

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103301.D
 Acq On : 28 Feb 2018 18:57
 Operator : SJ/JU
 Sample : J1710-04 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 00:03:19 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	153365	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	647357	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	276456	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	434818	20.00	ng	0.00
75) Chrysene-d12	14.06	240	281972	20.00	ng	0.00
86) Perylene-d12	15.56	264	262088	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	129495	12.77	ng	0.00
7) Phenol-d6	6.50	99	164355	13.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	97275	8.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	23143	9.89	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	163541	6.10	ng	0.00
78) Terphenyl-d14	12.99	244	106001	9.04	ng	0.00

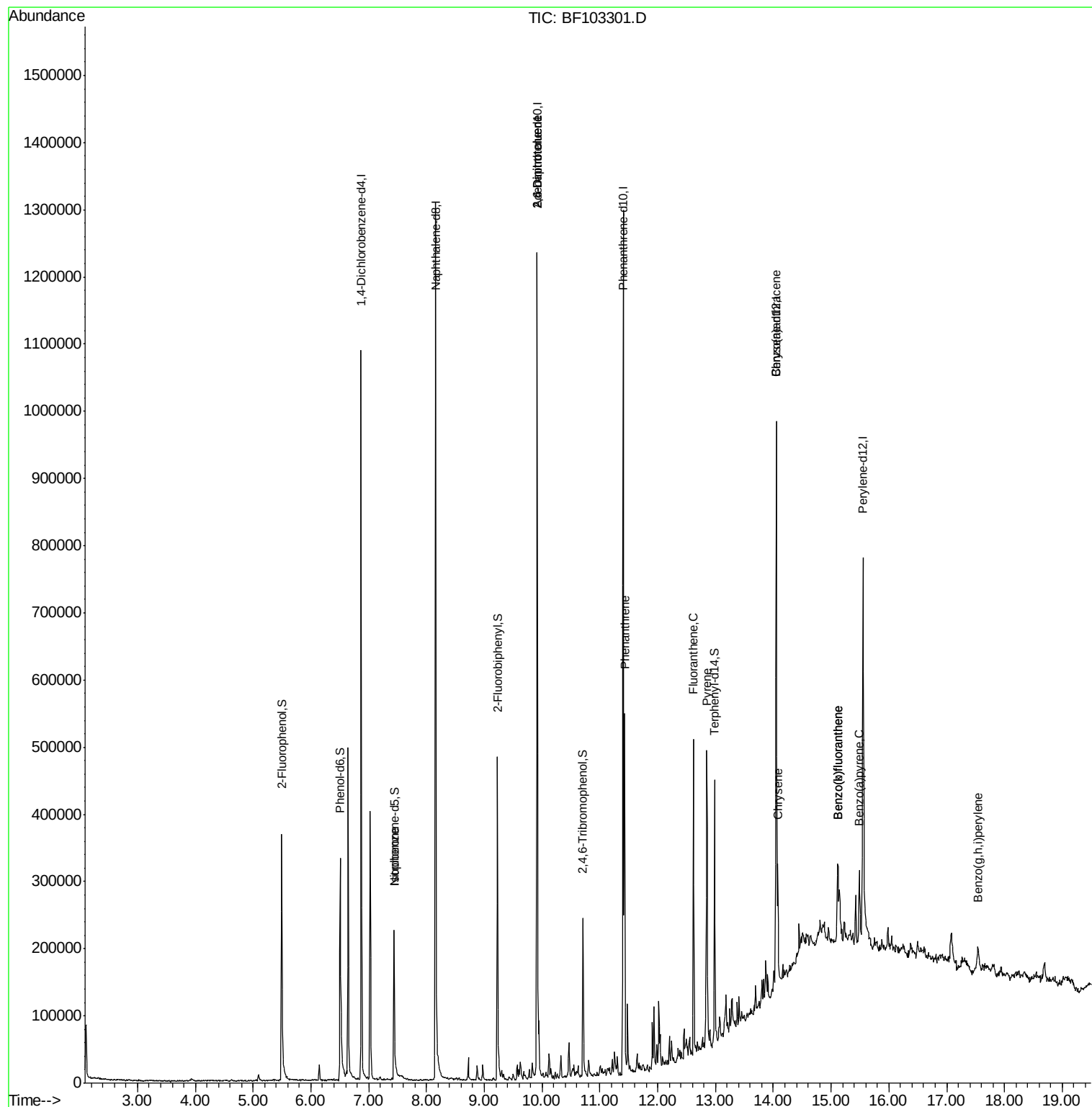
Target Compounds				Qvalue		
9) Benzaldehyde	6.40	77	113	Below Cal	#	23
25) Isophorone	7.43	82	97273	4.357	ng	# 64
50) 2,6-Dinitrotoluene	9.91	165	35990	7.733	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	35990	6.114	ng	# 23
70) Phenanthrene	11.43	178	179202	7.489	ng	98
74) Fluoranthene	12.62	202	168918	7.025	ng	98
77) Pyrene	12.85	202	174323	7.929	ng	99
80) Benzo(a)anthracene	14.04	228	60288	3.295	ng	98
82) Chrysene	14.08	228	61553	3.465	ng	98
87) Benzo(b)fluoranthene	15.12	252	85900	4.985	ng	# 90
88) Benzo(k)fluoranthene	15.12	252	85900	5.294	ng	# 93
89) Benzo(a)pyrene	15.49	252	47777	3.105	ng	# 93
91) Benzo(a,h,i)perylene	17.54	276	23892	2.056	ng	# 90

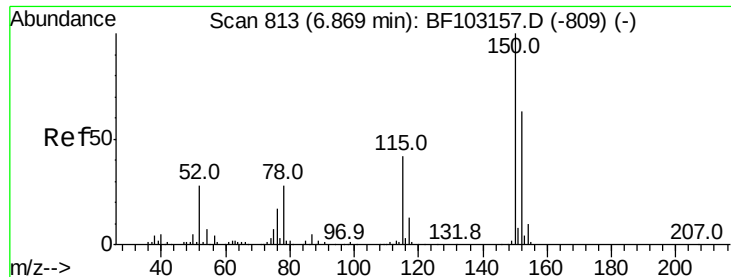
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103301.D
Acq On : 28 Feb 2018 18:57
Operator : SJ/JU
Sample : J1710-04 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 01 00:03:19 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



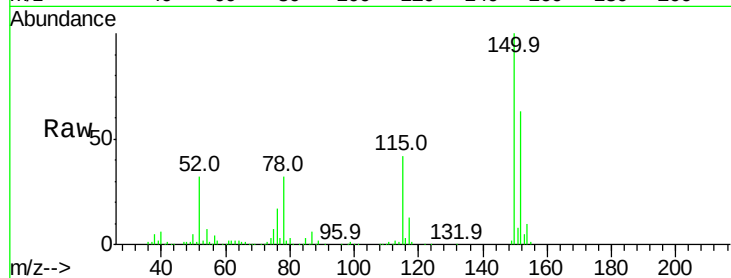


#1

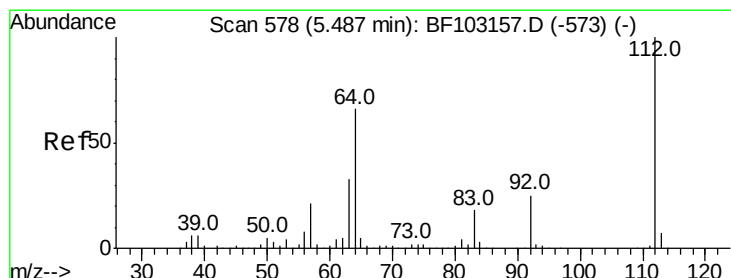
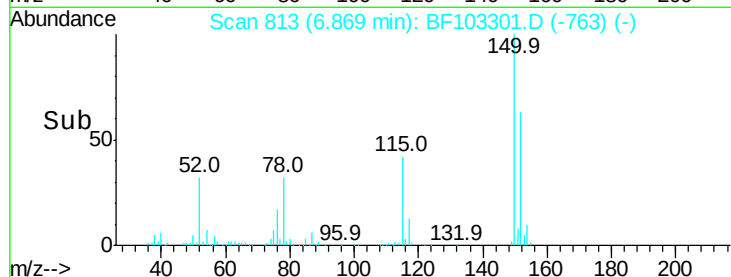
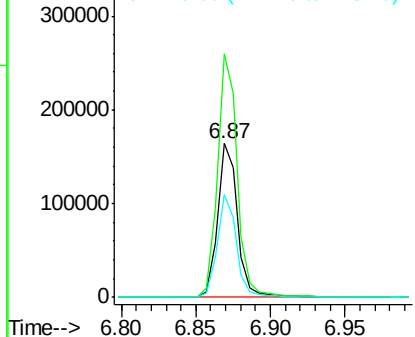
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103301.D
Acq: 28 Feb 2018 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153365
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 66.7 50.1 75.1



