

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102810.D
 Acq On : 7 Feb 2018 12:53
 Operator : SJ/JU
 Sample : PB106327BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106327BL

Quant Time: Feb 08 02:21:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

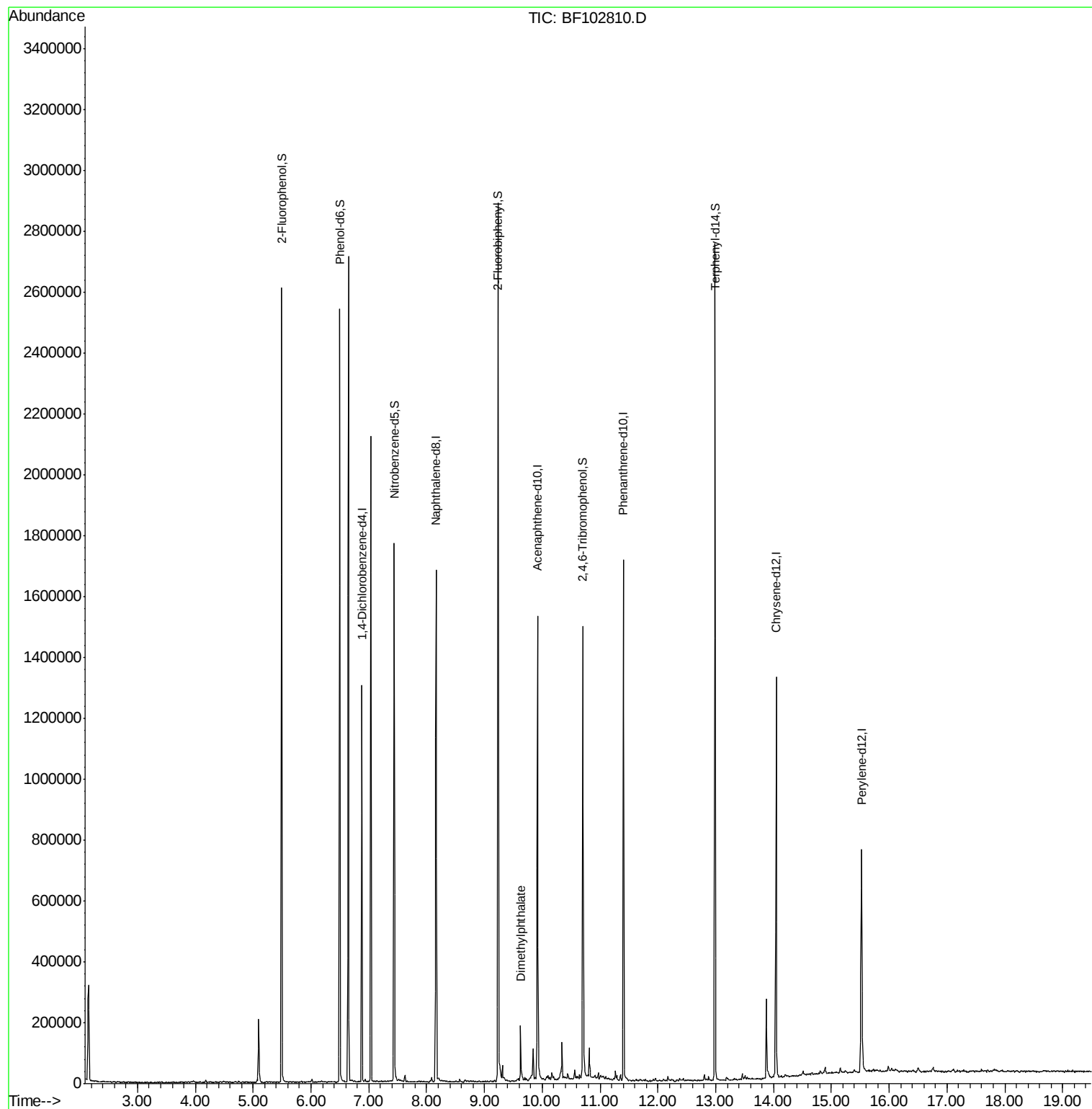
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	170727	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	711133	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	330056	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	586439	20.00	ng	0.00
75) Chrysene-d12	14.04	240	449887	20.00	ng	0.00
86) Perylene-d12	15.52	264	350316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	639580	56.89	ng	0.00
7) Phenol-d6	6.50	99	789566	58.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	493360	48.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	164564	61.95	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	925970	46.55	ng	-0.01
78) Terphenyl-d14	12.99	244	896417	47.18	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	69167	2.688	ng	100

