

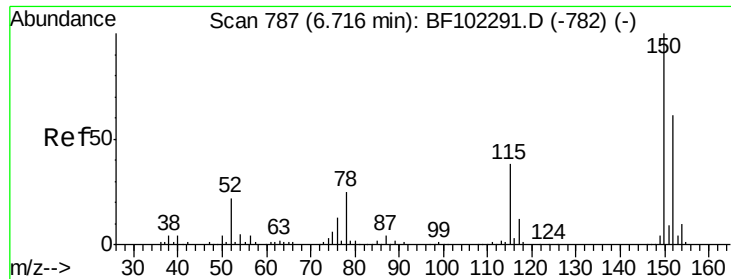
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102687.D
 Acq On : 1 Feb 2018 15:44
 Operator : SJ/JU
 Sample : J1405-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-07(12-ST-LATERAL-LINE-E-OF-

Quant Time: Feb 02 00:47:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	144892	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	609708	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	278681	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	501093	20.00	ng	0.00
75) Chrysene-d12	13.86	240	431744	20.00	ng	0.00
86) Perylene-d12	15.29	264	354965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1119004	117.10	ng	0.02
7) Phenol-d6	6.37	99	1359305	117.99	ng	0.02
23) Nitrobenzene-d5	7.27	82	797054	75.12	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	276734	100.22	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1313455	69.30	ng	0.00
78) Terphenyl-d14	12.81	244	1224733	63.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	92716	4.025	ng	Qvalue 99

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

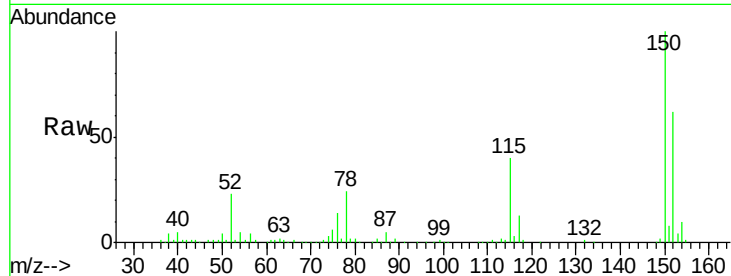


#1

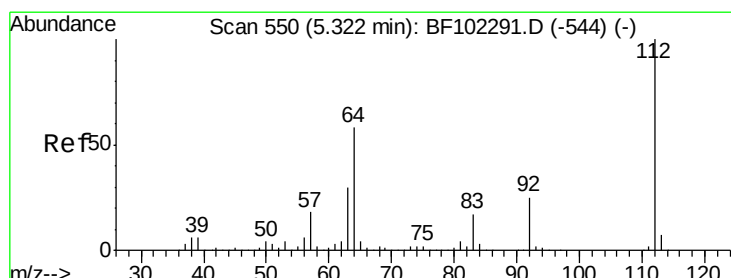
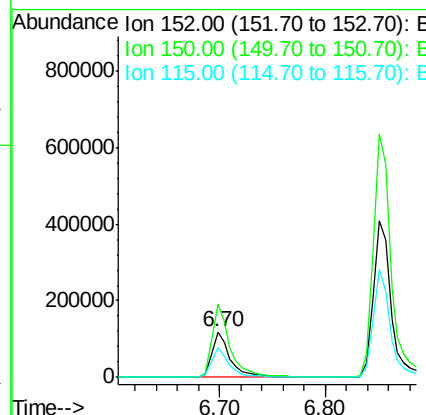
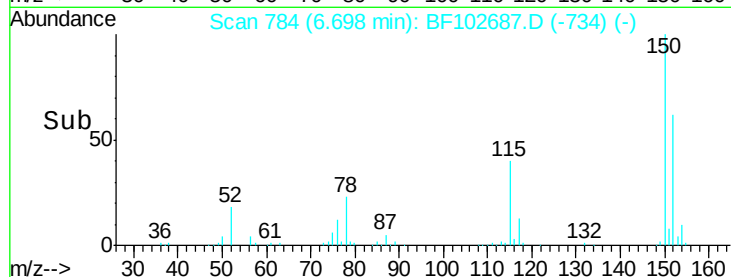
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102687.D
Acq: 1 Feb 2018 15:44

Instrument :
BNA_F
ClientSampleId :
TP-07(12-ST-LATERAL-LINE-E-OF-

Tot Ion:152 Resp: 144892
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 65.5 50.1 75.1



