

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103150.D
 Acq On : 21 Feb 2018 21:25
 Operator : SJ/JU
 Sample : PB106711BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106711BL

Quant Time: Feb 22 02:43:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149868	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	633248	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	265973	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	398184	20.00	ng	0.00
75) Chrysene-d12	14.04	240	269967	20.00	ng	-0.01
86) Perylene-d12	15.54	264	218323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1030211	104.40	ng	0.01
7) Phenol-d6	6.51	99	1223858	103.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	781586	85.62	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	206524	96.47	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1246351	77.76	ng	0.00
78) Terphenyl-d14	12.99	244	893213	78.34	ng	0.00

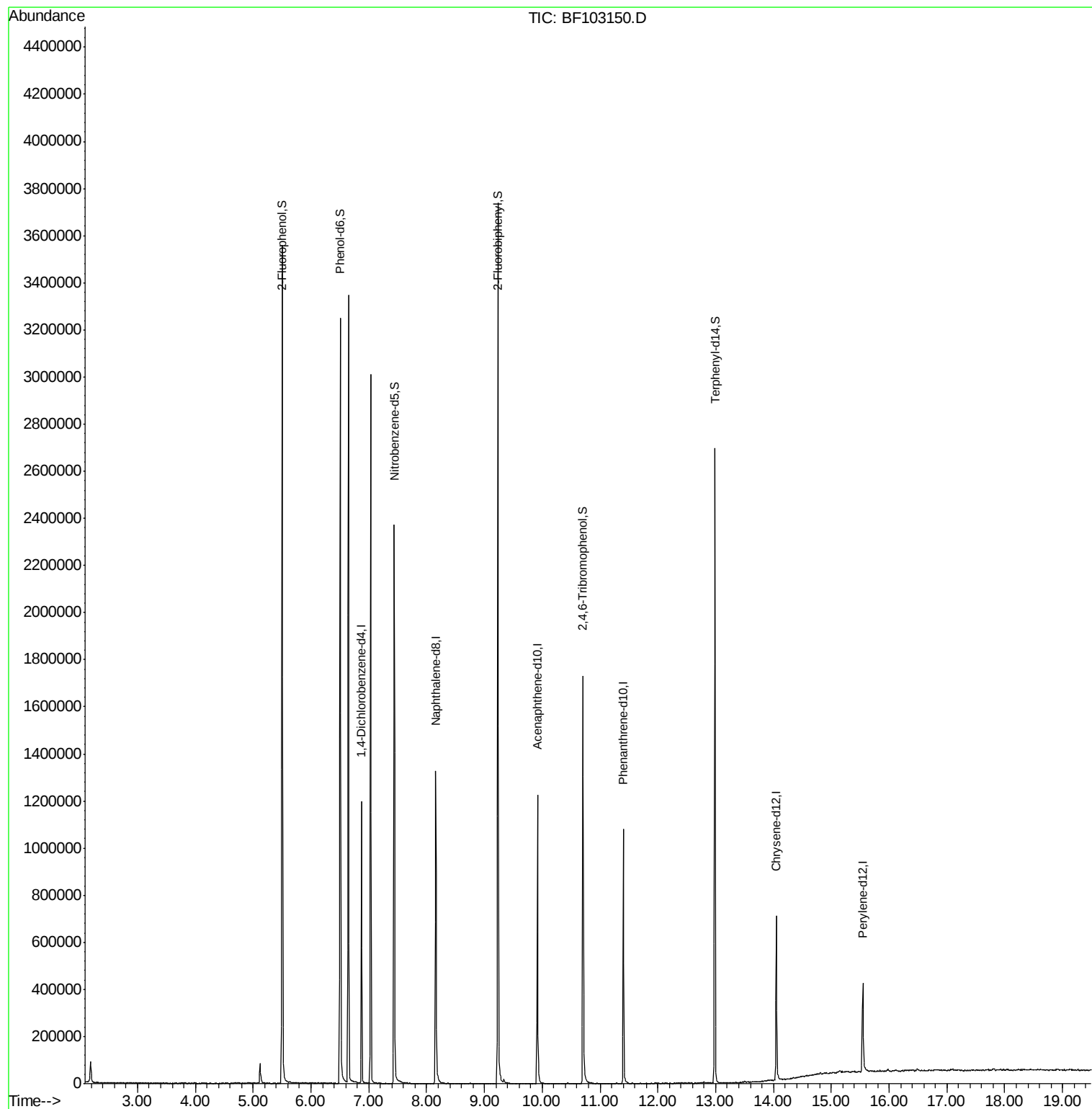
Target Compounds Qvalue

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

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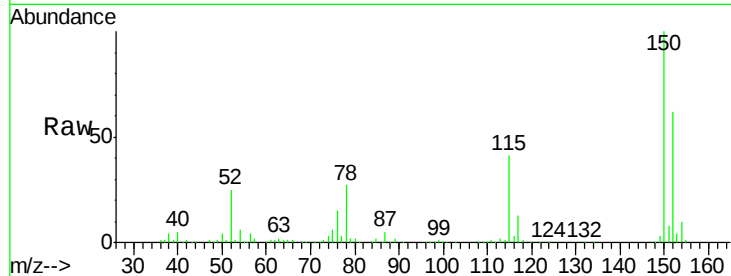


#1

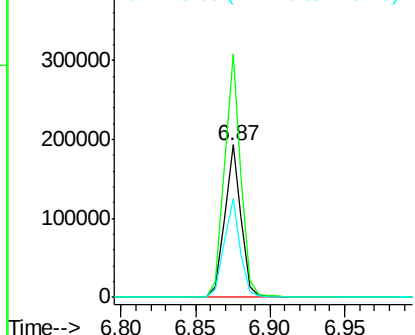
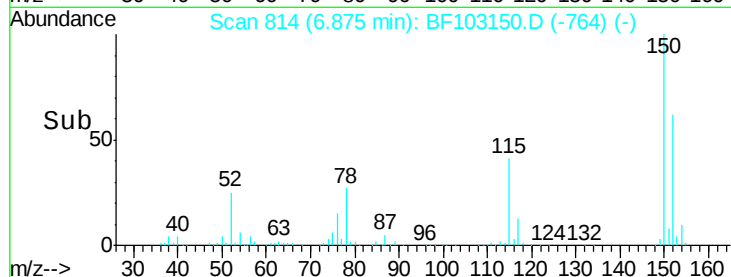
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103150.D
Acq: 21 Feb 2018 21:25

Instrument :
BNA_F
ClientSampleId :
PB106711BL

Tot Ion:152 Resp: 149868
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 64.8 50.1 75.1



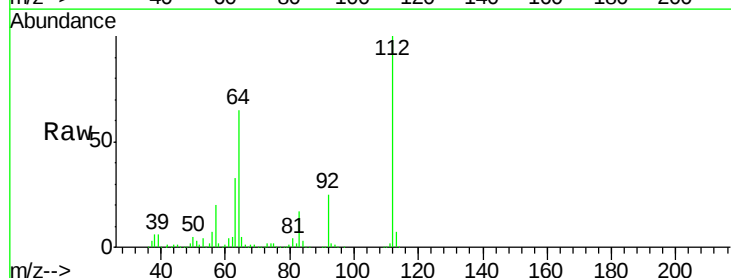
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



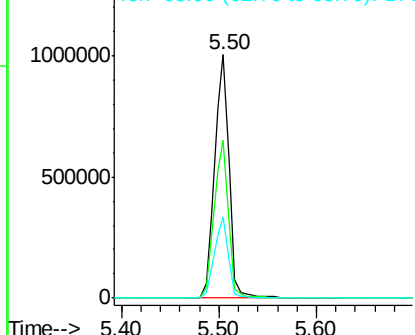
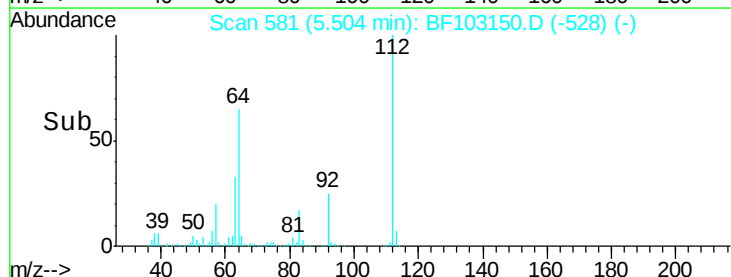
#5

