

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101652.D
 Acq On : 22 Dec 2017 14:43
 Operator : SJ/JU
 Sample : PB105201BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105201BL

Quant Time: Dec 22 16:14:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145848	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	590606	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	266542	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	525048	20.00	ng	0.00
75) Chrysene-d12	13.96	240	446728	20.00	ng	0.00
86) Perylene-d12	15.43	264	350386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1038093	106.02	ng	0.01
7) Phenol-d6	6.43	99	1254274	102.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	807473	76.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	303197	118.05	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1379774	80.30	ng	0.00
78) Terphenyl-d14	12.90	244	1388828	74.95	ng	0.00

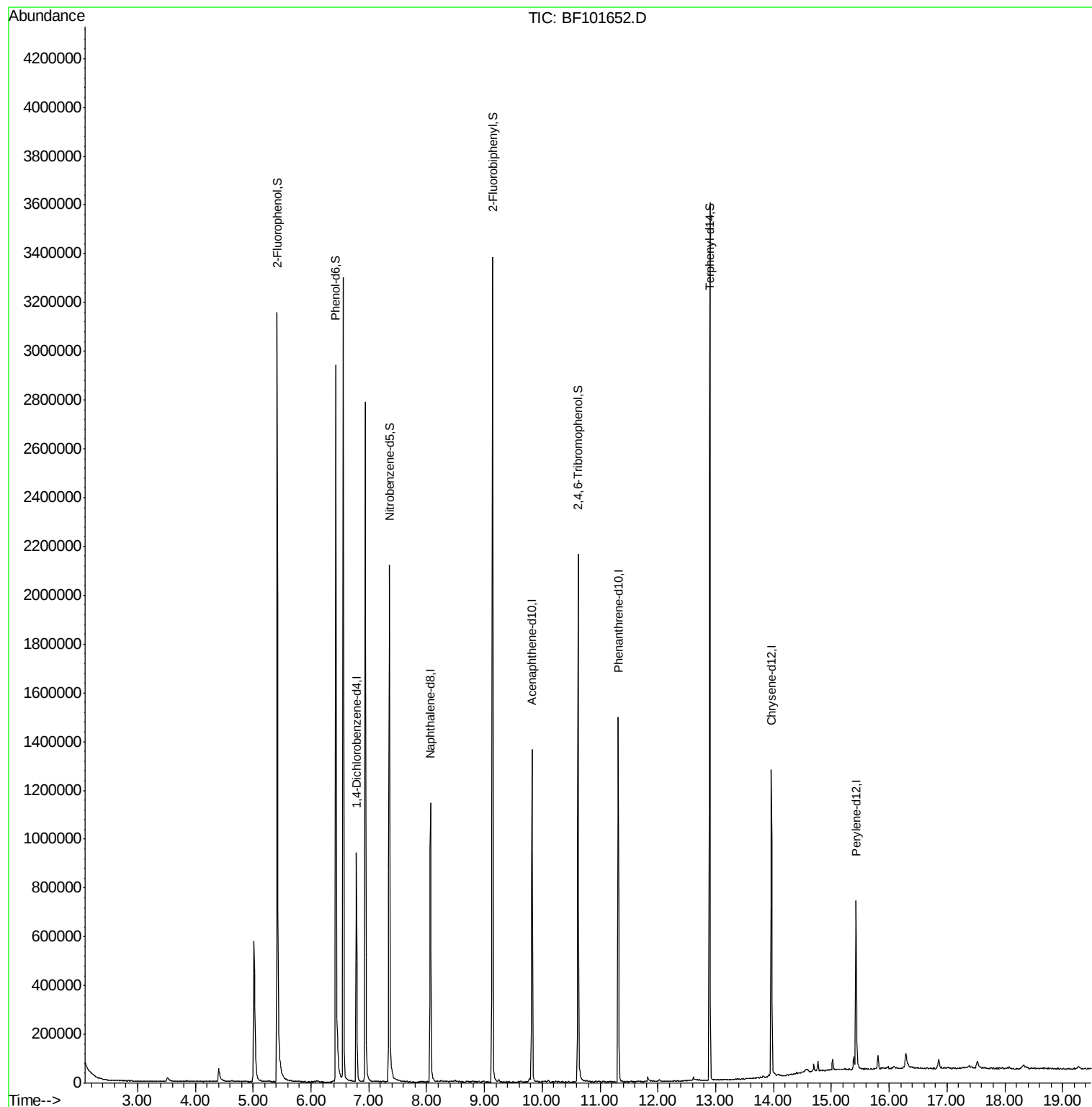
Target Compounds	Qvalue
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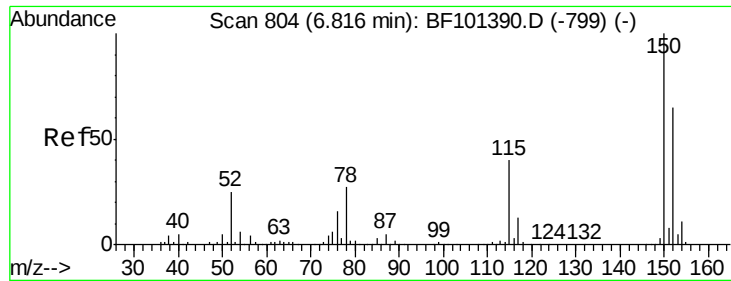
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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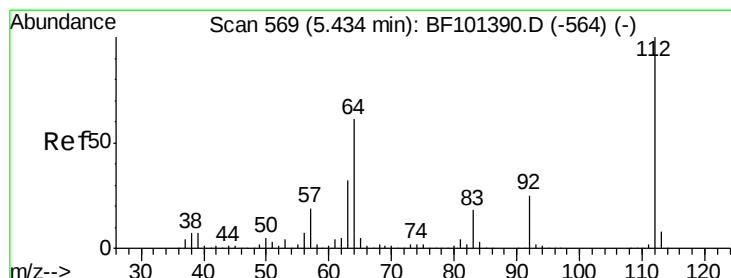
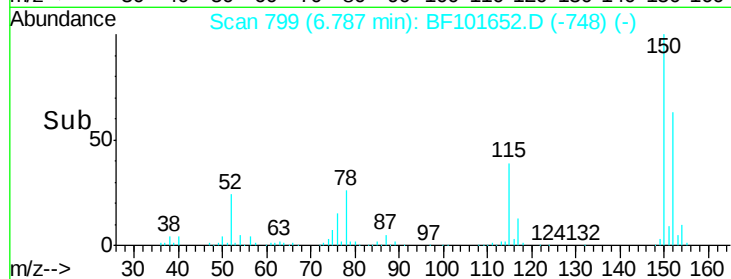
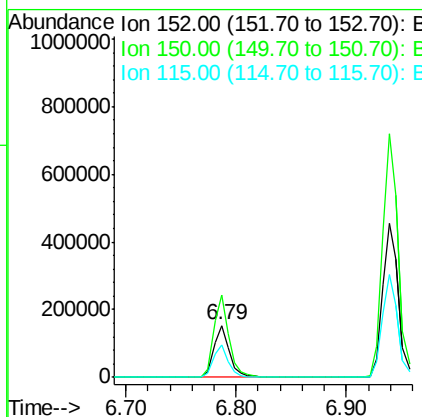
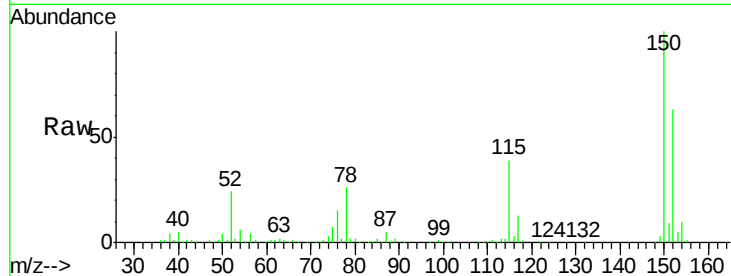


