

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102183.D
 Acq On : 18 Jan 2018 7:15
 Operator : SJ/JU
 Sample : J1144-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-OW2-4(V)

Quant Time: Jan 18 07:51:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

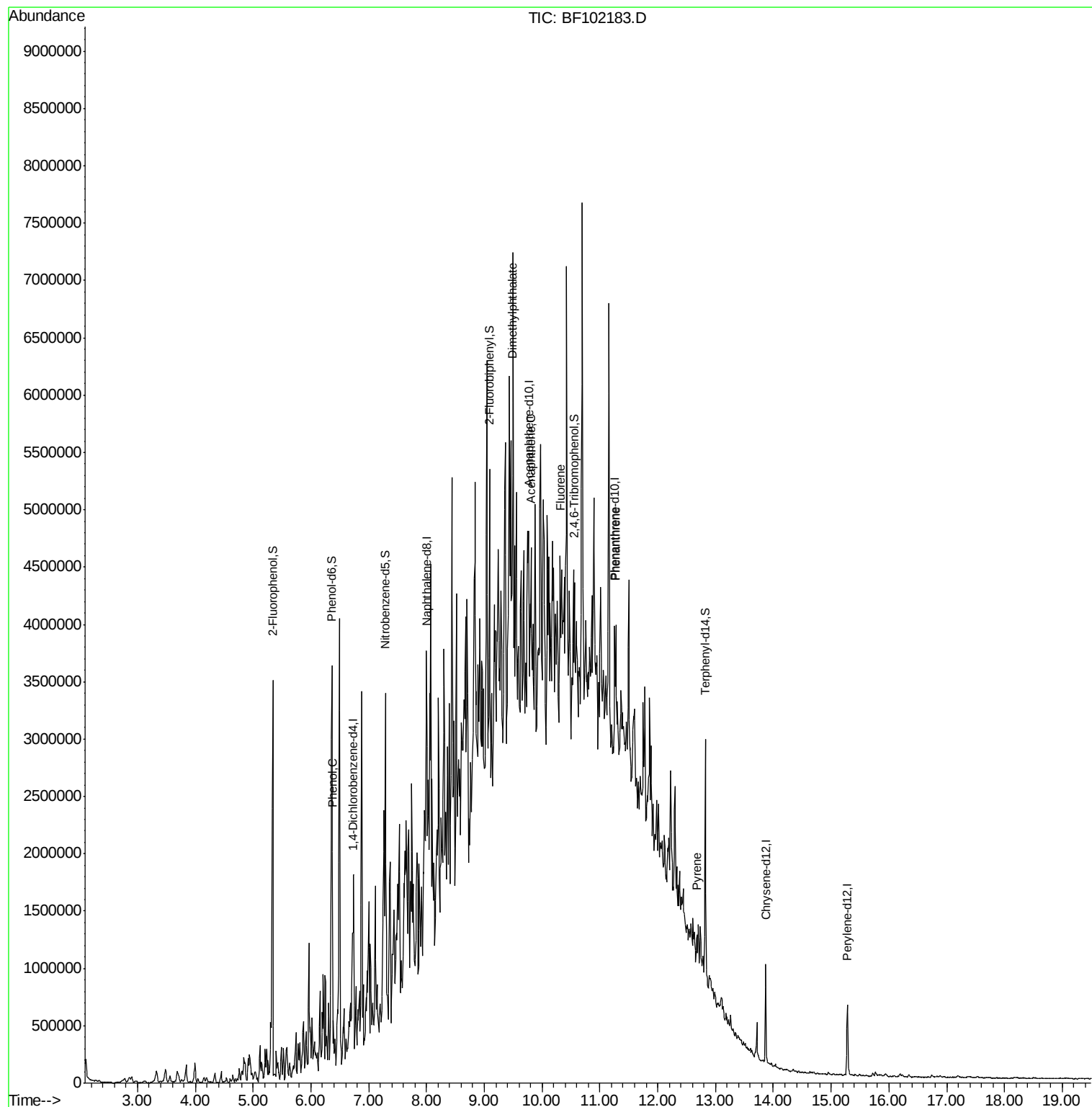
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159810	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	545508	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	207451	20.00	ng	0.01
63) Phenanthrene-d10	11.25	188	309028	20.00	ng	0.01
75) Chrysene-d12	13.87	240	269242	20.00	ng	0.00
86) Perylene-d12	15.28	264	262192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1175845	103.90	ng	0.02
7) Phenol-d6	6.36	99	1365173	101.10	ng	0.00
23) Nitrobenzene-d5	7.29	82	797431	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	210114	116.06	ng	0.02
44) 2-Fluorobiphenyl	9.09	172	1032702	77.77	ng	0.00
78) Terphenyl-d14	12.83	244	696937	53.74	ng	0.00
Target Compounds						
10) Phenol	6.37	94	65096	4.266	ng	100
49) Dimethylphthalate	9.49	163	132681	7.973	ng	# 81
51) Acenaphthene	9.80	154	70459	5.144	ng	# 60
57) Fluorene	10.32	166	181036	13.932	ng	# 87
70) Phenanthrene	11.27	178	431466	23.902	ng	# 96
77) Pyrene	12.68	202	81500	3.424	ng	# 93

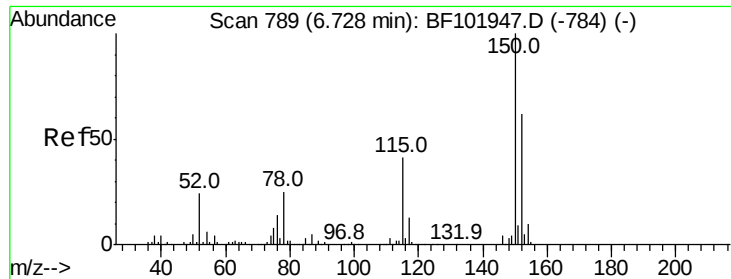
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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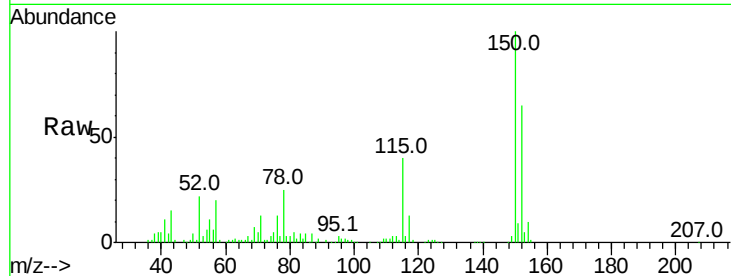


