

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022718\
 Data File : BF103266.D
 Acq On : 27 Feb 2018 16:42
 Operator : SJ/JU
 Sample : J1400-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-022618-C

Quant Time: Feb 27 17:39:41 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	143075	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	576207	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	226338	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	328030	20.00	ng	0.00
75) Chrysene-d12	14.06	240	232645	20.00	ng	0.00
86) Perylene-d12	15.56	264	170672	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	969925	102.53	ng	0.00
7) Phenol-d6	6.51	99	1150395	99.38	ng	0.00
23) Nitrobenzene-d5	7.44	82	717027	71.07	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	171525	89.53	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	956814	69.74	ng	0.00
78) Terphenyl-d14	12.99	244	647659	66.92	ng	0.00

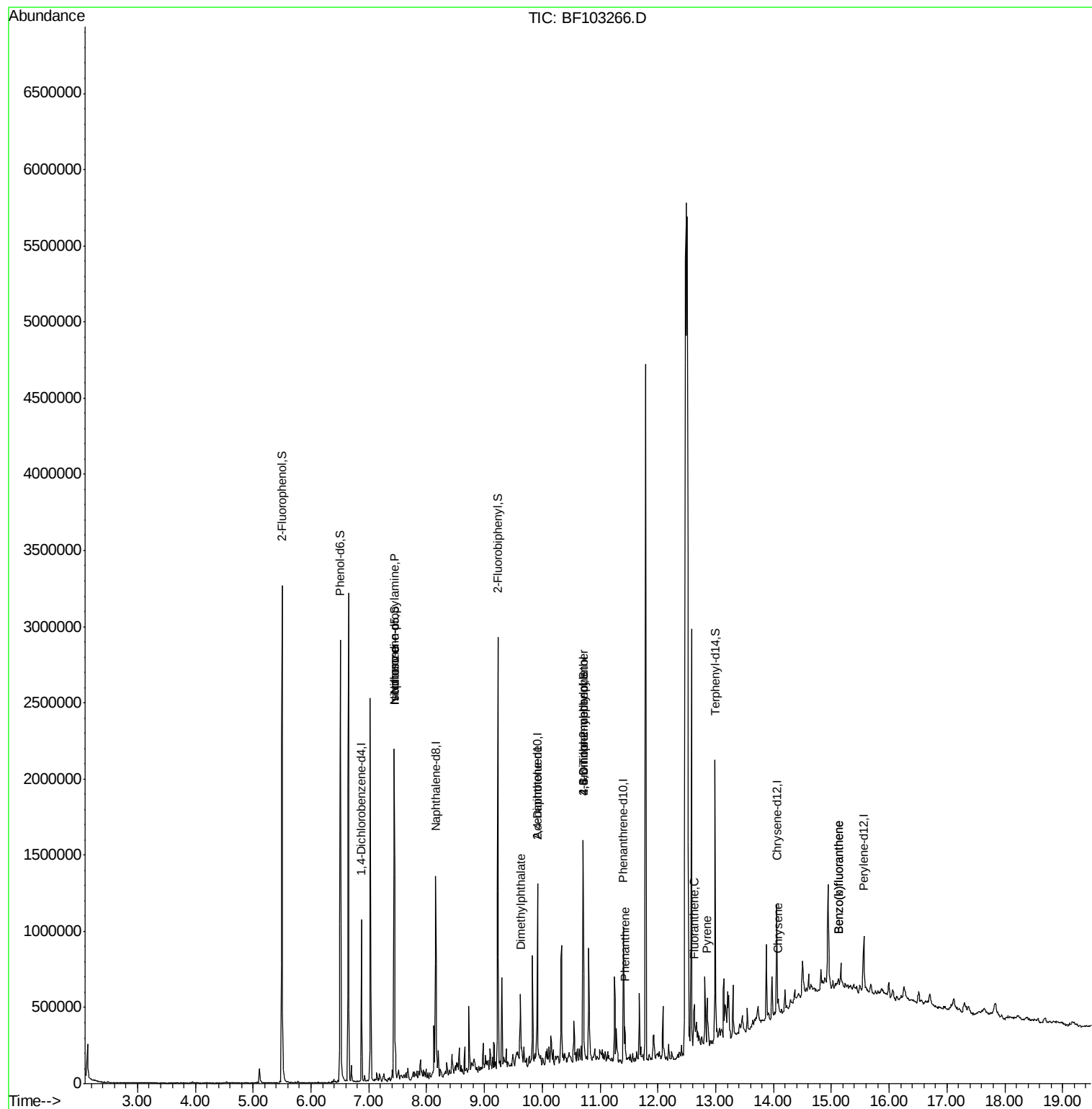
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.39	77	739	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.44	70	96611	13.410	ng	# 80
25) Isophorone	7.44	82	716359	36.049	ng	# 64
49) Dimethylphthalate	9.62	163	90473	4.983	ng	# 99
56) 2,4-Dinitrotoluene	9.92	165	31360	6.507	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	475	5.159	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	11383	3.331	ng	# 1
70) Phenanthrene	11.43	178	64041	3.547	ng	# 98
74) Fluoranthene	12.63	202	74317	4.097	ng	# 97
77) Pyrene	12.86	202	71156	3.923	ng	# 99
82) Chrysene	14.08	228	29582	2.018	ng	# 92
87) Benzo(b)fluoranthene	15.12	252	35226	3.139	ng	# 52
88) Benzo(k)fluoranthene	15.12	252	35226	3.334	ng	# 55

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103266.D
Acq On : 27 Feb 2018 16:42
Operator : SJ/JU
Sample : J1400-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

Quant Time: Feb 27 17:39:41 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



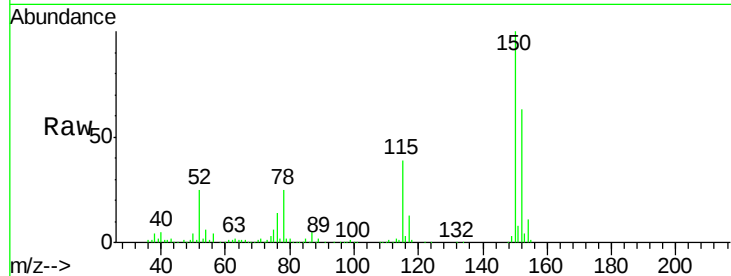


#1

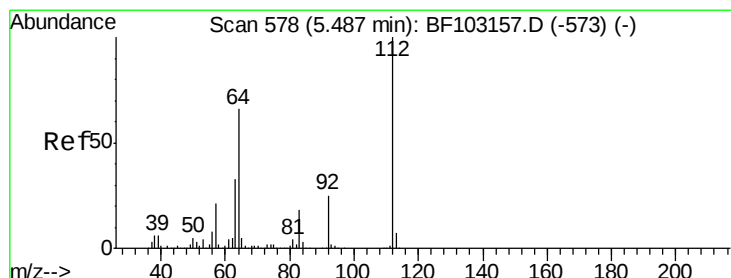
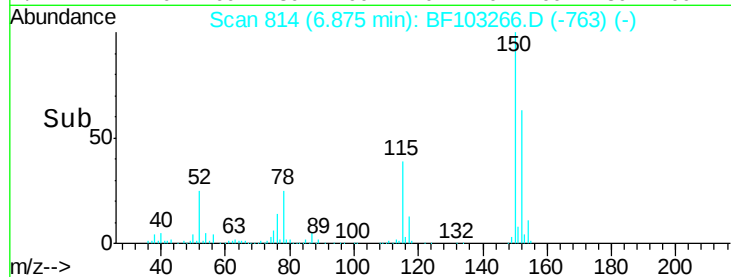
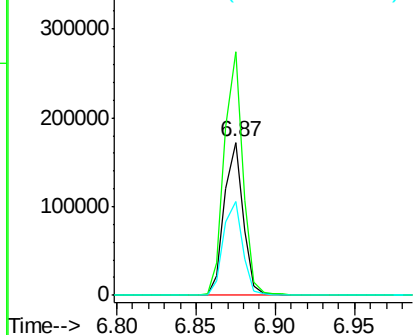
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

Tgt Ion:152 Resp: 143075
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.2 50.1 75.1