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

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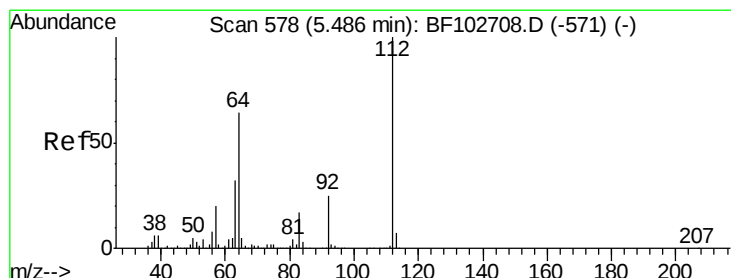
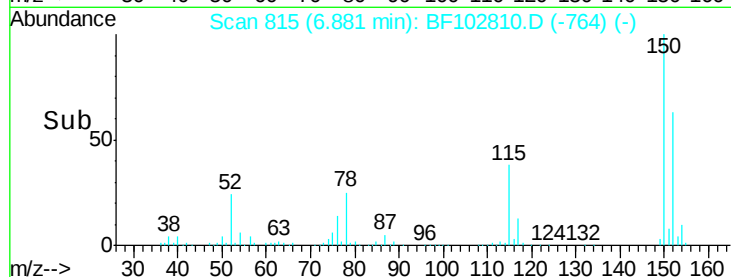
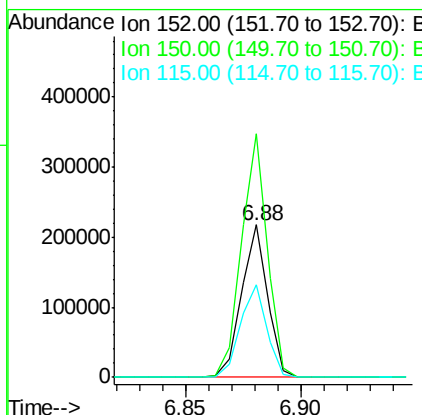
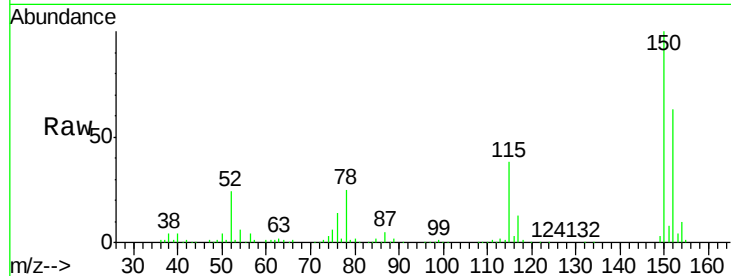


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102810.D
Acq: 7 Feb 2018 12:53

Instrument :
BNA_F
ClientSampleId :
PB106327BL

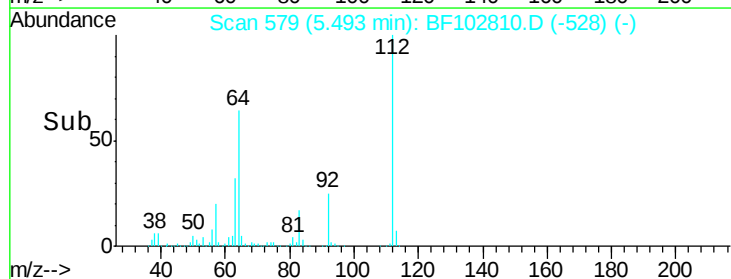
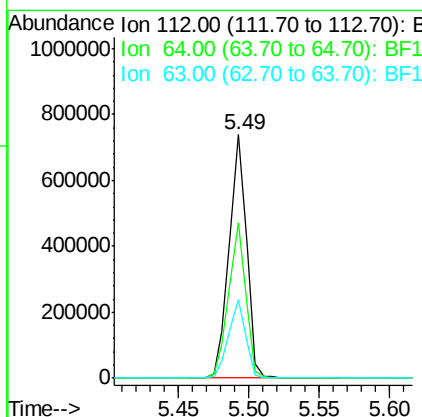
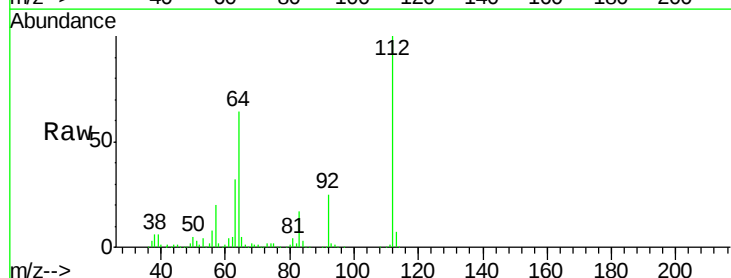
Tot Ion:152 Resp: 170727
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 60.4 50.1 75.1