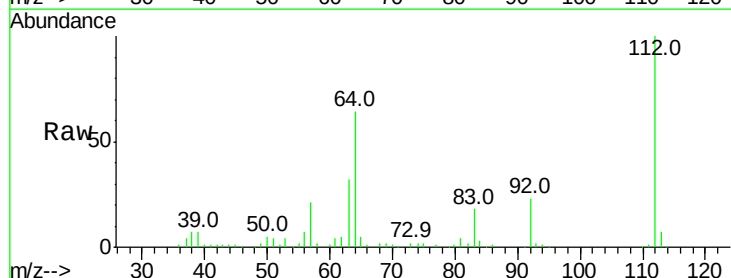
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



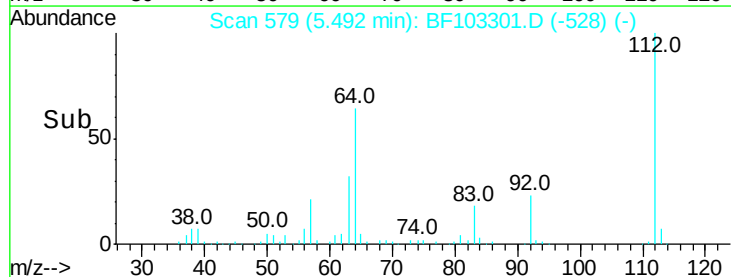
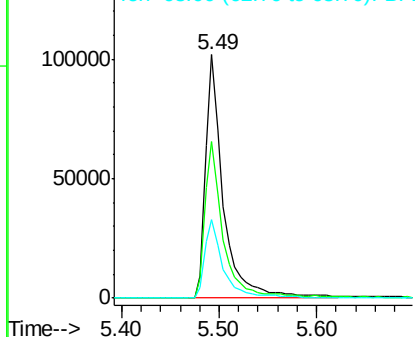
#5

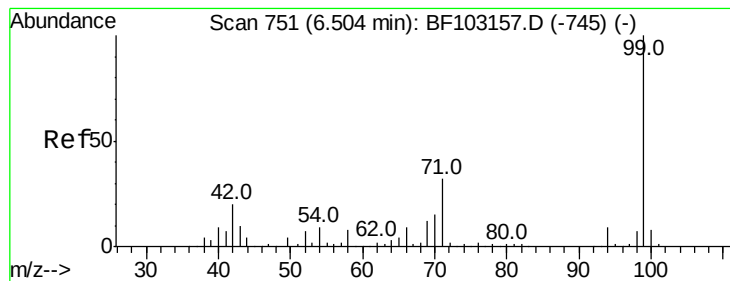
2-Fluorophenol
Concen: 12.770 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103301.D
Acq: 28 Feb 2018 18:57

Tgt Ion:112 Resp: 129495
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.4 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: 13.246 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

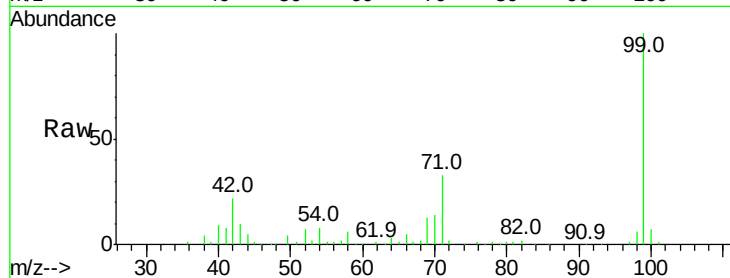
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 164355

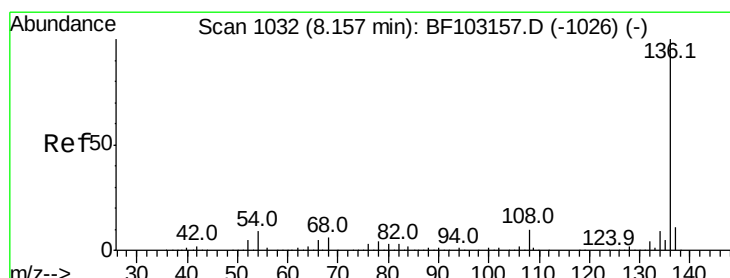
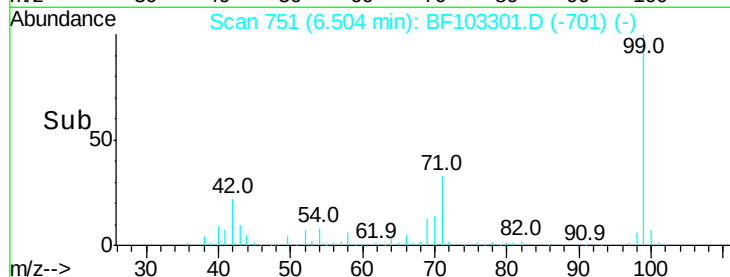
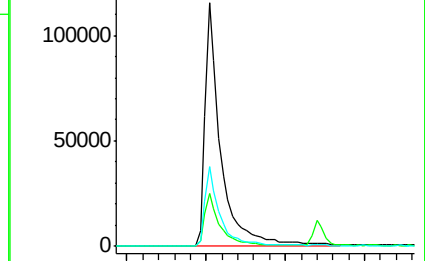
Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	32.6	25.4	38.0



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

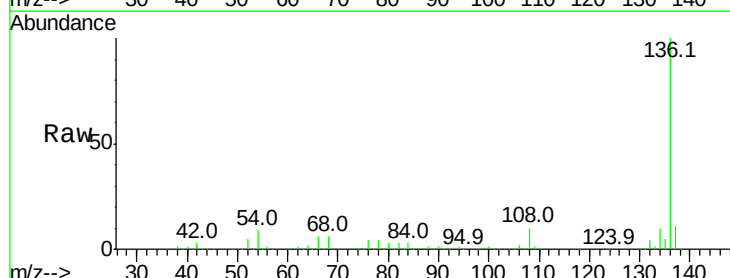
Delta R.T. -0.00 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

Tgt Ion: 136 Resp: 647357

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	6.4	5.0	7.4

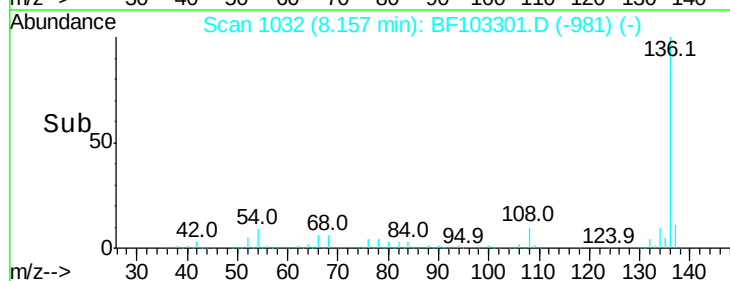
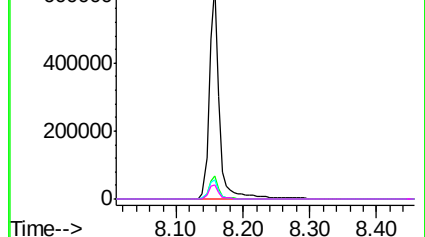


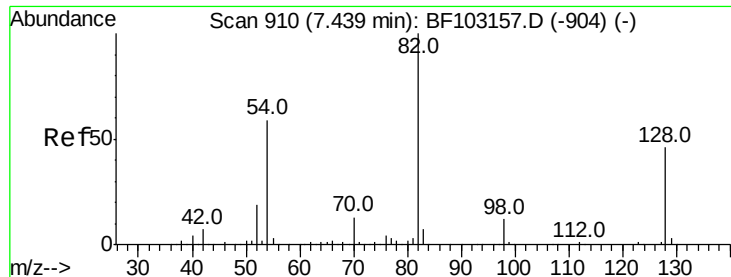
Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.581 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

Instrument :

BNA_F

ClientSampled :

