

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101563.D
 Acq On : 20 Dec 2017 13:14
 Operator : SJ/JU
 Sample : PB105164BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105164BL

Quant Time: Dec 20 14:56:29 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139905	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	576646	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	258900	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	506476	20.00	ng	0.00
75) Chrysene-d12	13.97	240	378269	20.00	ng	0.00
86) Perylene-d12	15.43	264	272368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1047136	111.49	ng	0.01
7) Phenol-d6	6.44	99	1257889	107.61	ng	0.00
23) Nitrobenzene-d5	7.36	82	820493	79.21	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	284159	113.90	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1335176	80.00	ng	0.00
78) Terphenyl-d14	12.91	244	1307911	83.36	ng	0.00

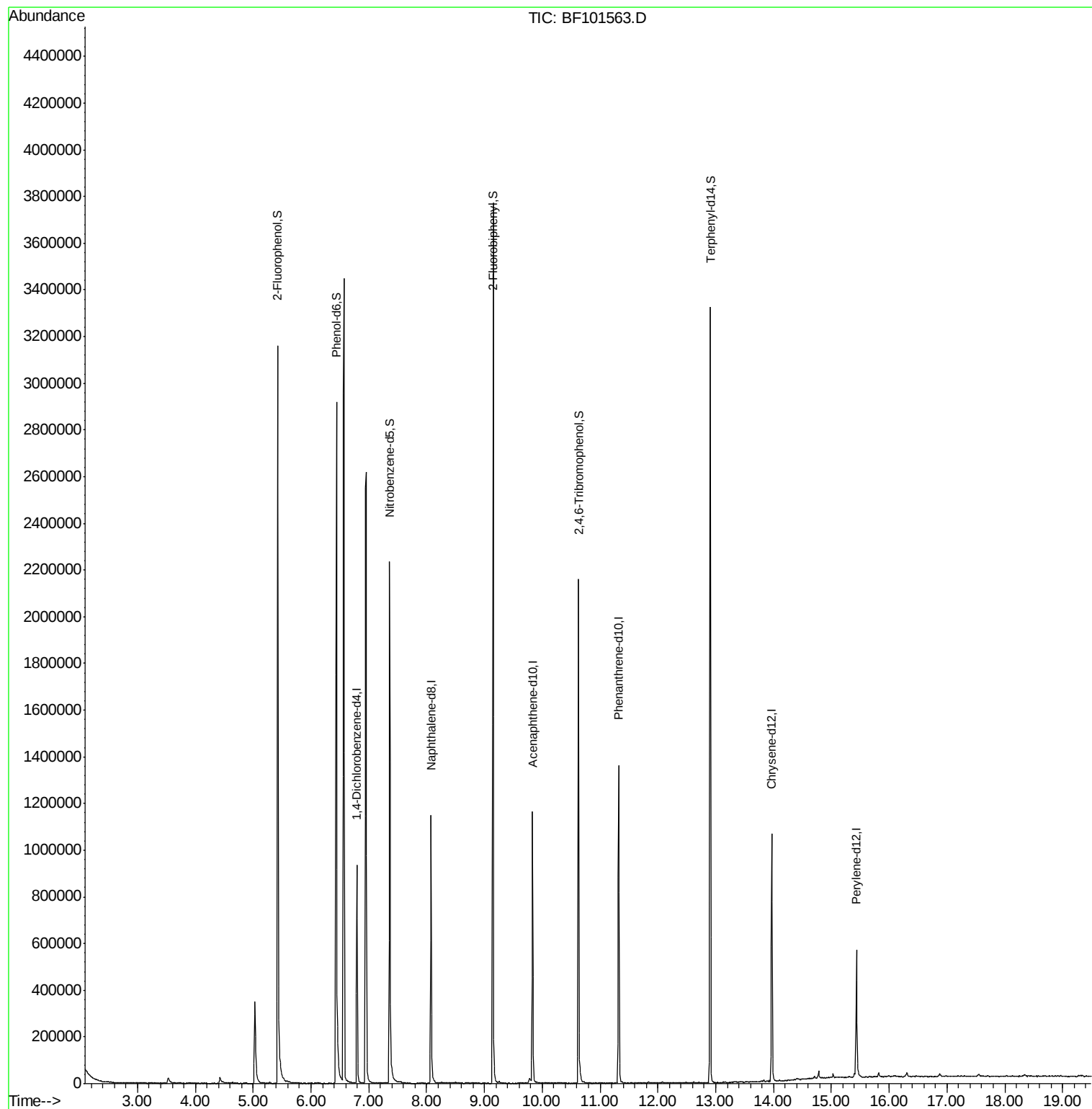
Target Compounds	Qvalue
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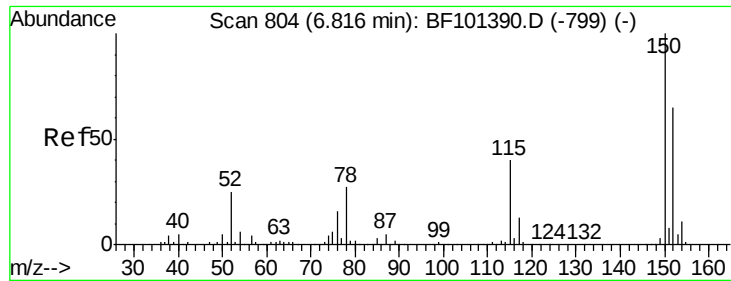
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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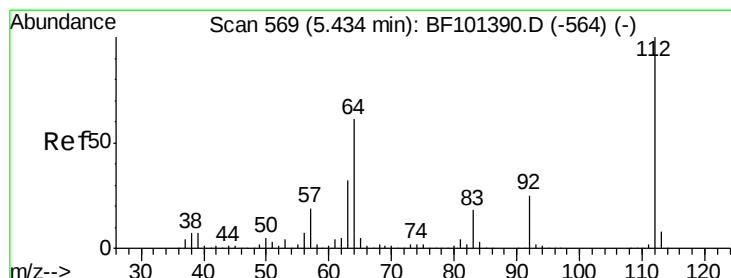
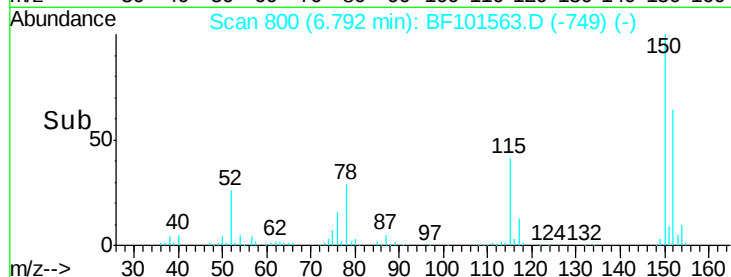
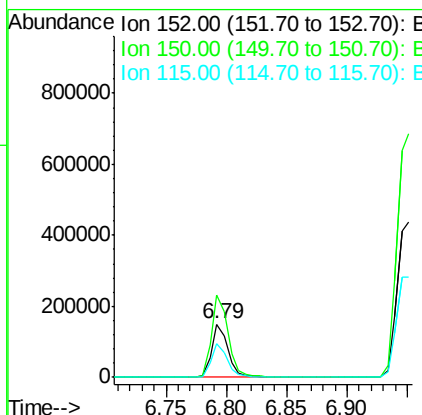
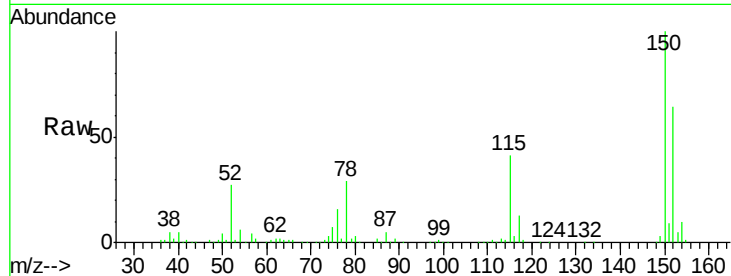


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Instrument :
BNA_F
ClientSampleId :
PB105164BL