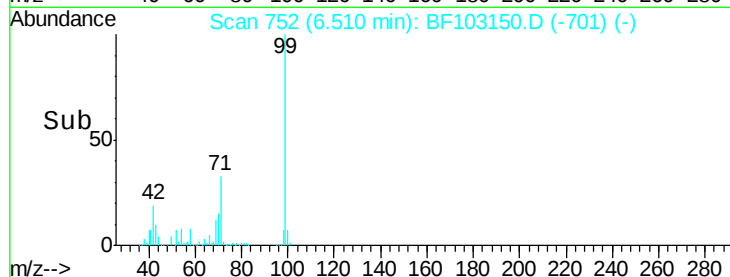
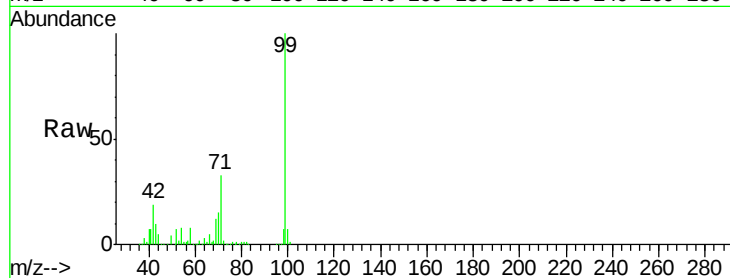
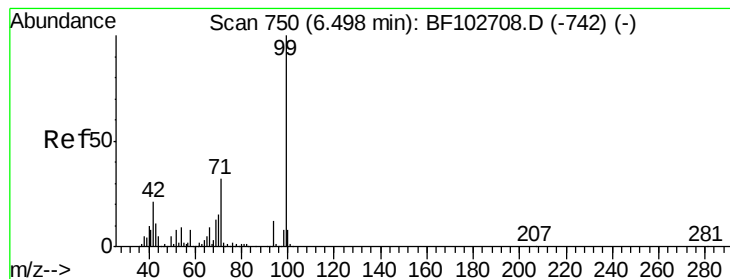
2-Fluorophenol
Concen: 104.395 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103150.D
Acq: 21 Feb 2018 21:25

Tgt Ion:112 Resp: 1030211
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 33.1 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: 102.999 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103150.D

Acq: 21 Feb 2018 21:25

Instrument :

BNA_F

ClientSampleId :

PB106711BL

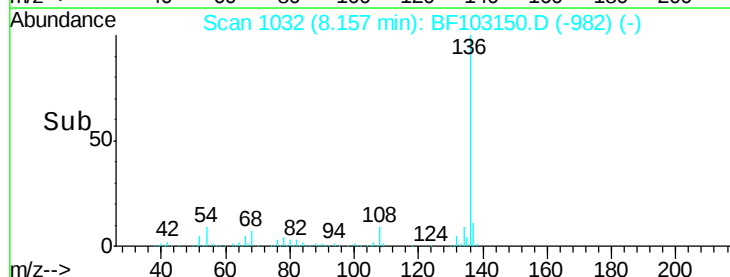
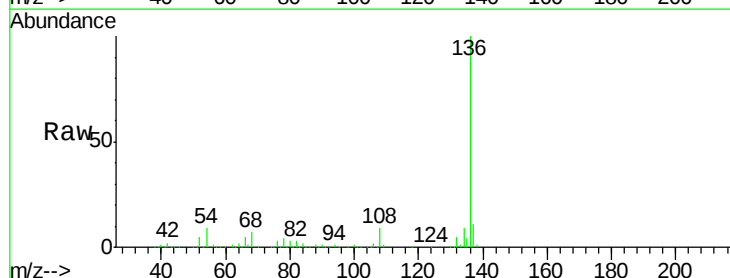
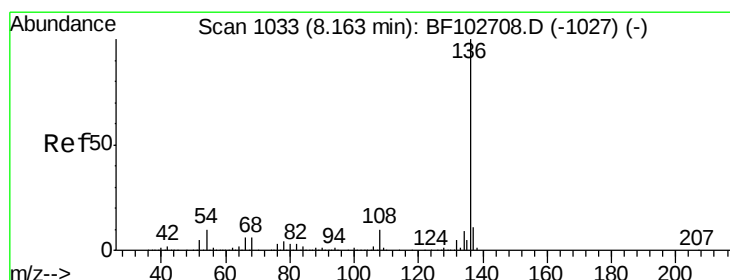
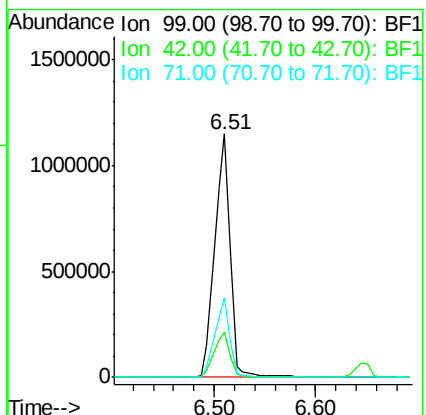
Tot Ion: 99 Resp: 1223858

