

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101508.D
 Acq On : 19 Dec 2017 5:11
 Operator : SJ/JU
 Sample : I6909-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121217-FOPI-E-U-M

Quant Time: Dec 19 07:13:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

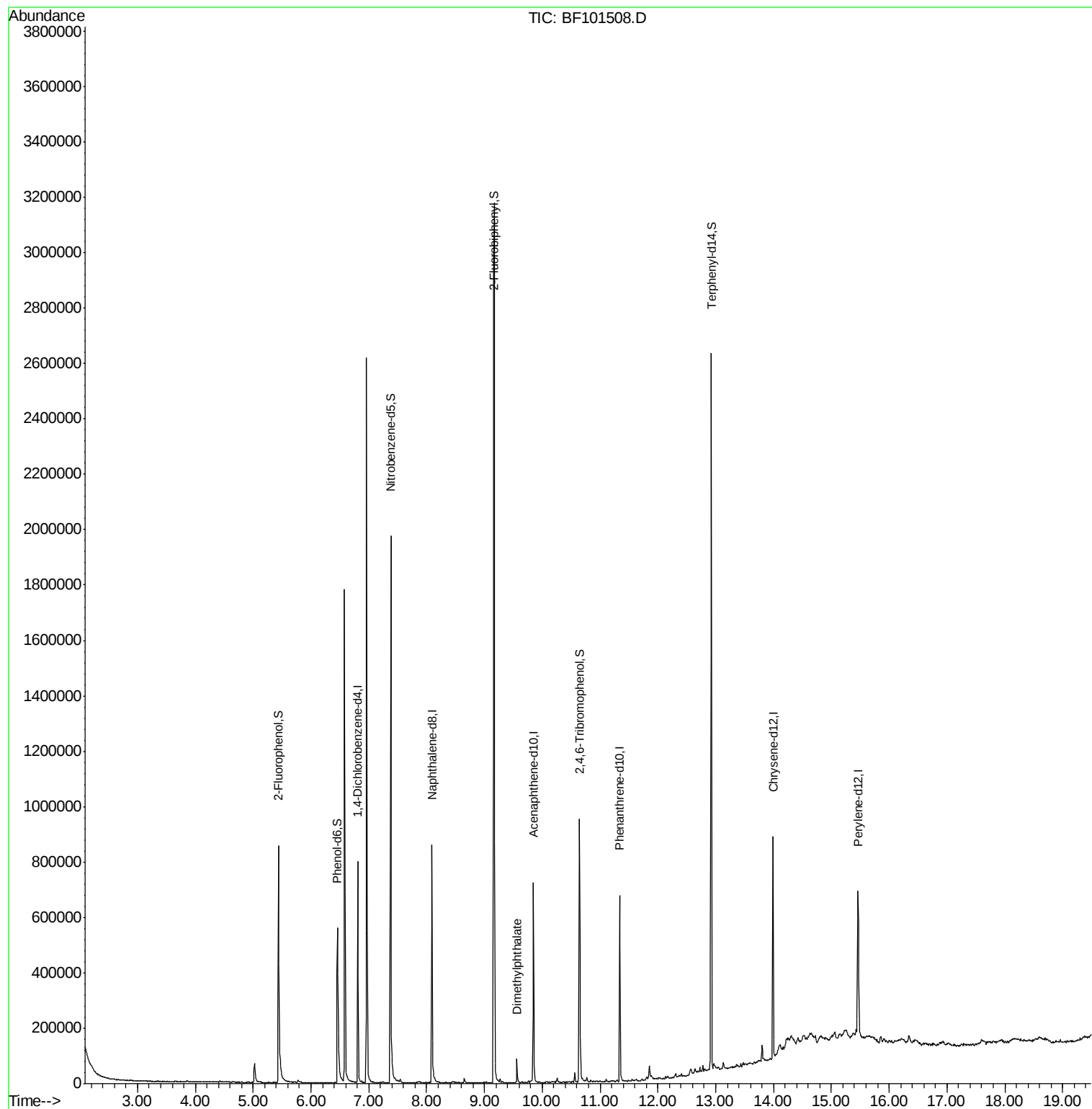
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120190	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	425213	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	152966	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	256848	20.00	ng	0.00
75) Chrysene-d12	13.99	240	288442	20.00	ng	0.00
86) Perylene-d12	15.46	264	268105	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	336240	41.67	ng	0.01
7) Phenol-d6	6.46	99	252119	25.11	ng	0.00
23) Nitrobenzene-d5	7.38	82	699804	91.61	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	131215	89.02	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1106862	112.25	ng	0.00
78) Terphenyl-d14	12.92	244	924425	77.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	36465	2.964	ng	Qvalue 99