#5

2-Fluorophenol
Concen: 56.893 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF102810.D
Acq: 7 Feb 2018 12:53

Tgt Ion:112 Resp: 639580
Ion Ratio Lower Upper
112 100
64 63.9 47.9 71.9
63 32.2 23.7 35.5





#7

Phenol-d6

Concen: 58.331 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102810.D

Acq: 7 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

PB106327BL

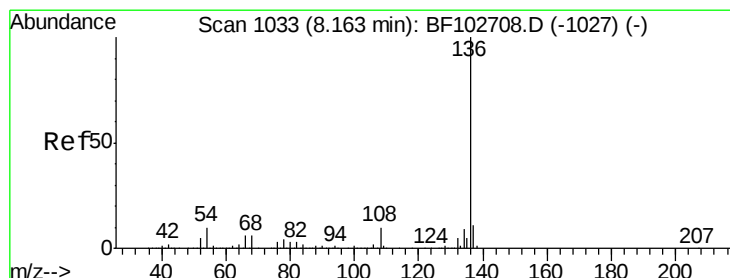
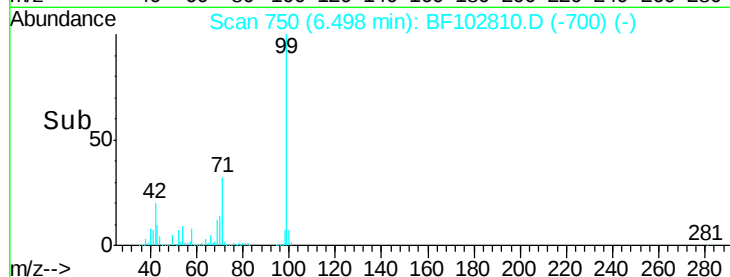
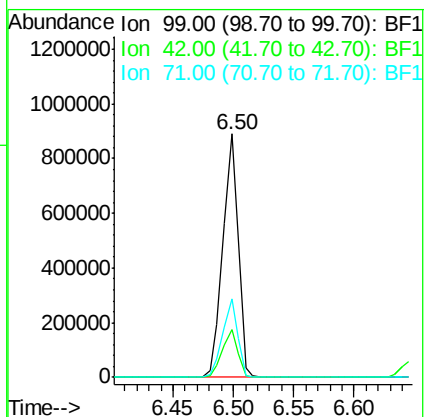
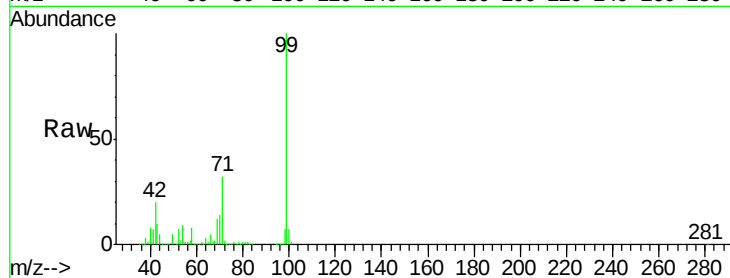
Tot Ion: 99 Resp: 789566

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 32.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102810.D

Acq: 7 Feb 2018 12:53

Tgt Ion: 136 Resp: 711133

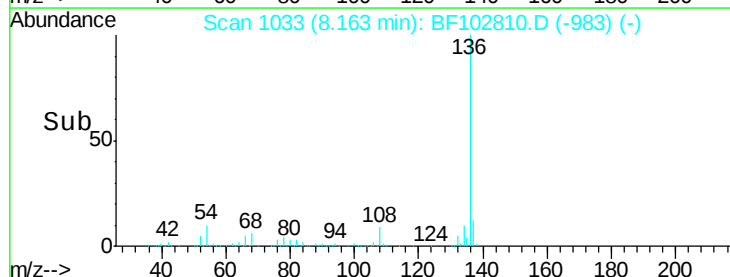
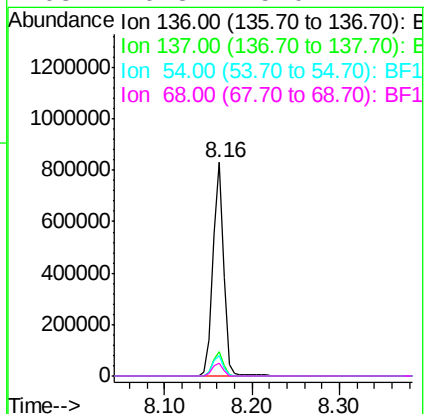
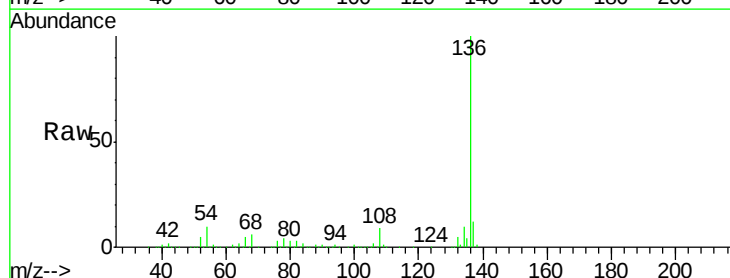
Ion Ratio Lower Upper

