

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF013018\
 Data File : BF102635.D
 Acq On : 30 Jan 2018 13:21
 Operator : SJ/JU
 Sample : PB106136TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

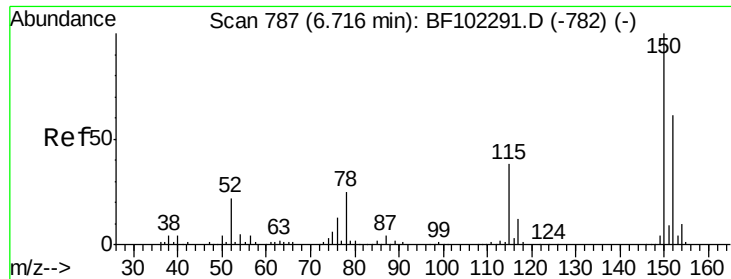
Instrument :
 BNA_F
 ClientSampleId :
 PB106136TB

Quant Time: Jan 30 22:46:03 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	138703	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	578447	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	267830	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	477197	20.00	ng	0.00
75) Chrysene-d12	13.87	240	412505	20.00	ng	0.00
86) Perylene-d12	15.30	264	341024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	975760	106.67	ng	0.01
7) Phenol-d6	6.36	99	1189822	107.89	ng	0.00
23) Nitrobenzene-d5	7.28	82	747445	74.26	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	250887	94.54	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1345123	73.85	ng	0.00
78) Terphenyl-d14	12.82	244	1287755	70.38	ng	0.00

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

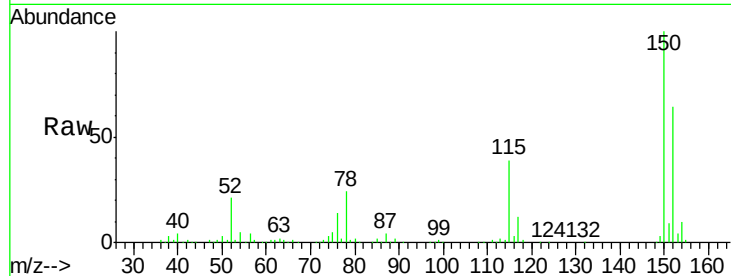


#1

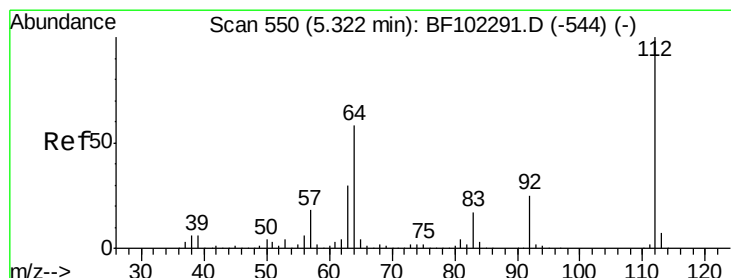
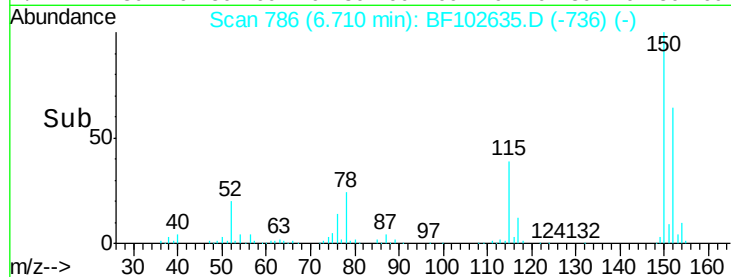
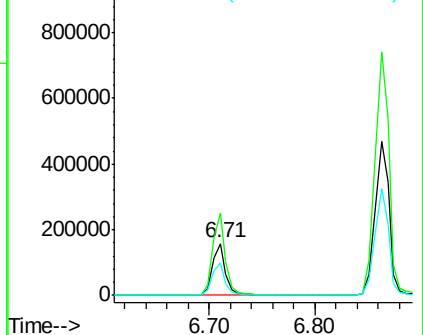
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102635.D
Acq: 30 Jan 2018 13:21