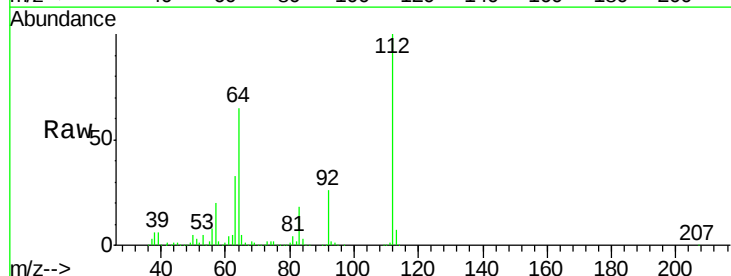
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



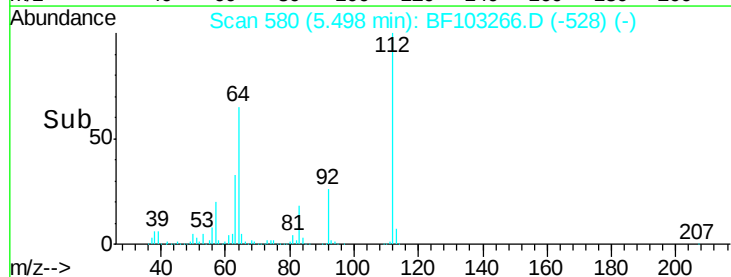
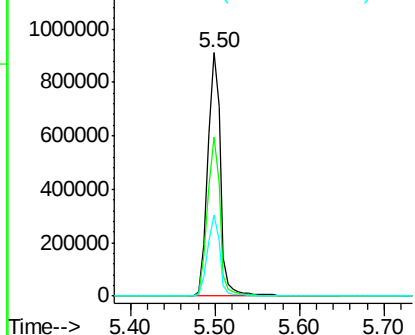
#5

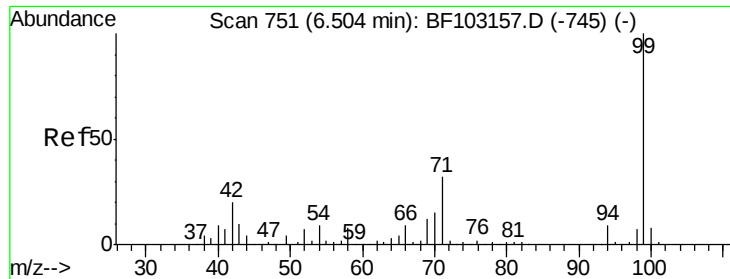
2-Fluorophenol
Concen: 102.530 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Tgt Ion:112 Resp: 969925
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 33.4 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: 99.380 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

EO-02-022618-C

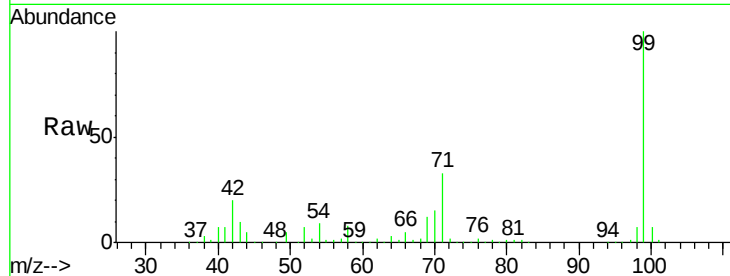
Tgt Ion: 99 Resp: 1150395

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

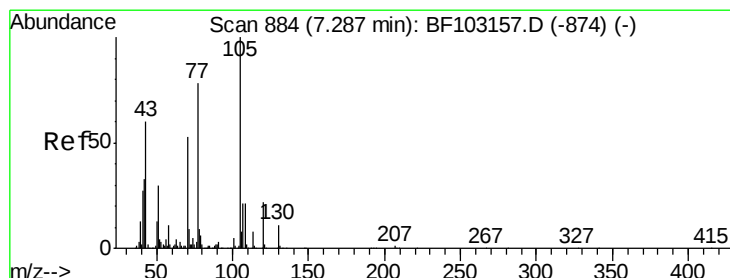
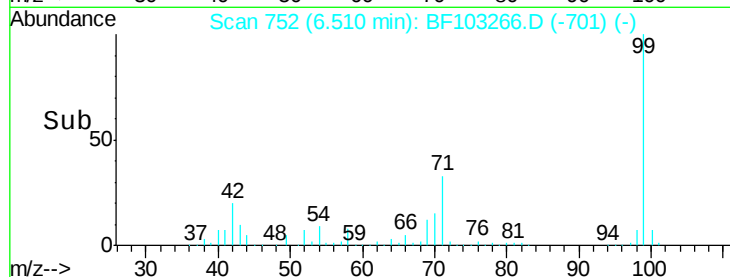
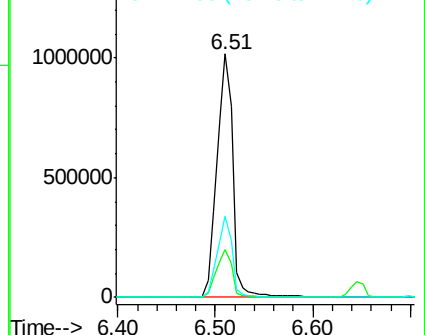
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.410 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Tgt Ion: 70 Resp: 96611

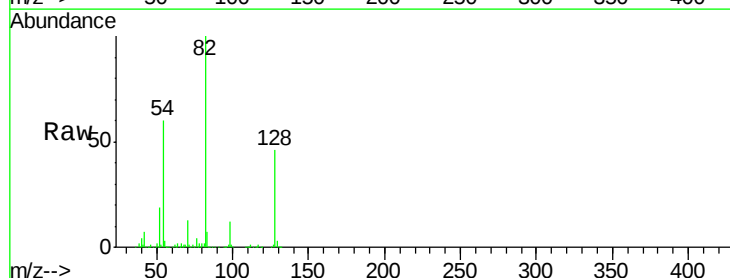
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

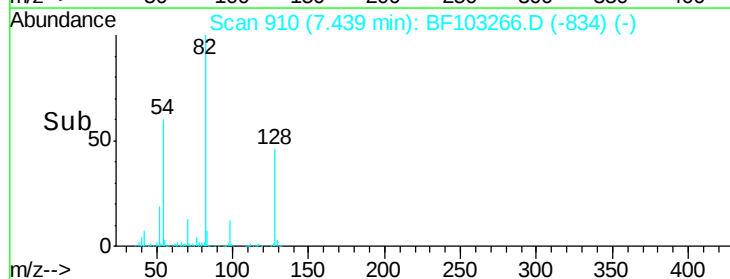
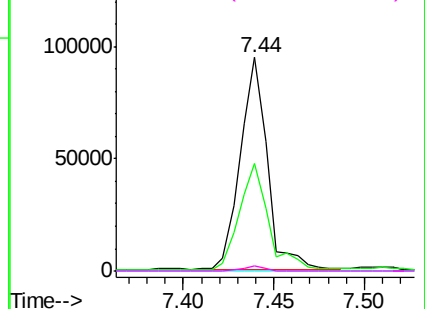


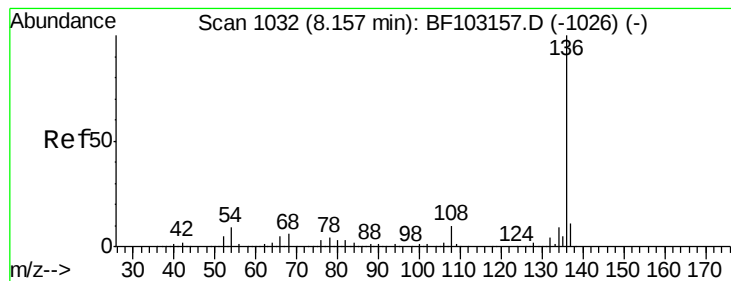
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

EO-02-022618-C

Tgt Ion: 136 Resp: 576207

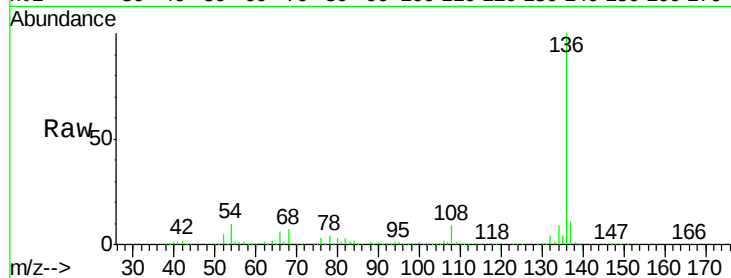
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.5 6.6 9.8