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103150.D

Acq: 21 Feb 2018 21:25

Tgt Ion: 136 Resp: 633248

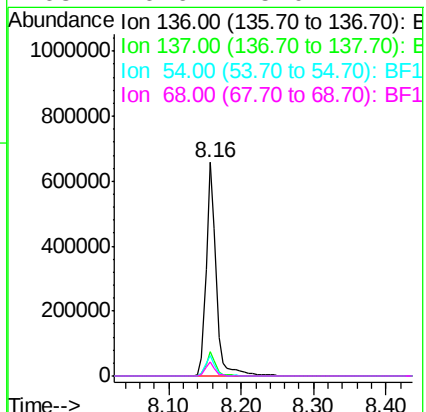
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.5 6.6 9.8

68 6.6 5.0 7.4

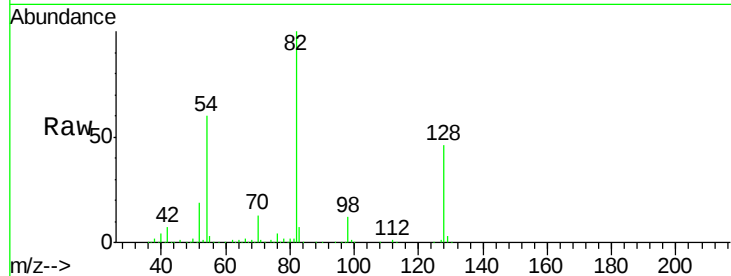




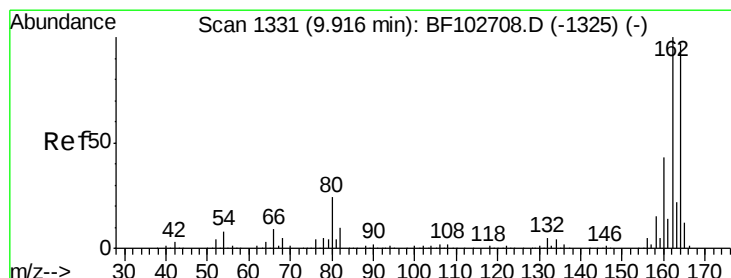
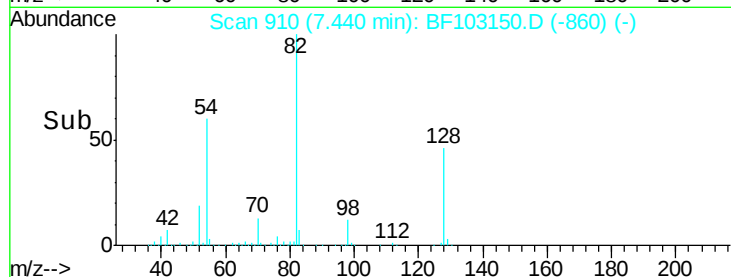
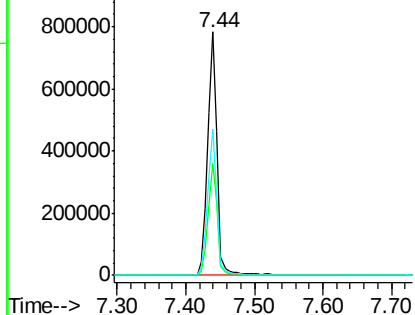
#23
Nitrobenzene-d5
Concen: 85.621 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103150.D
Acq: 21 Feb 2018 21:25

Instrument :
BNA_F
ClientSampleId :
PB106711BL

Tot Ion	82	Resp	781586
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.1	54.1
54	60.1	41.4	62.2