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ClientSampleId :
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Tgt Ion:152 Resp: 138703
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.5 50.1 75.1



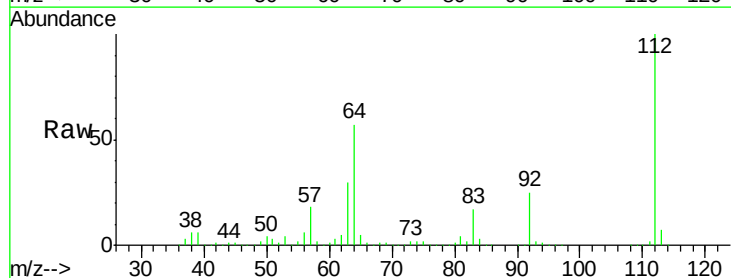
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



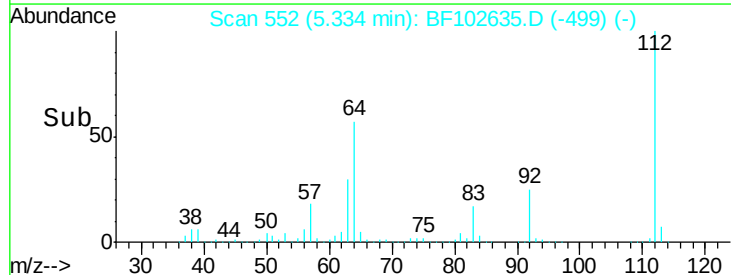
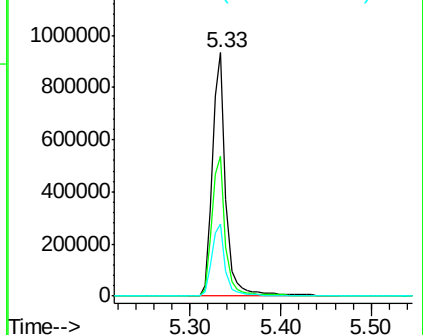
#5

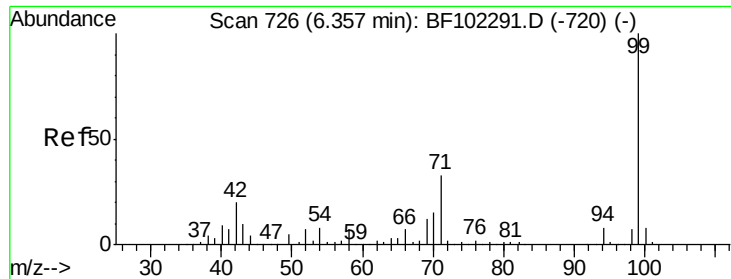
2-Fluorophenol
Concen: 106.667 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102635.D
Acq: 30 Jan 2018 13:21

Tgt Ion:112 Resp: 975760
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.8 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: 107.887 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

Instrument :

BNA_F

ClientSampleId :