#1

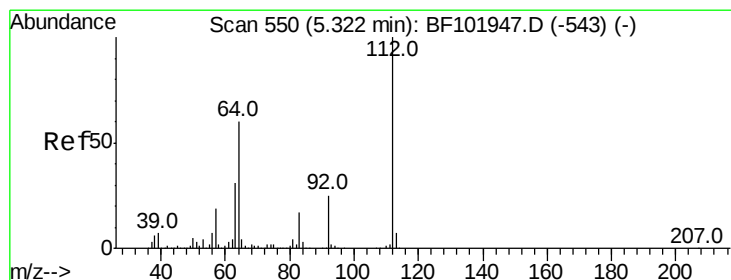
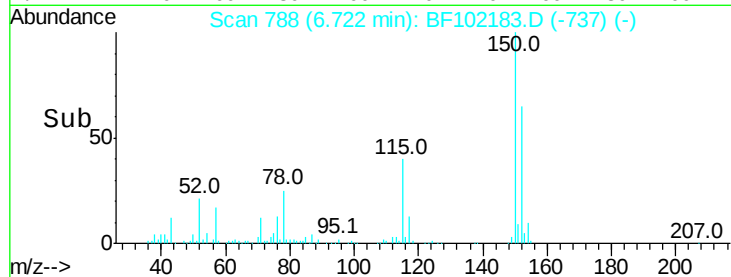
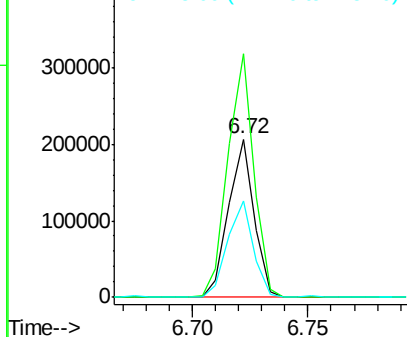
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :
TS-OW2-4(V)

Tot Ion:152 Resp: 159810
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 61.1 50.1 75.1



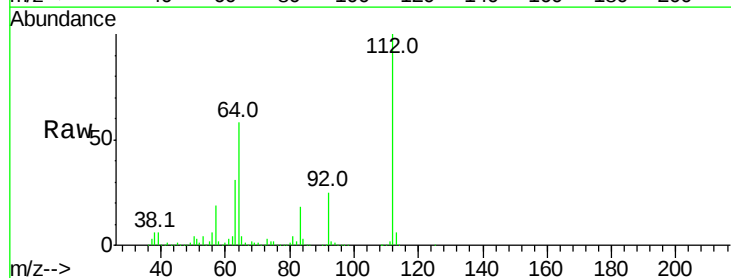
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



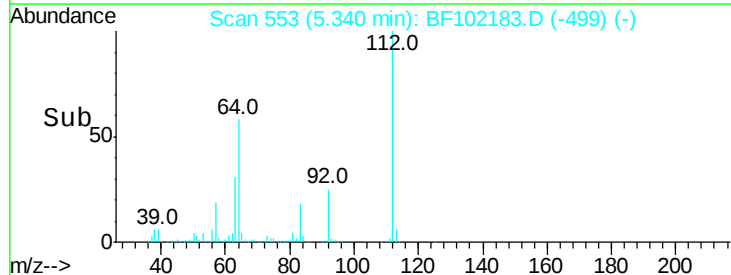
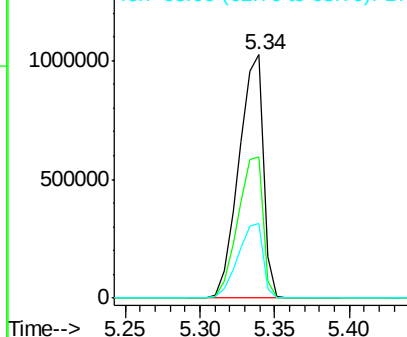
#5

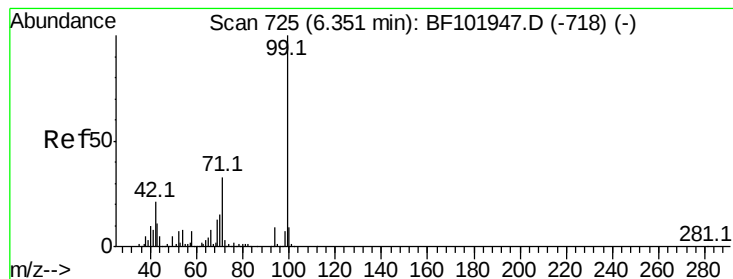
2-Fluorophenol
Concen: 103.898 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:112 Resp: 1175845
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 30.6 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: 101.103 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102183.D

Acq: 18 Jan 2018 7:15

Instrument :

BNA_F

ClientSampleId :

TS-OW2-4(V)

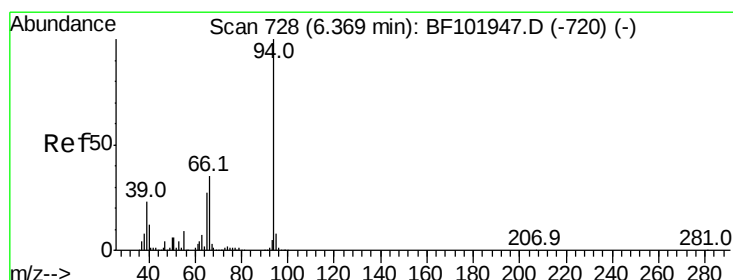
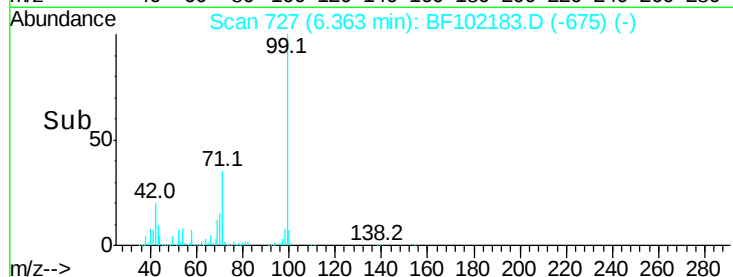
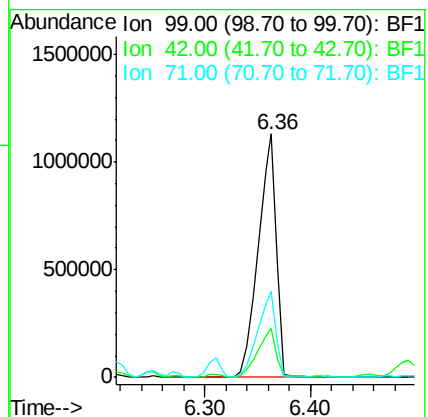
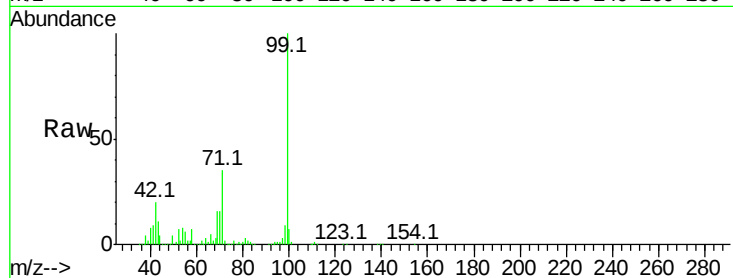
Tot Ion: 99 Resp: 1365173