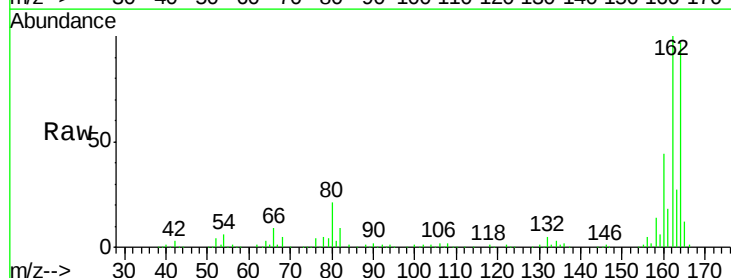


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

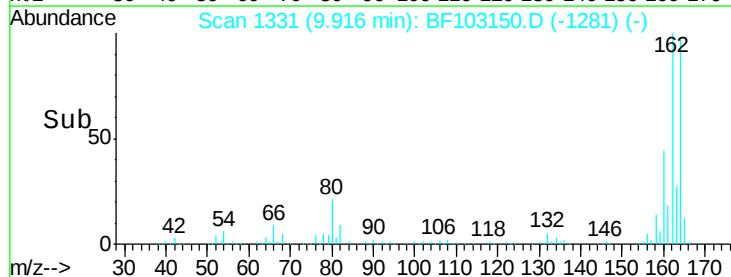
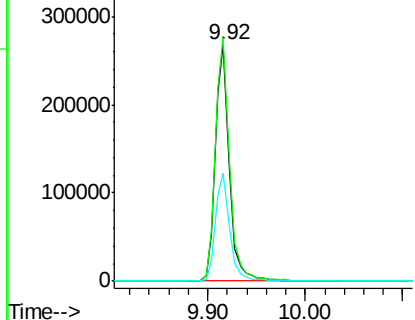


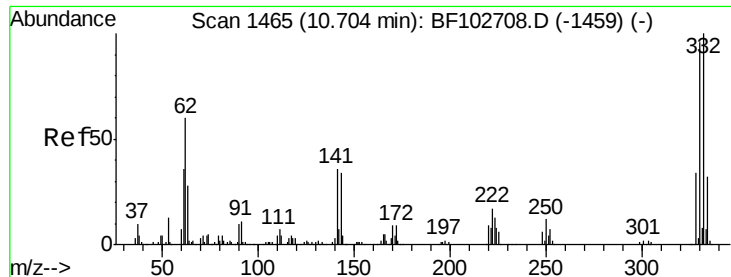
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103150.D
Acq: 21 Feb 2018 21:25

Tgt Ion	164	Resp	265973
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	45.5	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: 96.472 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF103150.D

Acq: 21 Feb 2018 21:25

Instrument :

BNA_F

ClientSampleId :