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Instrument :
BNA_F
ClientSampleId :
PB105201BL

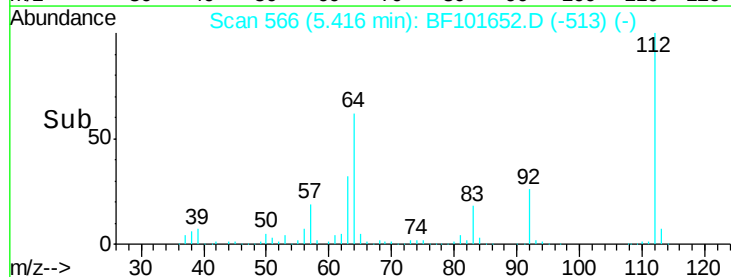
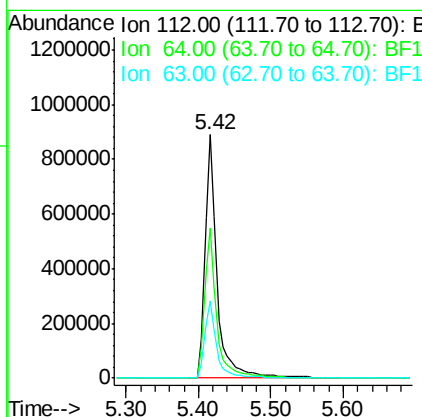
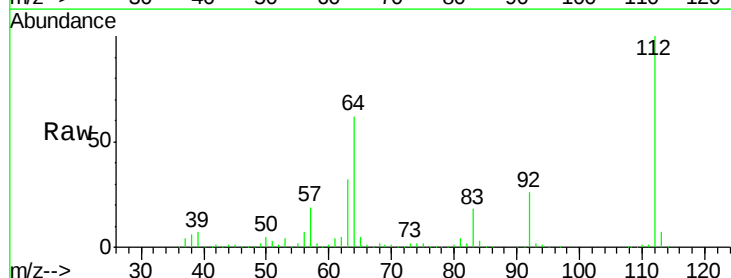
Tgt Ion:152 Resp: 145848
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 62.0 50.1 75.1

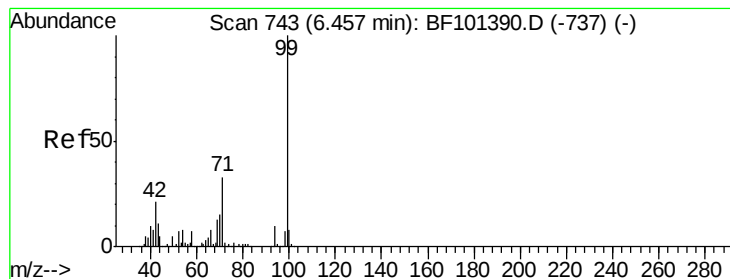


#5

2-Fluorophenol
Concen: 106.023 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101652.D
Acq: 22 Dec 2017 14:43

Tgt Ion:112 Resp: 1038093
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 102.931 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101652.D

Acq: 22 Dec 2017 14:43

Instrument :

BNA_F

ClientSampleId :

PB105201BL

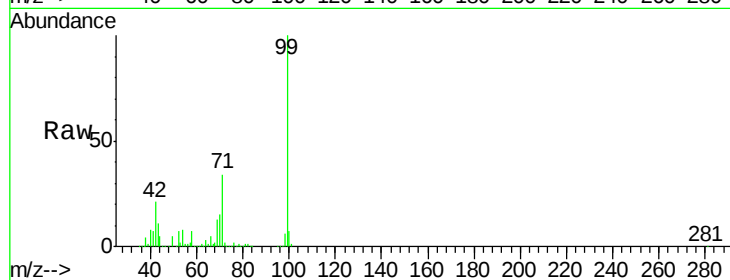
Tgt Ion: 99 Resp: 1254274

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

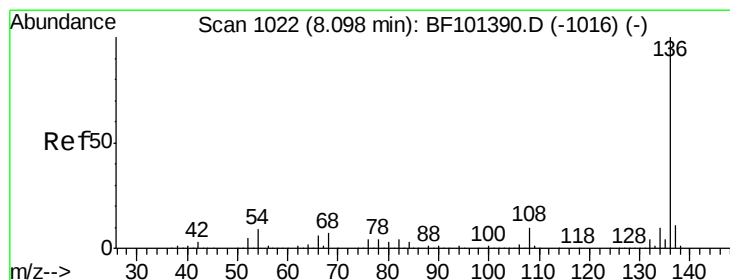
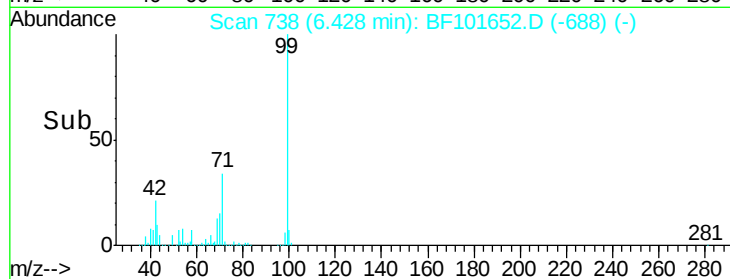
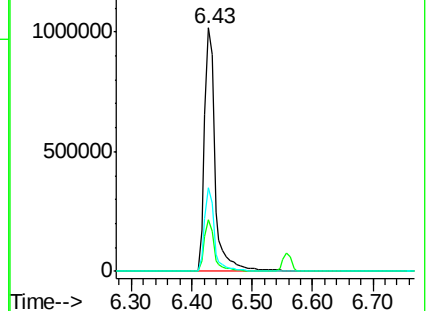
71 34.2 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101652.D