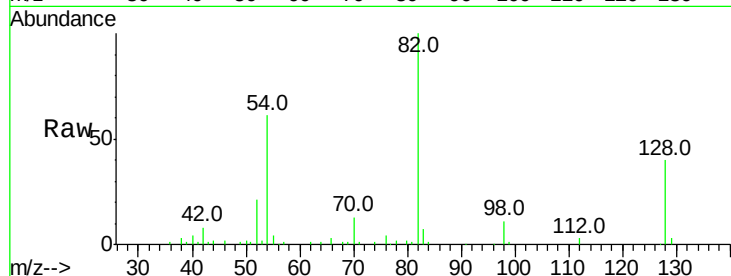
Tot Ion: 82 Resp: 97275

Ion Ratio Lower Upper

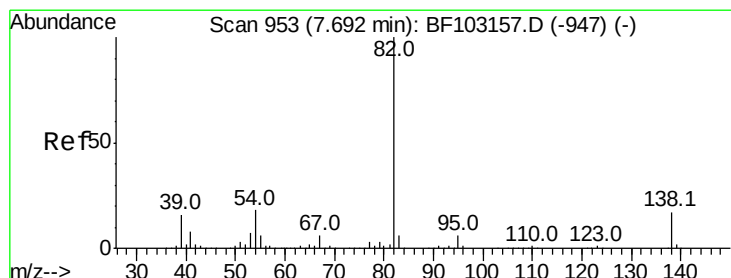
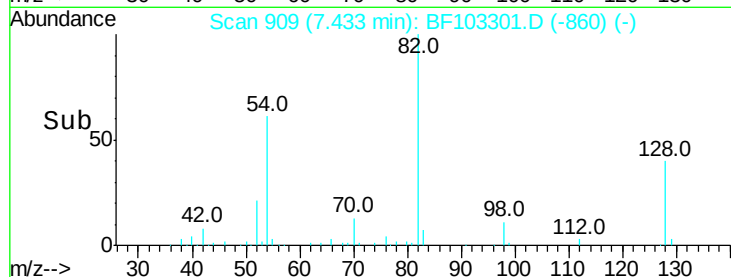
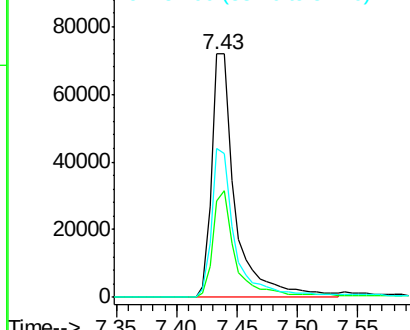
82 100

128 39.8 36.1 54.1

54 61.3 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: 4.357 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

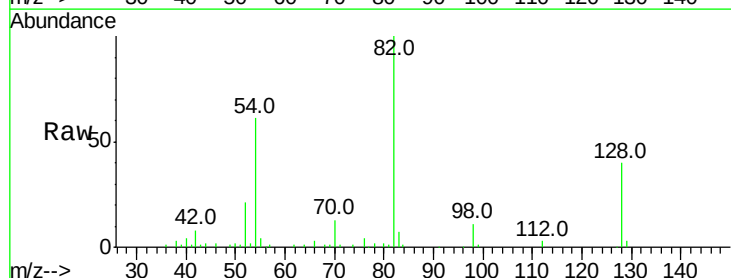
Tgt Ion: 82 Resp: 97273

Ion Ratio Lower Upper

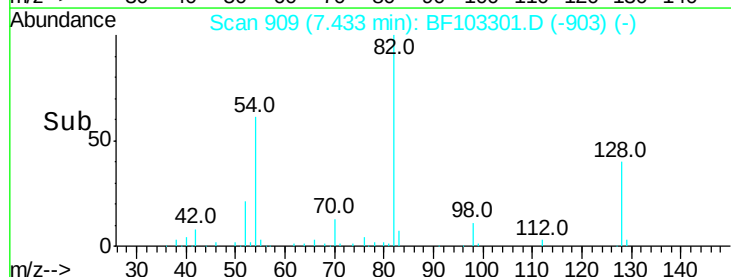
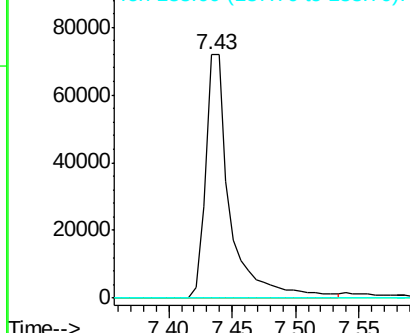
82 100

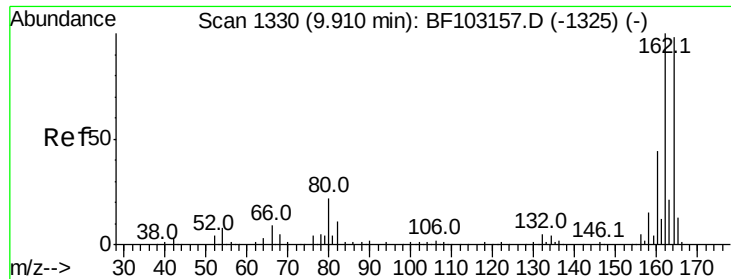
95 0.0 5.2 7.8#

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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

Instrument :

BNA_F

ClientSampleId :

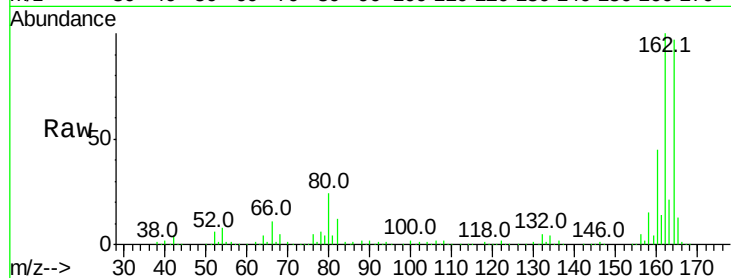
Tot Ion:164 Resp: 276456

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

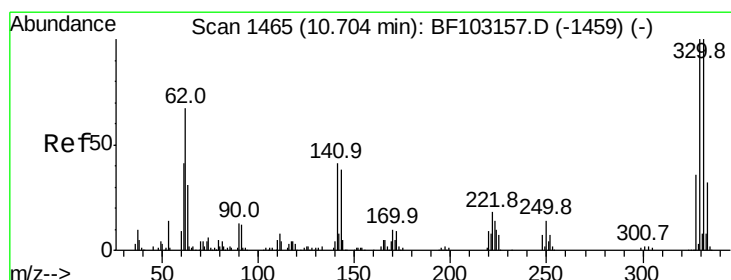
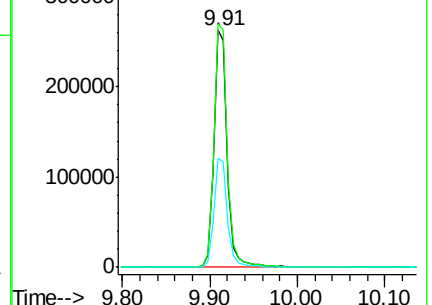
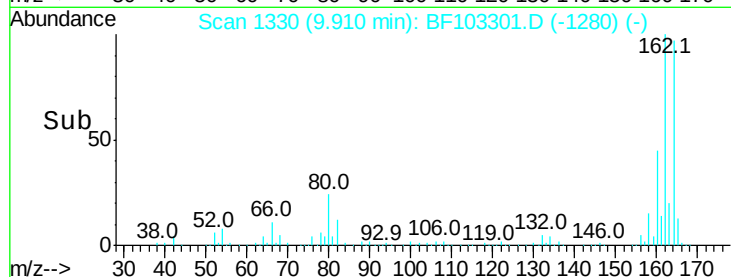
160 46.1 38.3 57.5



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: 9.890 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

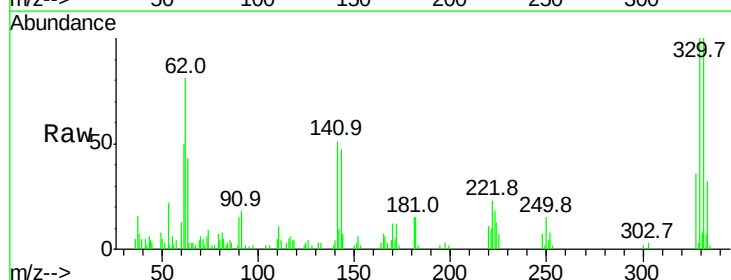
Tgt Ion:330 Resp: 23143

Ion Ratio Lower Upper

330 100

332 99.4 77.0 115.6

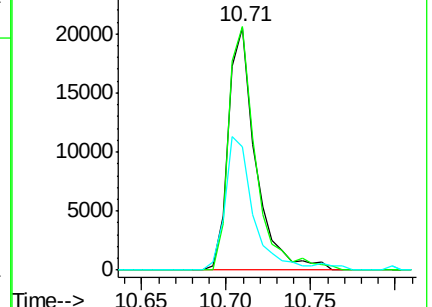
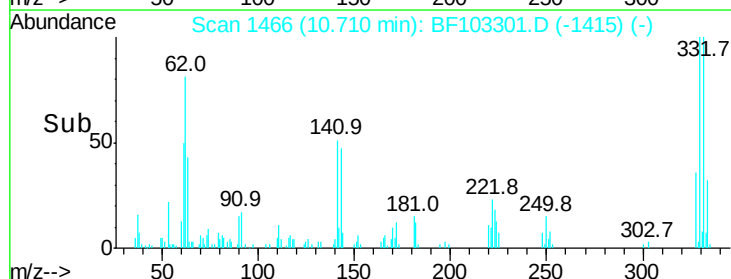
141 56.7 29.9 44.9#