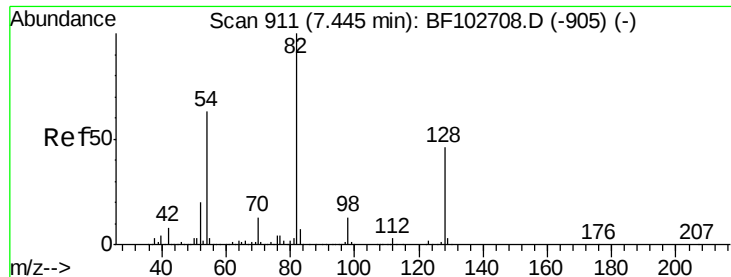
136 100

137 11.5 8.9 13.3

54 9.6 6.6 9.8

68 6.3 5.0 7.4

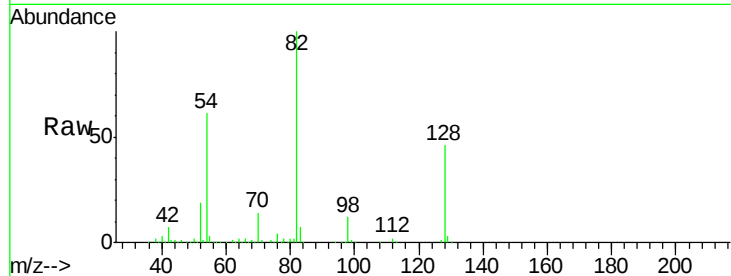




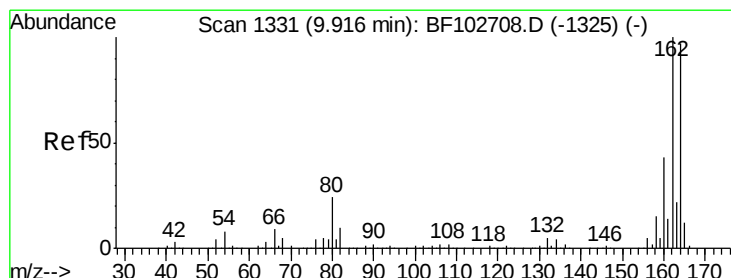
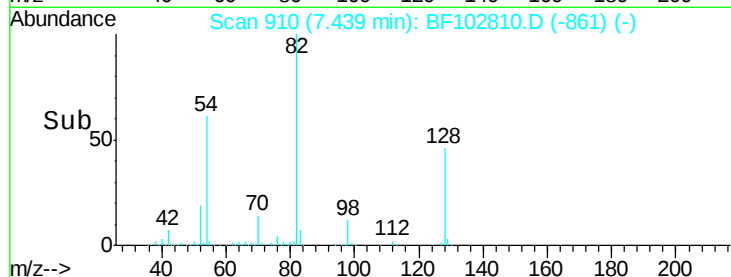
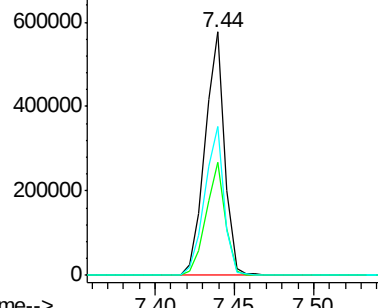
#23
Nitrobenzene-d5
Concen: 48.127 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102810.D
Acq: 7 Feb 2018 12:53

Instrument :
BNA_F
ClientSampleId :
PB106327BL

Tot Ion	82	Resp	493360
Ion Ratio	100	Lower	Upper
128	46.2	36.1	54.1
54	61.0	41.4	62.2