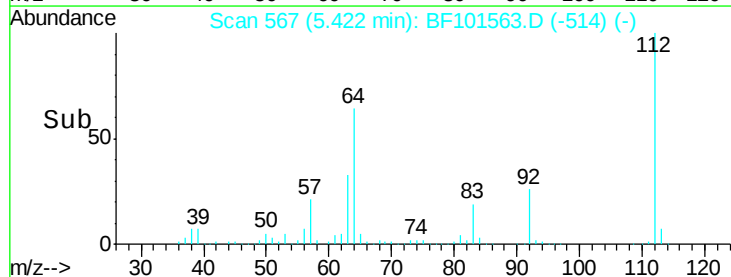
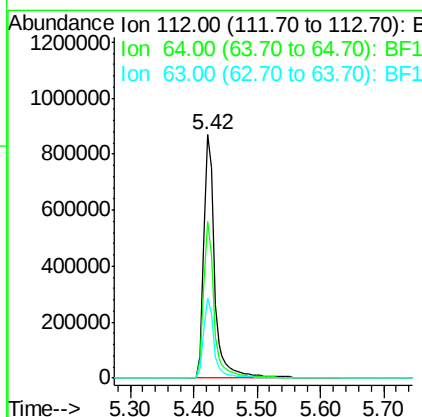
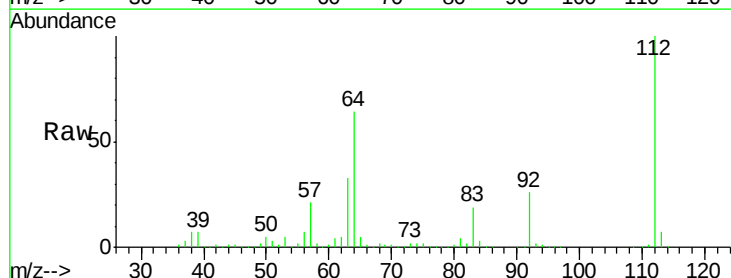
Tgt Ion:152 Resp: 139905
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 64.2 50.1 75.1

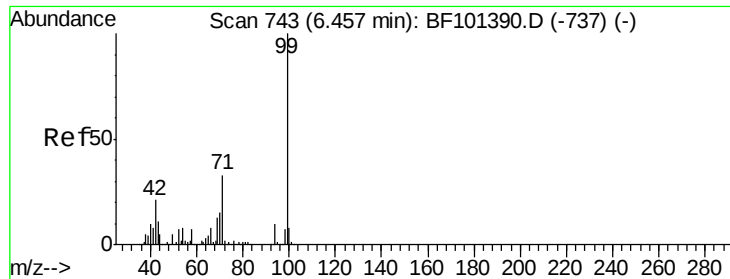


#5

2-Fluorophenol
Concen: 111.489 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion:112 Resp: 1047136
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 107.613 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101563.D

Acq: 20 Dec 2017 13:14

Instrument :

BNA_F

ClientSampleId :