PB106711BL

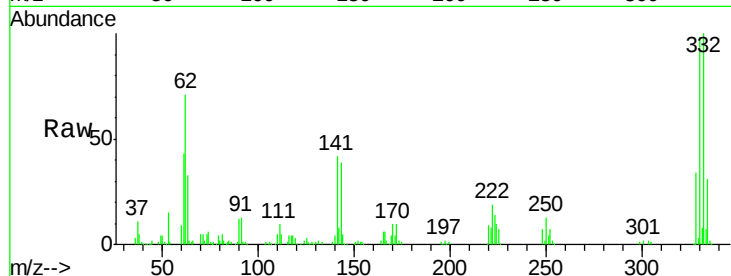
Tot Ion:330 Resp: 206524

Ion Ratio Lower Upper

330 100

332 103.3 77.0 115.6

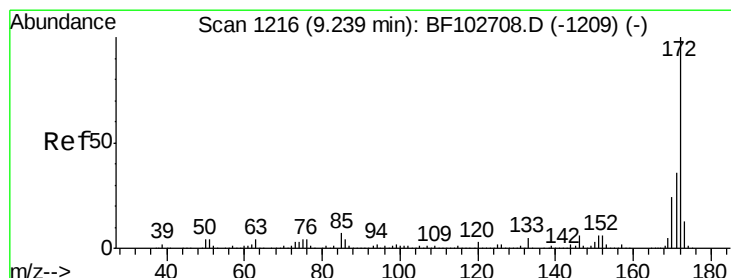
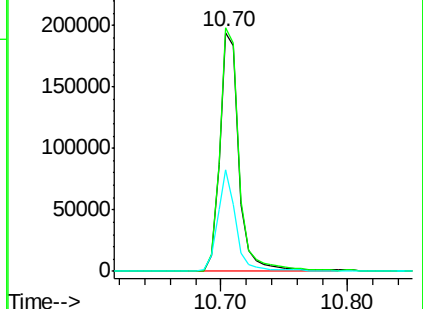
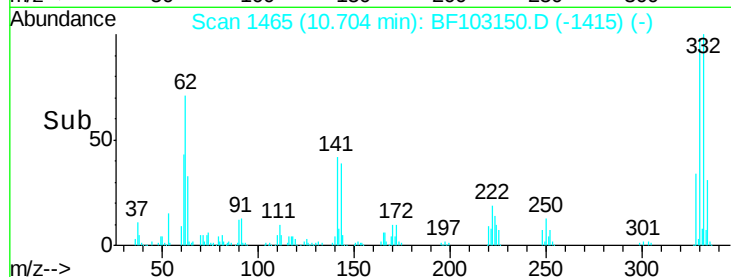
141 40.7 29.9 44.9



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: 77.757 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103150.D

Acq: 21 Feb 2018 21:25

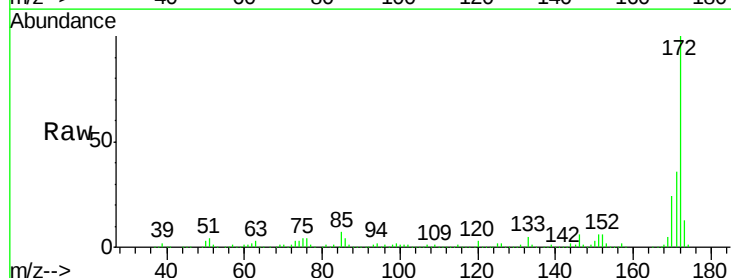
Tgt Ion:172 Resp: 1246351

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

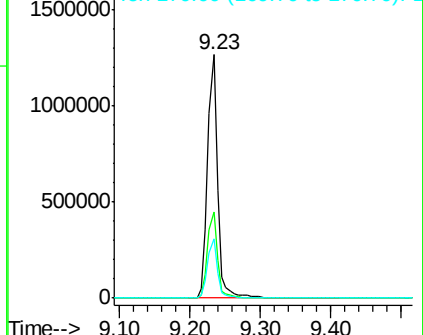
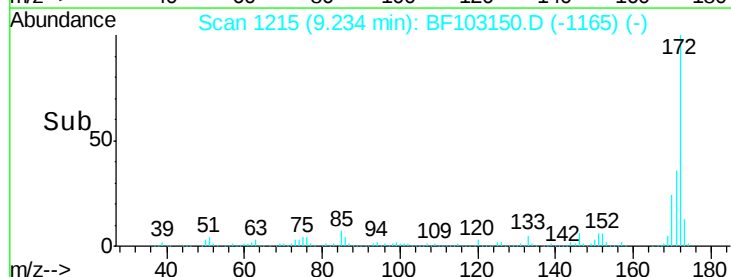
170 24.3 19.6 29.4