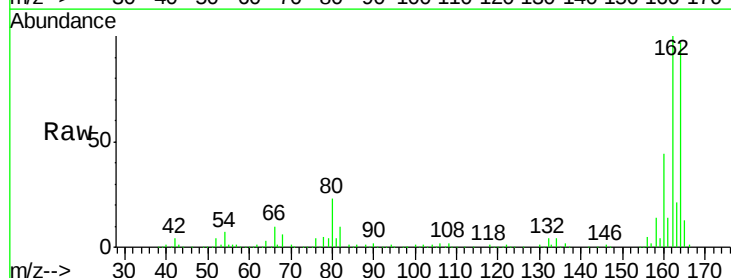


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

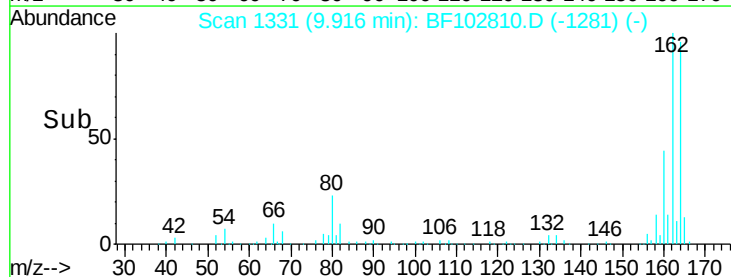
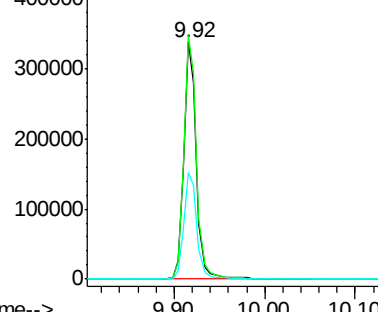


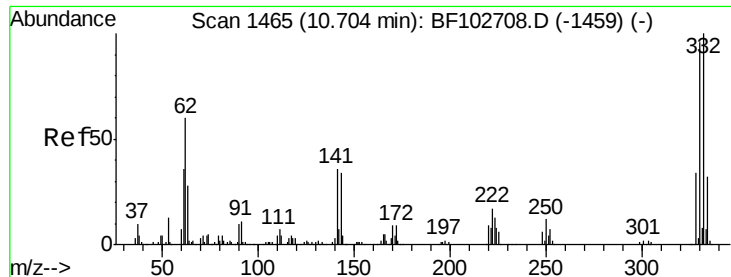
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102810.D
Acq: 7 Feb 2018 12:53

Tgt Ion	164	Resp	330056
Ion Ratio	100	Lower	Upper
162	102.7	86.1	129.1
160	44.9	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: 61.946 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF102810.D

Acq: 7 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

PB106327BL

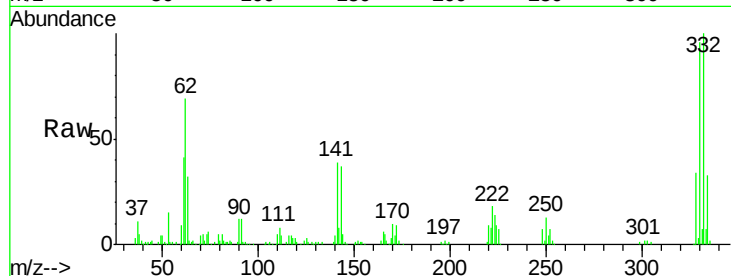
Tot Ion:330 Resp: 164564

Ion Ratio Lower Upper

330 100

332 105.8 77.0 115.6

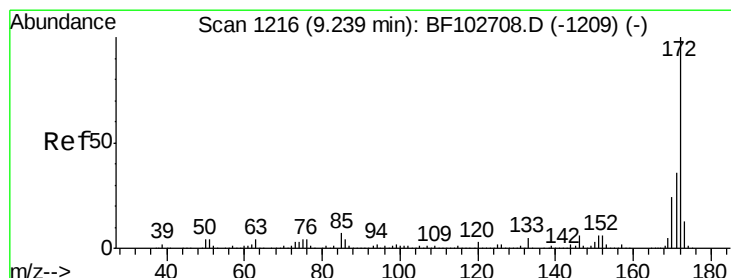
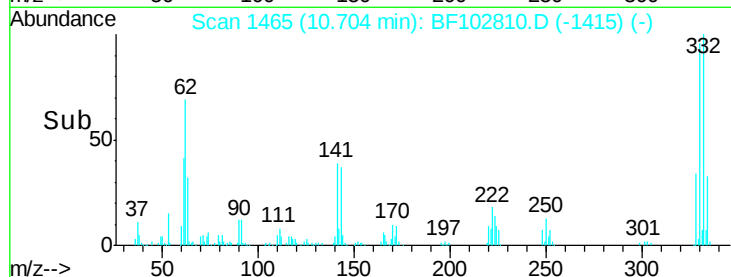
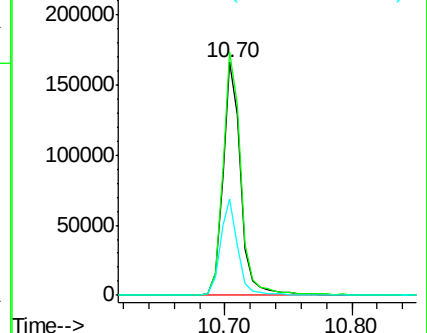
141 40.4 29.9 44.9