PB106136TB

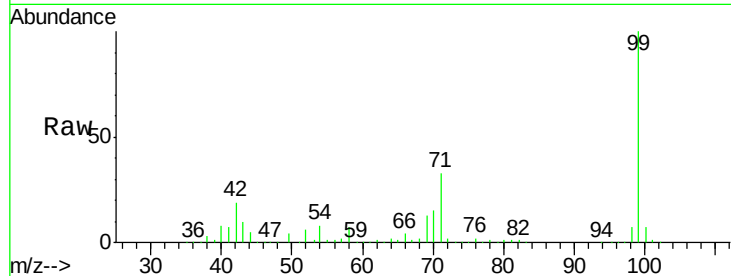
Tgt Ion: 99 Resp: 1189822

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

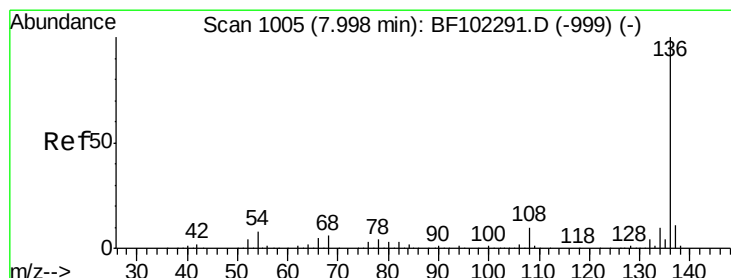
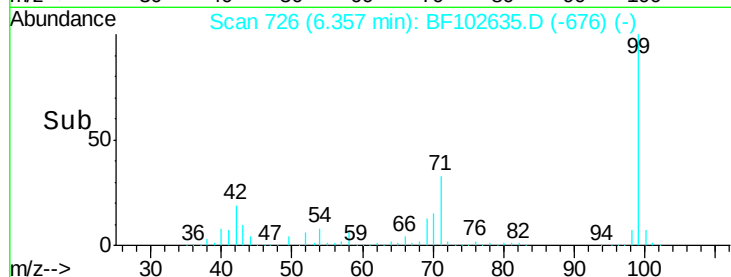
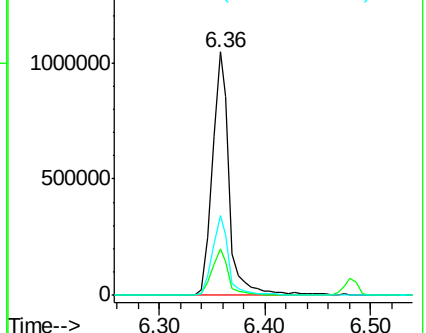
71 32.8 25.4 38.0



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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

Tgt Ion: 136 Resp: 578447

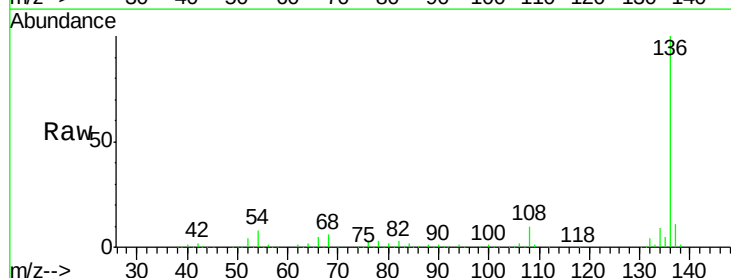
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 5.6 5.0 7.4

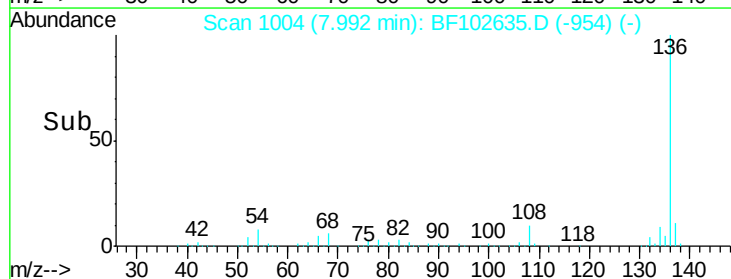
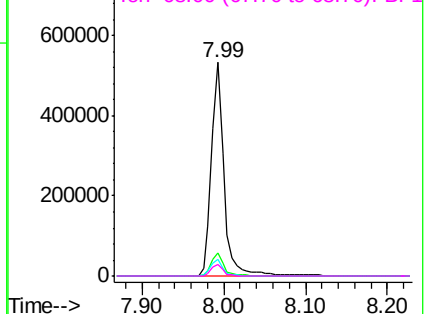


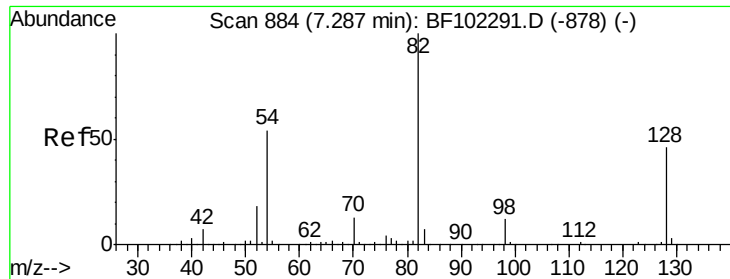
Abundance Ion 136.00 (135.70 to 136.70): E