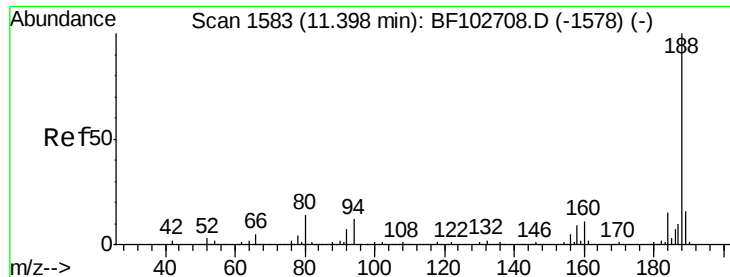


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

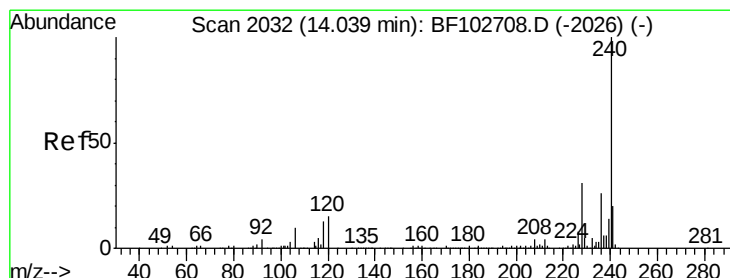
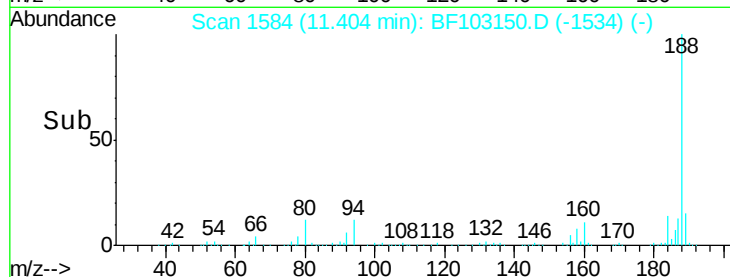
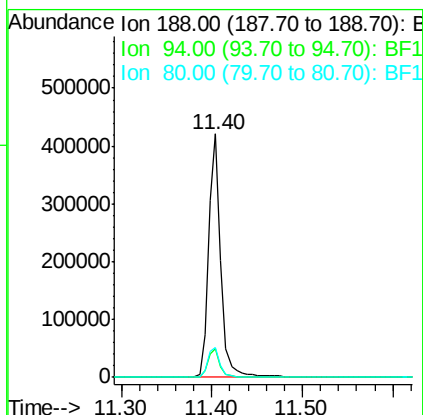
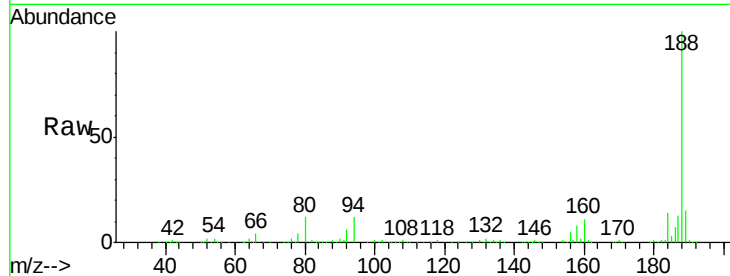




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103150.D
Acq: 21 Feb 2018 21:25

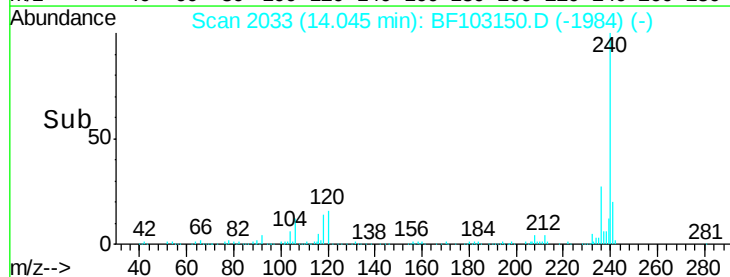
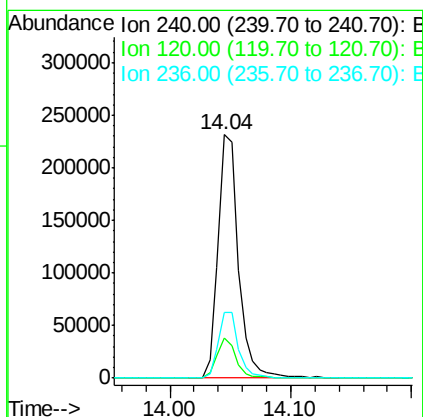
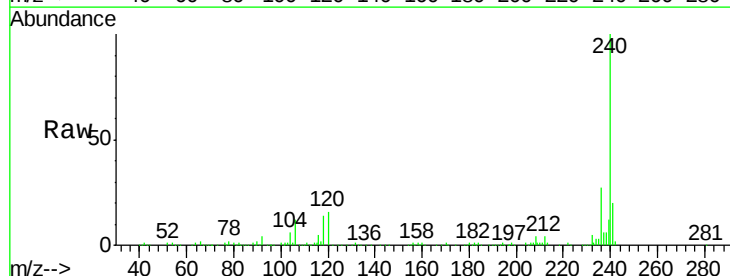
Instrument :
BNA_F
ClientSampled :
PB106711BL