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 35.3 25.4 38.0



#10

Phenol

Concen: 4.266 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102183.D

Acq: 18 Jan 2018 7:15

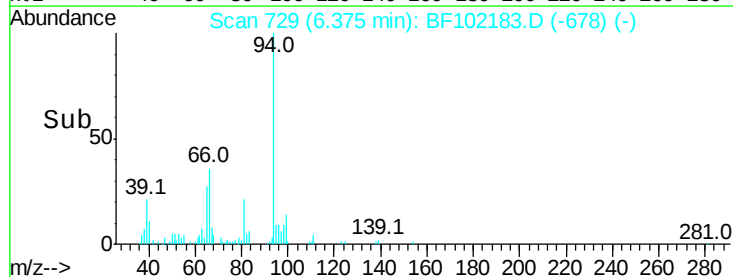
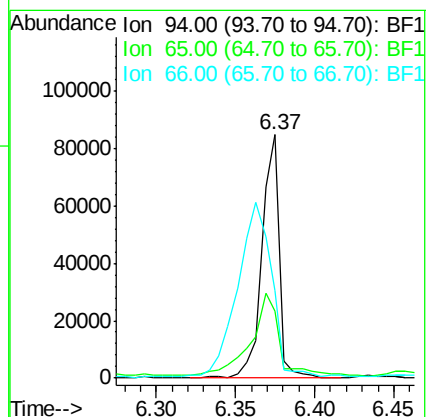
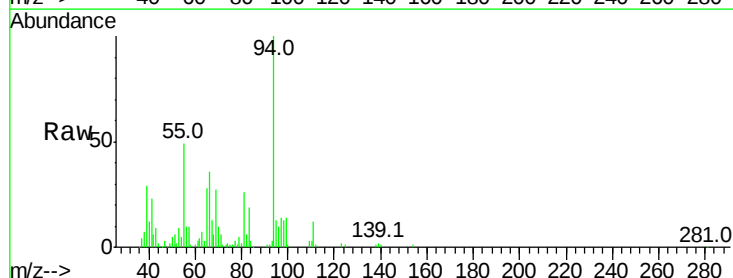
Tgt Ion: 94 Resp: 65096

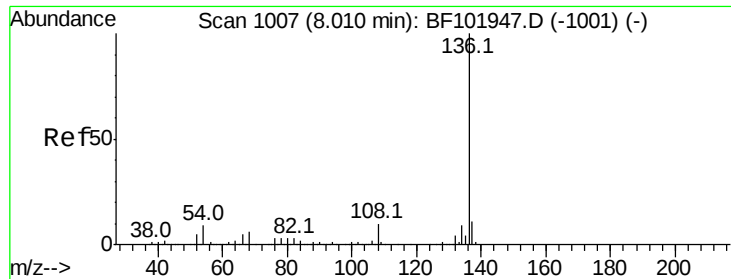
Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 36.1 16.2 56.2

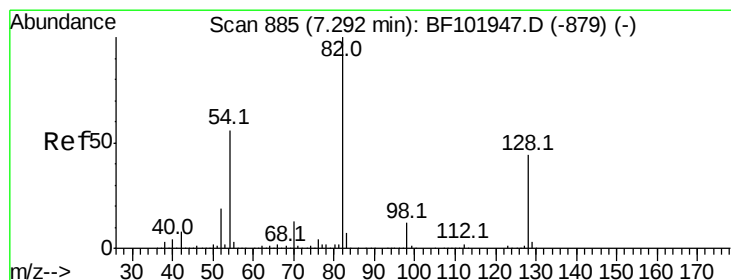
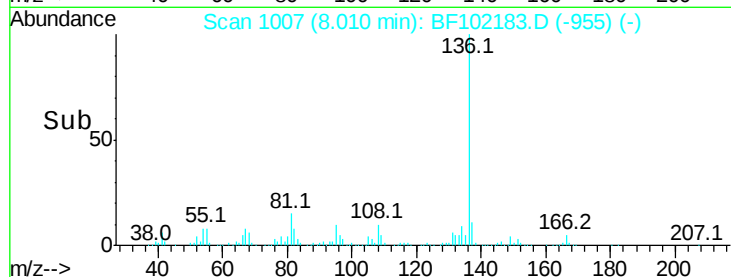
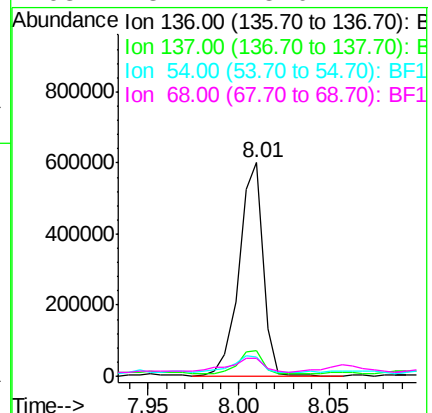
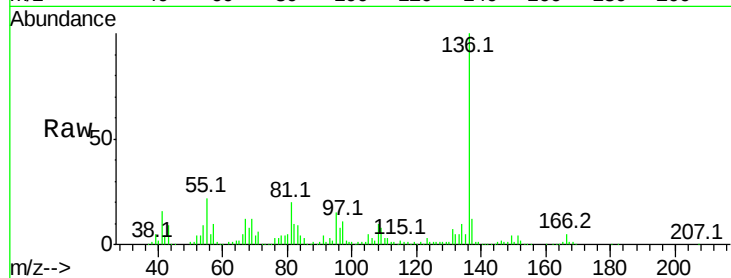