Acq: 22 Dec 2017 14:43

Tgt Ion: 136 Resp: 590606

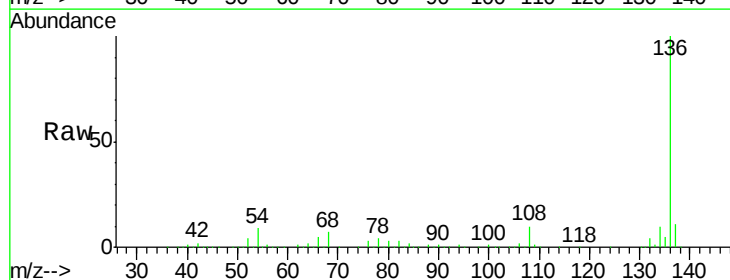
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.6 6.6 9.8

68 6.5 5.0 7.4

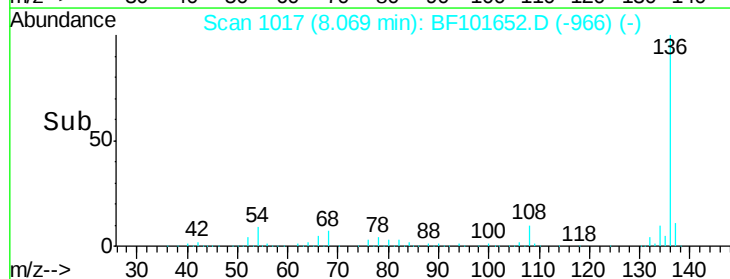
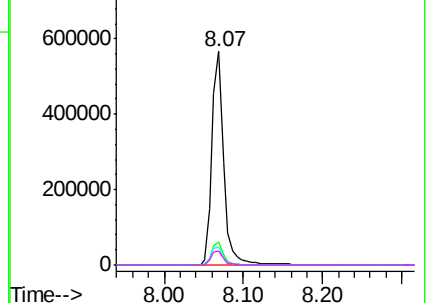


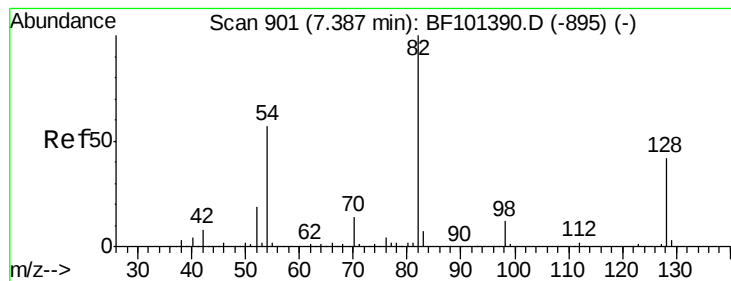
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.106 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101652.D

Acq: 22 Dec 2017 14:43

Instrument :

BNA_F

ClientSampleId :

PB105201BL

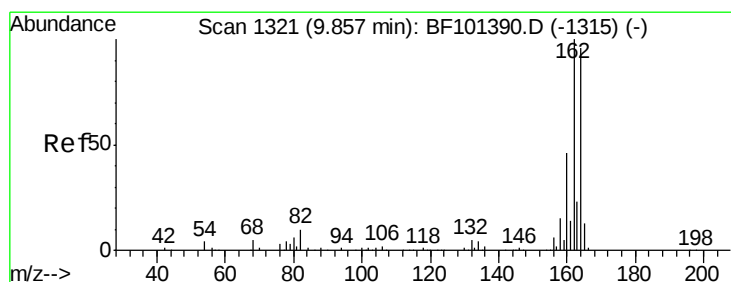
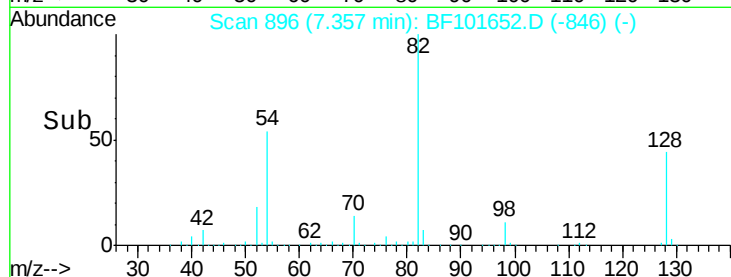
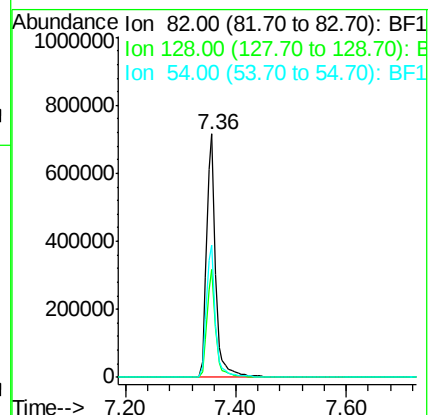
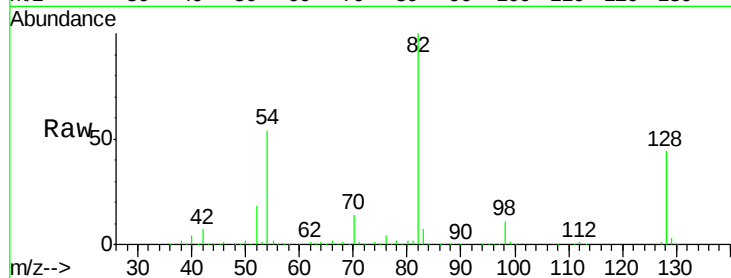
Tgt Ion: 82 Resp: 807473