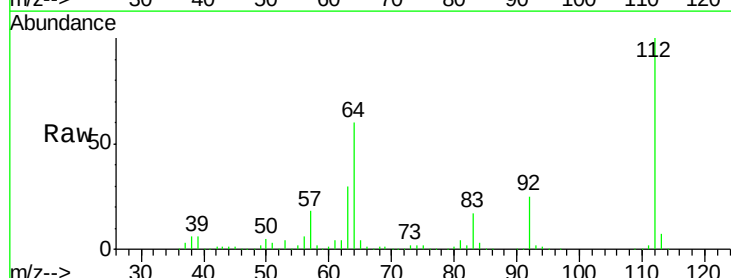
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



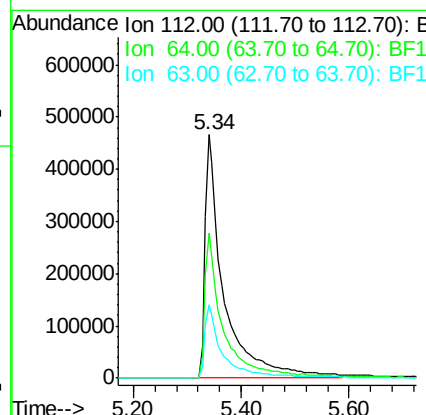
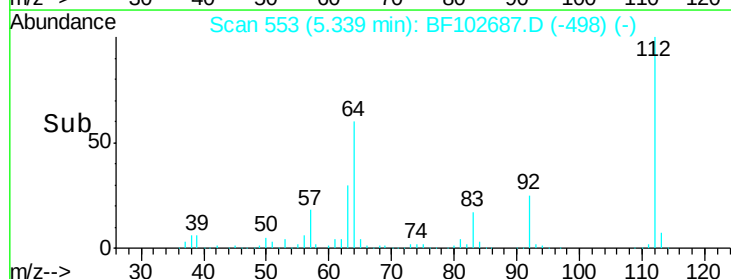
#5

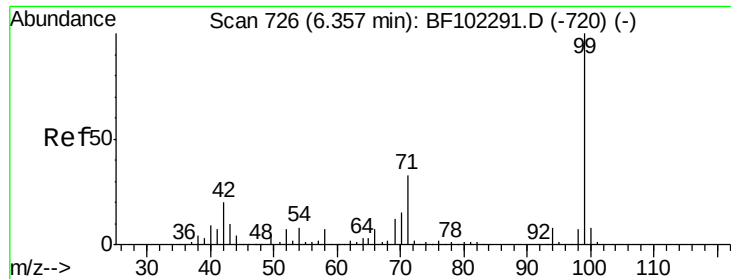
2-Fluorophenol
Concen: 117.101 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102687.D
Acq: 1 Feb 2018 15:44

Tgt Ion:112 Resp: 1119004
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 30.4 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: 117.990 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.02 min

Lab File: BF102687.D

Acq: 1 Feb 2018 15:44

Instrument :

BNA_F

ClientSampleId :