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

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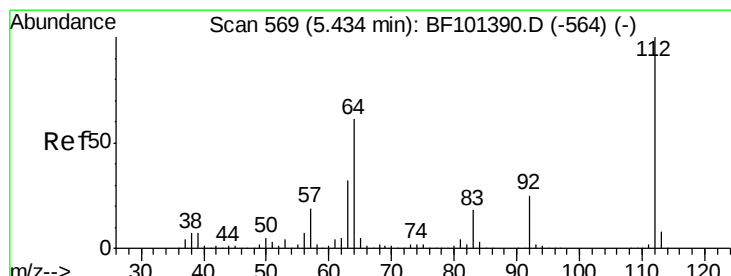
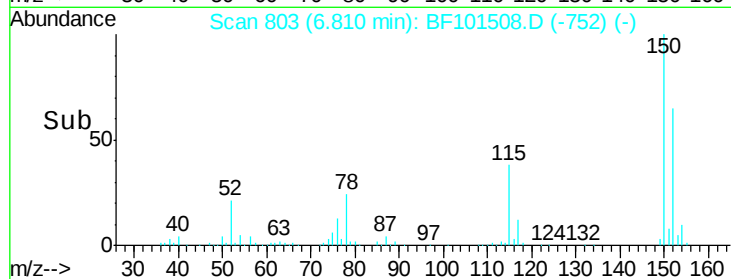
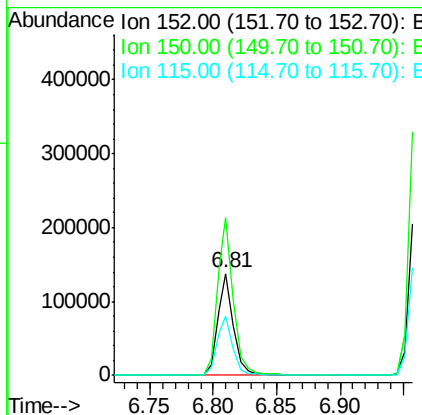
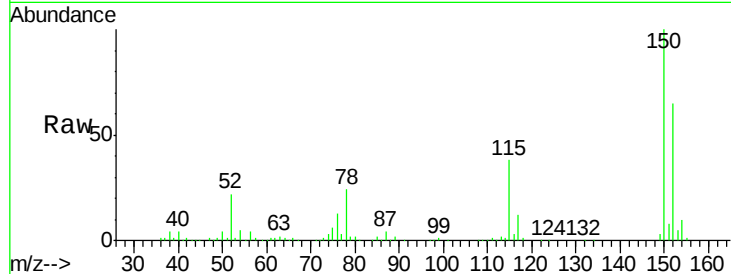


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101508.D
Acq: 19 Dec 2017 5:11

Instrument :
BNA_F
ClientSampleId :
121217-FOPI-E-U-M

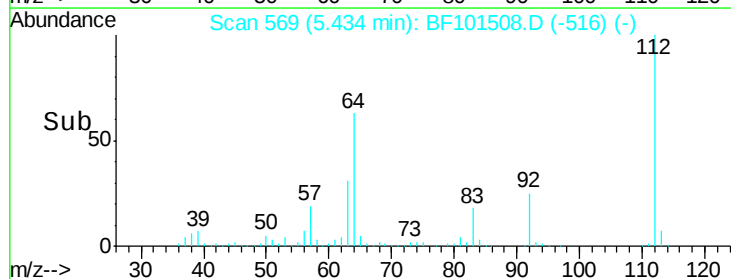
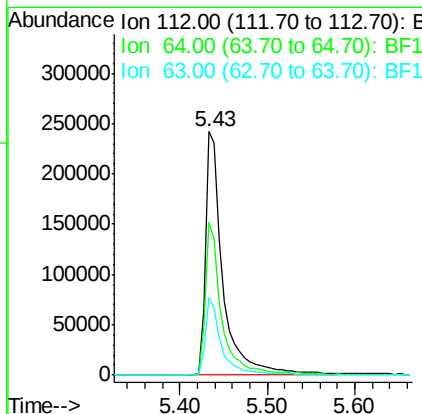
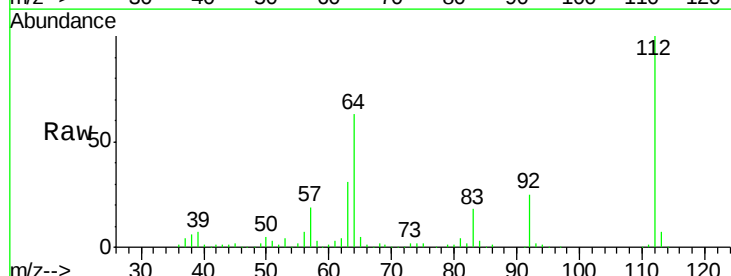
Tgt Ion:152 Resp: 120190
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 58.6 50.1 75.1

