Tot Ion:240 Resp: 223891

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

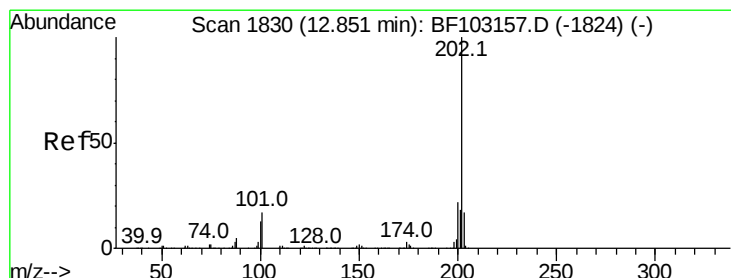
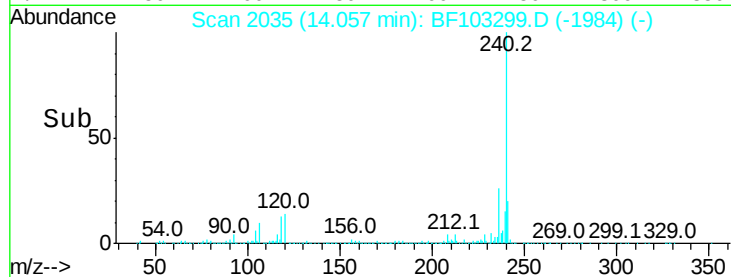
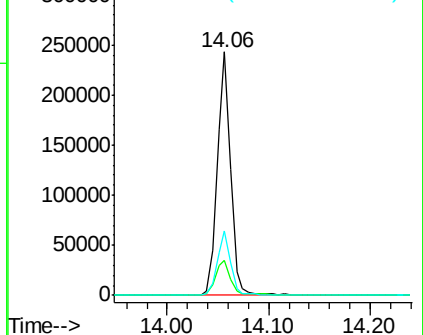
236 26.2 20.7 31.1



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: 6.766 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

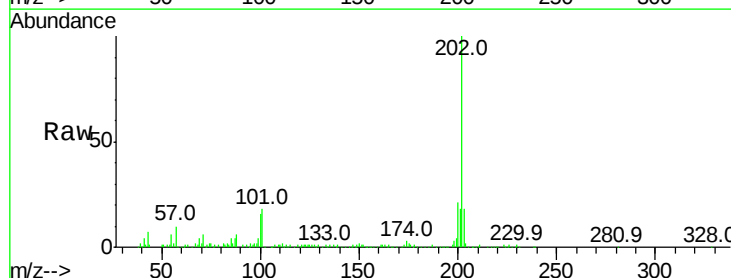
Tgt Ion:202 Resp: 118109

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

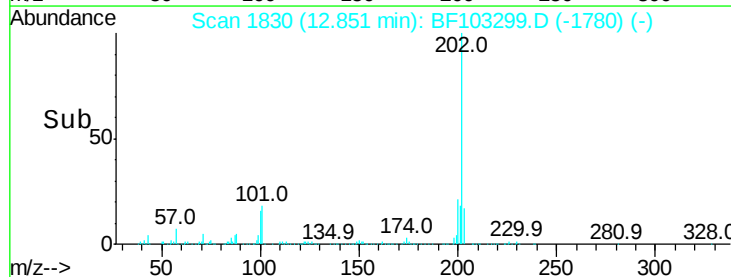
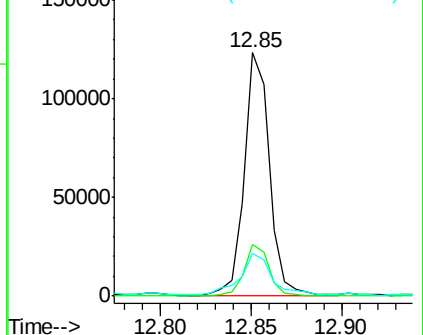
203 17.6 14.3 21.5