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

54 54.4 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101652.D

Acq: 22 Dec 2017 14:43

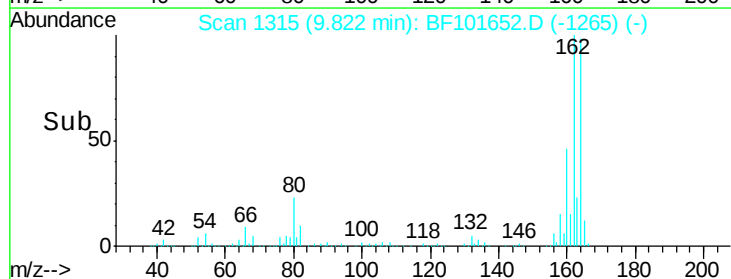
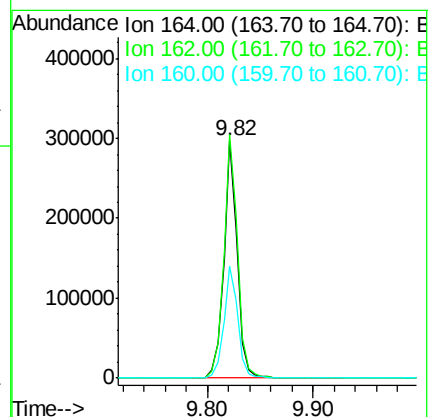
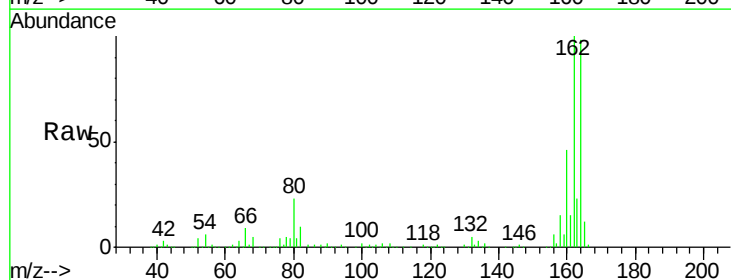
Tgt Ion: 164 Resp: 266542

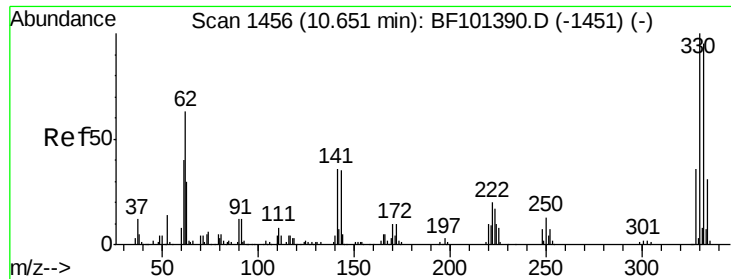
Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