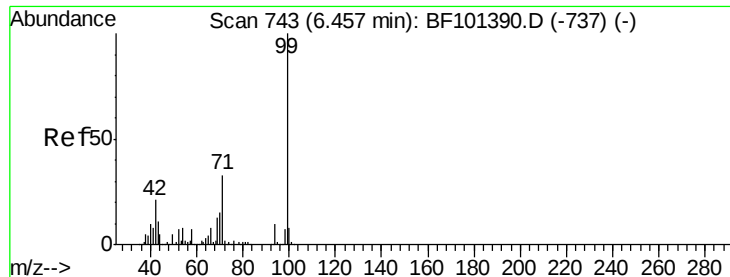


#5

2-Fluorophenol
Concen: 41.672 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101508.D
Acq: 19 Dec 2017 5:11

Tgt Ion:112 Resp: 336240
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 25.107 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101508.D

Acq: 19 Dec 2017 5:11

Instrument :

BNA_F

ClientSampleId :

121217-FOPI-E-U-M

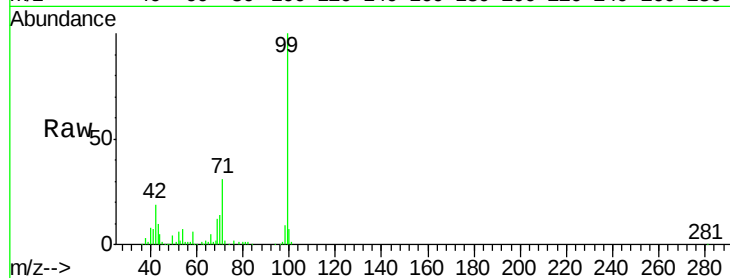
Tgt Ion: 99 Resp: 252119

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

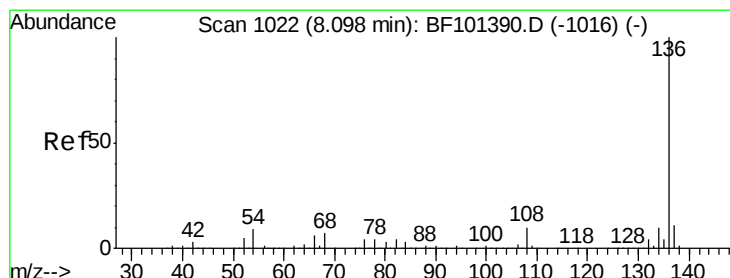
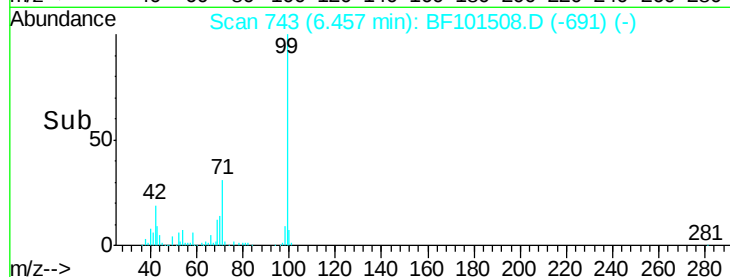
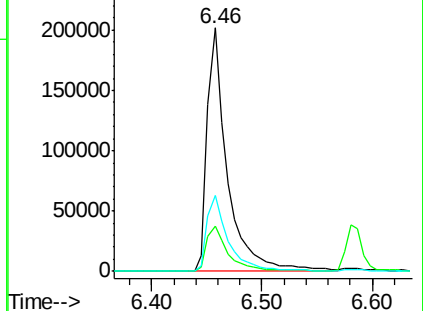
71 31.4 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101508.D

Acq: 19 Dec 2017 5:11

Tgt Ion: 136 Resp: 425213

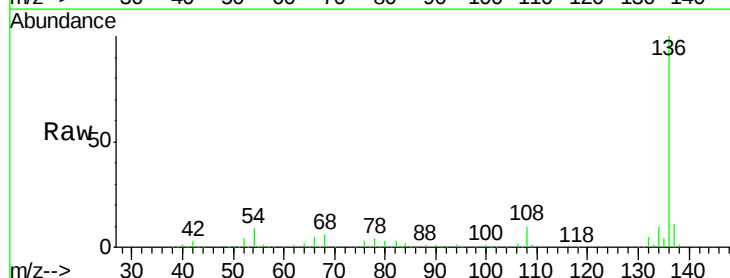
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.5 6.6 9.8