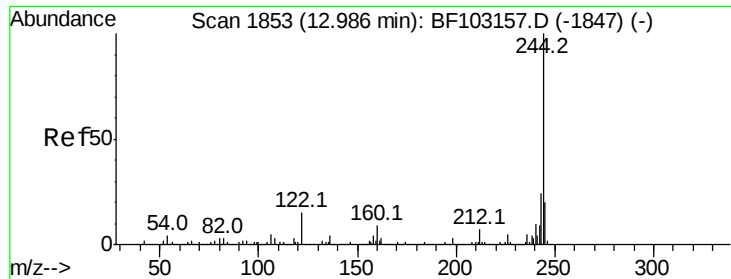


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

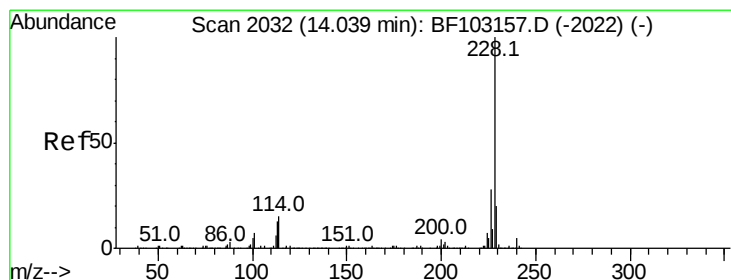
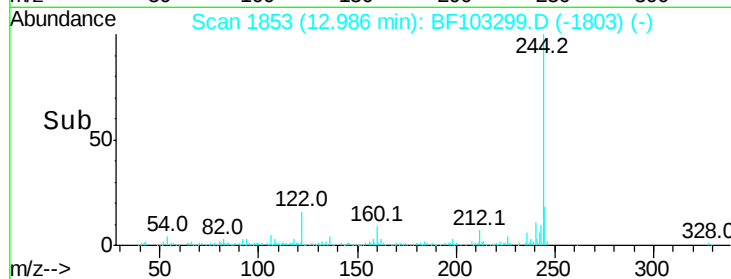
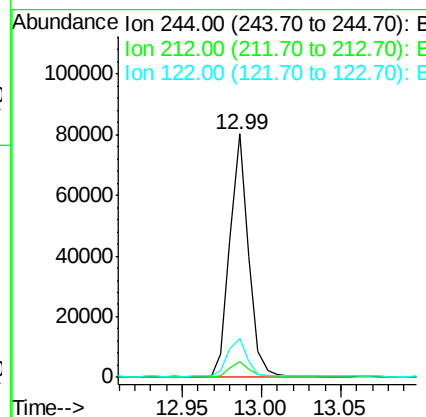
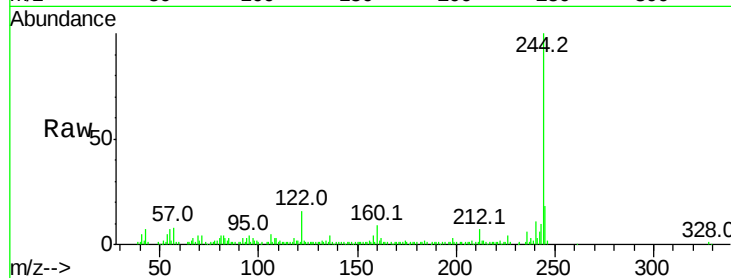




#78
 Terphenyl-d14
 Concen: 7.119 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

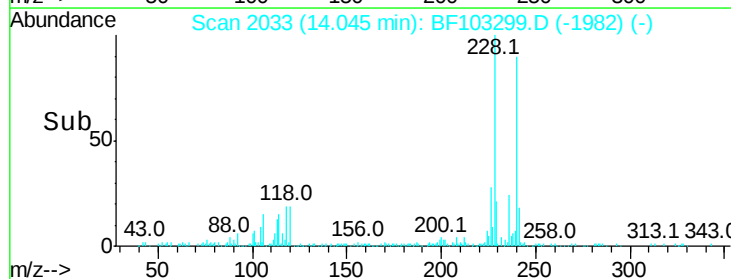
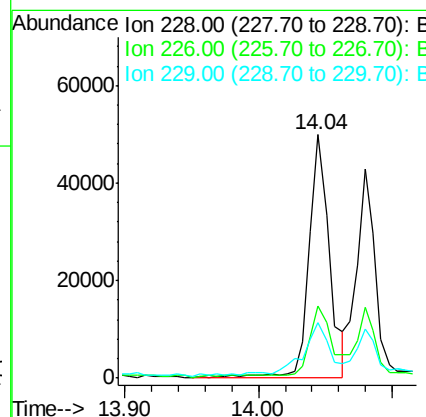
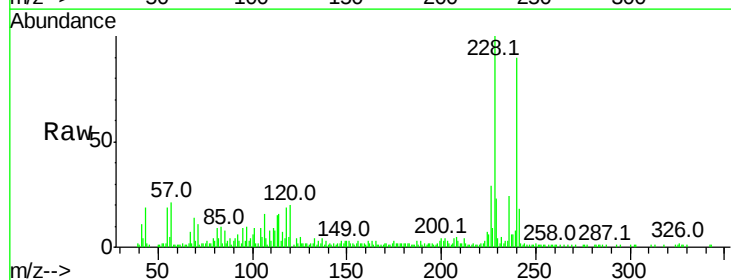
Instrument :
 BNA_F
 ClientSampleId :