160 47.0 38.3 57.5

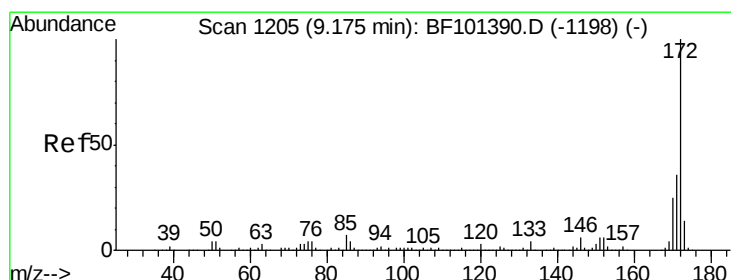
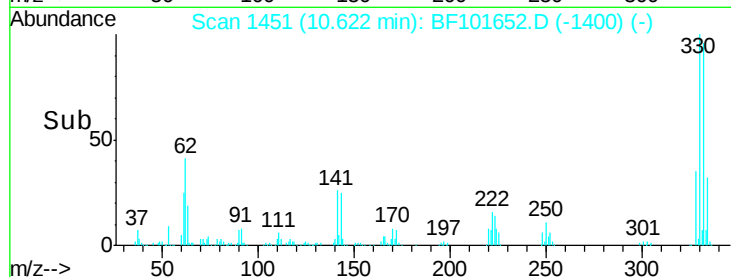
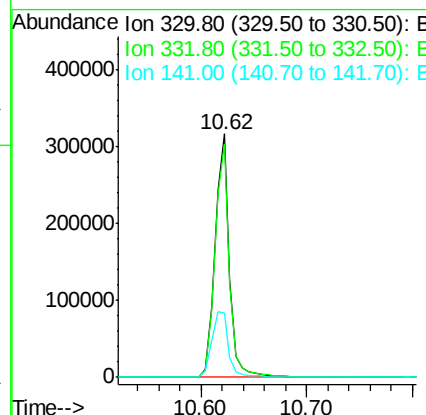
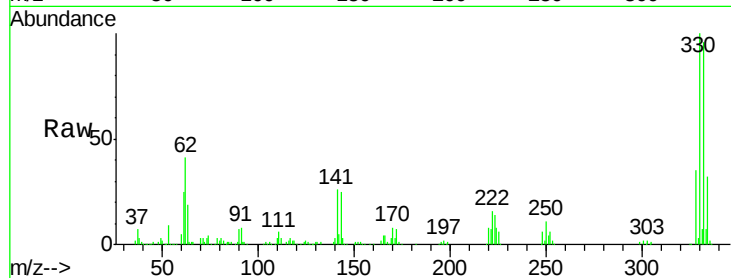




#41
 2,4,6-Tribromophenol
 Concen: 118.052 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101652.D
 Acq: 22 Dec 2017 14:43

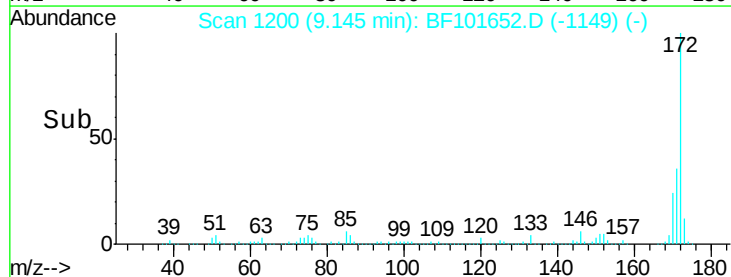
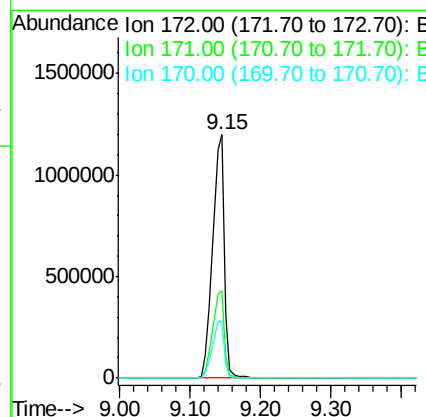
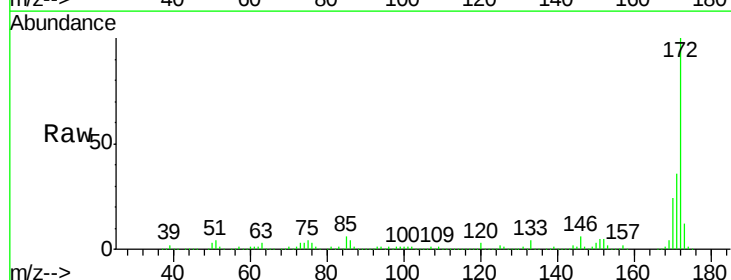
Instrument :
 BNA_F
 ClientSampleId :
 PB105201BL