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

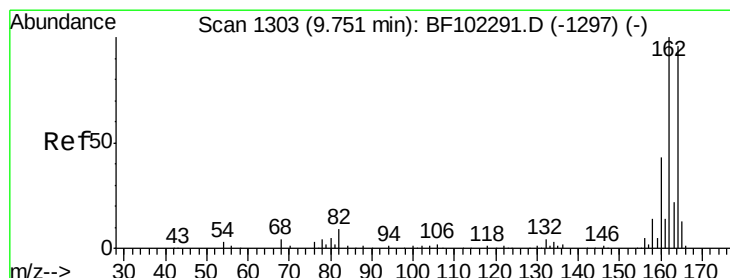
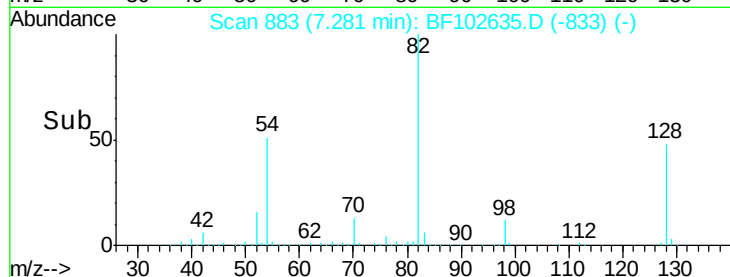
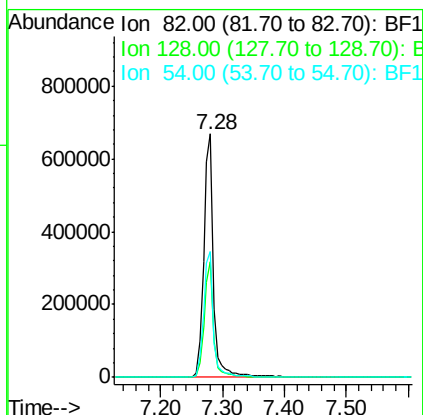
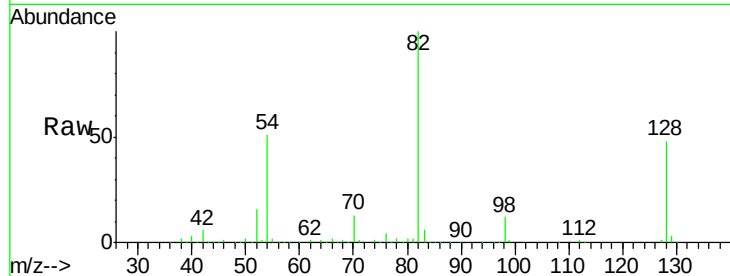




#23
 Nitrobenzene-d5
 Concen: 74.256 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