PB105164BL

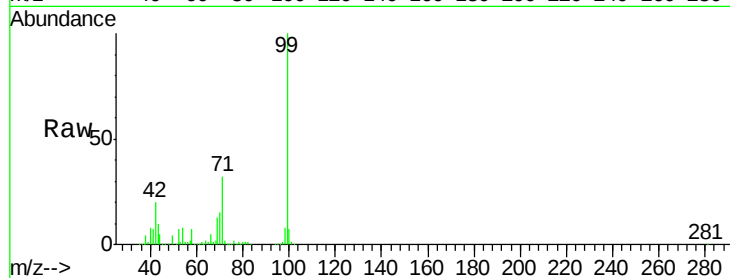
Tgt Ion: 99 Resp: 1257889

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

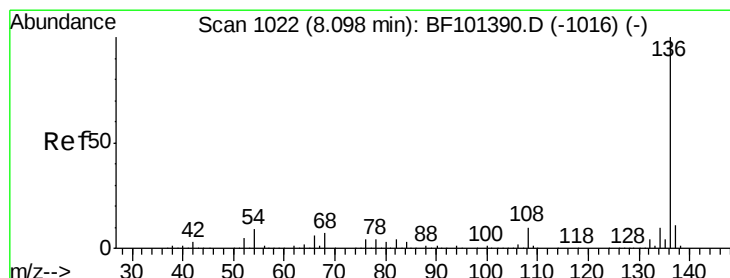
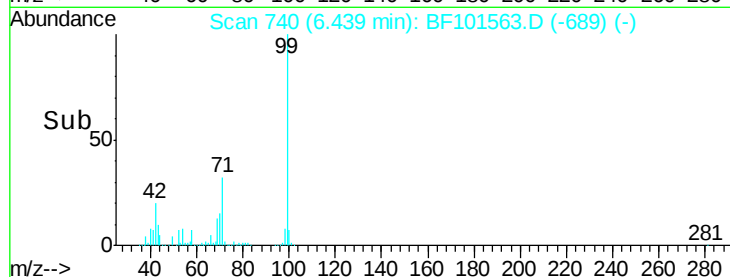
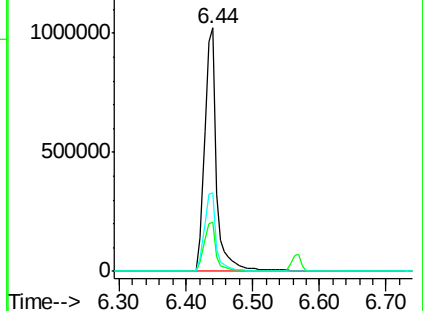
71 32.4 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101563.D

Acq: 20 Dec 2017 13:14

Tgt Ion: 136 Resp: 576646

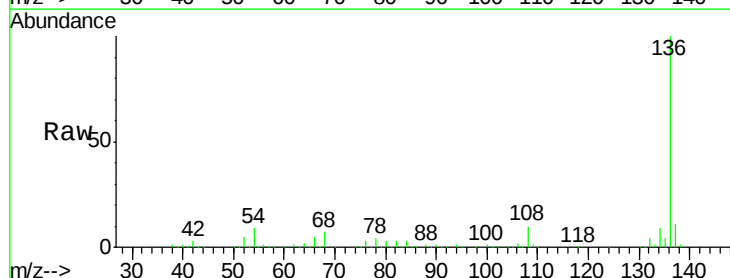
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 6.6 5.0 7.4

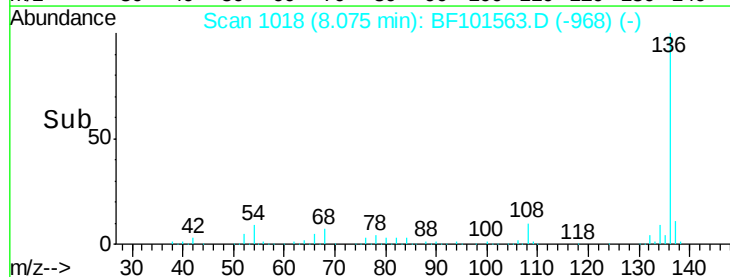
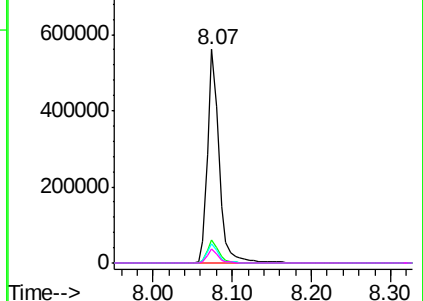


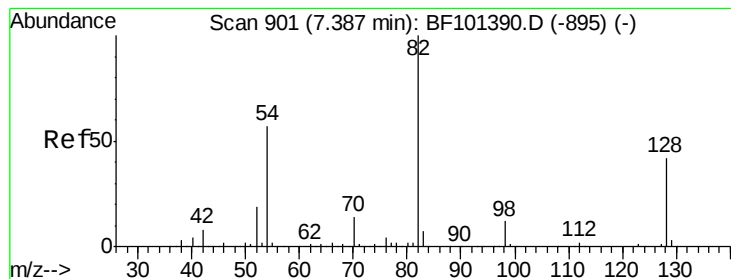
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.205 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101563.D

Acq: 20 Dec 2017 13:14

Instrument :

BNA_F

ClientSampleId :