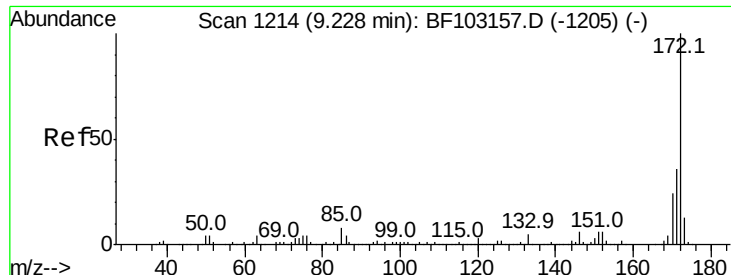


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

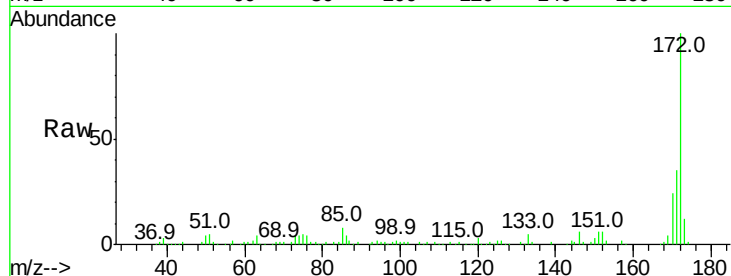




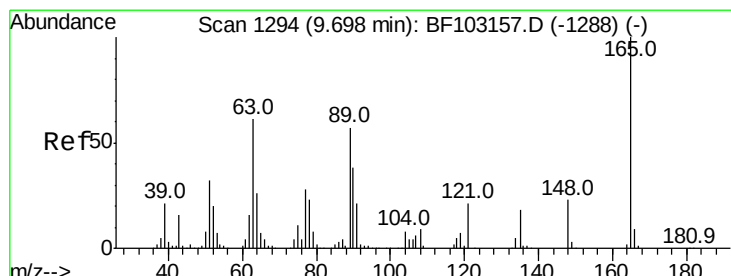
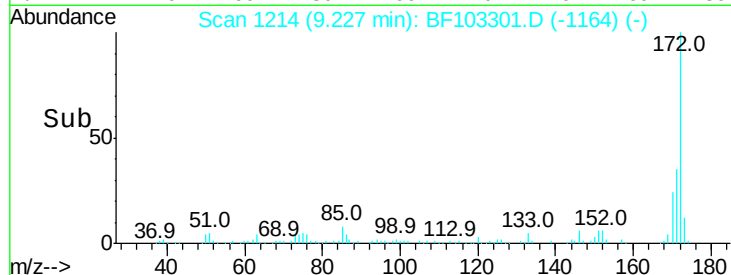
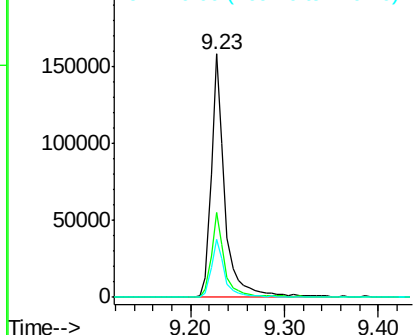
#44
 2-Fluorobiphenyl
 Concen: 6.103 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103301.D
 Acq: 28 Feb 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 163541
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 23.9 19.6 29.4

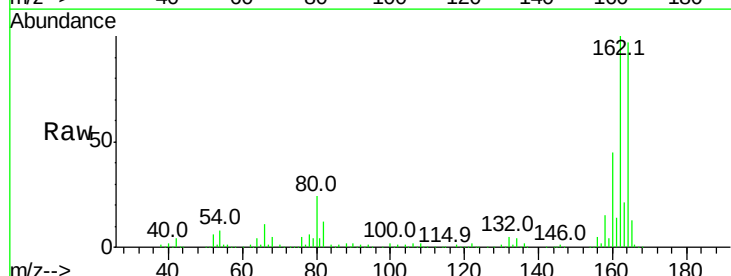


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

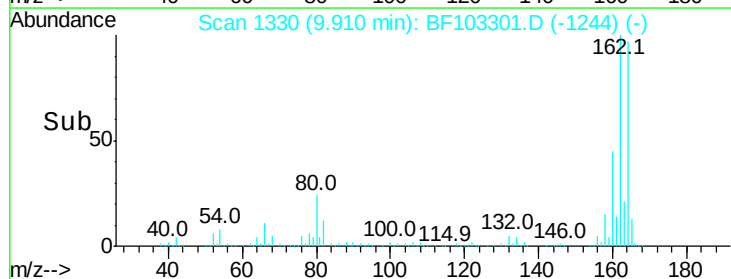
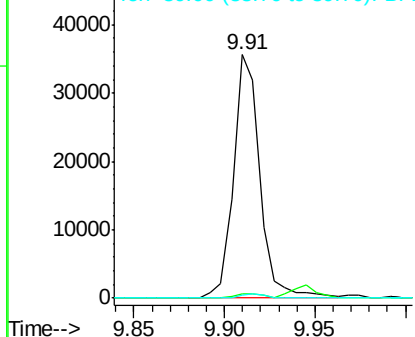


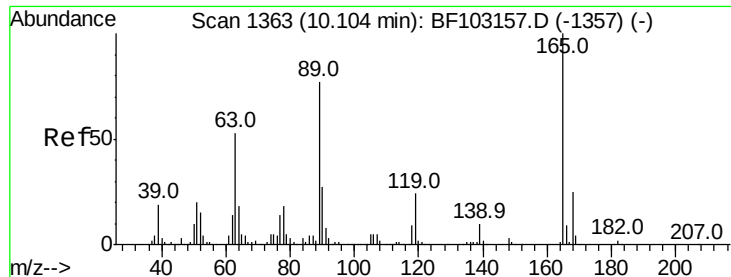
#50
 2,6-Dinitrotoluene
 Concen: 7.733 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103301.D
 Acq: 28 Feb 2018 18:57

Tgt Ion:165 Resp: 35990
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.7 67.1#
 89 1.3 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

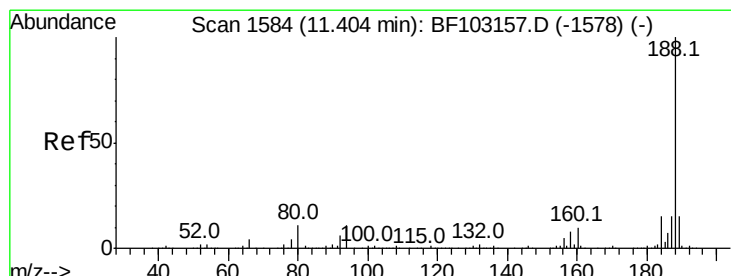
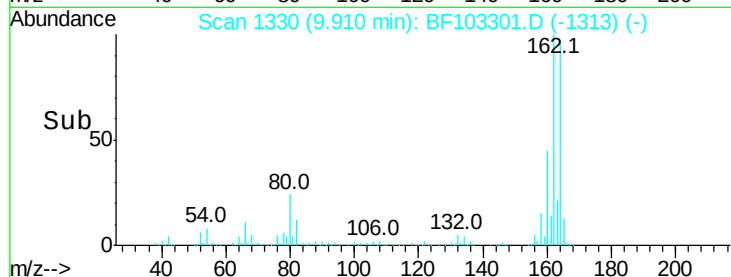
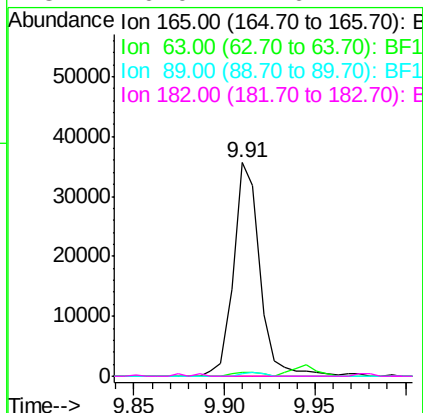
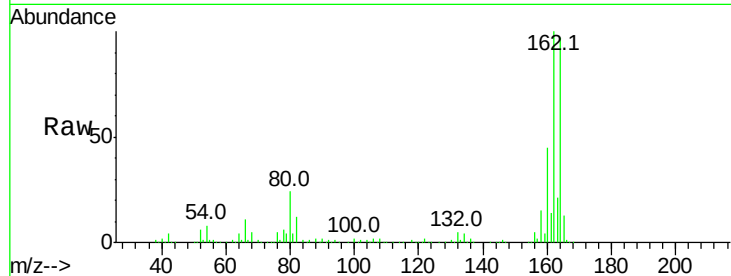