68 6.8 5.0 7.4

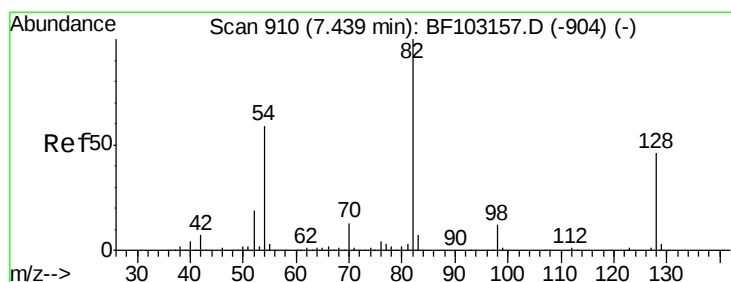
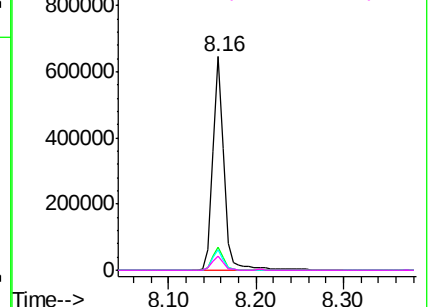
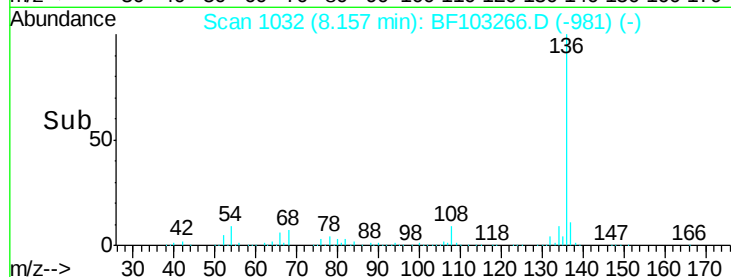


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.065 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

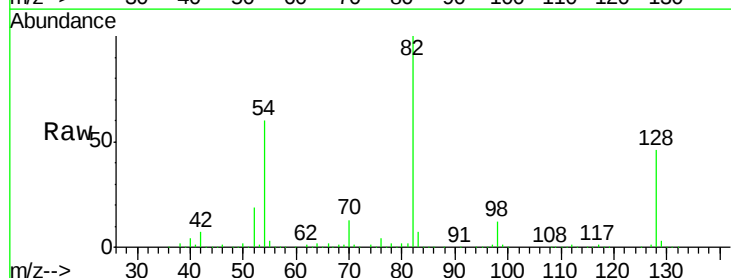
Tgt Ion: 82 Resp: 717027

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

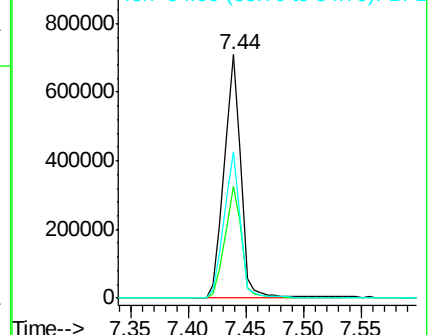
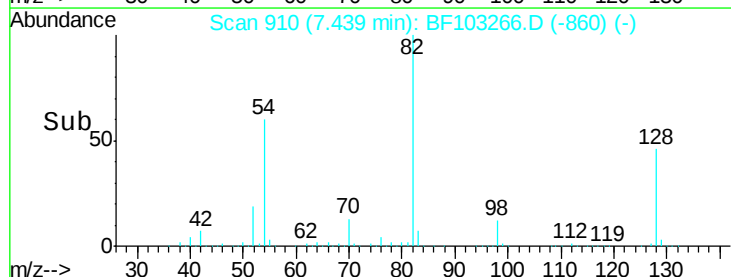
54 59.9 41.4 62.2

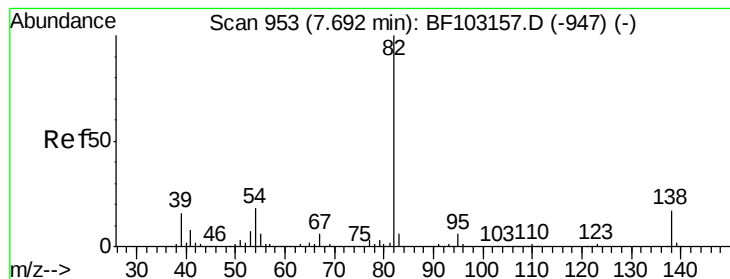


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.049 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

EO-02-022618-C

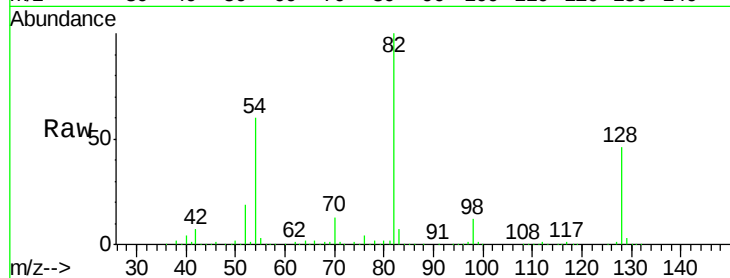
Tgt Ion: 82 Resp: 716359

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

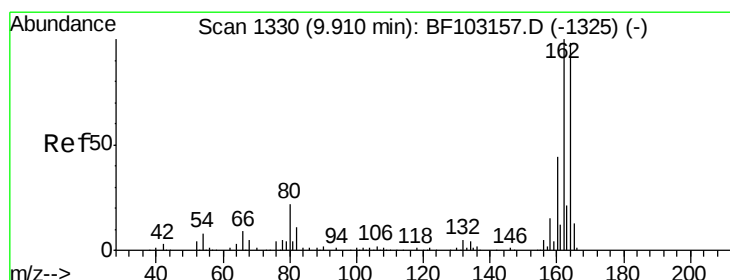
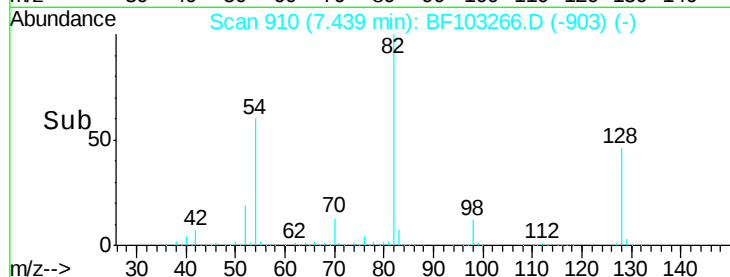
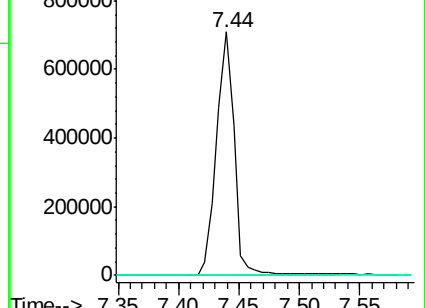
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

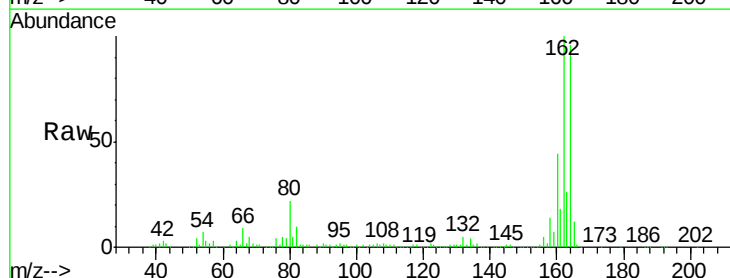
Tgt Ion: 164 Resp: 226338

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

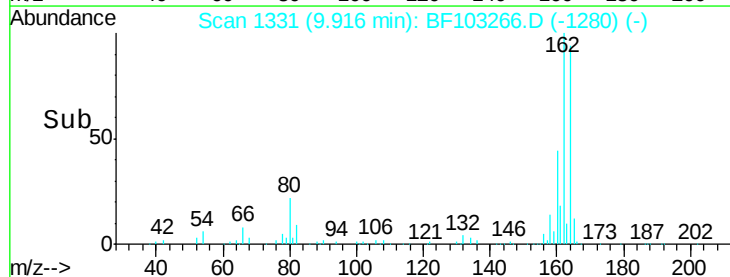
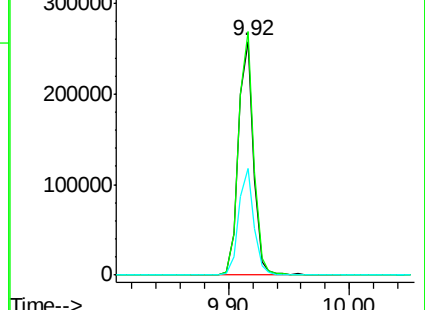
160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