68 6.3 5.0 7.4

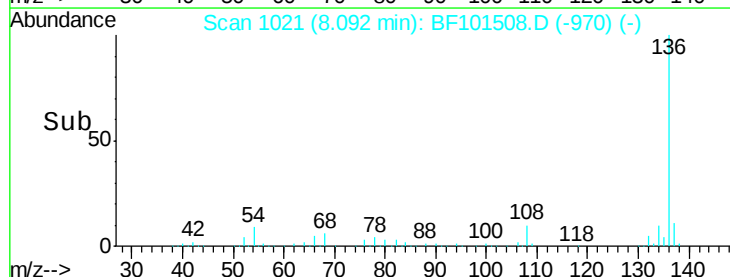
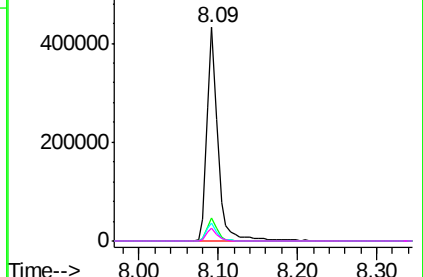


Abundance Ion 136.00 (135.70 to 136.70): E

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

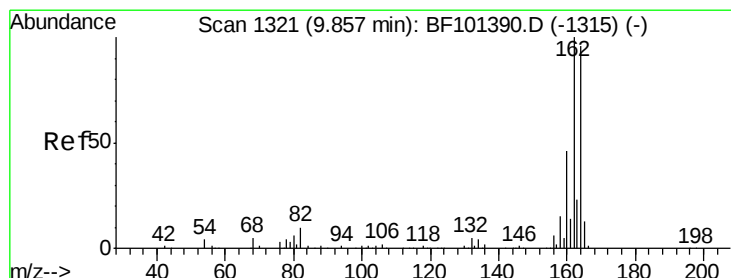
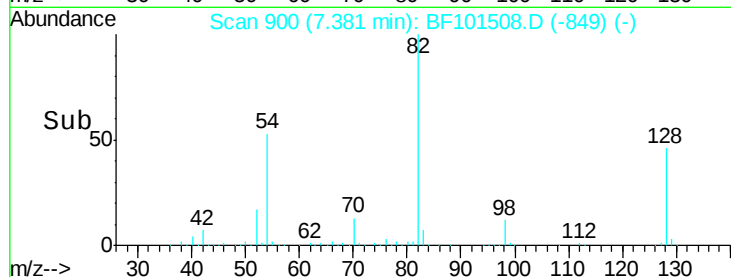
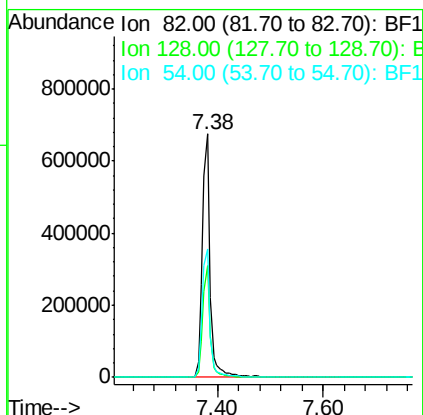
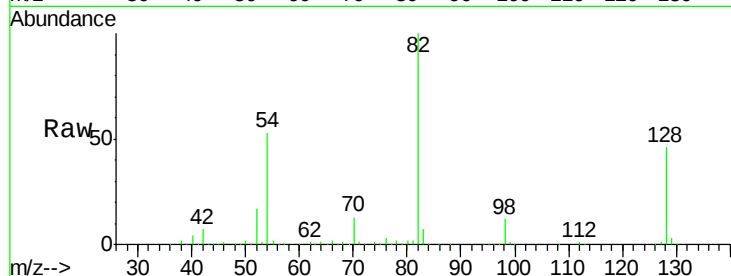




#23
 Nitrobenzene-d5
 Concen: 91.613 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101508.D
 Acq: 19 Dec 2017 5:11