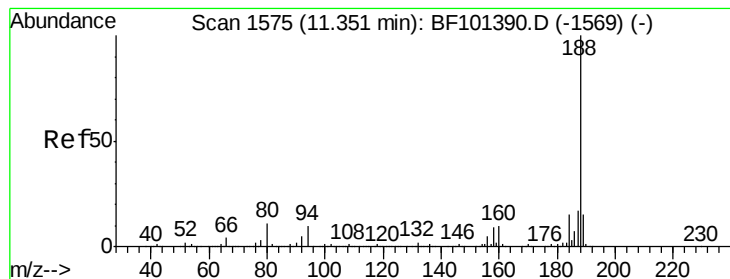
Tgt Ion:330 Resp: 303197
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 32.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 80.301 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101652.D
 Acq: 22 Dec 2017 14:43

Tgt Ion:172 Resp: 1379774
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.6 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101652.D

Acq: 22 Dec 2017 14:43

Instrument :

BNA_F

ClientSampleId :

PB105201BL

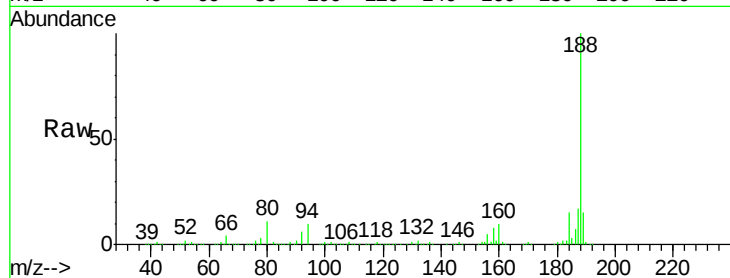
Tgt Ion:188 Resp: 525048

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

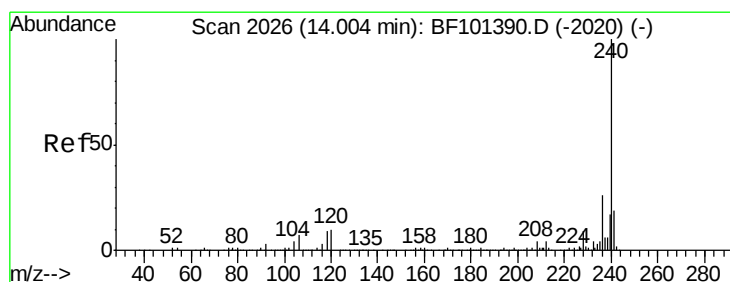
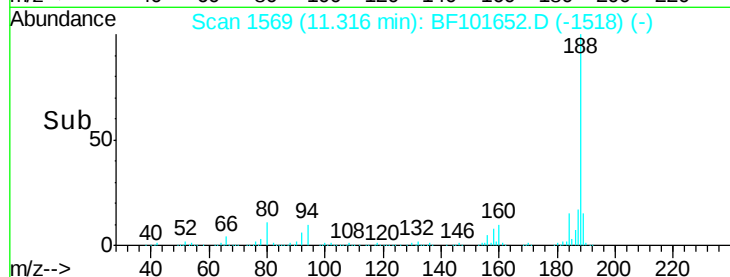
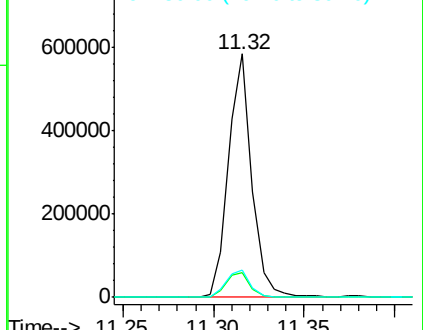
80 11.1 9.2 13.8



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: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101652.D