TP-07(12-ST-LATERAL-LINE-E-OF-

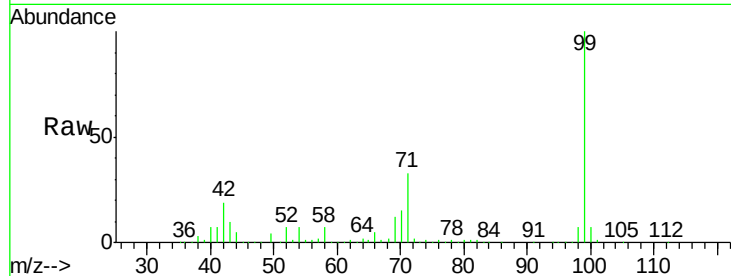
Tot Ion: 99 Resp: 1359305

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

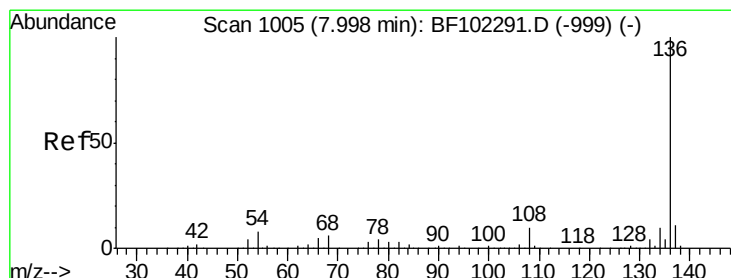
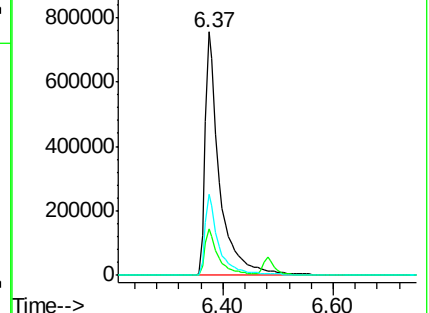
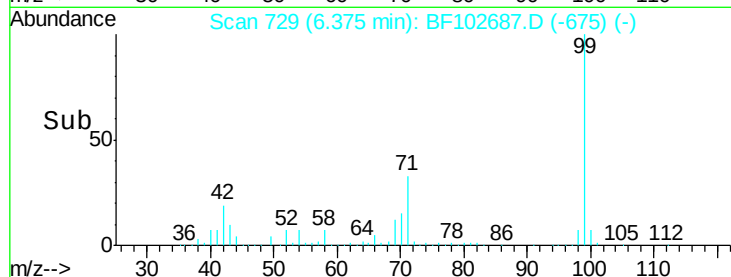
71 33.1 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102687.D

Acq: 1 Feb 2018 15:44

Tgt Ion: 136 Resp: 609708

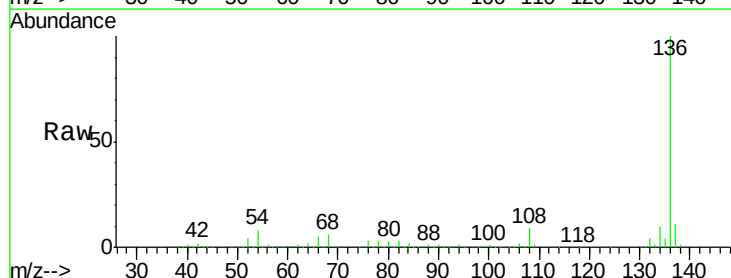
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.1 6.6 9.8

68 5.5 5.0 7.4

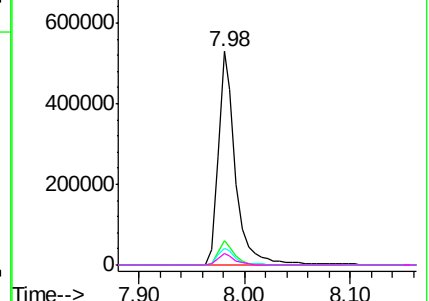
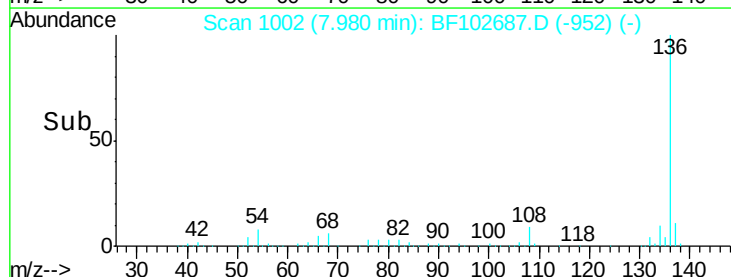


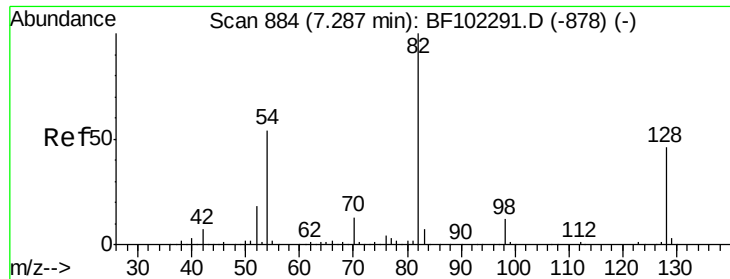
Abundance Ion 136.00 (135.70 to 136.70): E