#56
 2,4-Dinitrotoluene
 Concen: 6.114 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF103301.D
 Acq: 28 Feb 2018 18:57

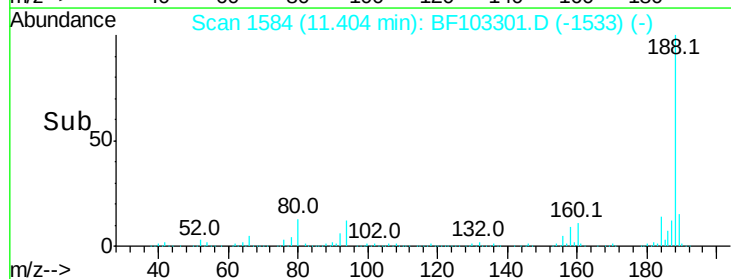
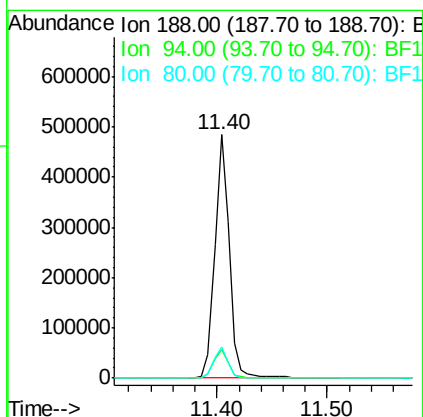
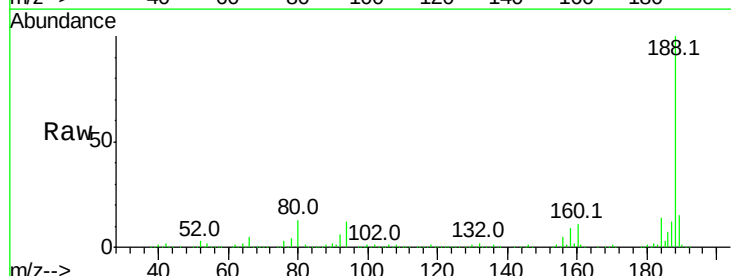
Instrument :
 BNA_F
 ClientSampled :

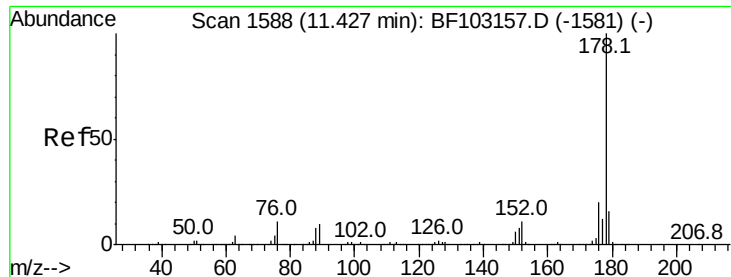
Tot Ion:165 Resp: 35990
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103301.D
 Acq: 28 Feb 2018 18:57

Tgt Ion:188 Resp: 434818
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.5 12.7
 80 12.5 9.2 13.8





#70

Phenanthrene

Concen: 7.489 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

Instrument :

BNA_F

ClientSampleId :

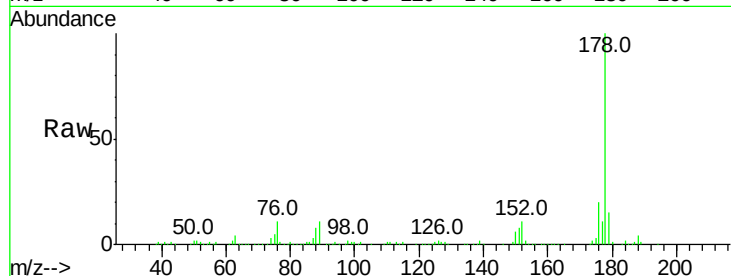
Tot Ion:178 Resp: 179202

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

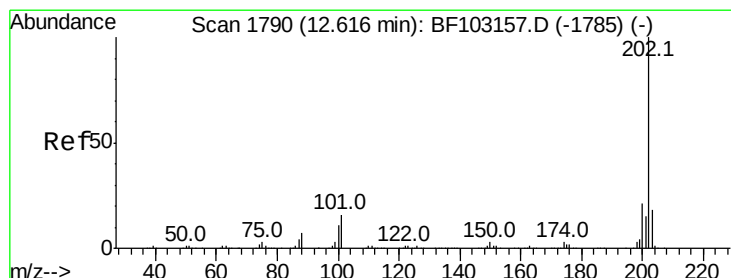
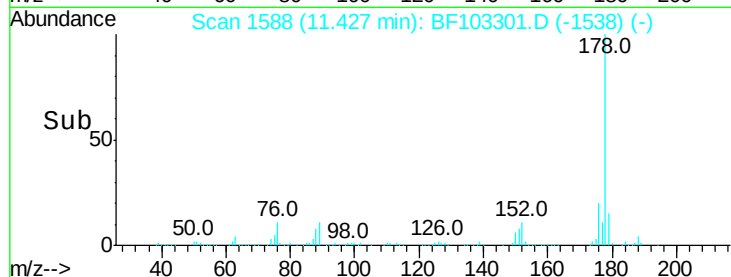
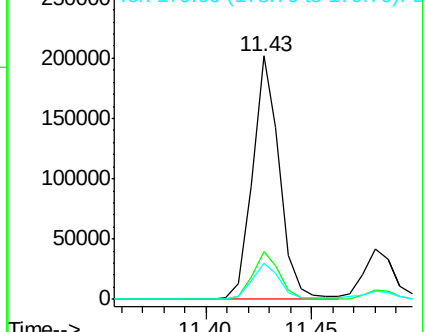
179 15.0 13.0 19.6



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



#74

Fluoranthene

Concen: 7.025 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

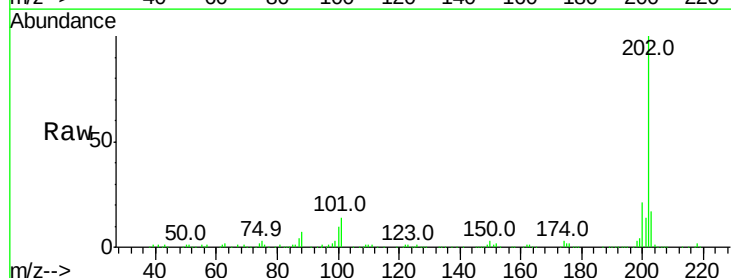
Tgt Ion:202 Resp: 168918

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

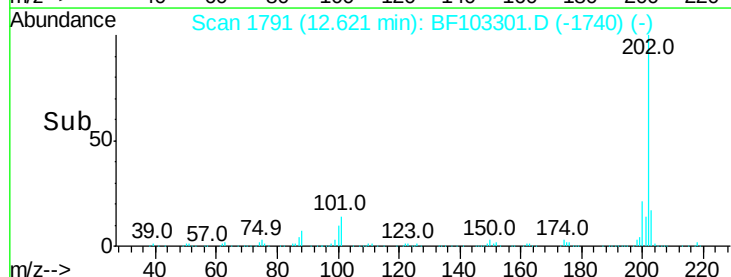
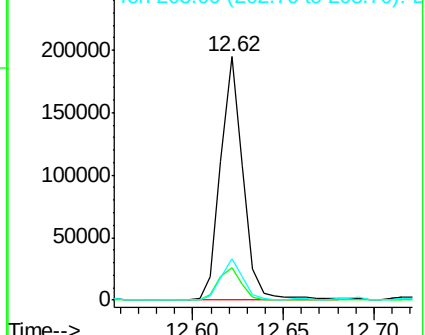
203 17.2 0.0 38.1