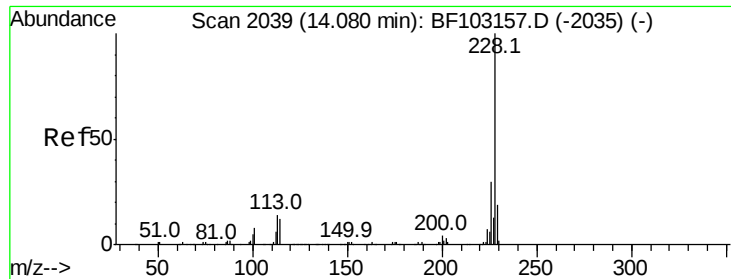
Tot Ion:244 Resp: 66308
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 15.7 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 3.605 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF103299.D
 Acq: 28 Feb 2018 18:03

Tgt Ion:228 Resp: 52376
 Ion Ratio Lower Upper
 228 100
 226 29.4 22.6 33.8
 229 22.7 15.8 23.6

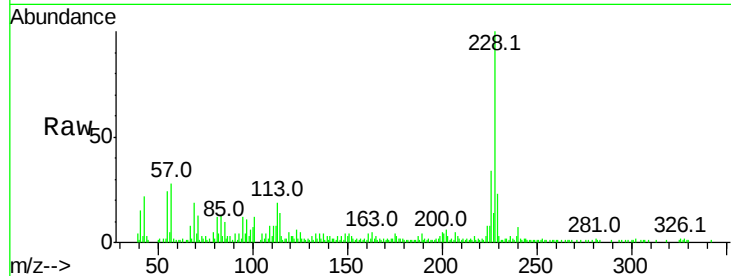




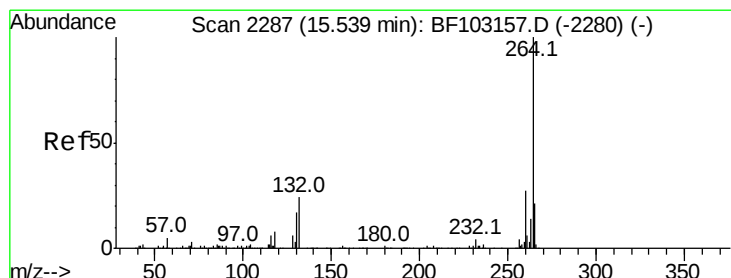
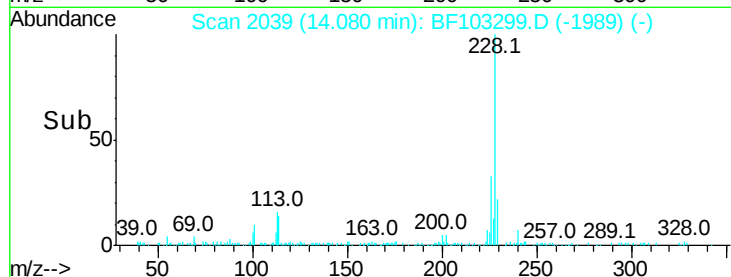
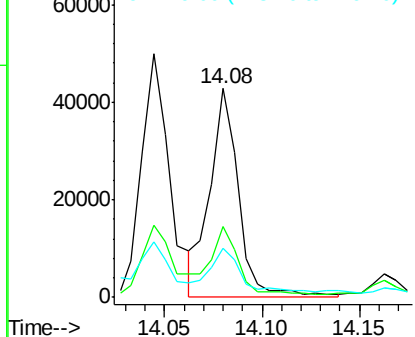
#82
Chrysene
Concen: 3.076 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 43391
Ion Ratio Lower Upper
228 100
226 34.0 25.0 37.6
229 23.5 16.2 24.4