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

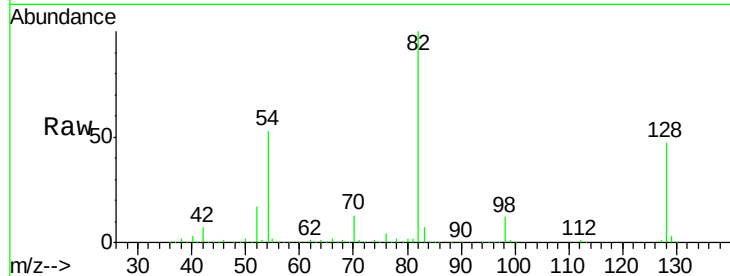




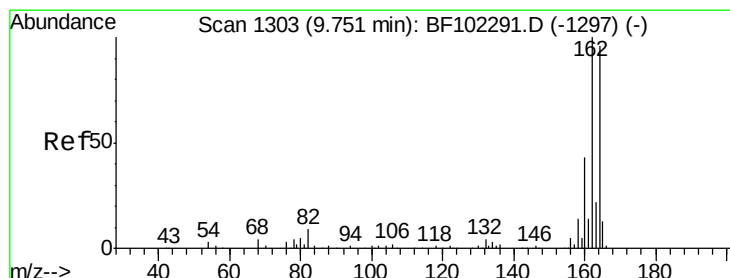
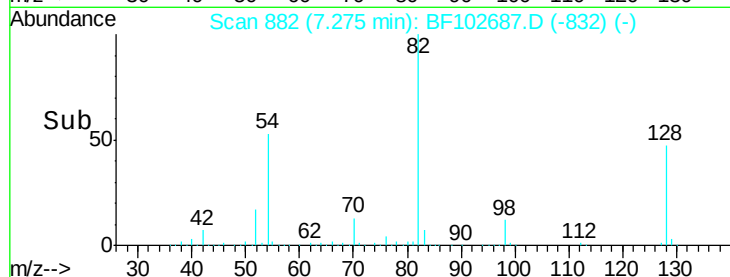
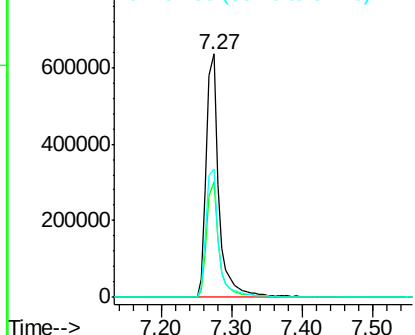
#23
 Nitrobenzene-d5
 Concen: 75.125 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF102687.D
 Acq: 1 Feb 2018 15:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-07(12-ST-LATERAL-LINE-E-OF-

Tot Ion: 82 Resp: 797054
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 52.7 41.4 62.2

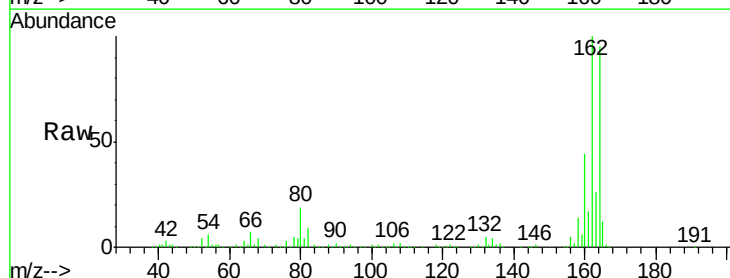


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

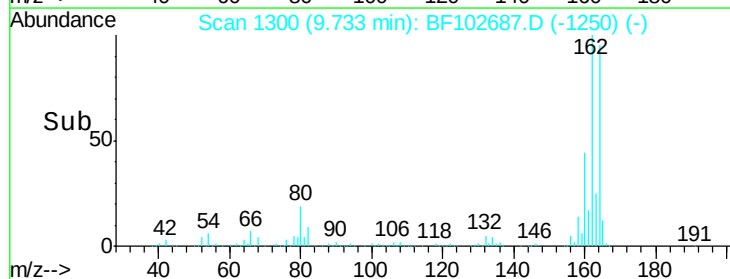
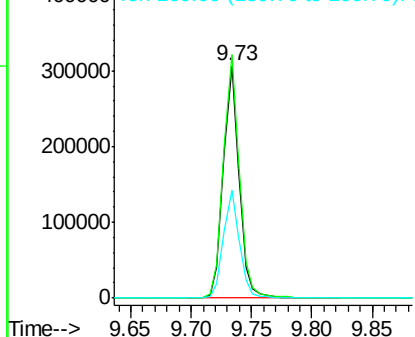


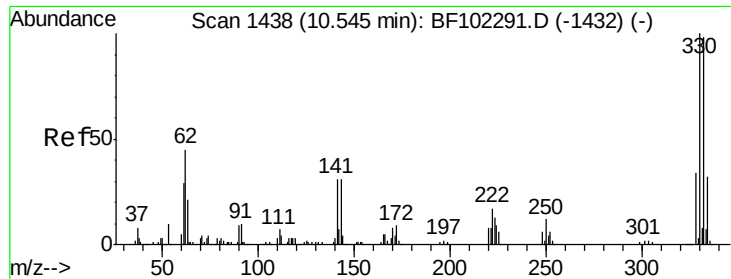
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF102687.D
 Acq: 1 Feb 2018 15:44