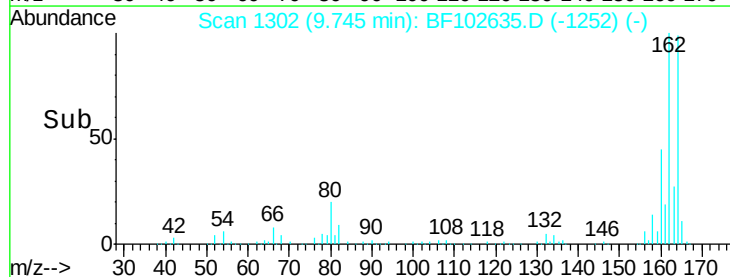
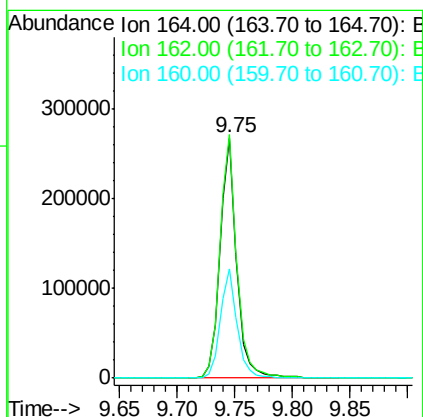
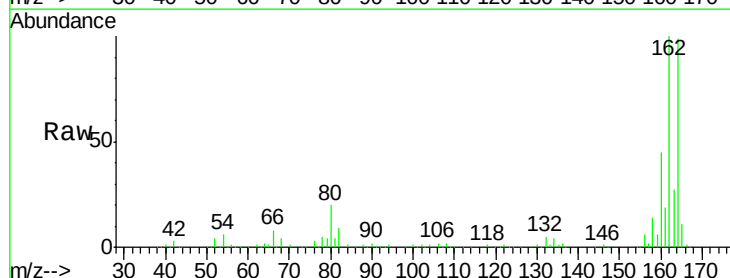
Instrument :
 BNA_F
 ClientSampleId :
 PB106136TB

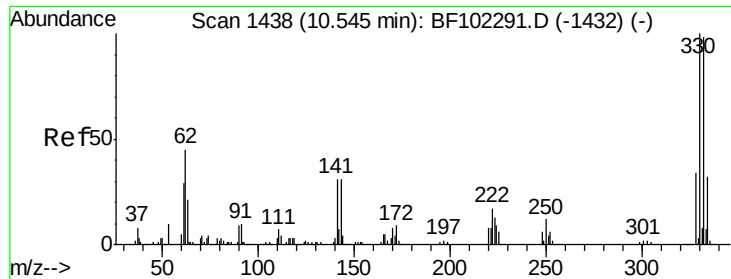
Tgt Ion: 82 Resp: 747445
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 51.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Tgt Ion: 164 Resp: 267830
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.4 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 94.538 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

Instrument :

BNA_F

ClientSampleId :

PB106136TB

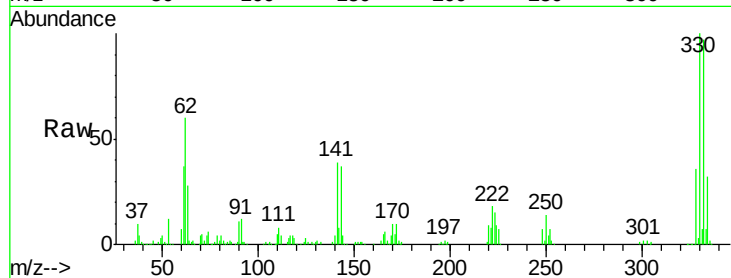
Tgt Ion:330 Resp: 250887

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

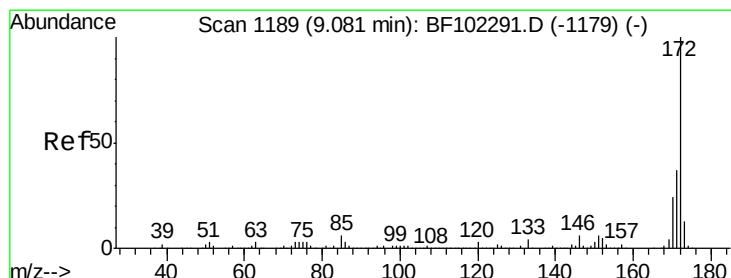
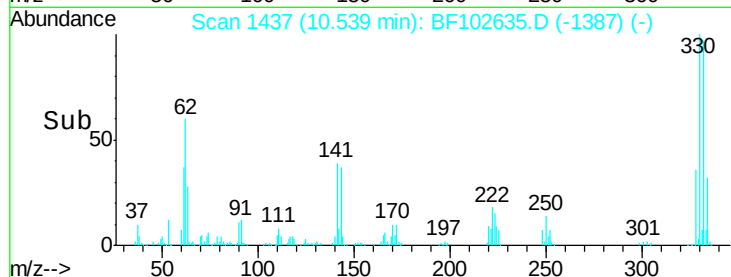
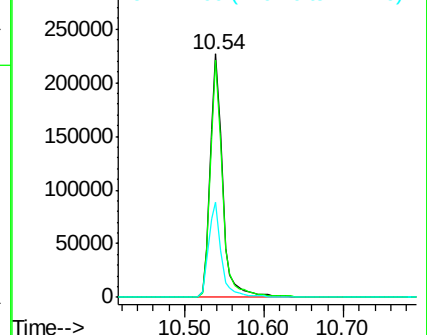
141 40.6 29.9 44.9