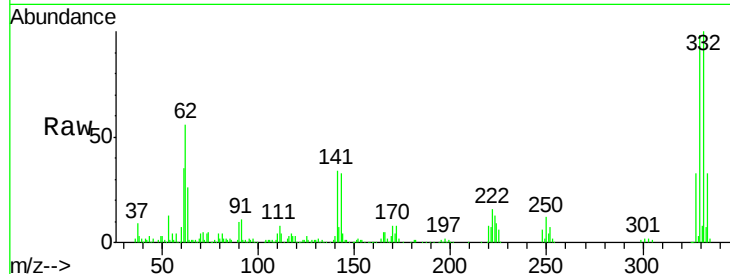




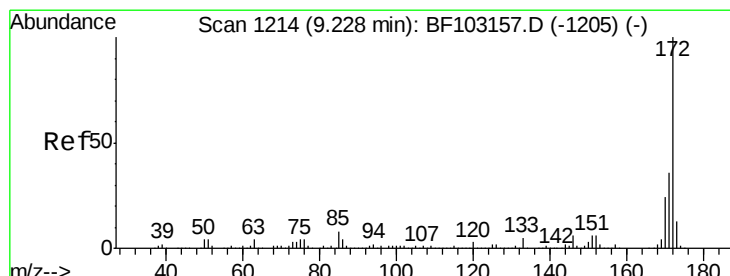
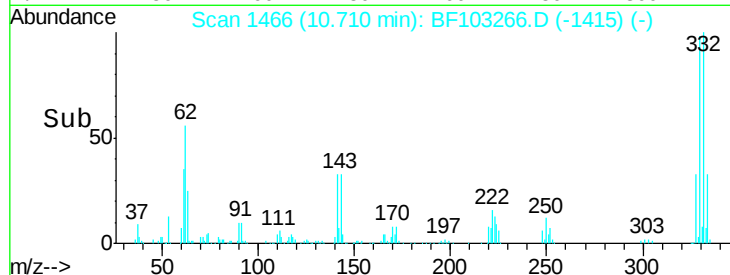
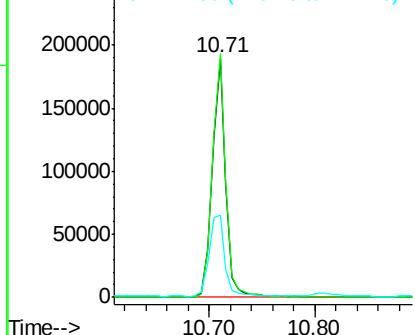
#41
 2,4,6-Tribromophenol
 Concen: 89.531 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103266.D
 Acq: 27 Feb 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-022618-C

Tgt Ion:330 Resp: 171525
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 39.0 29.9 44.9

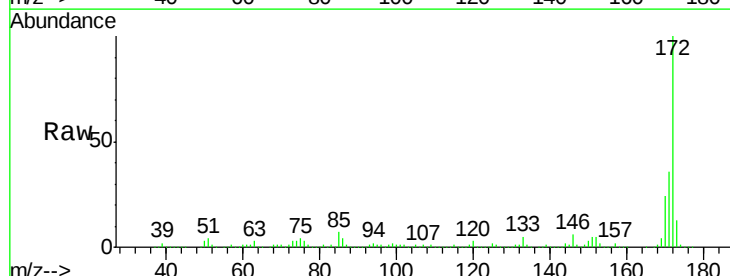


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

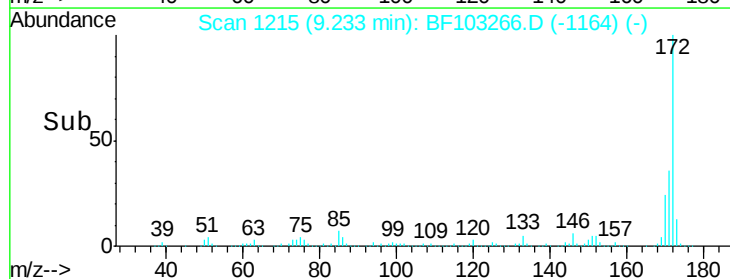
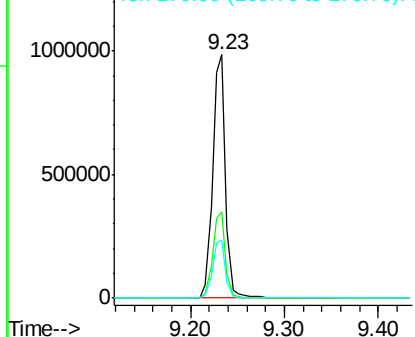


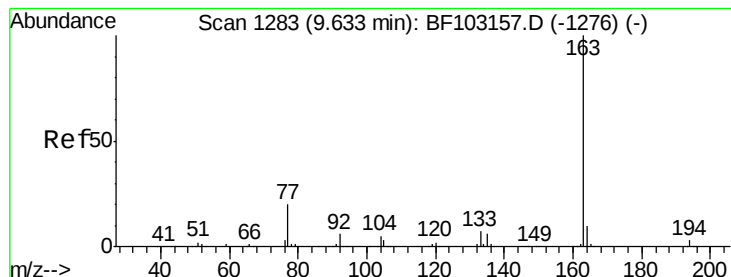
#44
 2-Fluorobiphenyl
 Concen: 69.741 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103266.D
 Acq: 27 Feb 2018 16:42

Tgt Ion:172 Resp: 956814
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.0 19.6 29.4



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





#49

Dimethylphthalate

Concen: 4.983 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

EO-02-022618-C

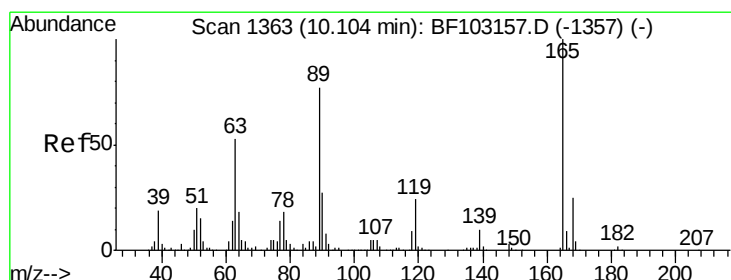
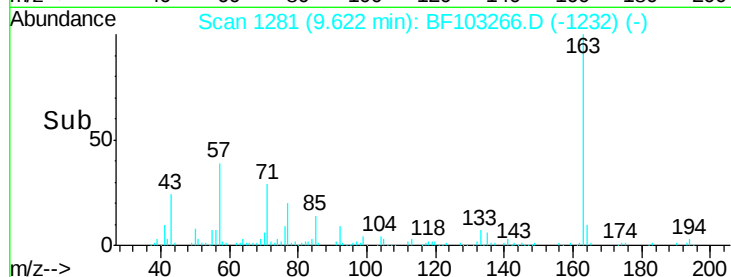
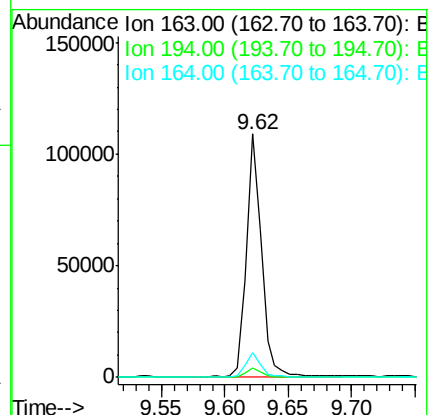
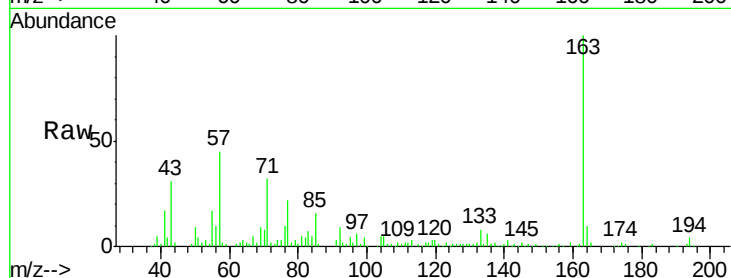
Tgt Ion:163 Resp: 90473