PB105164BL

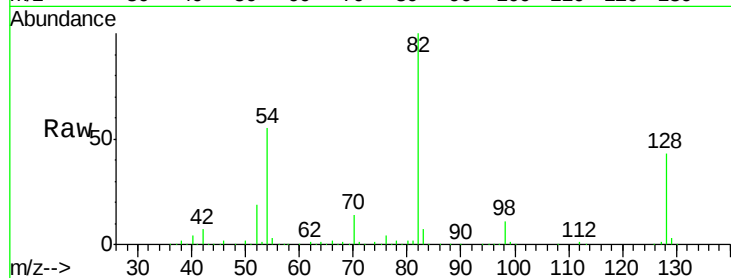
Tgt Ion: 82 Resp: 820493

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

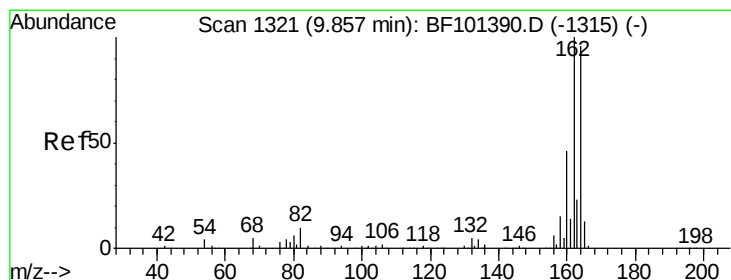
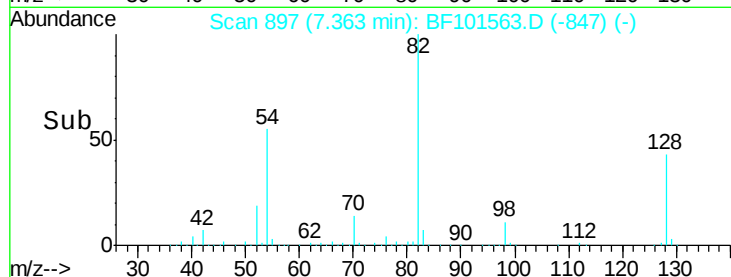
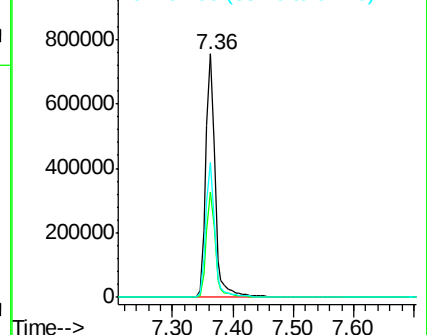
54 55.2 41.4 62.2



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF101563.D

Acq: 20 Dec 2017 13:14

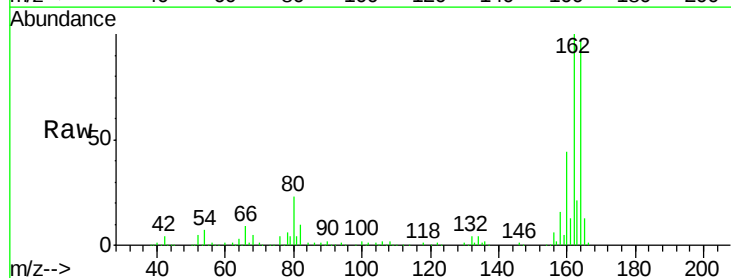
Tgt Ion: 164 Resp: 258900

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

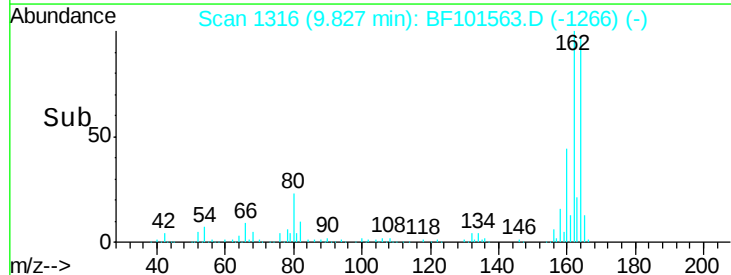
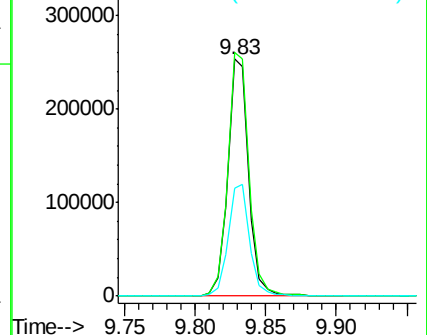
160 45.6 38.3 57.5