Tgt Ion:164 Resp: 278681
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 46.5 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

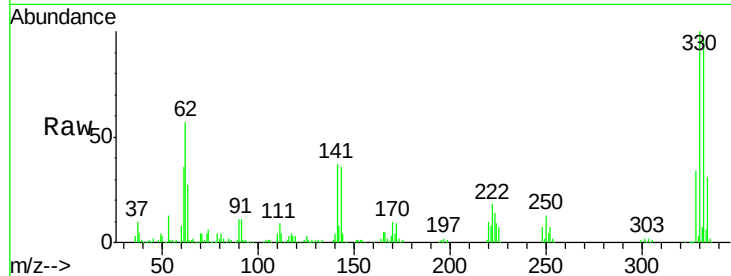




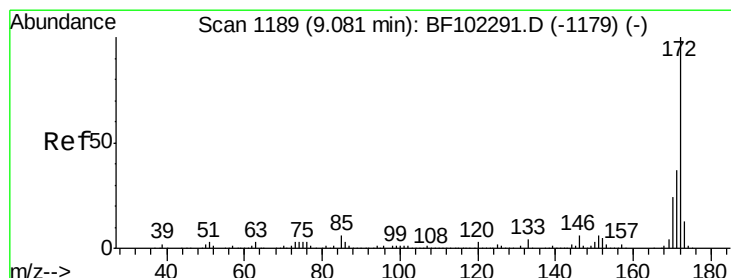
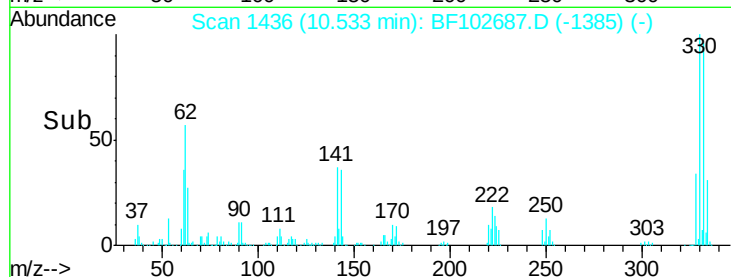
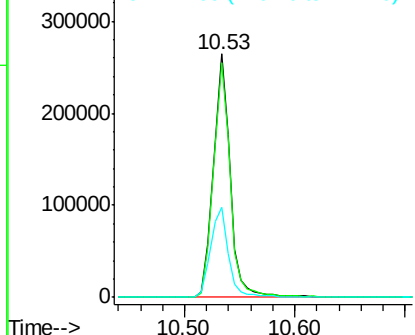
#41
 2,4,6-Tribromophenol
 Concen: 100.218 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF102687.D
 Acq: 1 Feb 2018 15:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-07(12-ST-LATERAL-LINE-E-OF-

Tot Ion:330 Resp: 276734
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 39.0 29.9 44.9

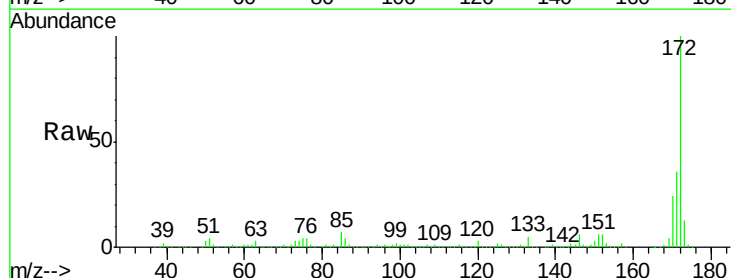


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

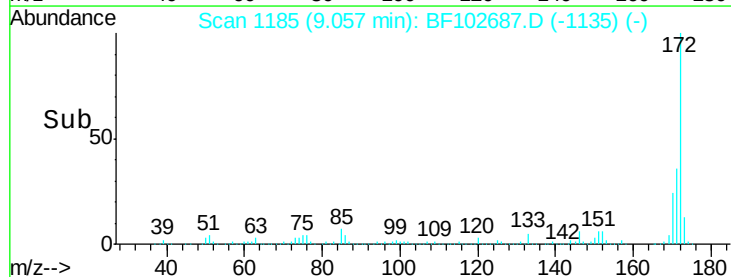
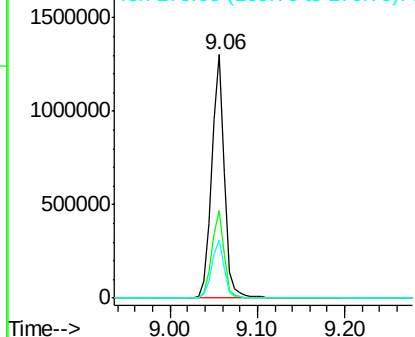