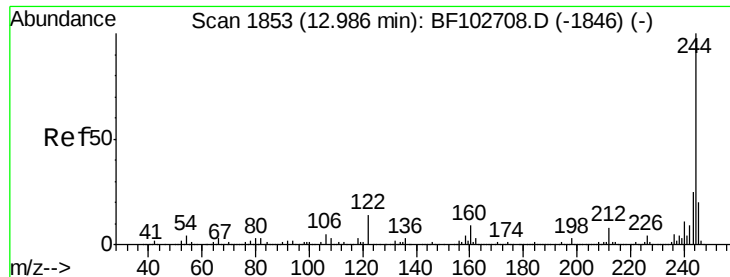
Tot Ion:188 Resp: 398184
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103150.D
Acq: 21 Feb 2018 21:25

Tgt Ion:240 Resp: 269967
Ion Ratio Lower Upper
240 100
120 16.3 9.5 14.3#
236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 78.340 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103150.D

Acq: 21 Feb 2018 21:25

Instrument :

BNA_F

ClientSampleId :

PB106711BL

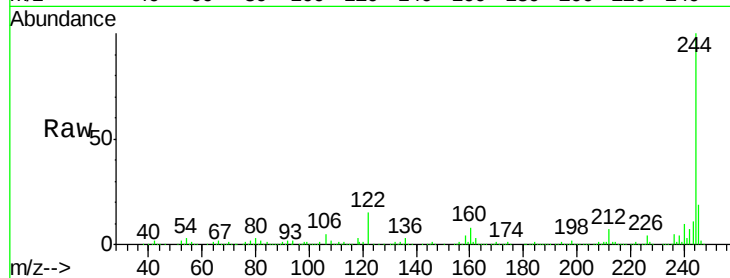
Tot Ion:244 Resp: 893213

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

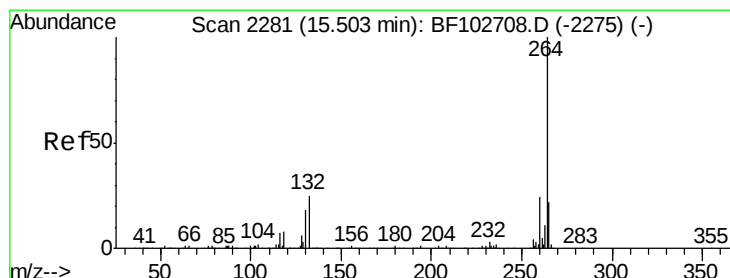
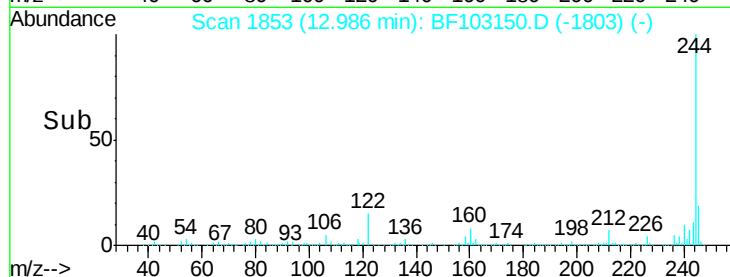
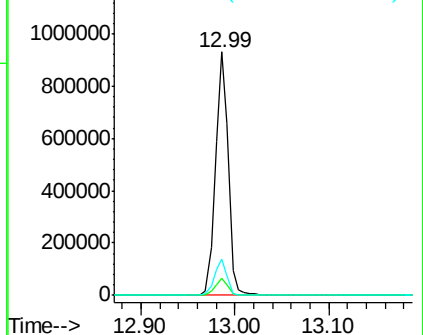
122 15.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF103150.D

Acq: 21 Feb 2018 21:25

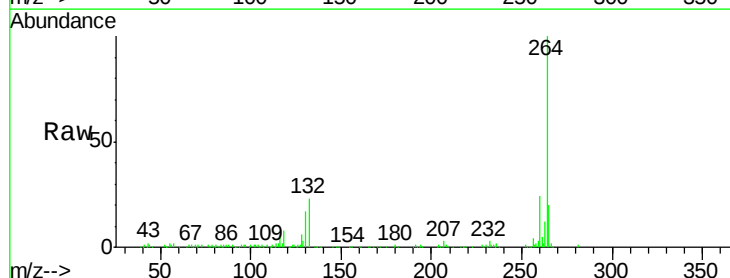
Tgt Ion:264 Resp: 218323

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.0 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