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

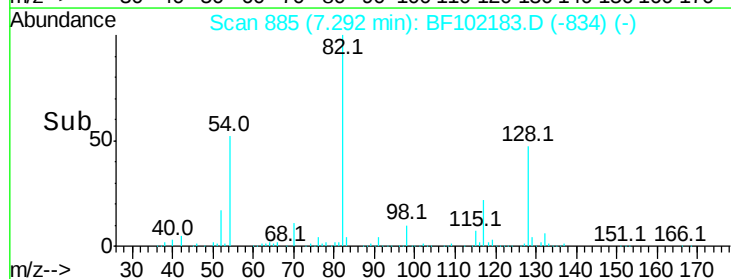
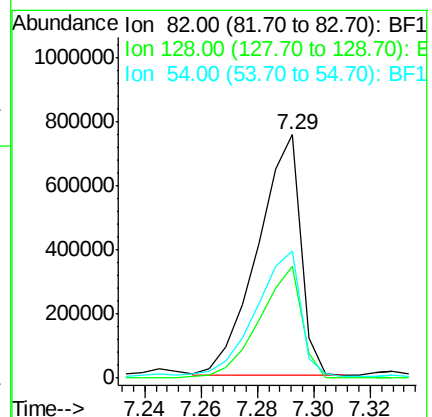
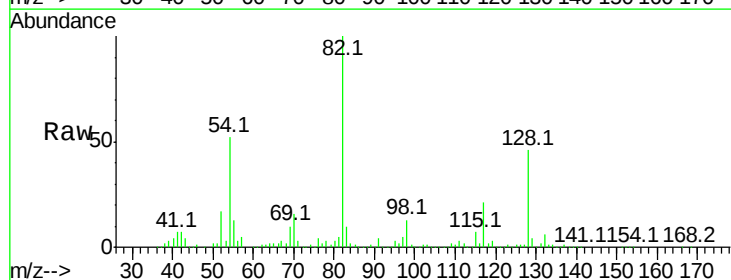
Instrument :
BNA_F
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TS-OW2-4(V)

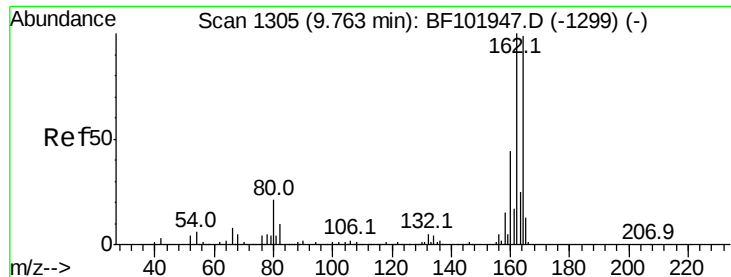
Tot Ion:	136	Resp:	545508
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	9.3	6.6	9.8
68	8.1	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 85.902 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:	82	Resp:	797431
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	52.2	41.4	62.2

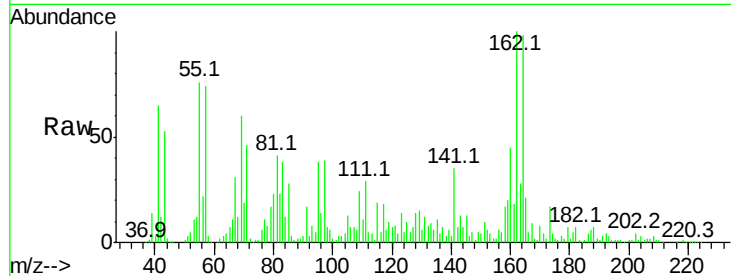




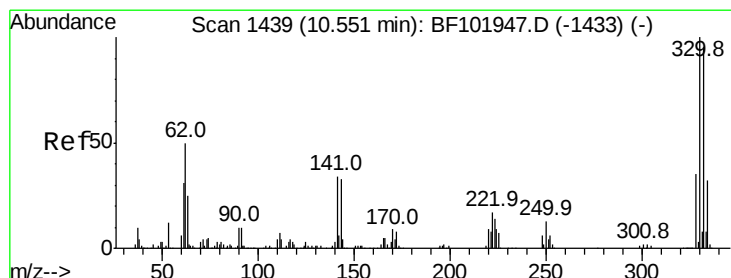
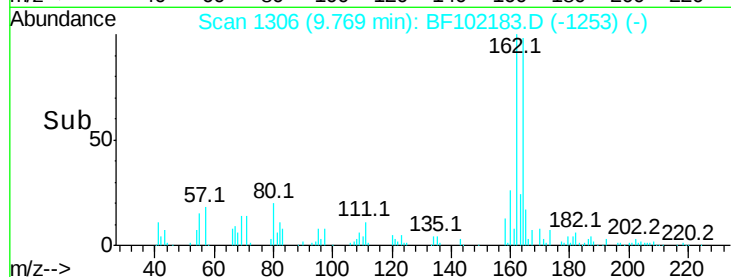
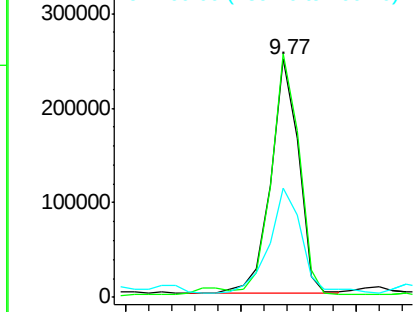
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF102183.D
 Acq: 18 Jan 2018 7:15

Instrument :
 BNA_F
 ClientSampleId :
 TS-OW2-4(V)

Tot Ion:164 Resp: 207451
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 45.8 38.3 57.5

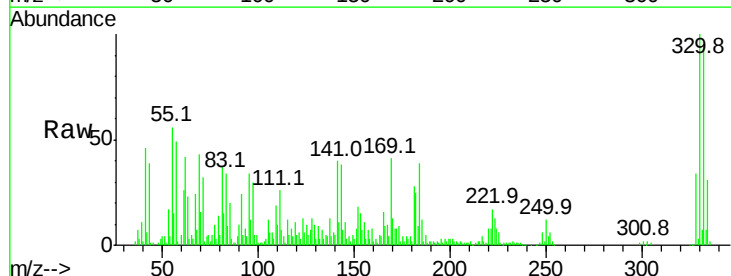


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

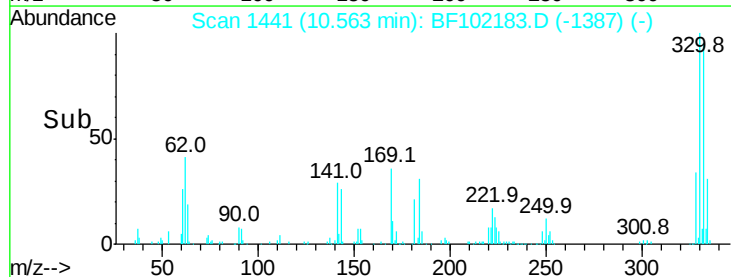
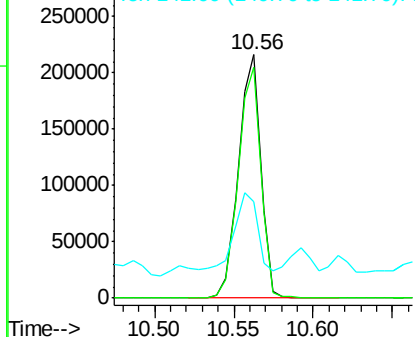