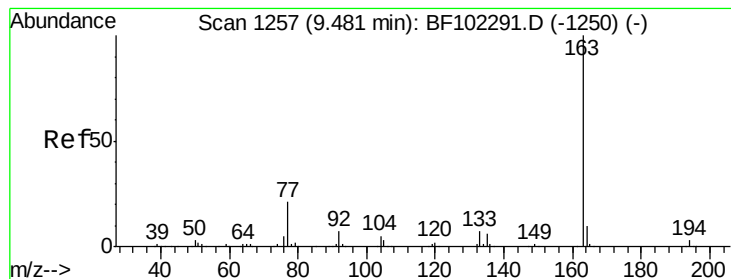
#44
 2-Fluorobiphenyl
 Concen: 69.299 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF102687.D
 Acq: 1 Feb 2018 15:44

Tgt Ion:172 Resp: 1313455
 Ion Ratio Lower Upper
 172 100
 171 36.1 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





#49

Dimethylphthalate

Concen: 4.025 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF102687.D

Acq: 1 Feb 2018 15:44

Instrument :

BNA_F

ClientSampleId :

TP-07(12-ST-LATERAL-LINE-E-OF-

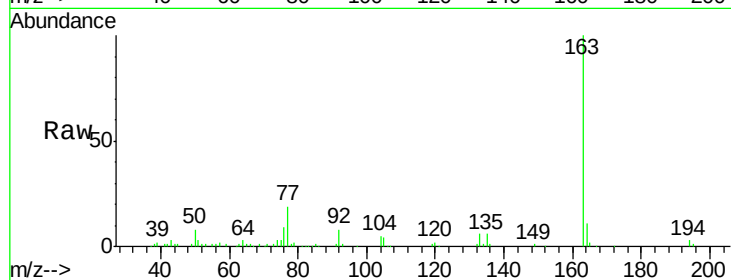
Tot Ion:163 Resp: 92716

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

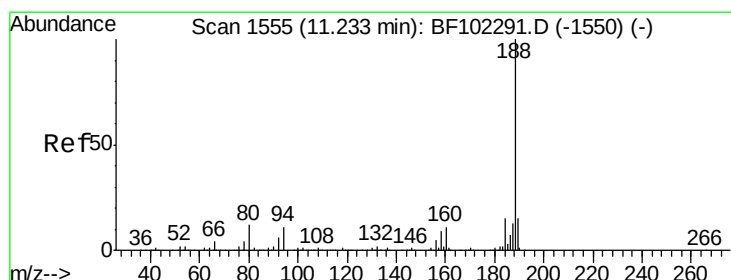
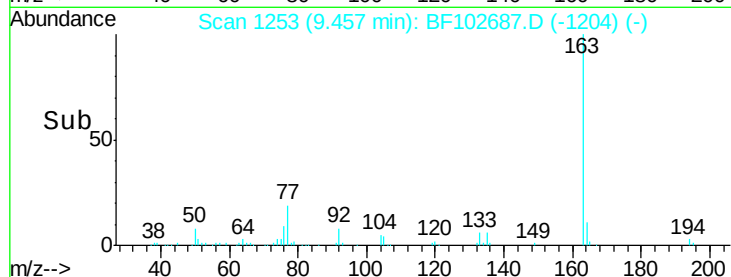
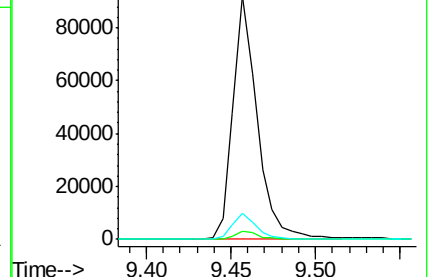
164 10.9 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF102687.D