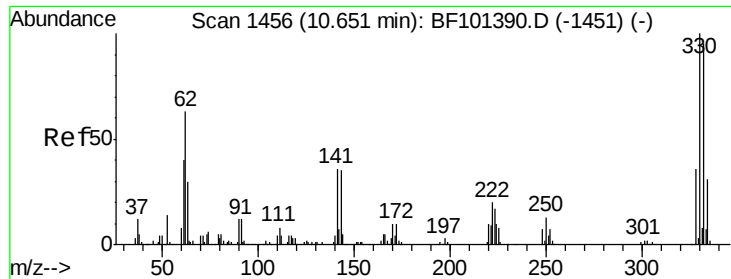


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

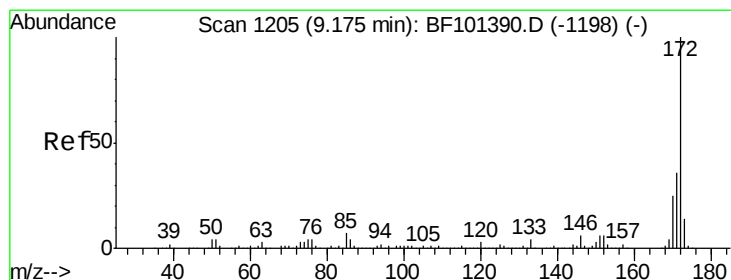
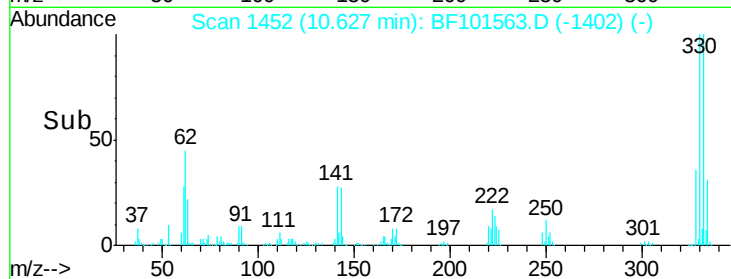
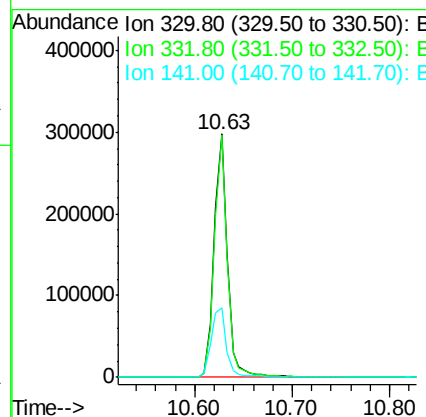
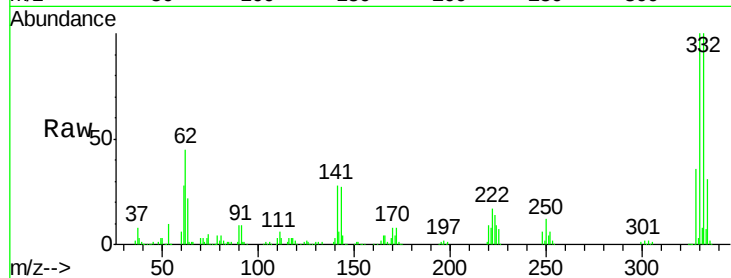




#41
 2,4,6-Tribromophenol
 Concen: 113.905 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101563.D
 Acq: 20 Dec 2017 13:14