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: 73.846 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF102635.D

Acq: 30 Jan 2018 13:21

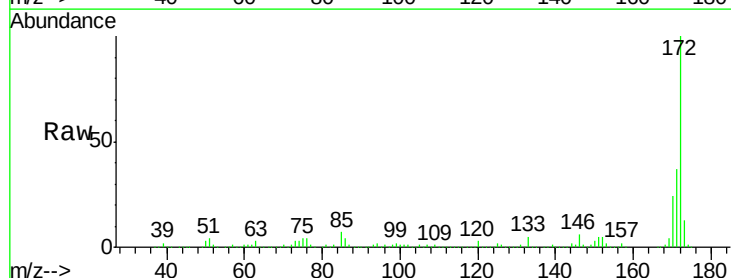
Tgt Ion:172 Resp: 1345123

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

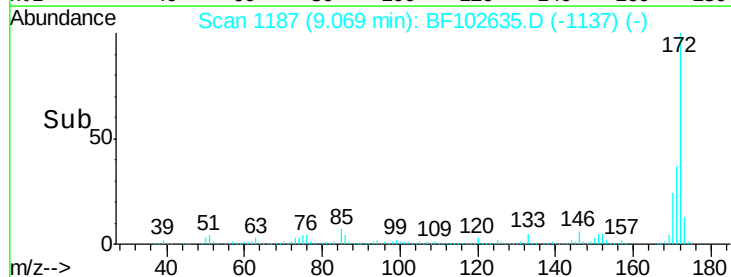
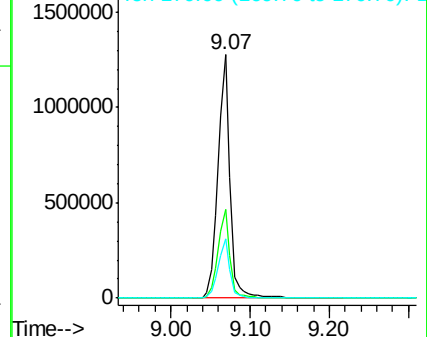
170 24.3 19.6 29.4