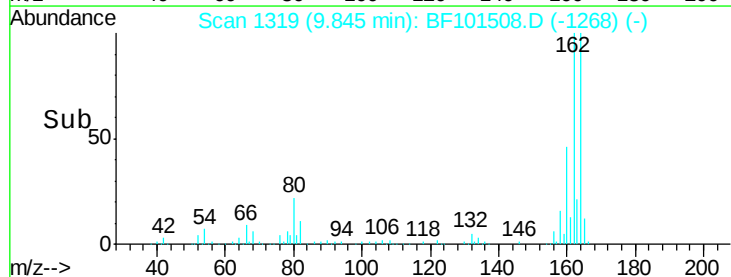
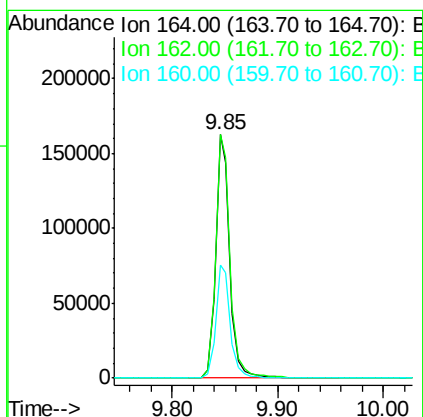
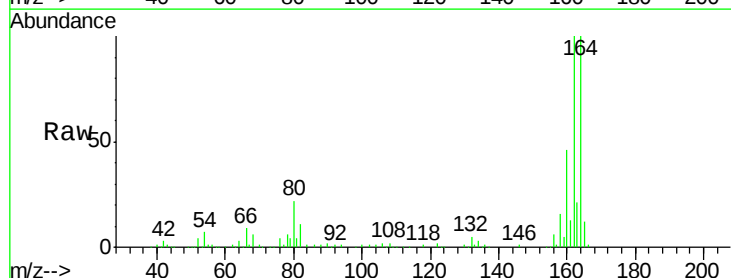
Instrument :
 BNA_F
 ClientSampleId :
 121217-FOPI-E-U-M

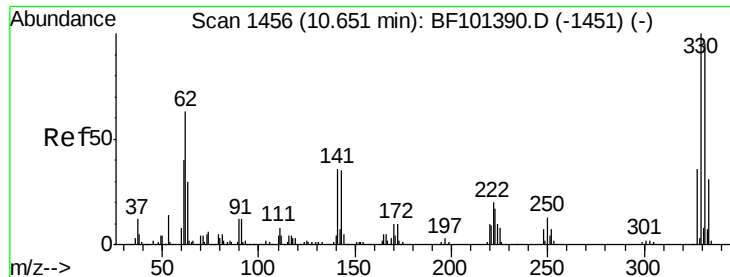
Tgt Ion: 82 Resp: 699804
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 52.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101508.D
 Acq: 19 Dec 2017 5:11

Tgt Ion: 164 Resp: 152966
 Ion Ratio Lower Upper
 164 100
 162 100.2 86.1 129.1
 160 46.5 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 89.023 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF101508.D

Acq: 19 Dec 2017 5:11

Instrument :

BNA_F

ClientSampleId :

121217-FOPI-E-U-M

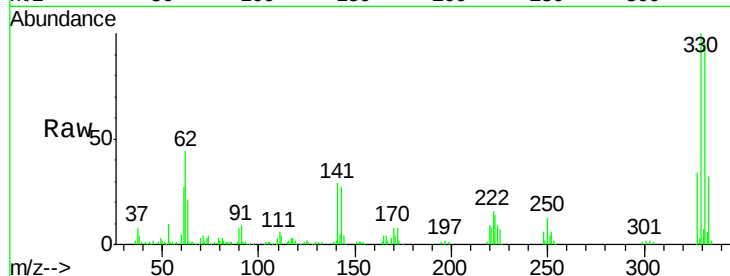
Tgt Ion:330 Resp: 131215

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

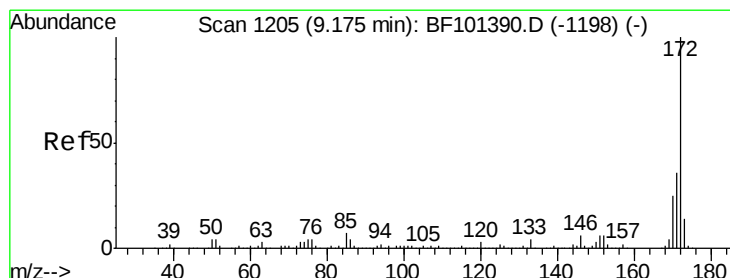
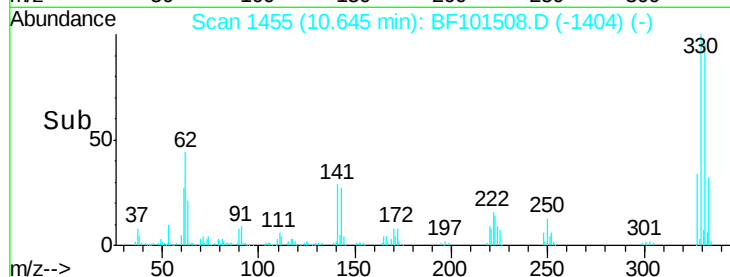
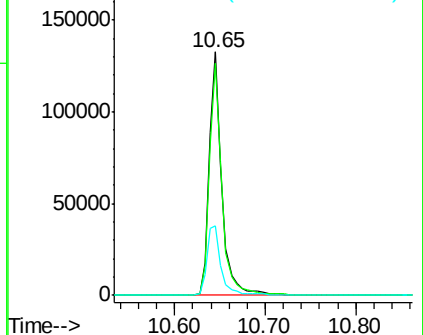
141 32.1 29.9 44.9