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

164 10.0 8.2 12.2



#56

2,4-Dinitrotoluene

Concen: 6.507 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Tgt Ion:165 Resp: 31360

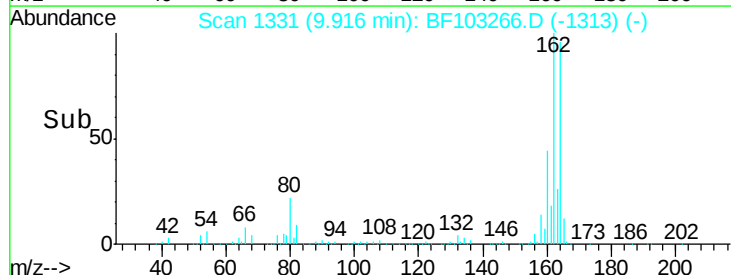
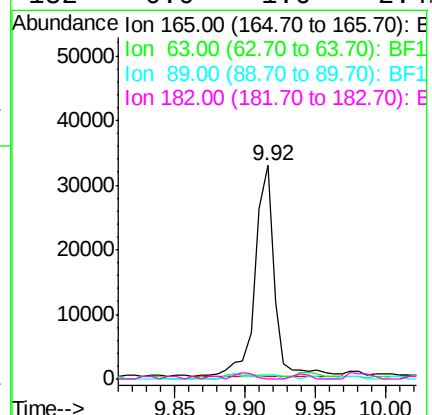
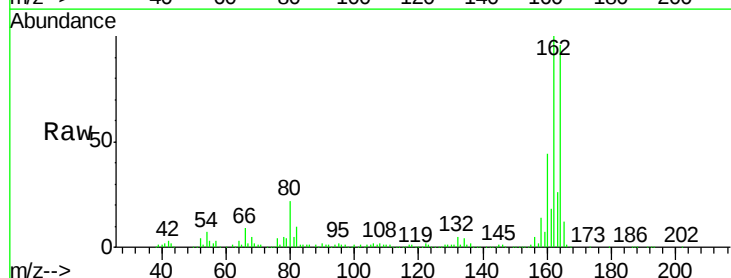
Ion Ratio Lower Upper

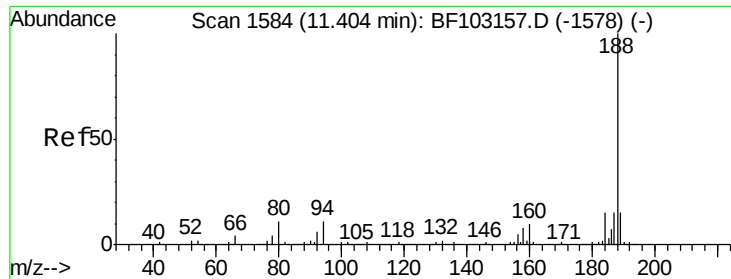
165 100

63 2.0 36.4 54.6#

89 1.9 57.8 86.6#

182 0.0 1.6 2.4#

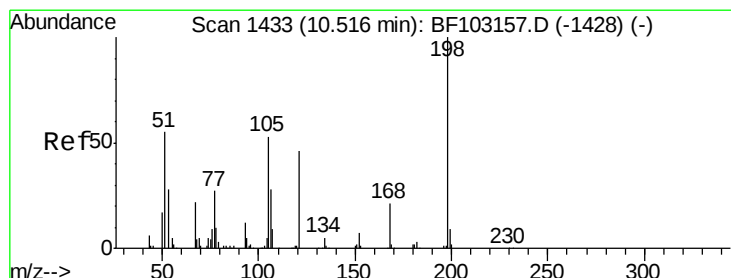
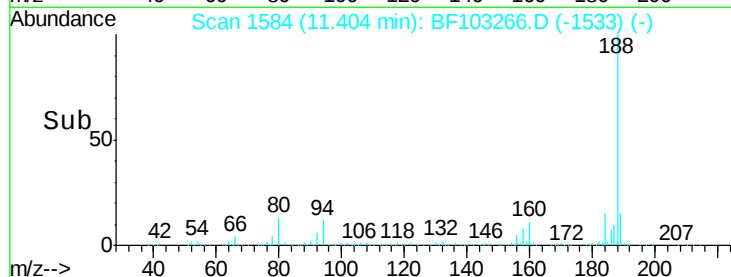
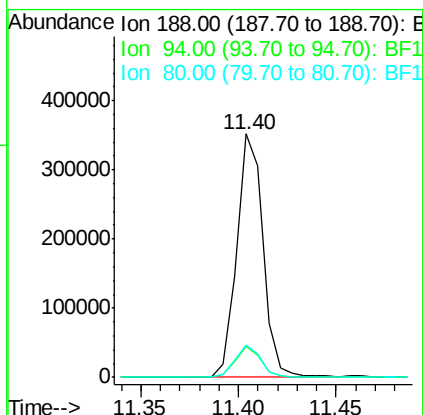
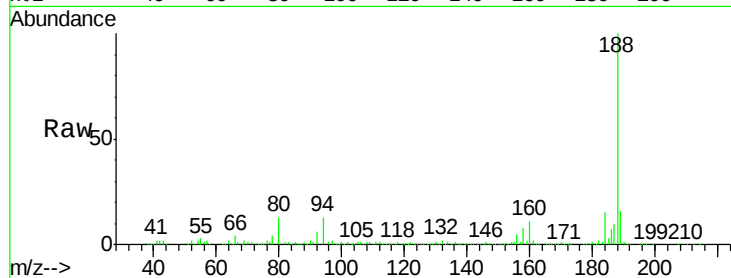




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

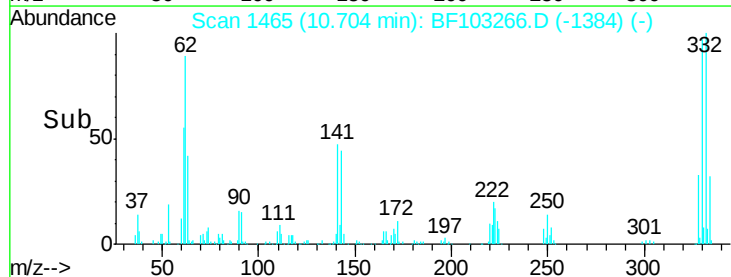
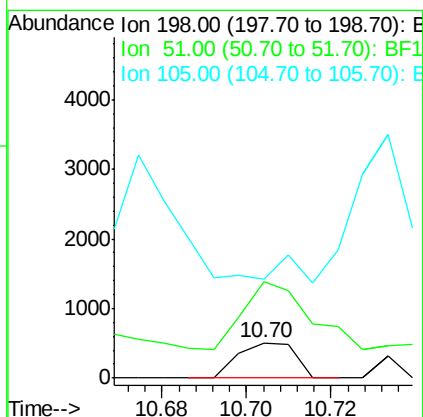
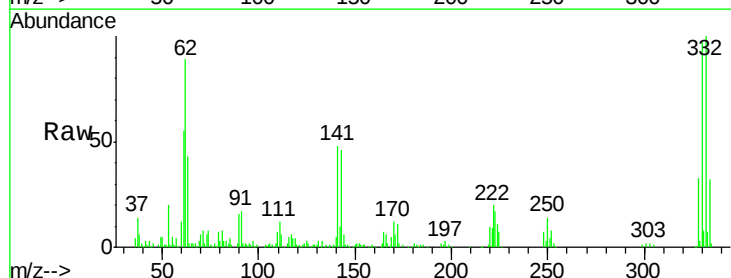
Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

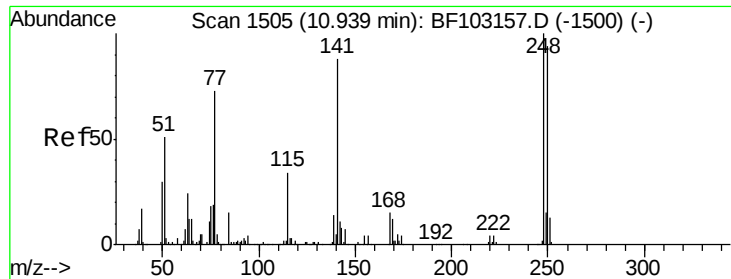
Tgt Ion:188 Resp: 328030
Ion Ratio Lower Upper
188 100
94 12.5 8.5 12.7
80 13.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.159 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103266.D
Acq: 27 Feb 2018 16:42