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: 46.553 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF102810.D

Acq: 7 Feb 2018 12:53

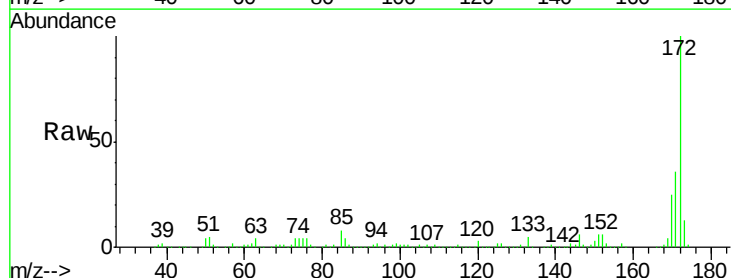
Tgt Ion:172 Resp: 925970

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

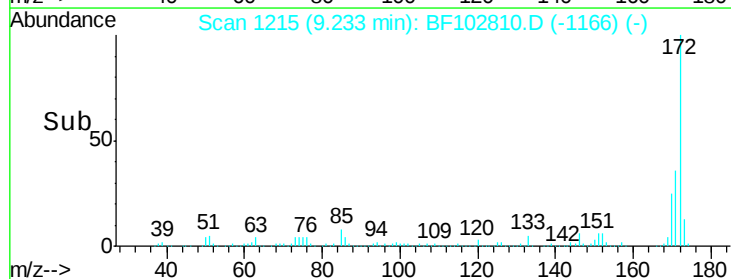
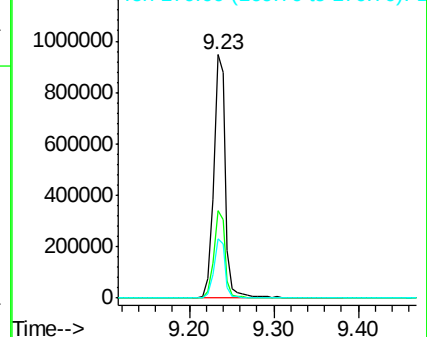
170 24.6 19.6 29.4

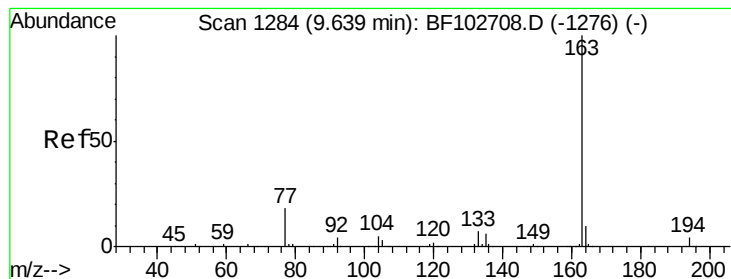


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.688 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102810.D

Acq: 7 Feb 2018 12:53

Instrument :

BNA_F

ClientSampleId :