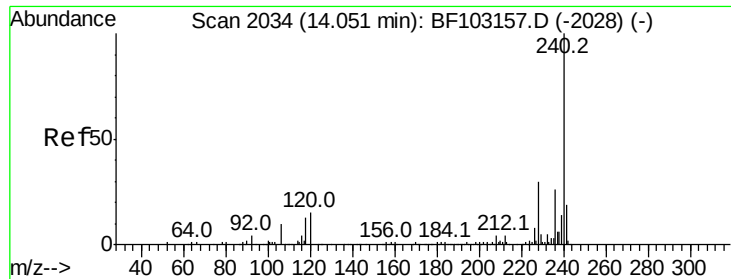


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

Instrument :

BNA_F

ClientSampleId :

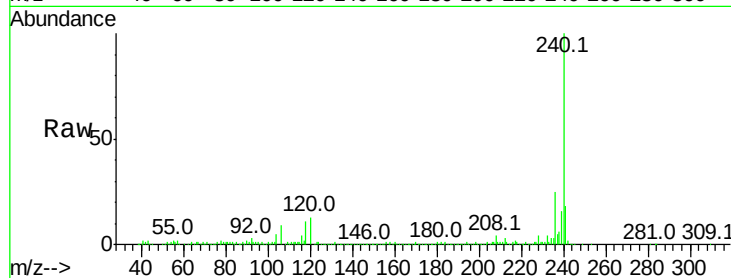
Tot Ion:240 Resp: 281972

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

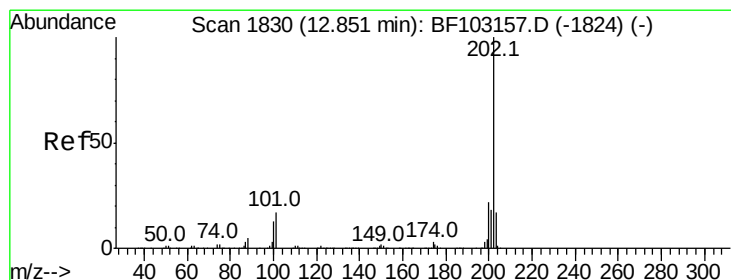
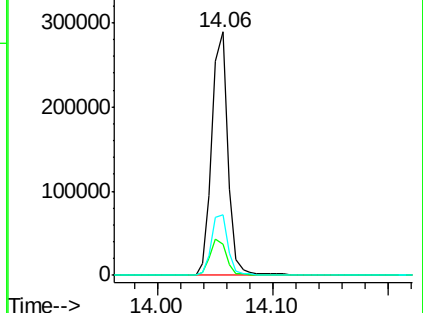
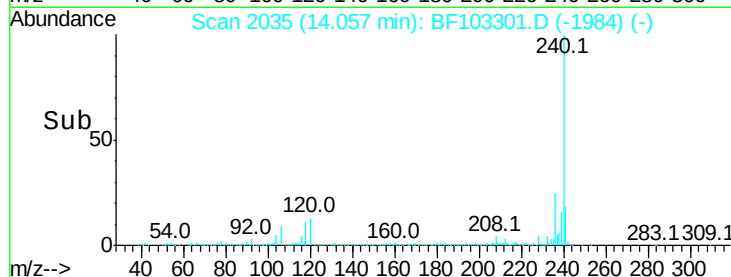
236 25.1 20.7 31.1



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: 7.929 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

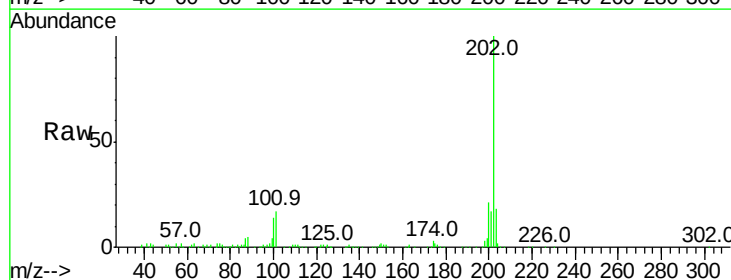
Tgt Ion:202 Resp: 174323

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

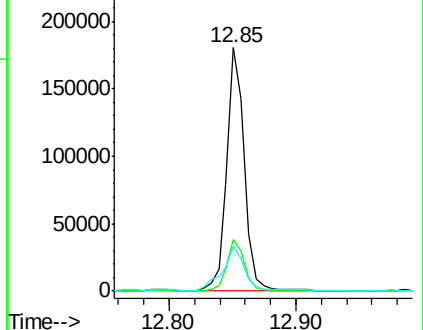
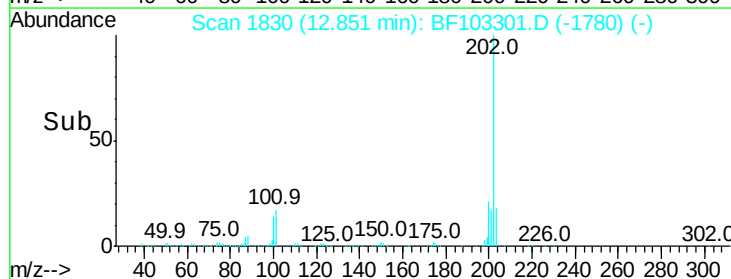
203 18.5 14.3 21.5

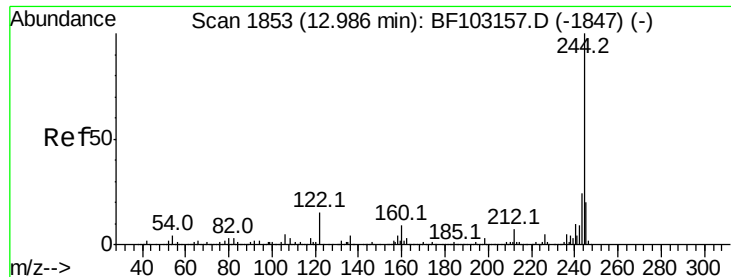


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 9.037 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

Instrument :

BNA_F

ClientSampleId :

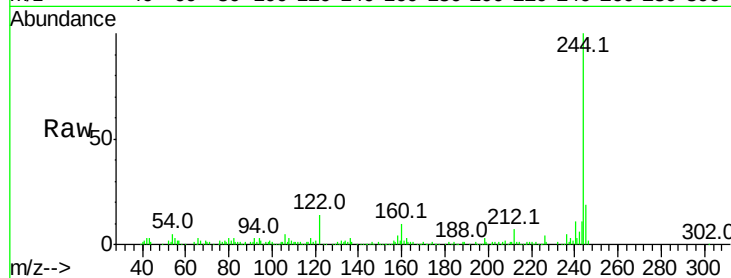
Tot Ion:244 Resp: 106001

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

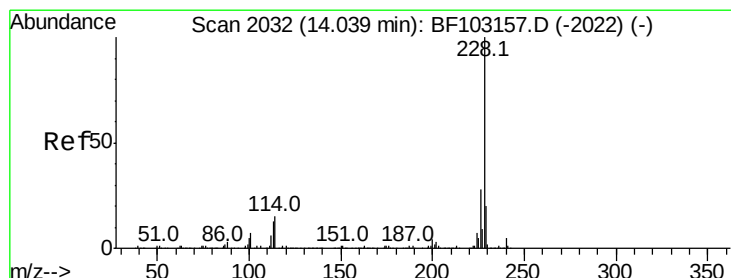
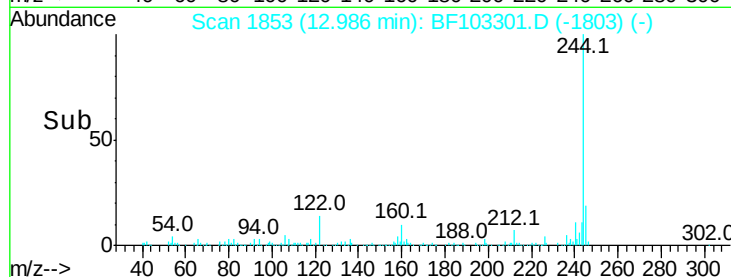
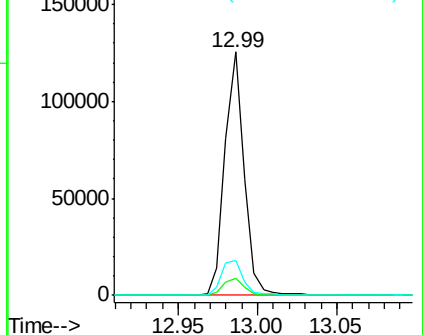
122 14.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 3.295 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