Tgt Ion:198 Resp: 475
Ion Ratio Lower Upper
198 100
51 275.1 37.7 77.7#
105 282.9 36.3 76.3#

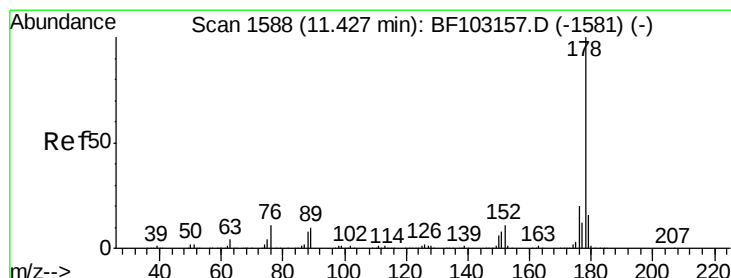
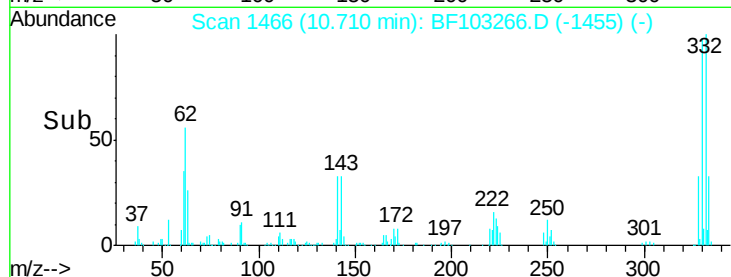
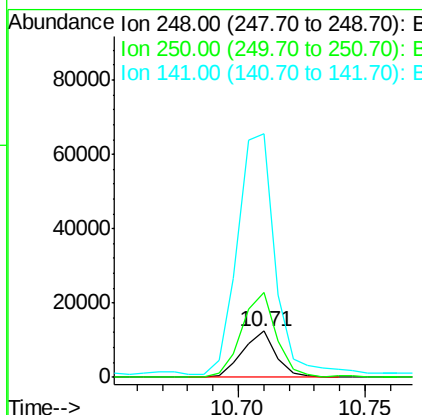
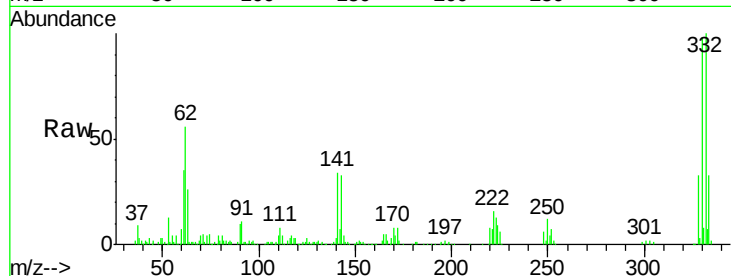




#66
 4-Bromophenyl-phenylether
 Concen: 3.331 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103266.D
 Acq: 27 Feb 2018 16:42

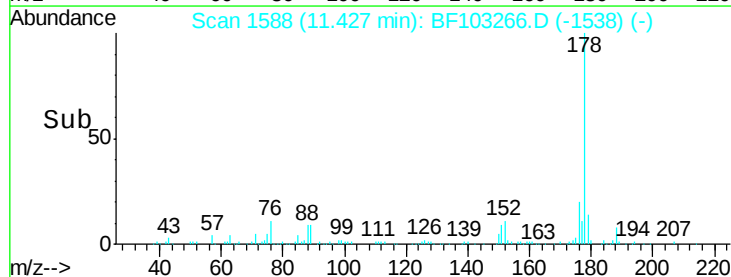
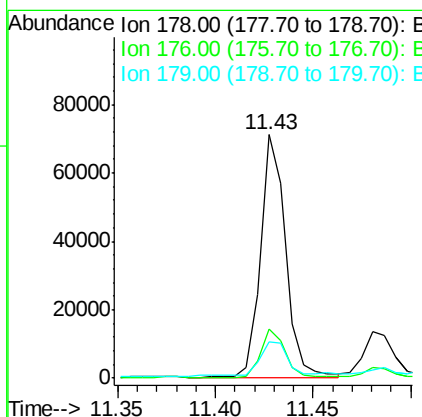
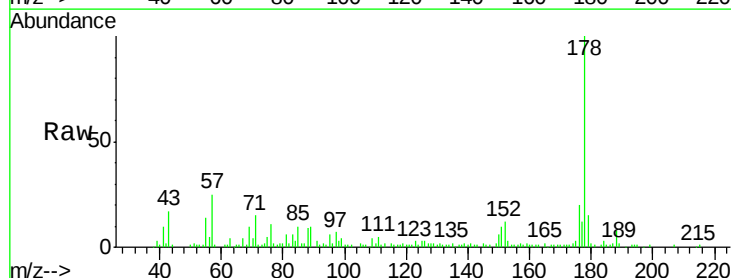
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-022618-C

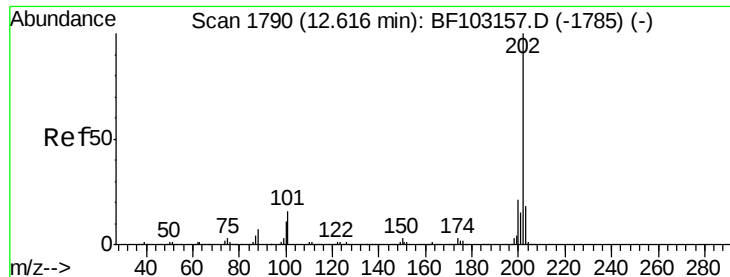
Tgt Ion: 248 Resp: 11383
 Ion Ratio Lower Upper
 248 100
 250 184.8 76.9 115.3#
 141 530.0 74.4 111.6#



#70
 Phenanthrene
 Concen: 3.547 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF103266.D
 Acq: 27 Feb 2018 16:42

Tgt Ion: 178 Resp: 64041
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 14.7 13.0 19.6





#74

Fluoranthene

Concen: 4.097 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

EO-02-022618-C

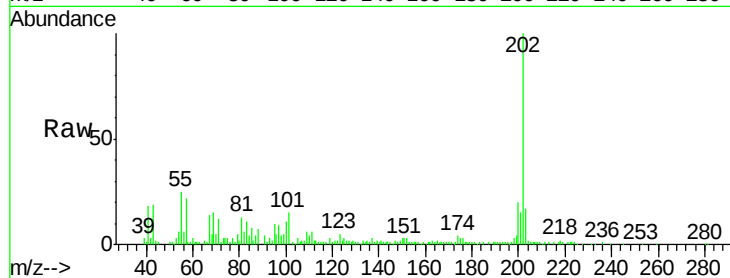
Tgt Ion:202 Resp: 74317

Ion Ratio Lower Upper

202 100

101 15.4 0.0 34.1

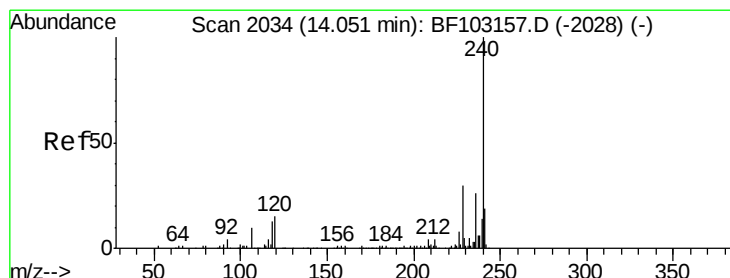
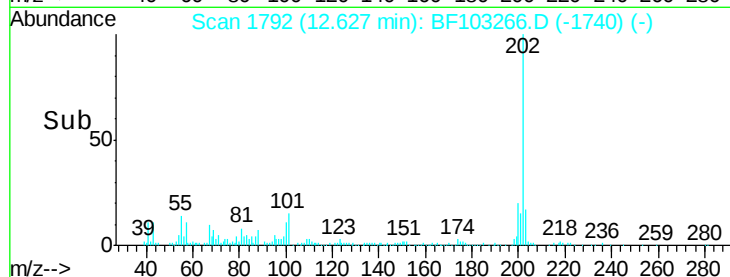
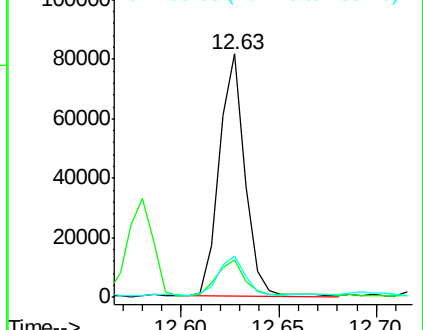
203 17.0 0.0 38.1