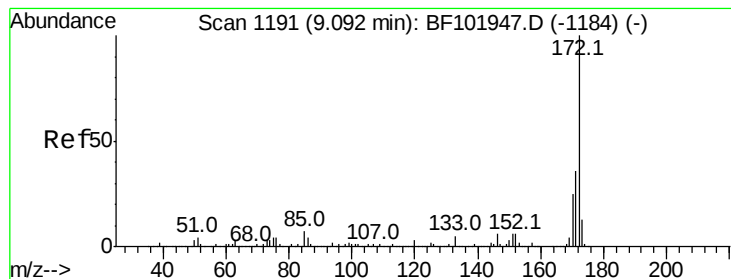
#41
 2,4,6-Tribromophenol
 Concen: 116.060 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.02 min
 Lab File: BF102183.D
 Acq: 18 Jan 2018 7:15

Tgt Ion:330 Resp: 210114
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 32.3 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

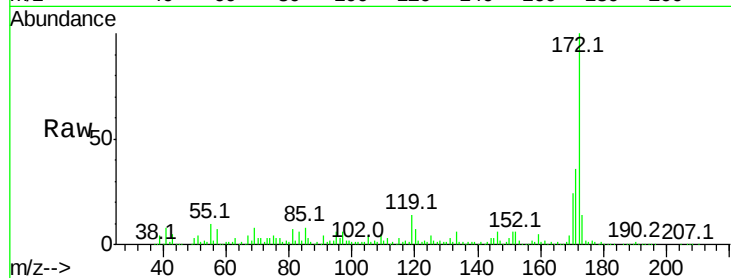




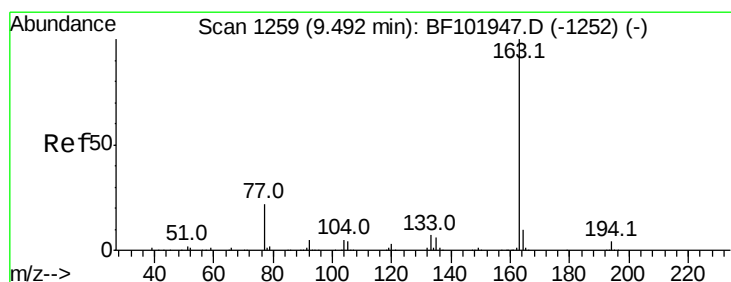
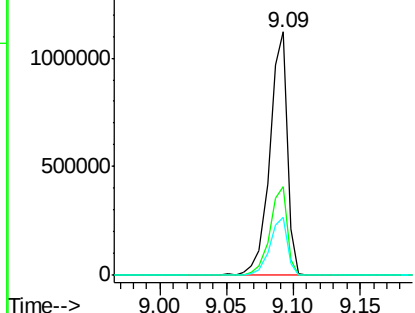
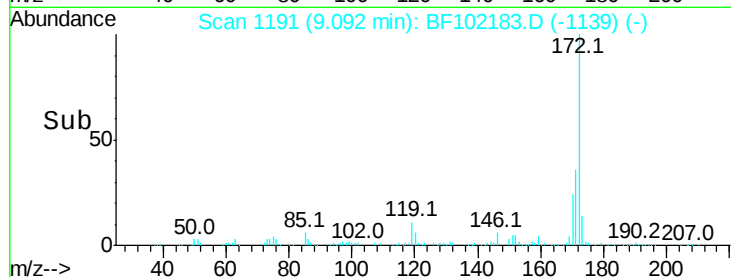
#44
2-Fluorobiphenyl
Concen: 77.771 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Instrument :
BNA_F
ClientSampleId :
TS-OW2-4(V)

Tot Ion:172 Resp: 1032702
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.6 19.6 29.4

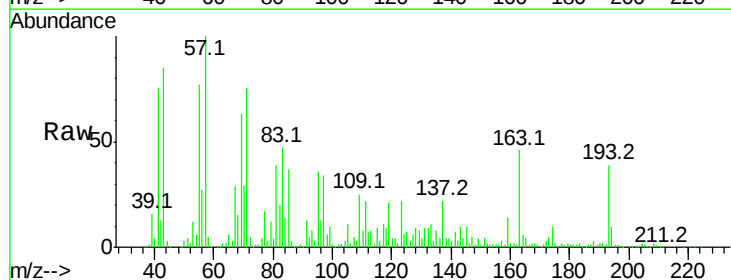


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

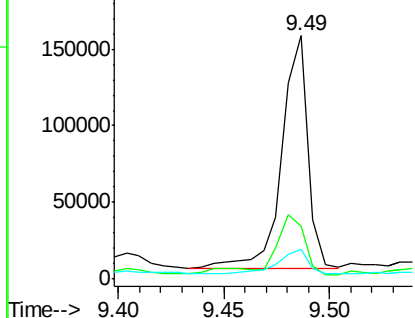
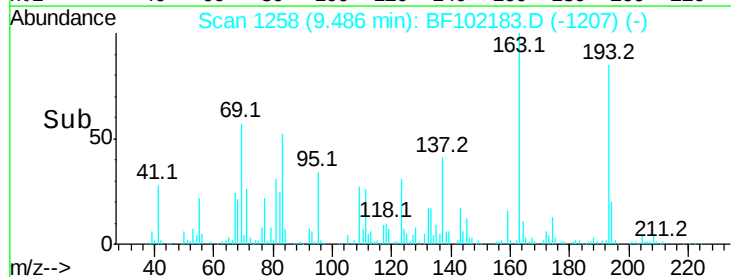


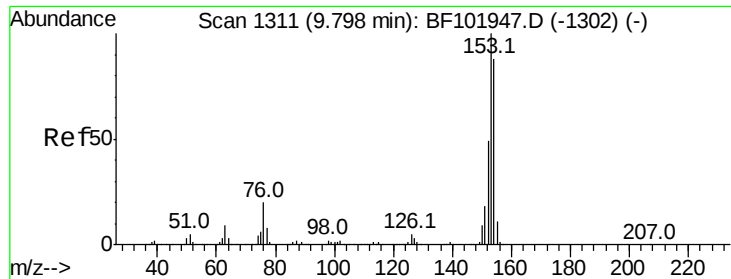
#49
Dimethylphthalate
Concen: 7.973 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:163 Resp: 132681
Ion Ratio Lower Upper
163 100
194 21.9 2.7 4.1#
164 12.5 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: 5.144 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF102183.D

Acq: 18 Jan 2018 7:15

Instrument :

BNA_F

ClientSampleId :

TS-OW2-4(V)