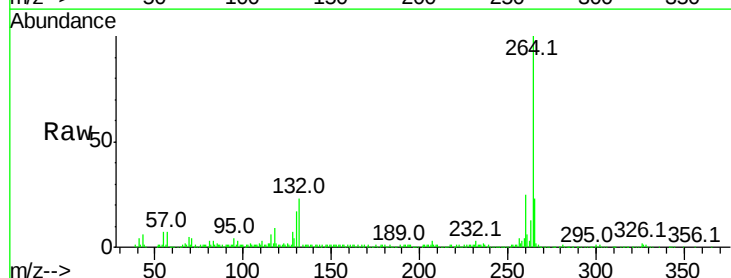


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

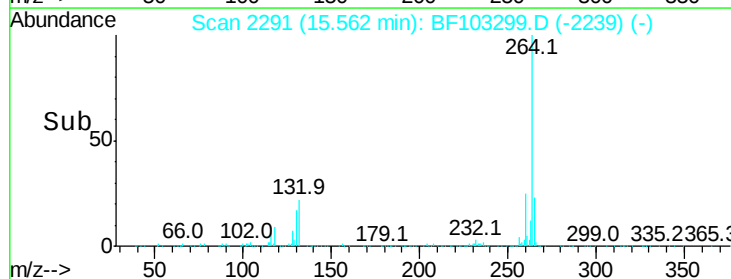
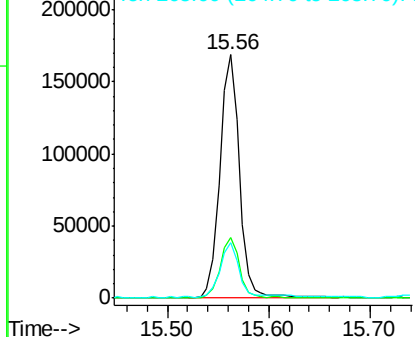


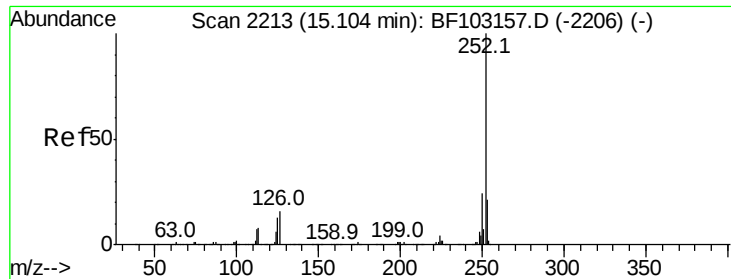
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF103299.D
Acq: 28 Feb 2018 18:03

Tgt Ion:264 Resp: 222504
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 22.8 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: 4.730 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103299.D

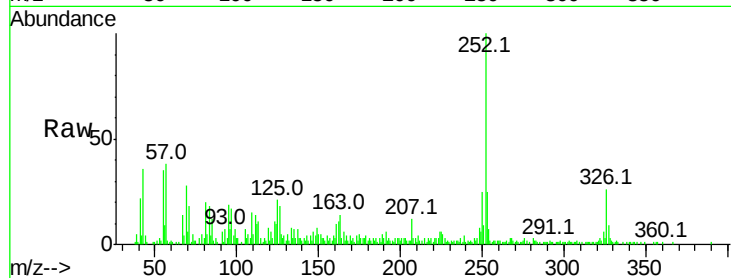
Acq: 28 Feb 2018 18:03

Instrument :

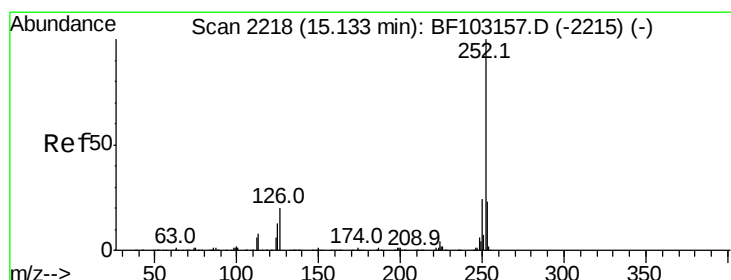
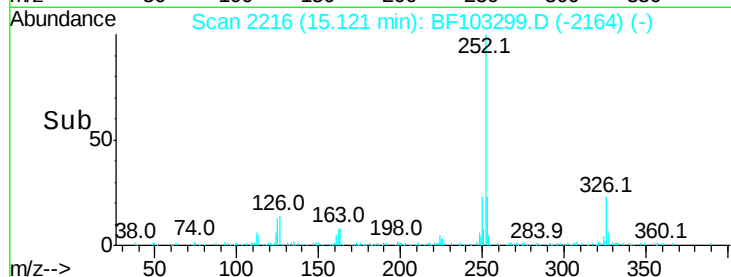
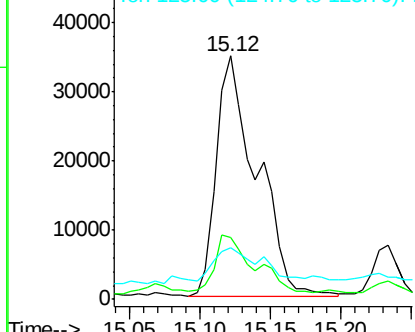
BNA_F