PB106327BL

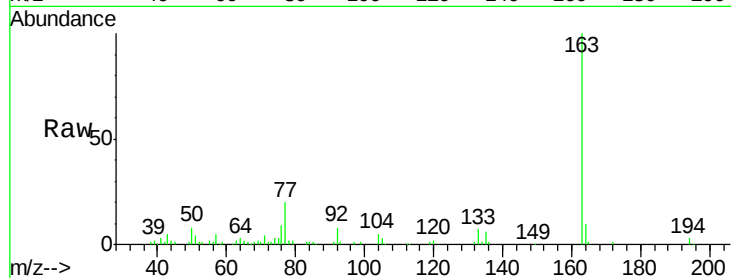
Tot Ion:163 Resp: 69167

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

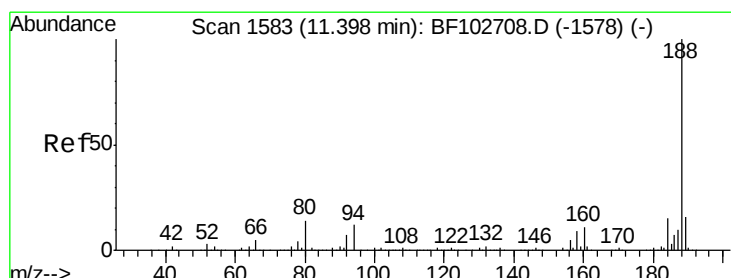
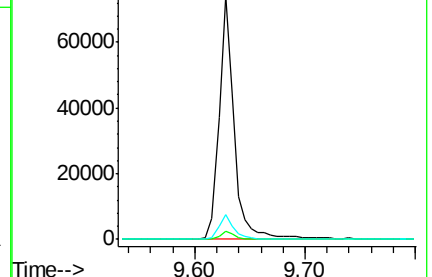
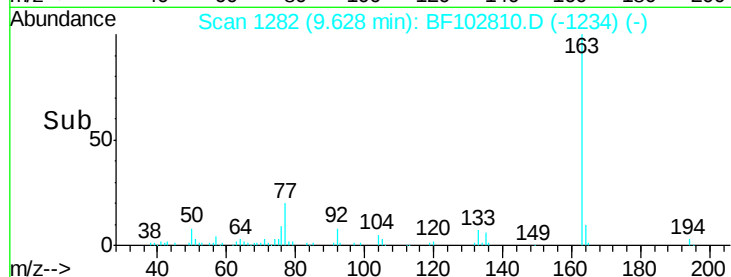
164 10.2 8.2 12.2



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF102810.D

Acq: 7 Feb 2018 12:53

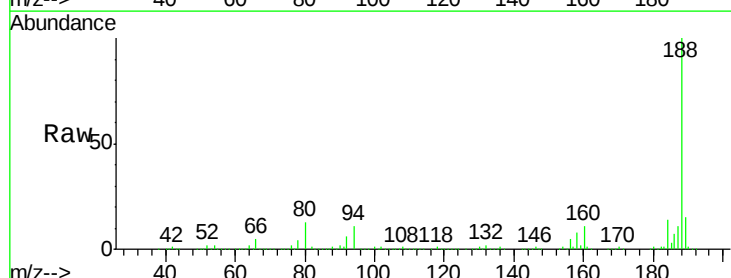
Tgt Ion:188 Resp: 586439

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

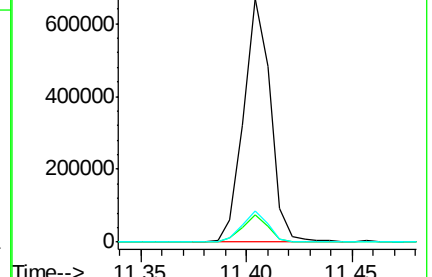
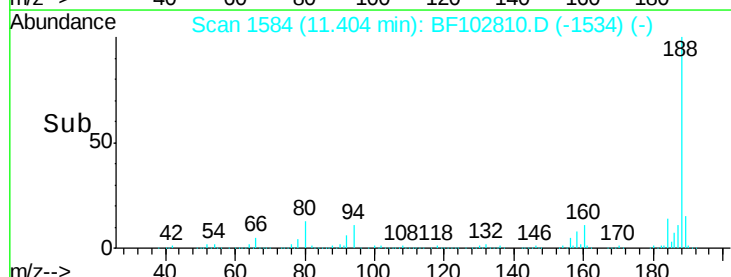
80 12.7 9.2 13.8

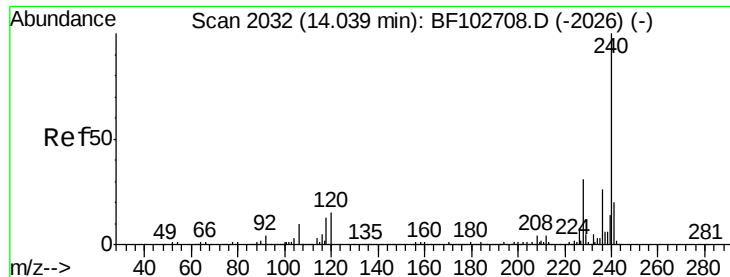


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF102810.D

Acq: 7 Feb 2018 12:53

Instrument :

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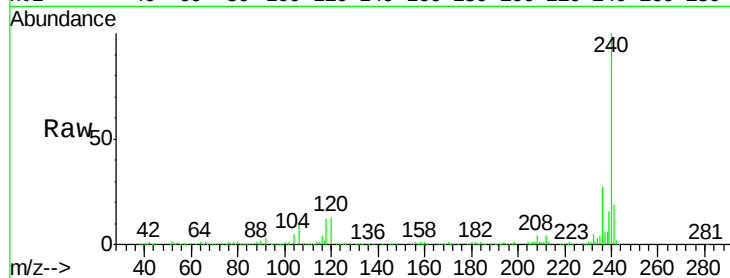
Tot Ion:240 Resp: 449887