Acq: 1 Feb 2018 15:44

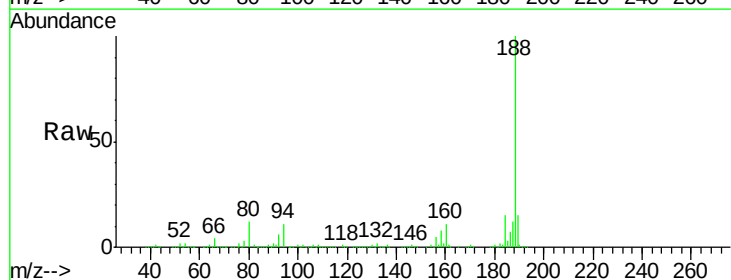
Tgt Ion:188 Resp: 501093

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

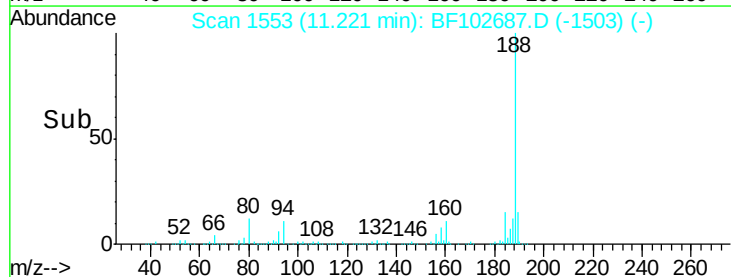
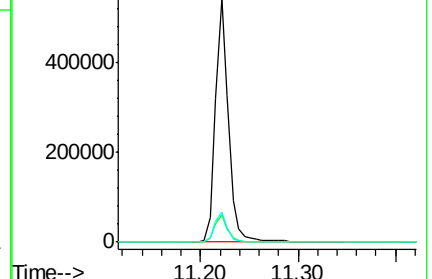
80 12.3 9.2 13.8

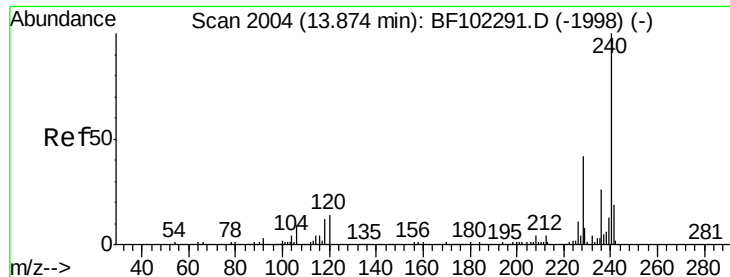


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102687.D

Acq: 1 Feb 2018 15:44

Instrument :

BNA_F

ClientSampleId :

TP-07(12-ST-LATERAL-LINE-E-OF-

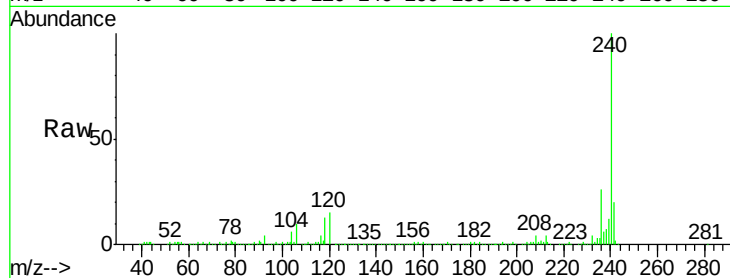
Tot Ion:240 Resp: 431744

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

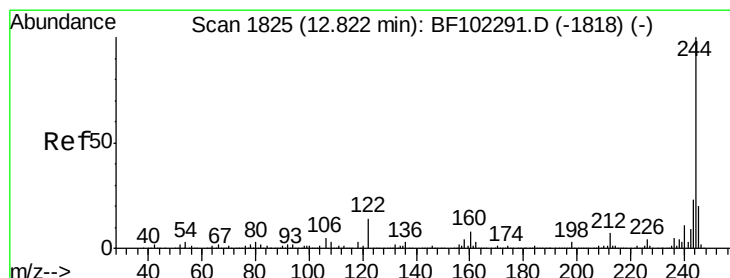
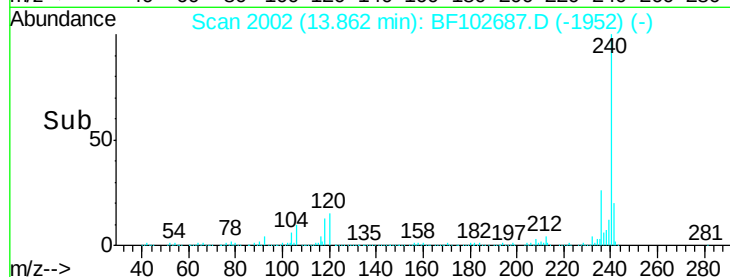
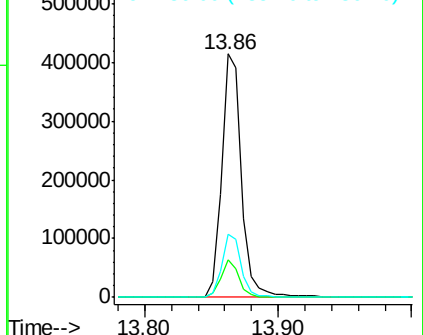
236 26.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 63.950 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF102687.D