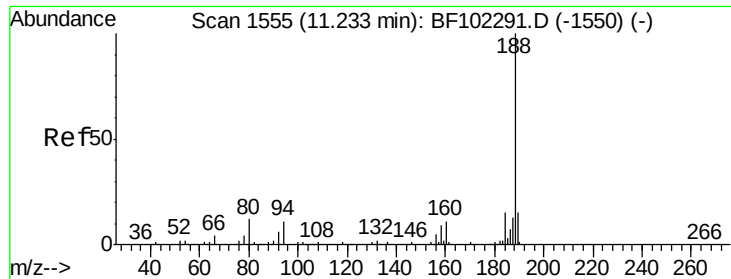


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

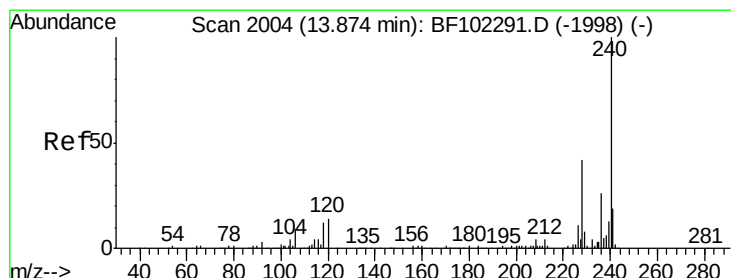
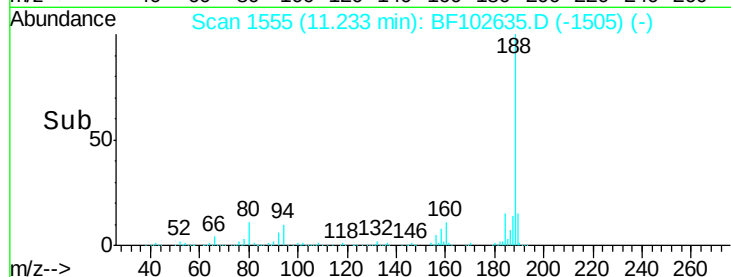
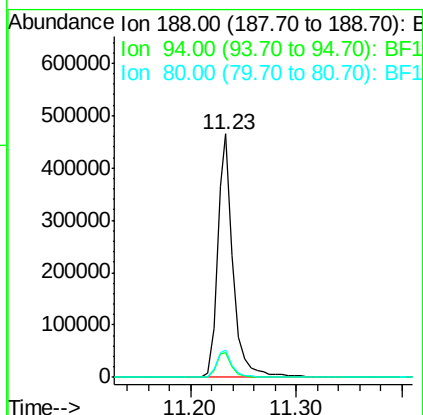
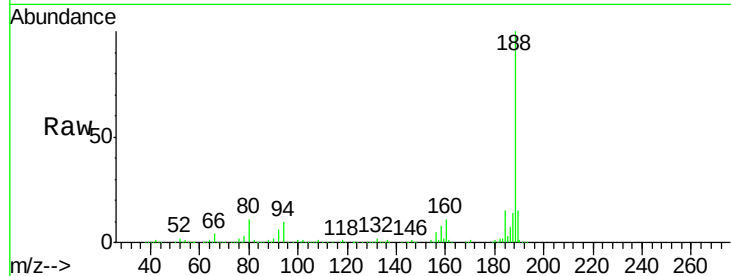




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102635.D
Acq: 30 Jan 2018 13:21

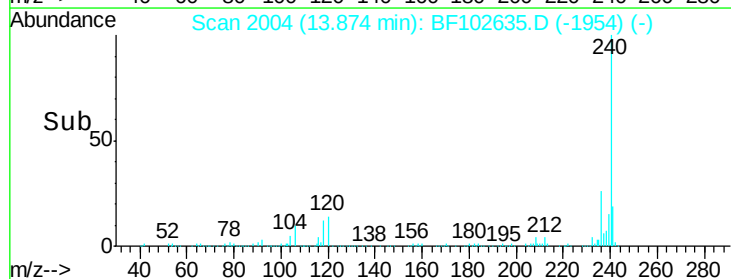
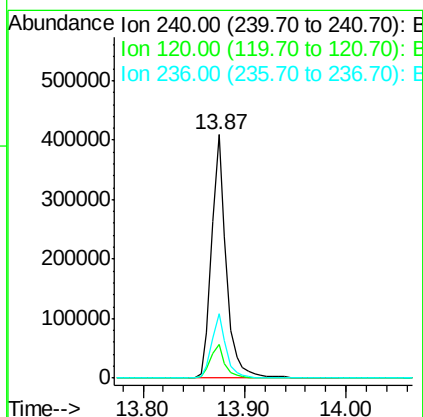
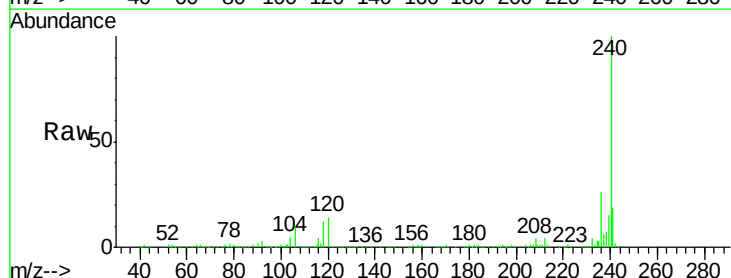
Instrument :
BNA_F
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PB106136TB