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: 112.248 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF101508.D

Acq: 19 Dec 2017 5:11

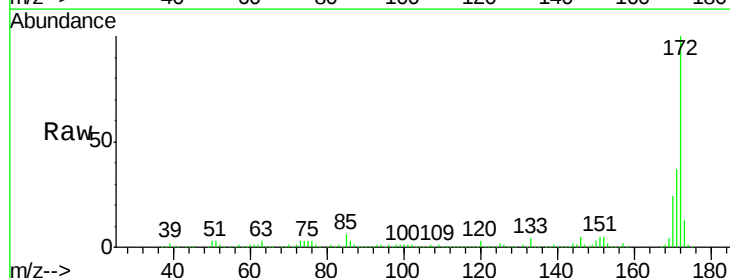
Tgt Ion:172 Resp: 1106862

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

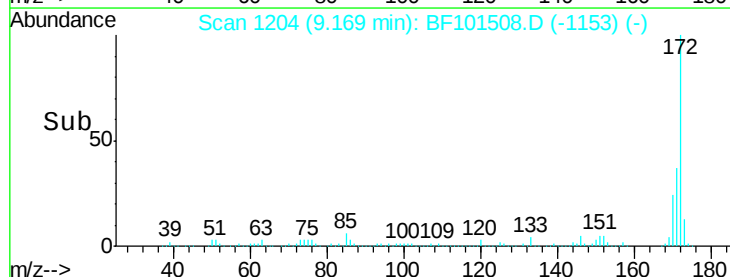
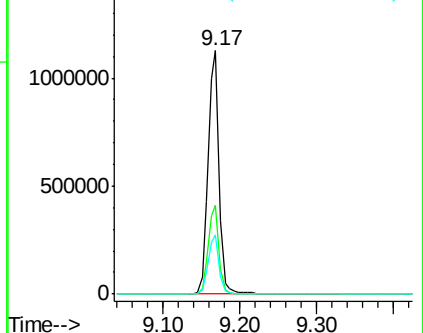
170 24.3 19.6 29.4

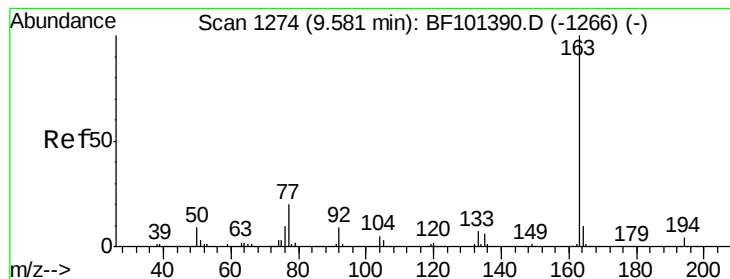


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.964 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF101508.D

Acq: 19 Dec 2017 5:11

Instrument :

BNA_F

ClientSampleId :