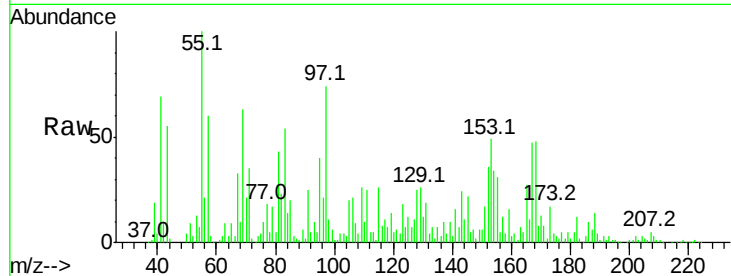
Tot Ion:154 Resp: 70459

Ion Ratio Lower Upper

154 100

153 141.8 91.2 136.8#

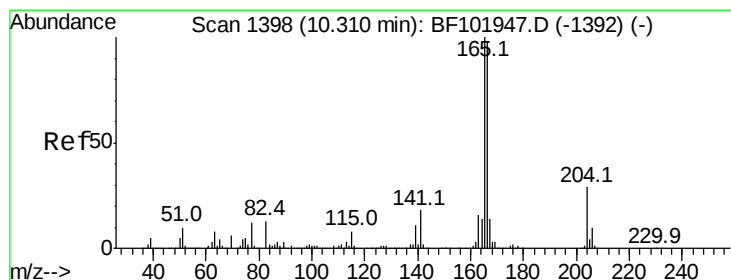
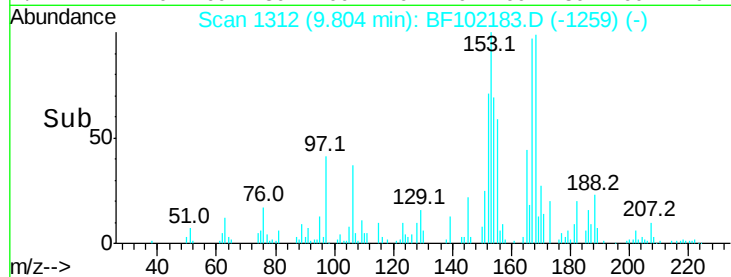
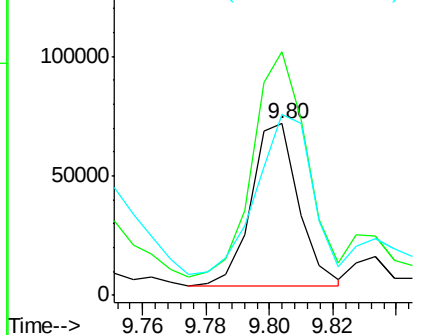
152 105.5 43.8 65.8#



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



#57

Fluorene

Concen: 13.932 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF102183.D

Acq: 18 Jan 2018 7:15

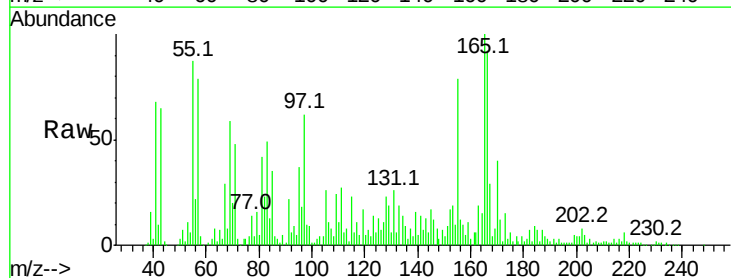
Tgt Ion:166 Resp: 181036

Ion Ratio Lower Upper

166 100

165 108.5 79.8 119.8

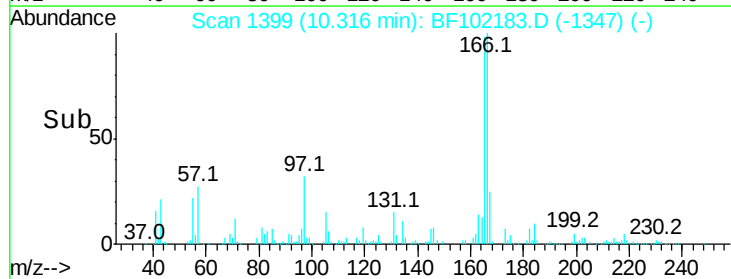
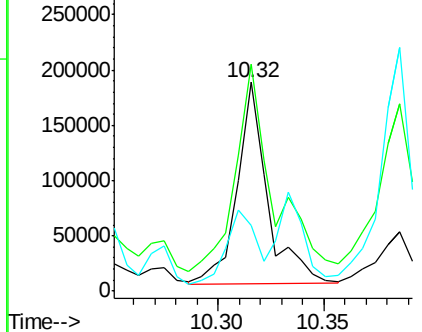
167 31.4 10.6 16.0#

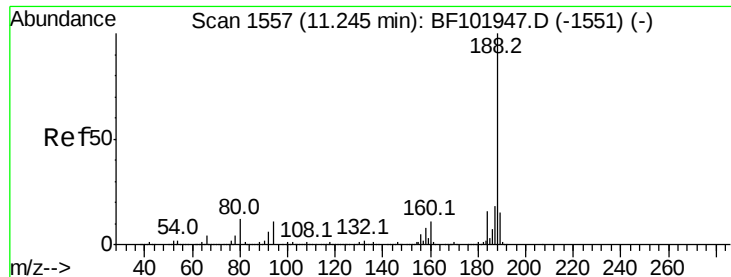


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

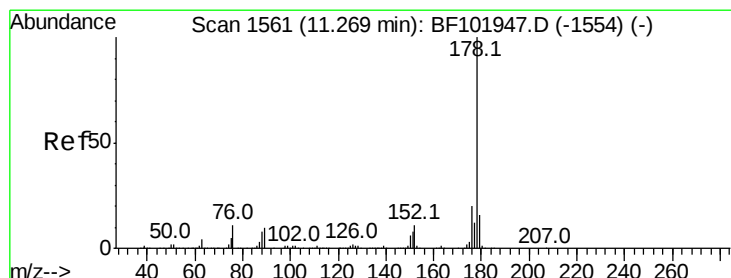
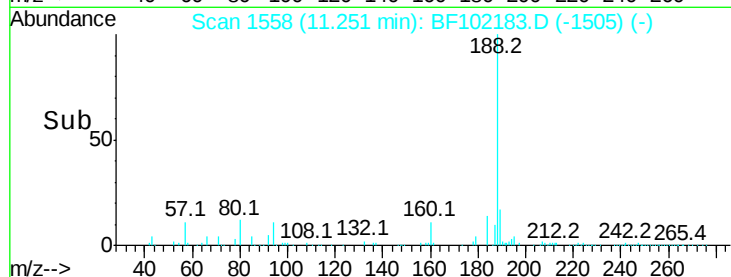
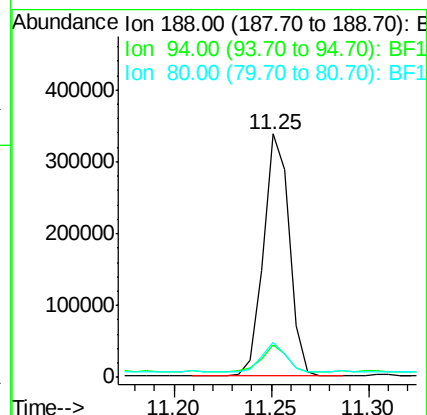
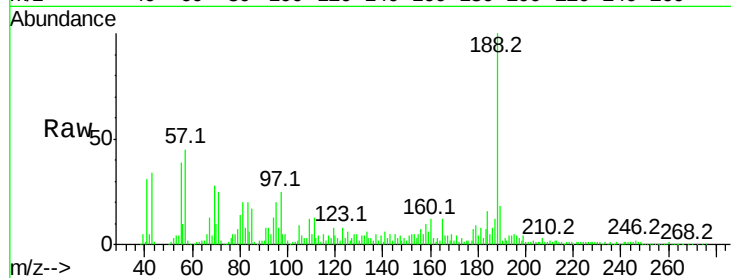