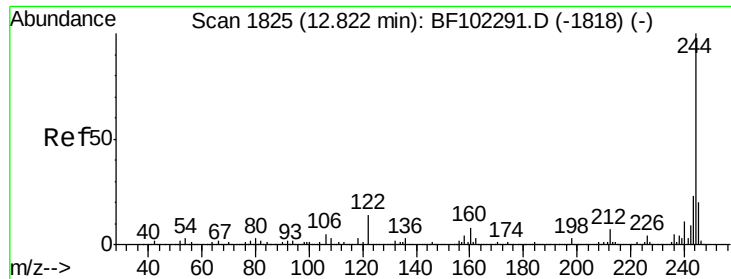
Tgt Ion:188 Resp: 477197
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102635.D
Acq: 30 Jan 2018 13:21

Tgt Ion:240 Resp: 412505
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.2 20.7 31.1

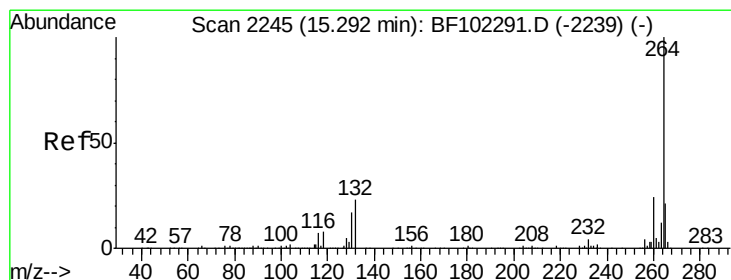
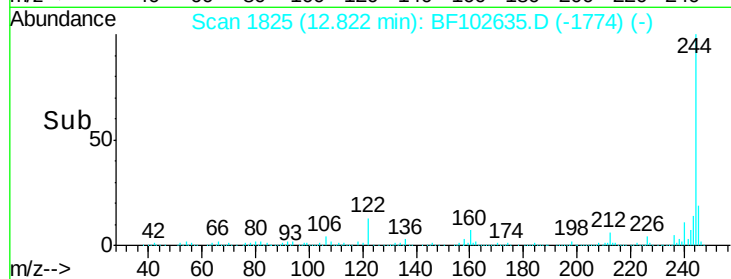
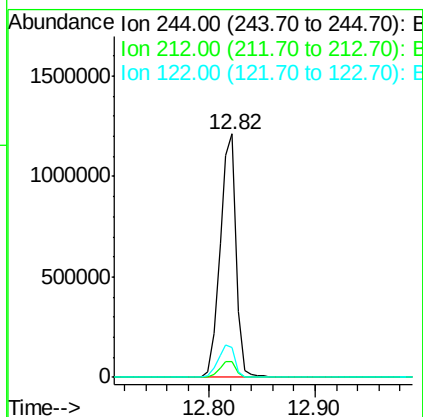
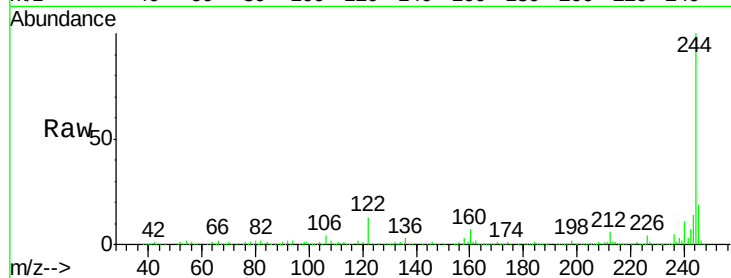




#78
 Terphenyl-d14
 Concen: 70.376 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB106136TB

Tgt Ion:244 Resp: 1287755
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102635.D
 Acq: 30 Jan 2018 13:21

Tgt Ion:264 Resp: 341024
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.6 17.5 26.3