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: BF103266.D

Acq: 27 Feb 2018 16:42

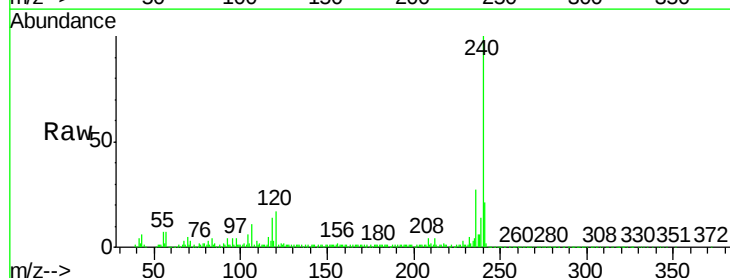
Tgt Ion:240 Resp: 232645

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

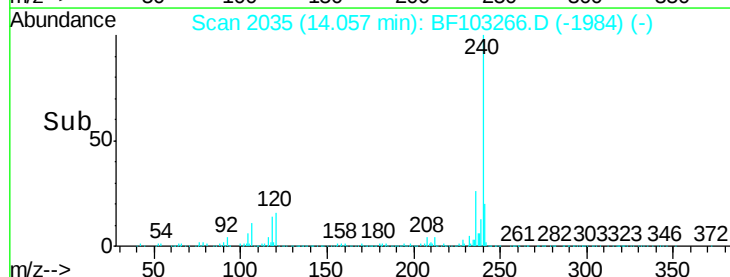
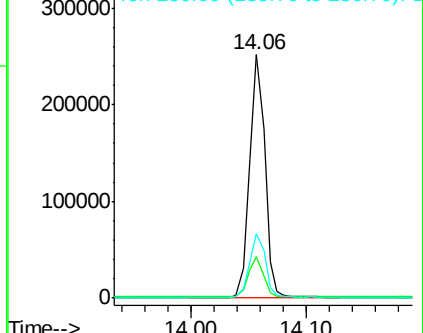
236 26.6 20.7 31.1

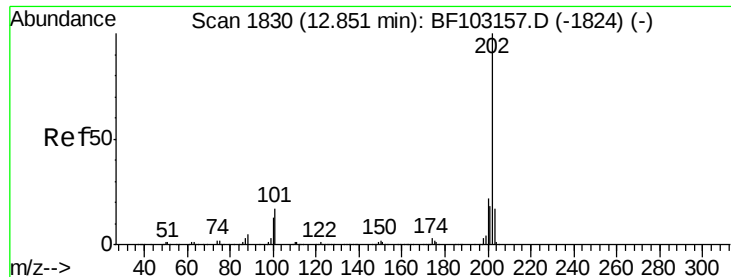


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

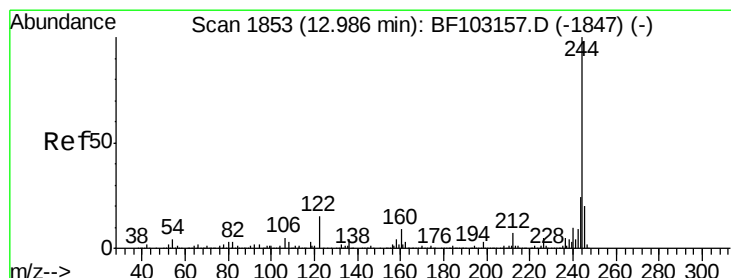
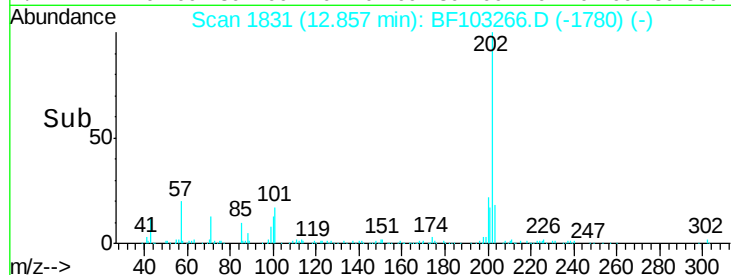
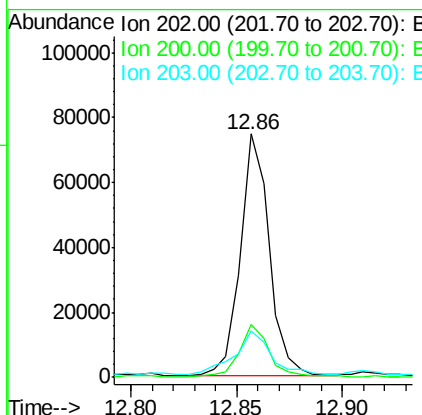
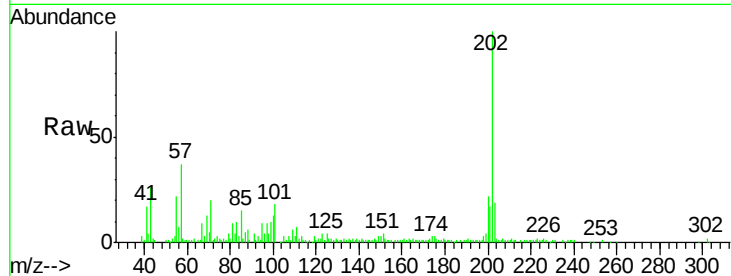




#77
 Pyrene
 Concen: 3.923 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF103266.D
 Acq: 27 Feb 2018 16:42

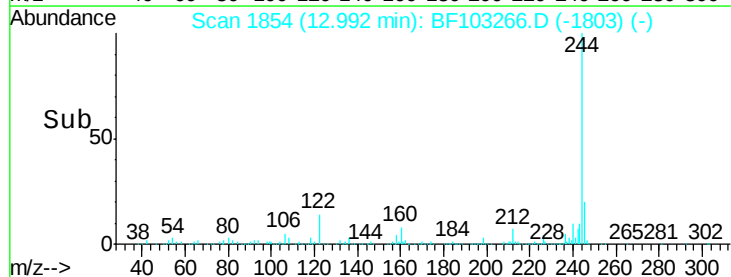
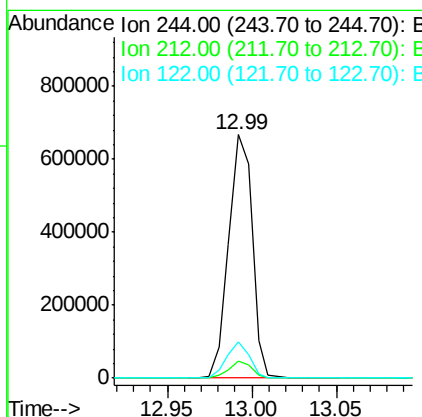
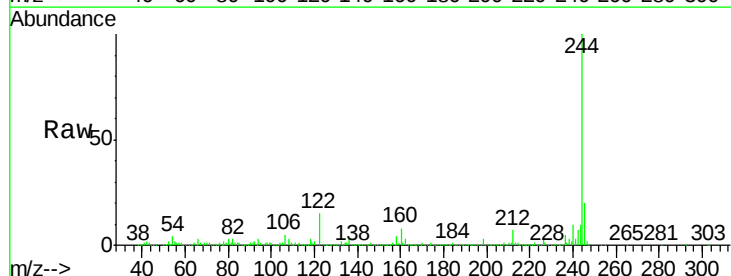
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-022618-C

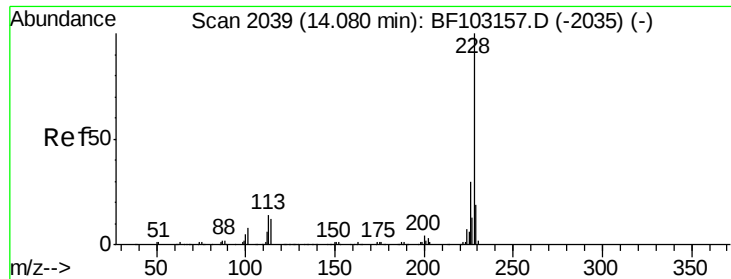
Tgt Ion: 202 Resp: 71156
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 19.2 14.3 21.5



#78
 Terphenyl-d14
 Concen: 66.921 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF103266.D
 Acq: 27 Feb 2018 16:42

Tgt Ion: 244 Resp: 647659
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.7 11.0 16.4