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

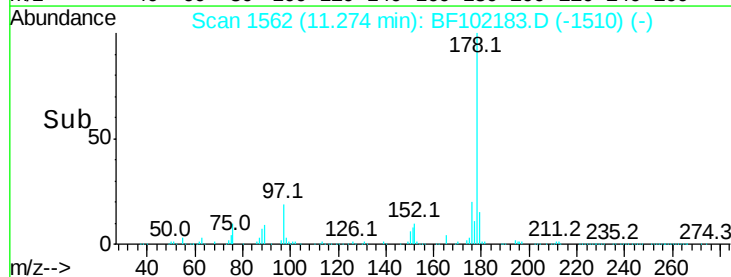
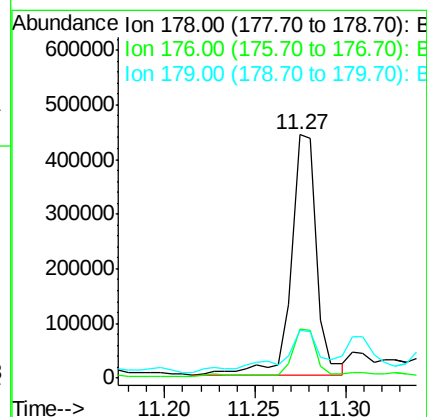
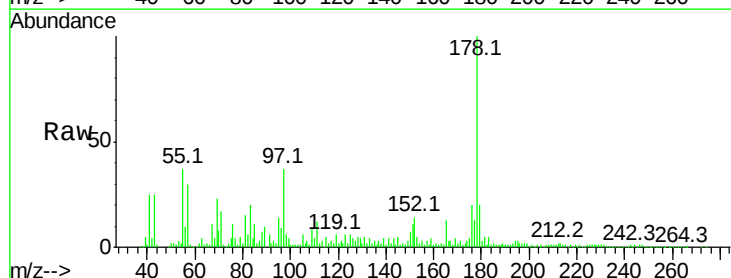
Instrument :
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TS-OW2-4(V)

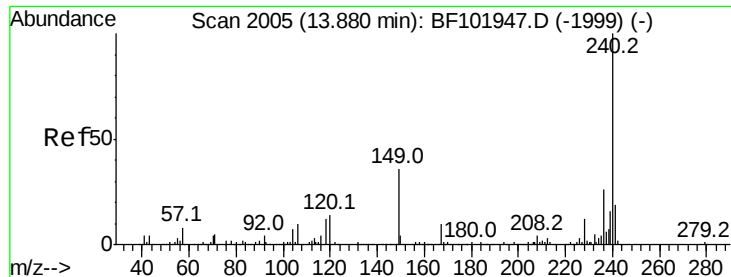
Tot Ion:188 Resp: 309028
Ion Ratio Lower Upper
188 100
94 13.1 8.5 12.7#
80 14.4 9.2 13.8#



#70
Phenanthrene
Concen: 23.902 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102183.D
Acq: 18 Jan 2018 7:15

Tgt Ion:178 Resp: 431466
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 19.8 13.0 19.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102183.D

Acq: 18 Jan 2018 7:15

Instrument :

BNA_F

ClientSampleId :

TS-OW2-4(V)

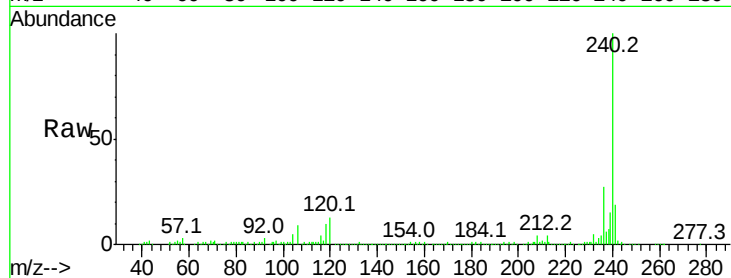
Tot Ion:240 Resp: 269242

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

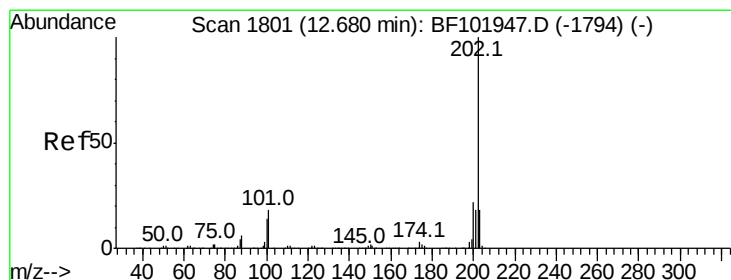
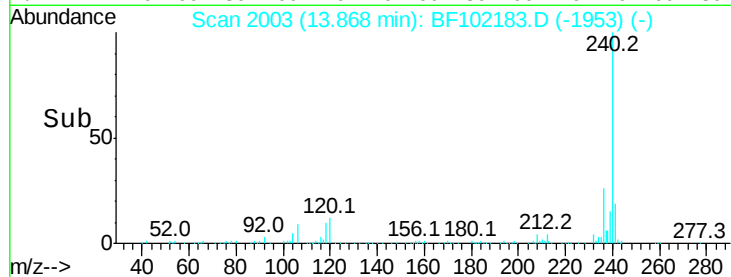
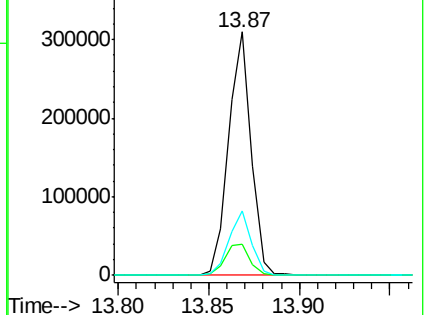
236 26.6 20.7 31.1