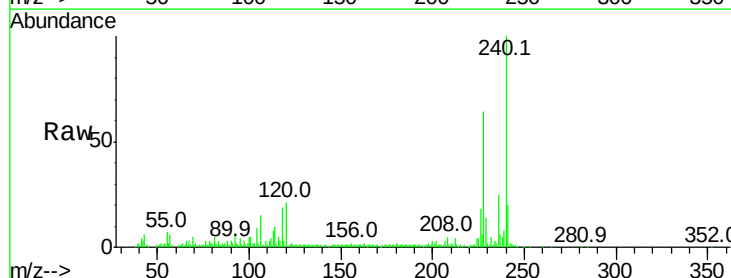
Tgt Ion:228 Resp: 60288

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

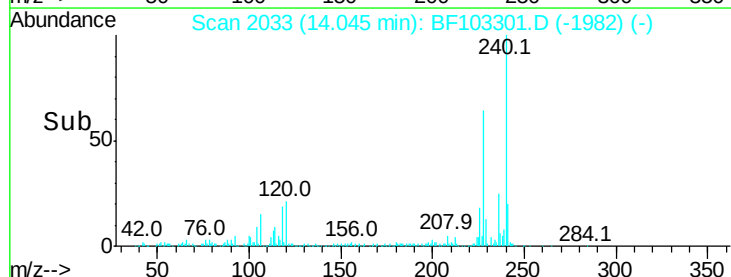
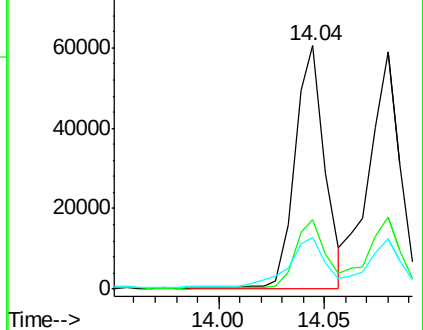
229 21.4 15.8 23.6

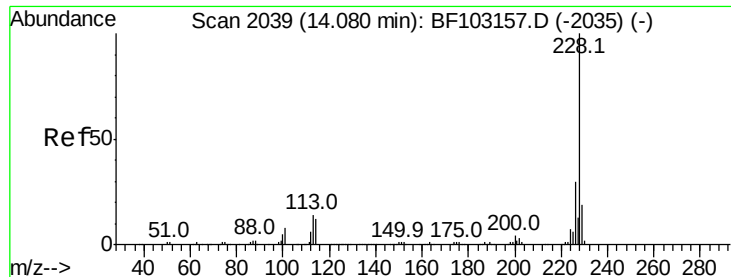


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

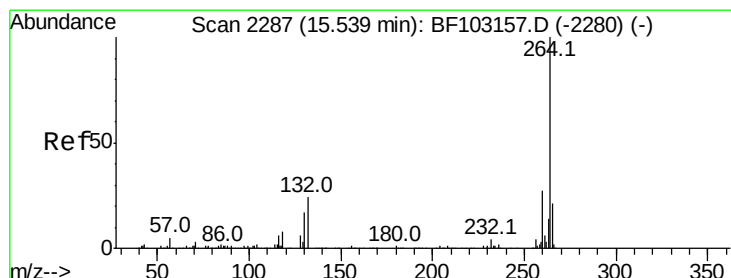
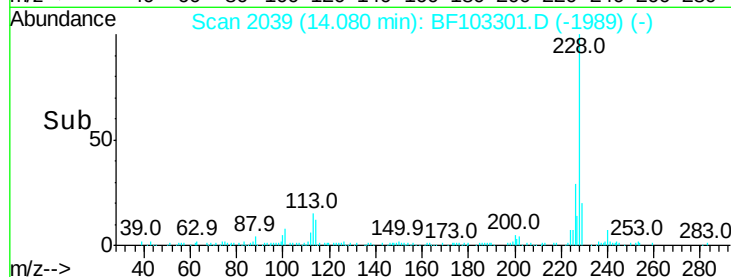
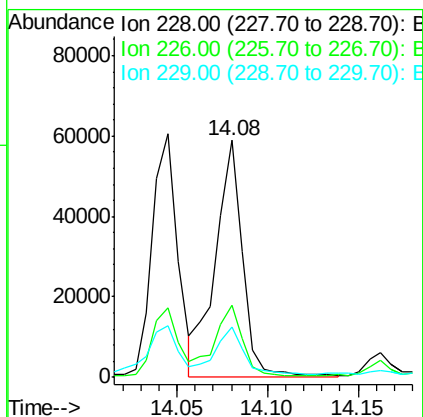
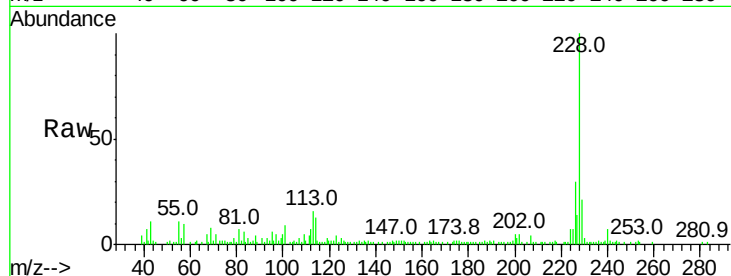




#82
Chrysene
Concen: 3.465 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103301.D
Acq: 28 Feb 2018 18:57

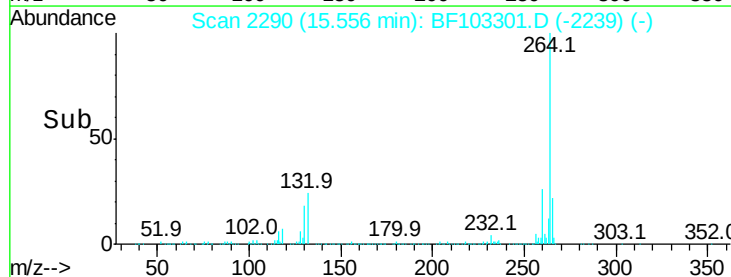
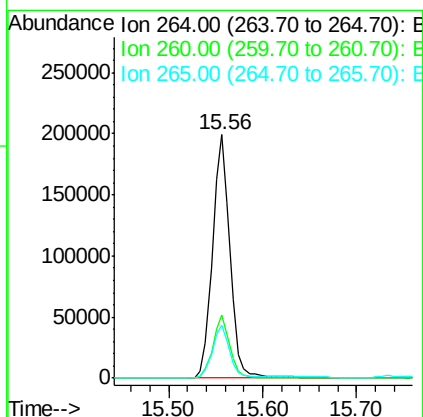
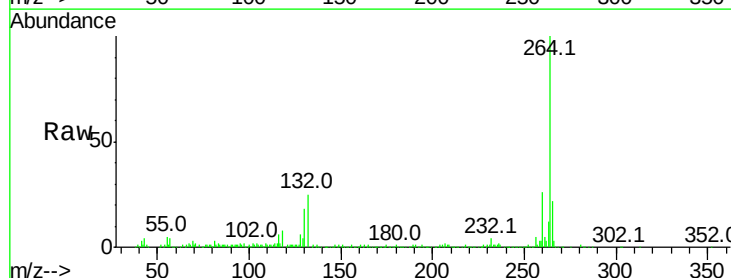
Instrument :
BNA_F
ClientSampleId :

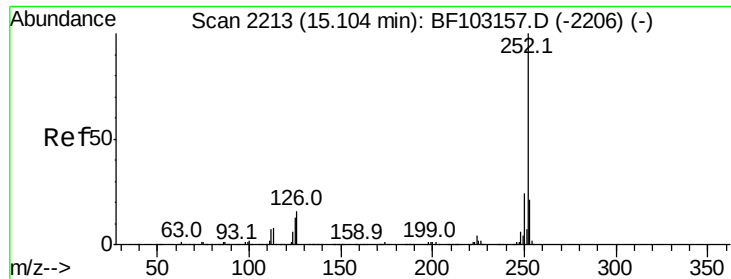
Tot Ion:228 Resp: 61553
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 21.4 16.2 24.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103301.D
Acq: 28 Feb 2018 18:57

Tgt Ion:264 Resp: 262088
Ion Ratio Lower Upper
264 100
260 25.8 19.2 28.8
265 21.7 17.5 26.3