#82

Chrysene

Concen: 2.018 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :

BNA_F

ClientSampleId :

EO-02-022618-C

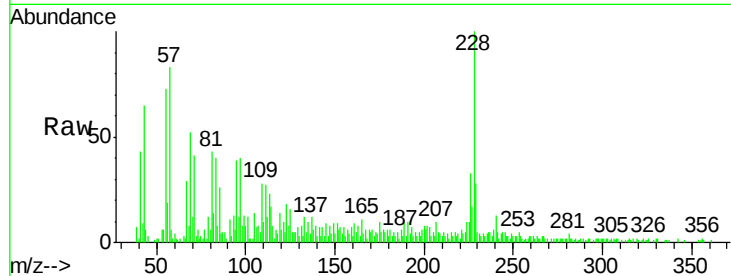
Tgt Ion:228 Resp: 29582

Ion Ratio Lower Upper

228 100

226 33.4 25.0 37.6

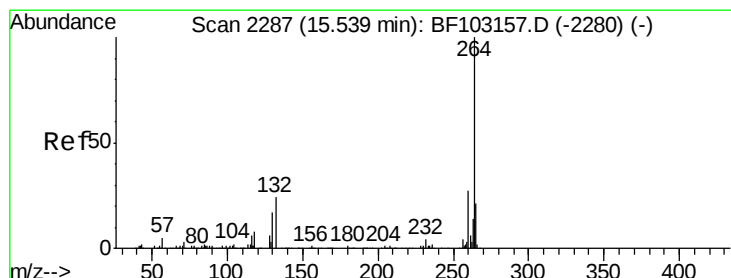
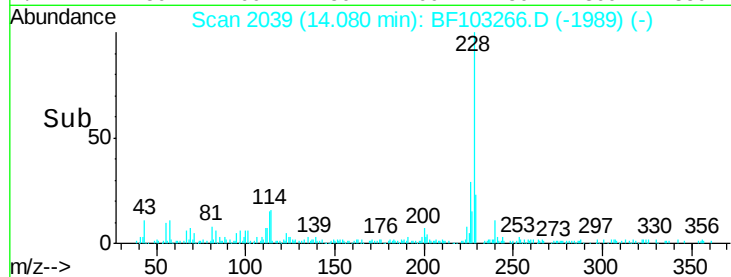
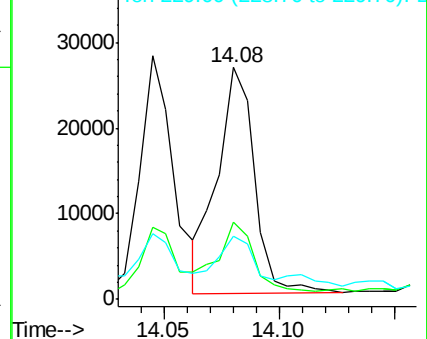
229 27.5 16.2 24.4#



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: BF103266.D

Acq: 27 Feb 2018 16:42

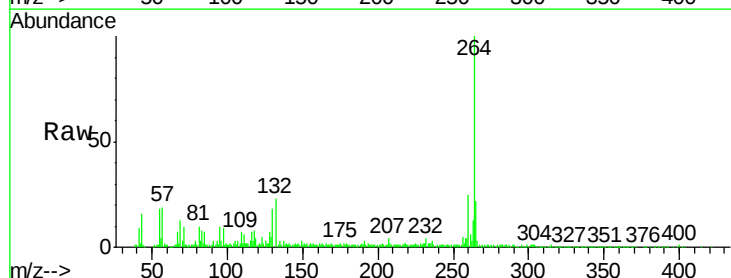
Tgt Ion:264 Resp: 170672

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

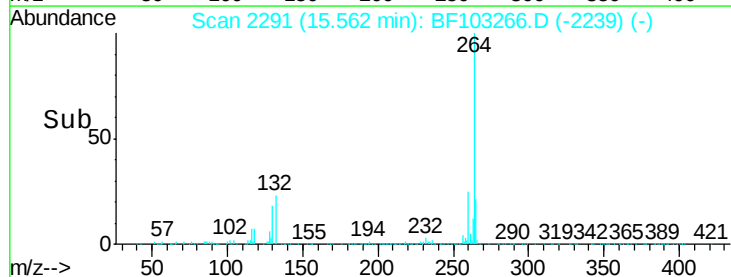
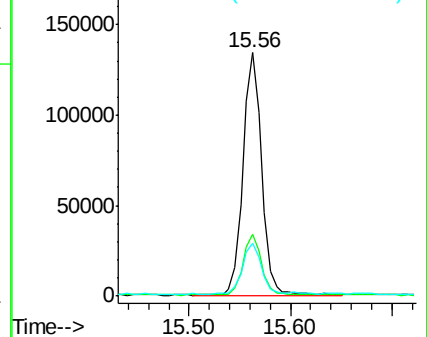
265 21.6 17.5 26.3

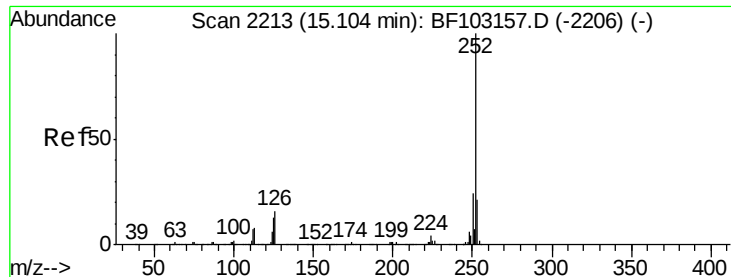


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.139 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

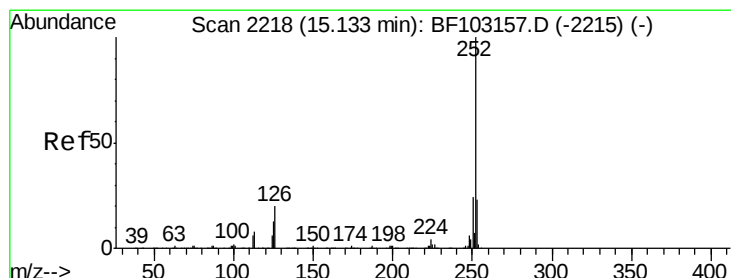
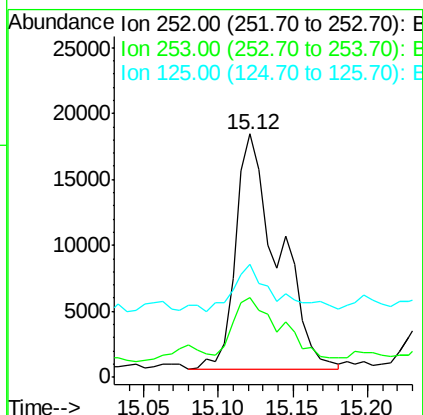
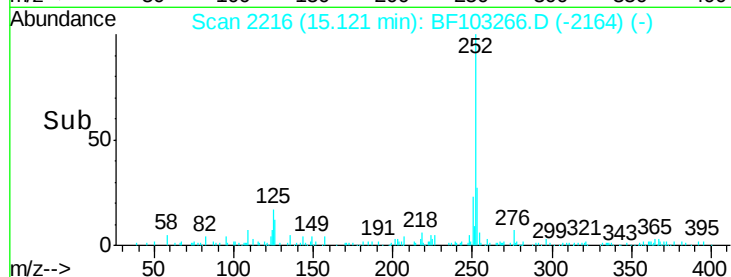
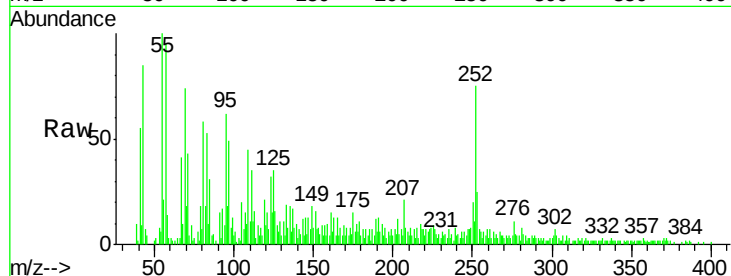
Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-C

Tgt Ion: 252 Resp: 35226

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.0	25.6#
125	46.4	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 3.334 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.03 min

Lab File: BF103266.D

Acq: 27 Feb 2018 16:42

Tgt Ion: 252 Resp: 35226

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.9	26.9#
125	46.4	10.2	15.2#