ClientSampleId :

Tot Ion:252	Resp:	69197
Ion Ratio	Lower	Upper
252	100	
253	25.3	17.0 25.6
125	21.3	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: 5.023 ng

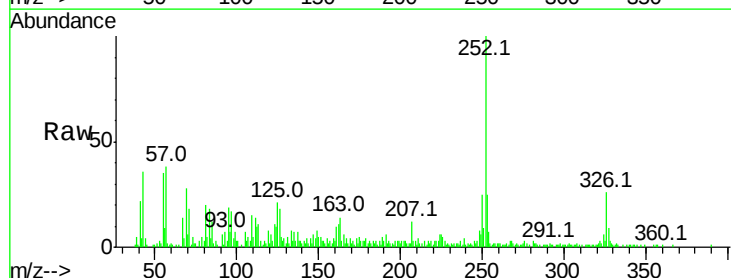
RT: 15.12 min Scan# 2216

Delta R.T. -0.03 min

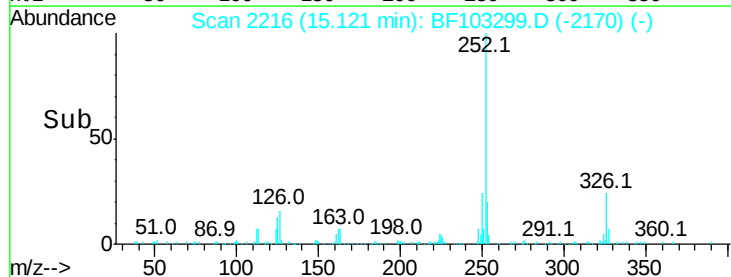
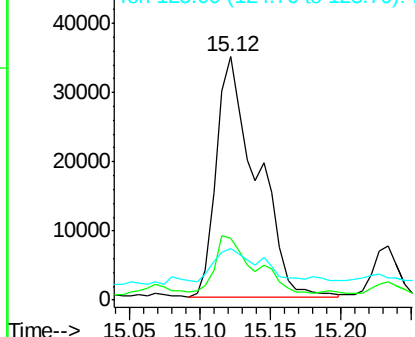
Lab File: BF103299.D

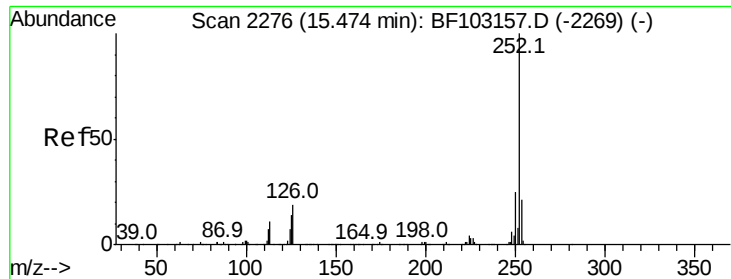
Acq: 28 Feb 2018 18:03

Tgt Ion:252	Resp:	69197
Ion Ratio	Lower	Upper
252	100	
253	25.3	17.9 26.9
125	21.3	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: 2.910 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF103299.D

Acq: 28 Feb 2018 18:03

Instrument :

BNA_F

ClientSampleId :

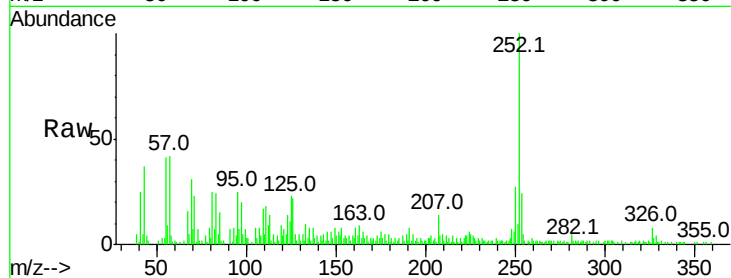
Tot Ion: 252 Resp: 38022

Ion Ratio Lower Upper

252 100

253 24.3 17.1 25.7

125 22.9 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