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

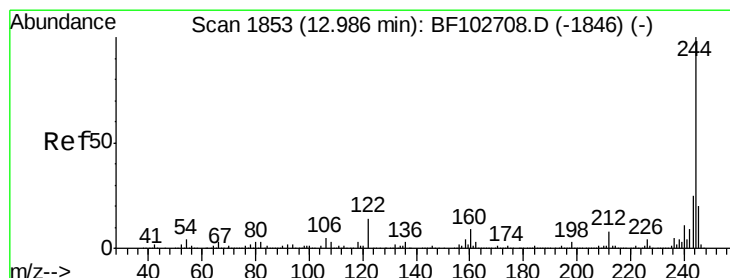
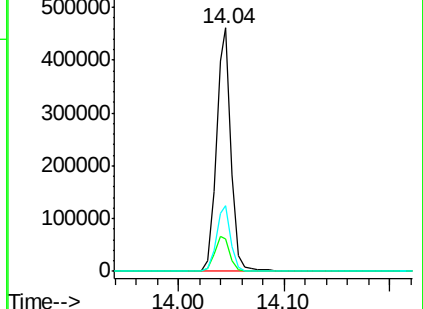
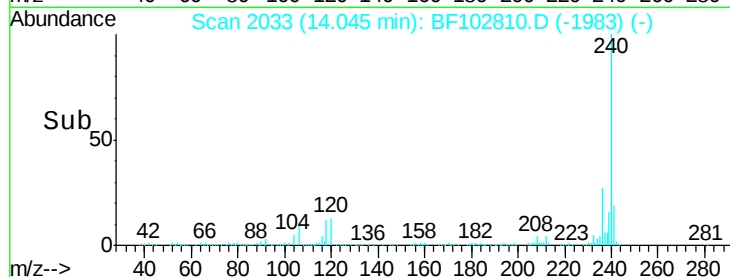
236 27.1 20.7 31.1



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: 47.179 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF102810.D

Acq: 7 Feb 2018 12:53

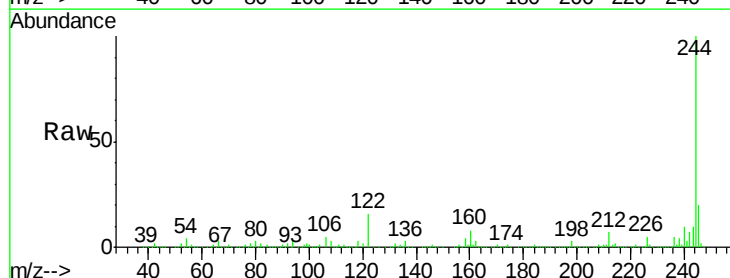
Tgt Ion:244 Resp: 896417

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

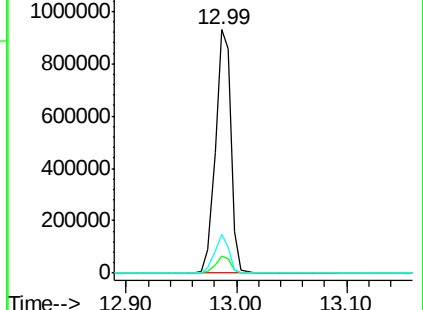
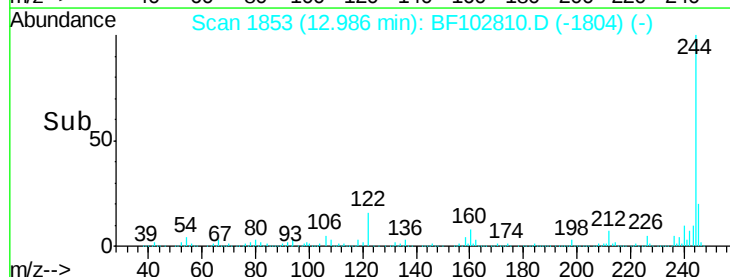
122 16.0 11.0 16.4

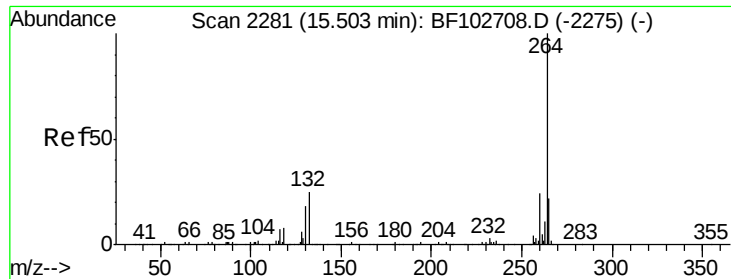


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102810.D
Acq: 7 Feb 2018 12:53

Instrument :
BNA_F
ClientSampleId :
PB106327BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.3	17.5	26.3