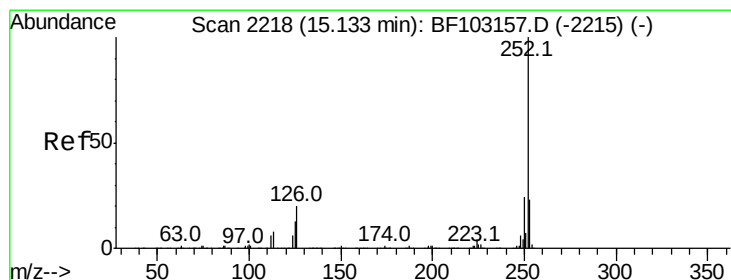
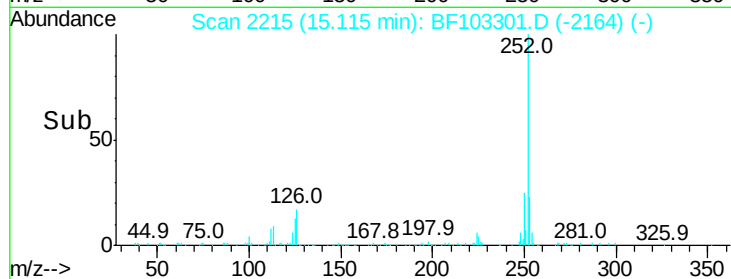
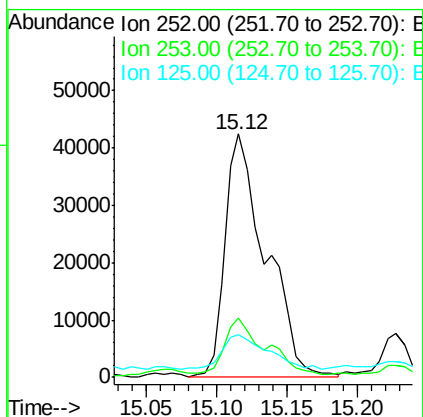
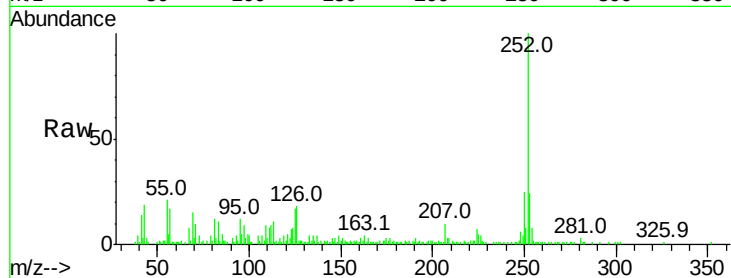




#87
Benzo(b)fluoranthene
Concen: 4.985 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF103301.D
Acq: 28 Feb 2018 18:57

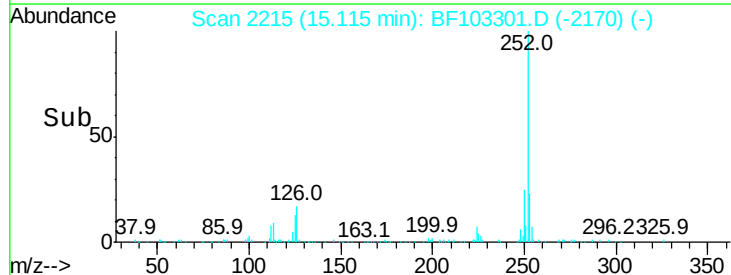
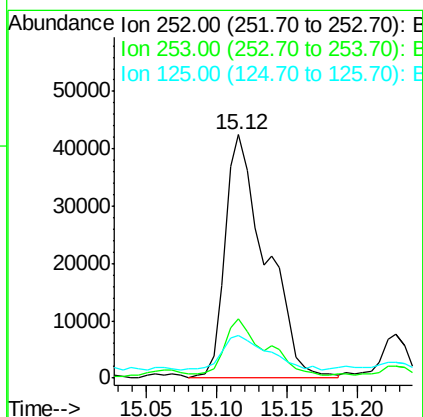
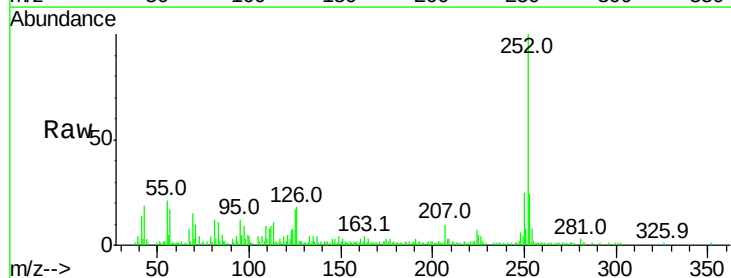
Instrument :
BNA_F
ClientSampleId :

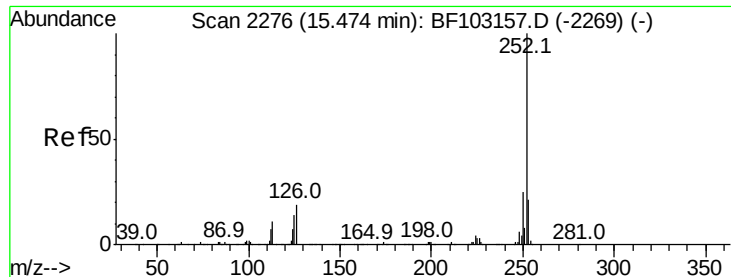
Tot Ion:252 Resp: 85900
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 17.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 5.294 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF103301.D
Acq: 28 Feb 2018 18:57

Tgt Ion:252 Resp: 85900
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 17.4 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 3.105 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

Instrument :

BNA_F

ClientSampleId :

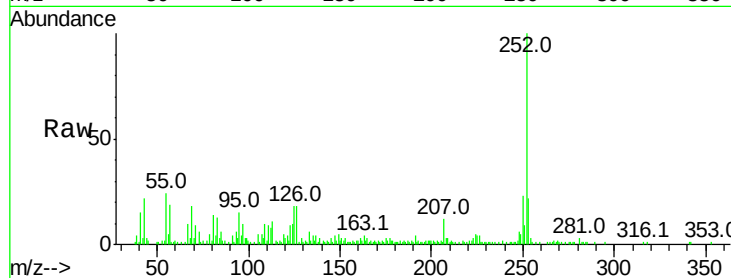
Tot Ion:252 Resp: 47777

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 18.4 9.8 14.6#



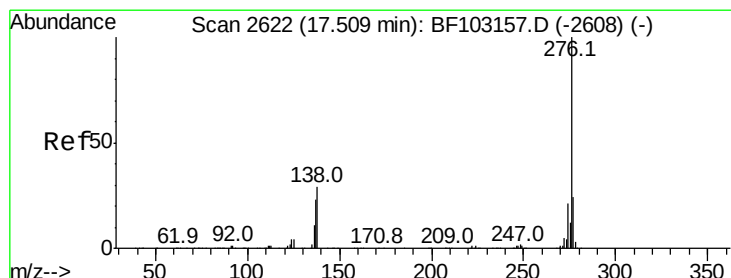
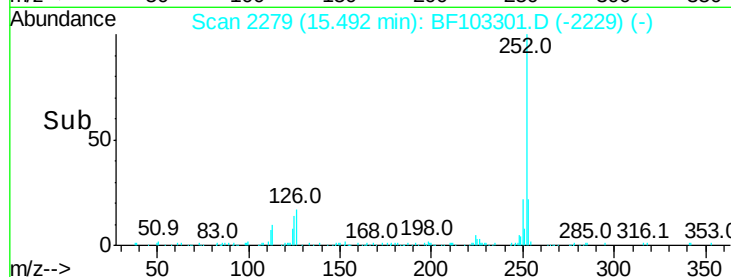
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->

15.49



#91

Benzo(g,h,i)perylene

Concen: 2.056 ng

RT: 17.54 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BF103301.D

Acq: 28 Feb 2018 18:57

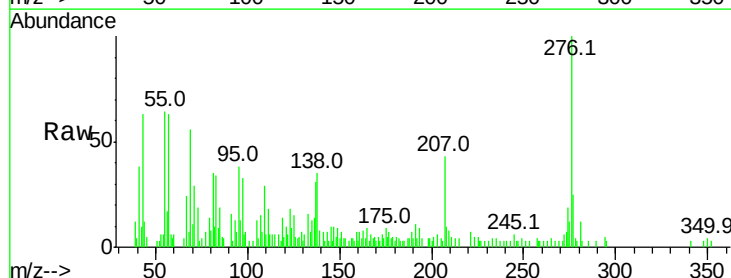
Tgt Ion:276 Resp: 23892

Ion Ratio Lower Upper

276 100

277 24.7 17.9 26.9

138 34.5 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

Time-->

17.54