Acq: 1 Feb 2018 15:44

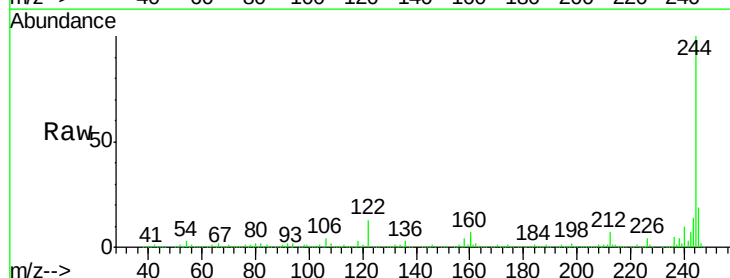
Tgt Ion:244 Resp: 1224733

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

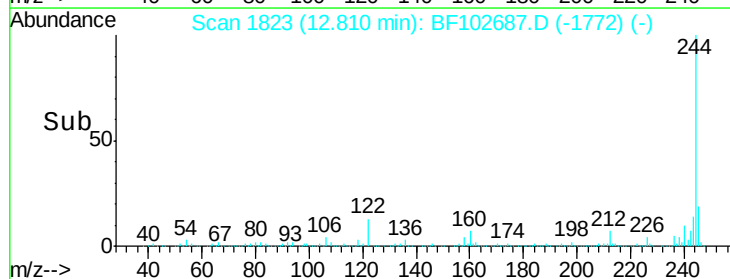
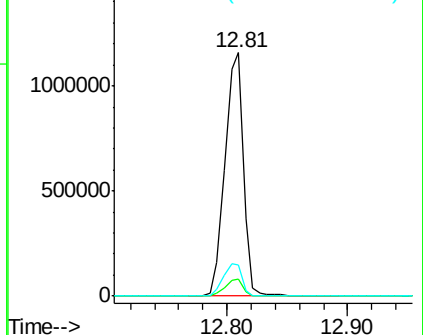
122 12.8 11.0 16.4

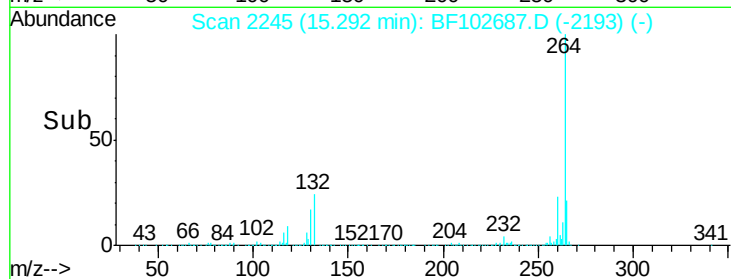
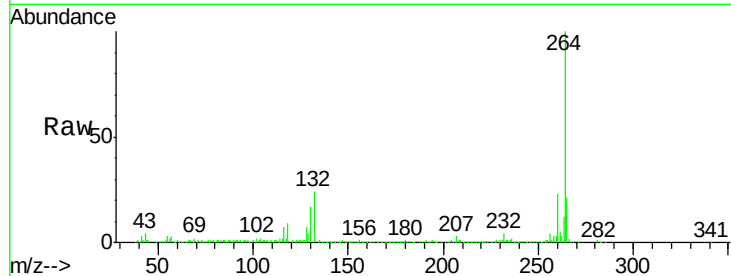
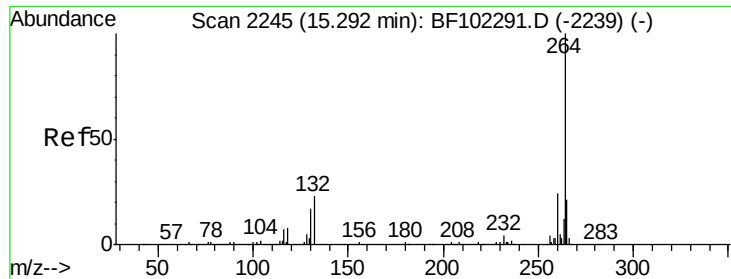


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102687.D
Acq: 1 Feb 2018 15:44

Instrument :
BNA_F
ClientSampleId :
TP-07(12-ST-LATERAL-LINE-E-OF-

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