Acq: 22 Dec 2017 14:43

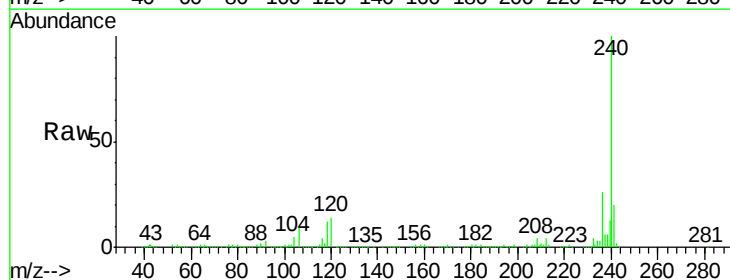
Tgt Ion:240 Resp: 446728

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

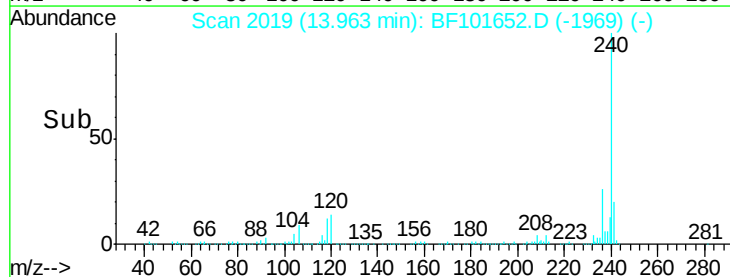
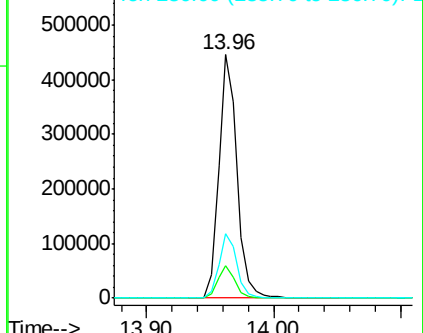
236 26.2 20.7 31.1



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: 74.948 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101652.D

Acq: 22 Dec 2017 14:43

Instrument :

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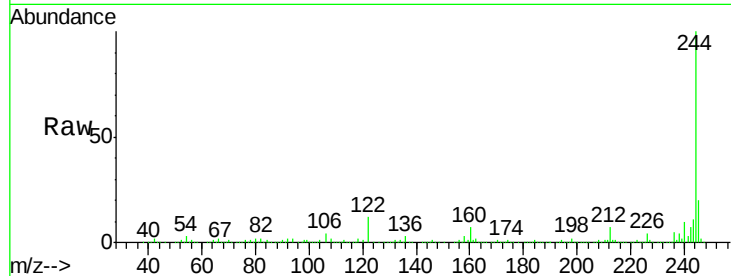
Tgt Ion:244 Resp: 1388828

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

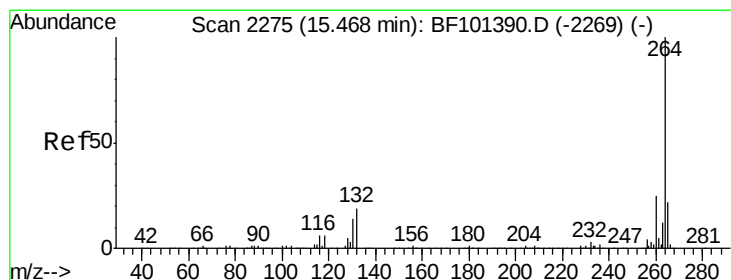
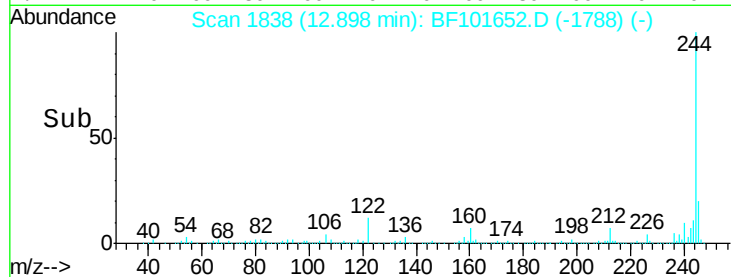
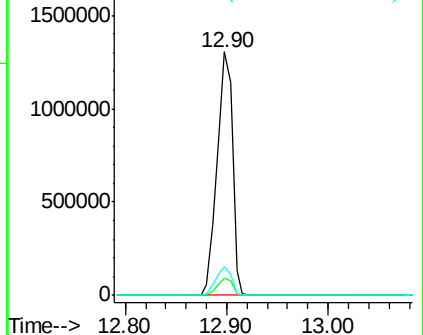
122 11.6 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101652.D

Acq: 22 Dec 2017 14:43

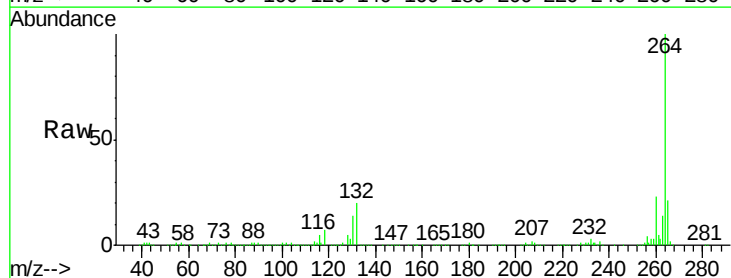
Tgt Ion:264 Resp: 350386

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.4 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