121217-FOPI-E-U-M

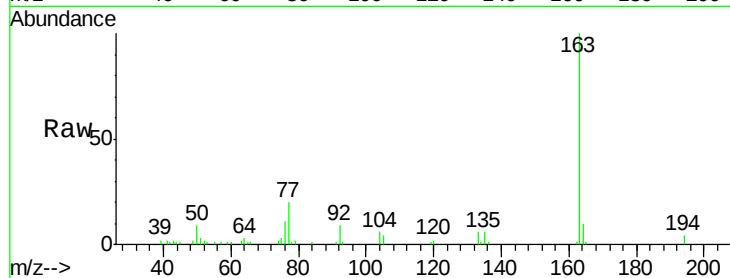
Tgt Ion:163 Resp: 36465

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

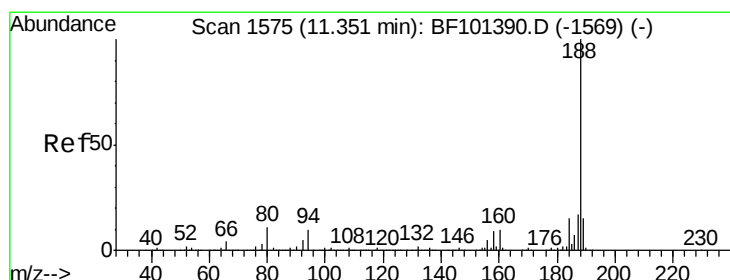
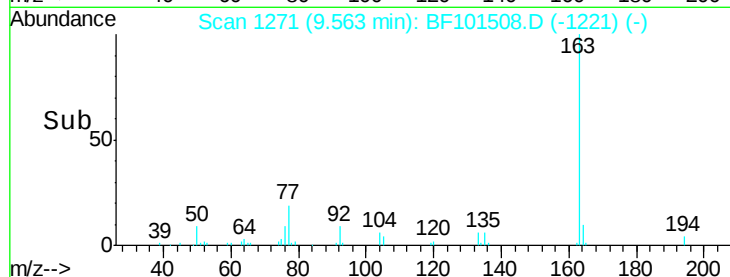
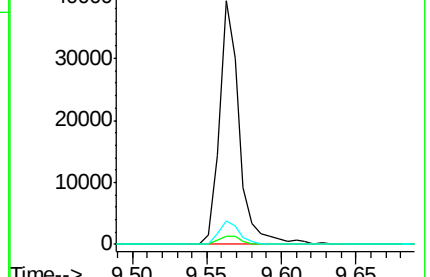
164 9.7 8.2 12.2



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: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101508.D

Acq: 19 Dec 2017 5:11

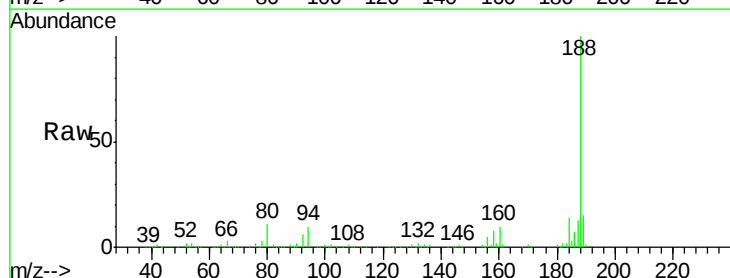
Tgt Ion:188 Resp: 256848

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

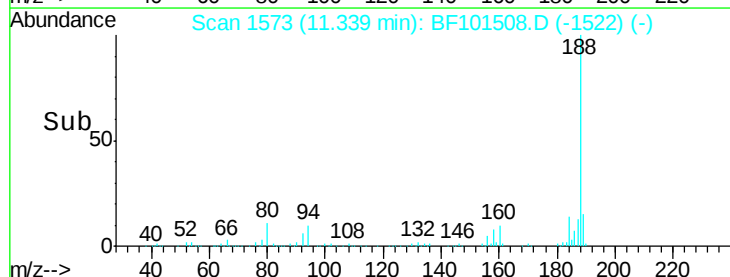
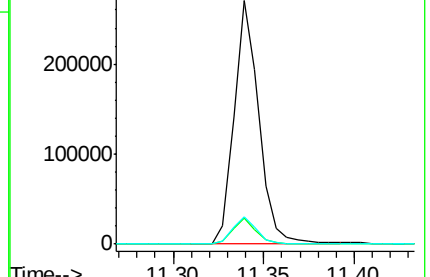
80 11.1 9.2 13.8

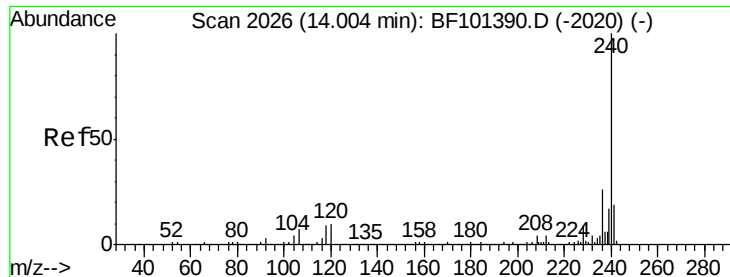


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101508.D

Acq: 19 Dec 2017 5:11

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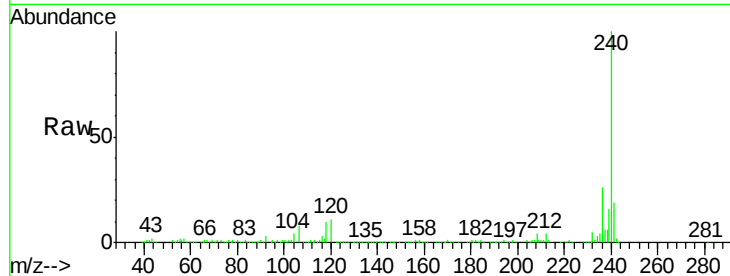
Tgt Ion:240 Resp: 288442