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: 3.424 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102183.D

Acq: 18 Jan 2018 7:15

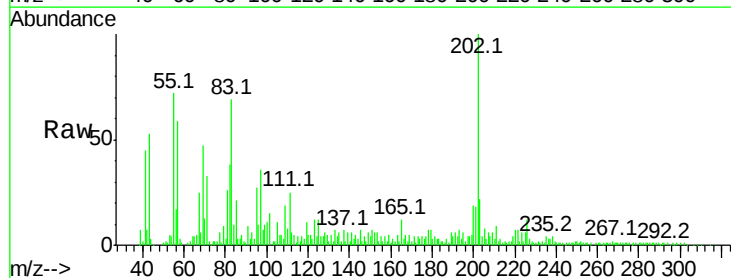
Tgt Ion:202 Resp: 81500

Ion Ratio Lower Upper

202 100

200 19.5 17.4 26.2

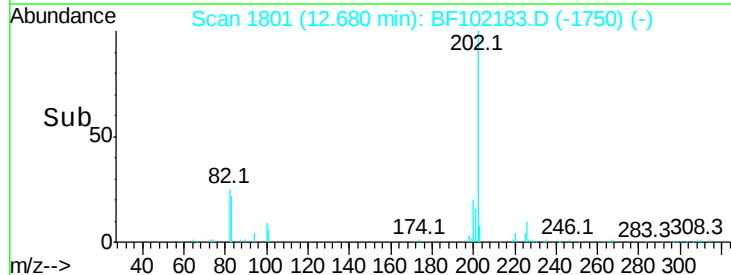
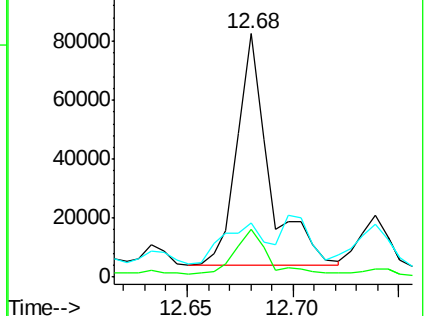
203 22.1 14.3 21.5#

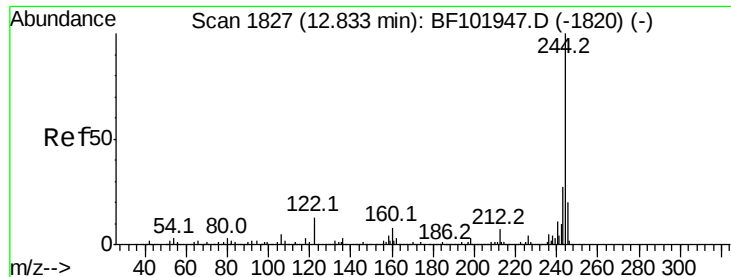


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.744 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102183.D

Acq: 18 Jan 2018 7:15

Instrument :

BNA_F

ClientSampleId :

TS-OW2-4(V)

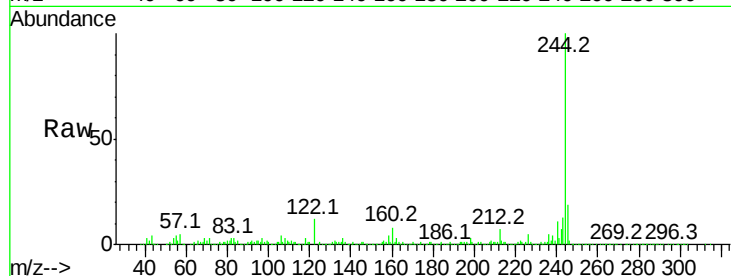
Tot Ion:244 Resp: 696937

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

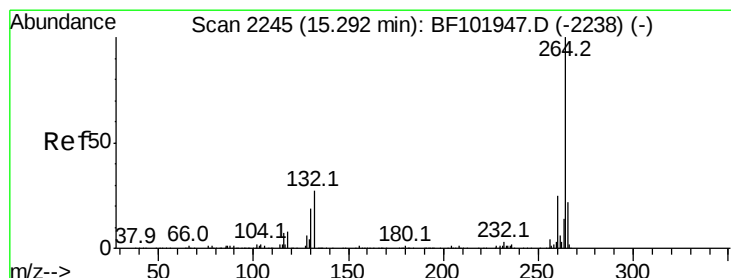
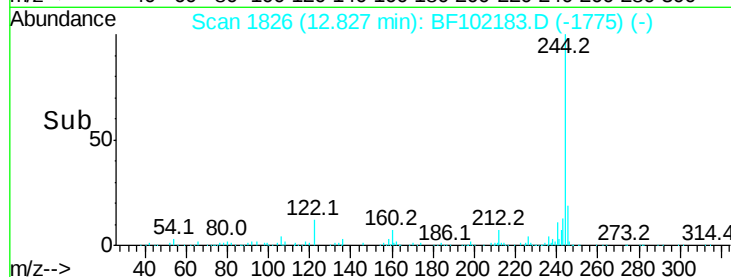
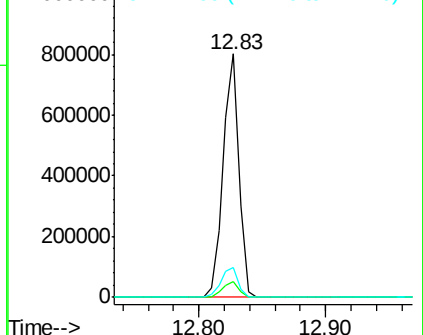
122 12.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102183.D

Acq: 18 Jan 2018 7:15

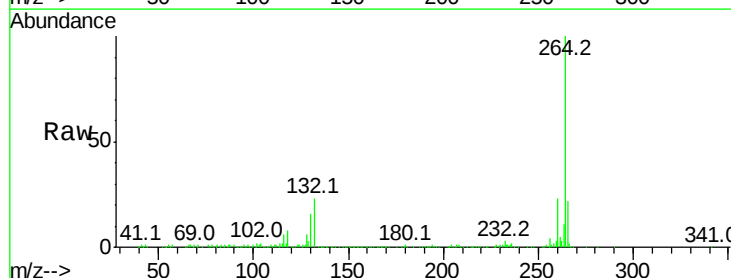
Tgt Ion:264 Resp: 262192

Ion Ratio Lower Upper

264 100

260 22.6 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