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

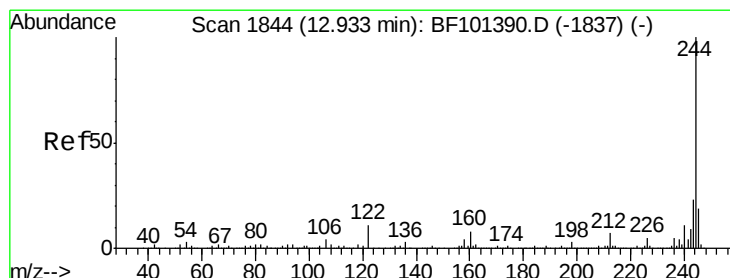
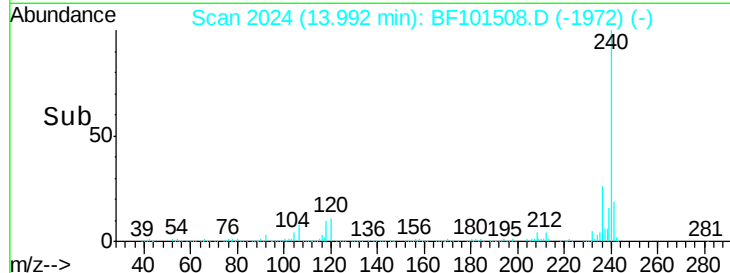
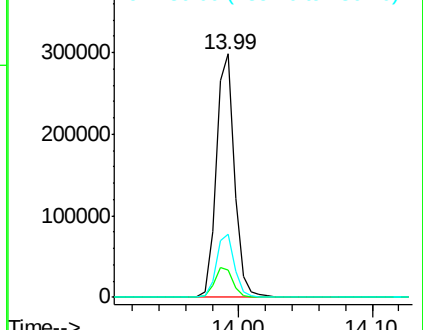
236 25.7 20.7 31.1



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: 77.263 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101508.D

Acq: 19 Dec 2017 5:11

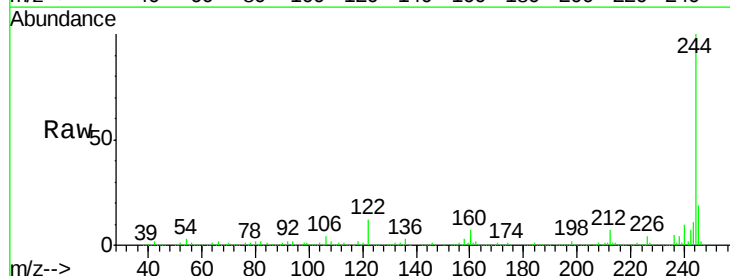
Tgt Ion:244 Resp: 924425

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

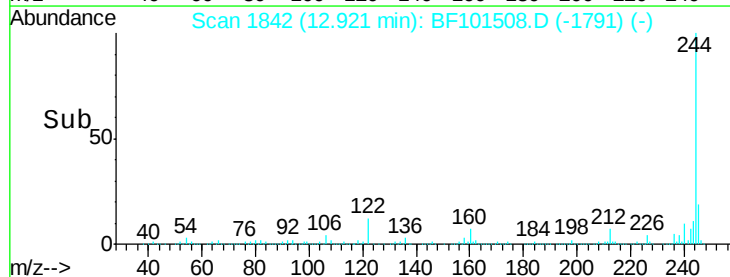
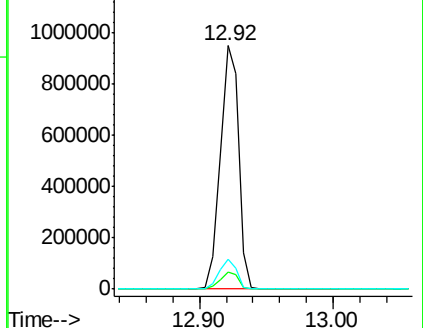
122 12.0 11.0 16.4

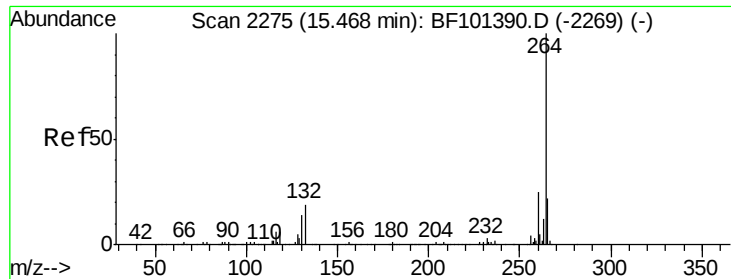


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101508.D
Acq: 19 Dec 2017 5:11

Instrument :
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Tgt Ion: 264 Resp: 268105
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.9 17.5 26.3