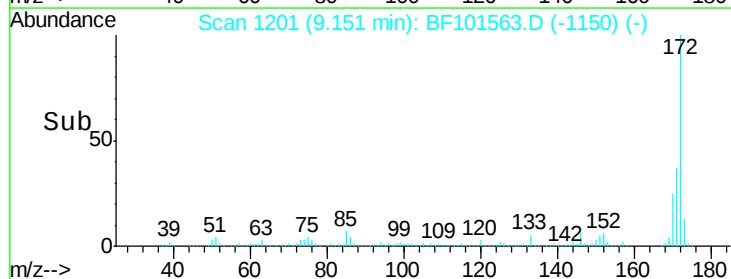
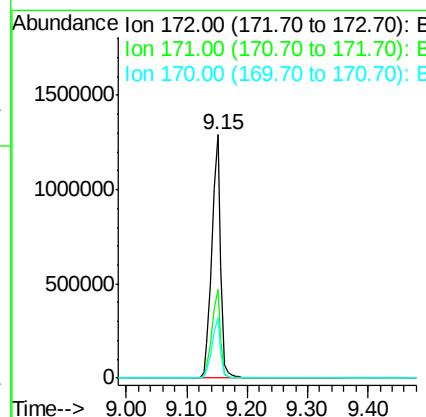
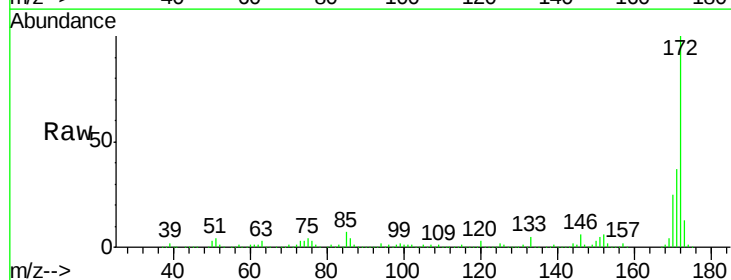
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 PB105164BL

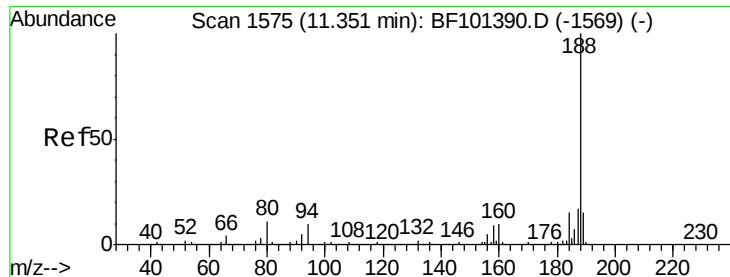
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 79.999 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101563.D
 Acq: 20 Dec 2017 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4

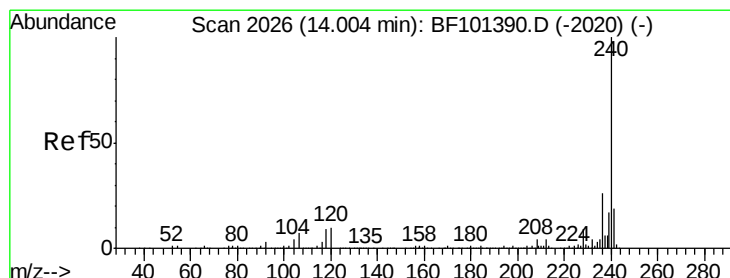
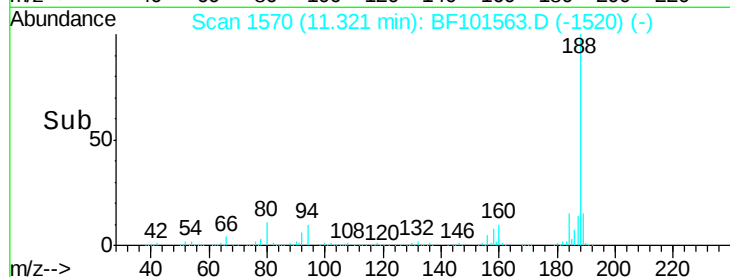
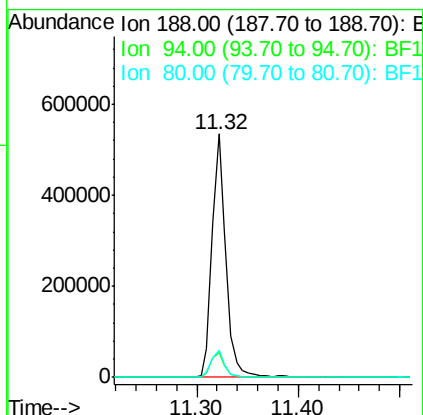
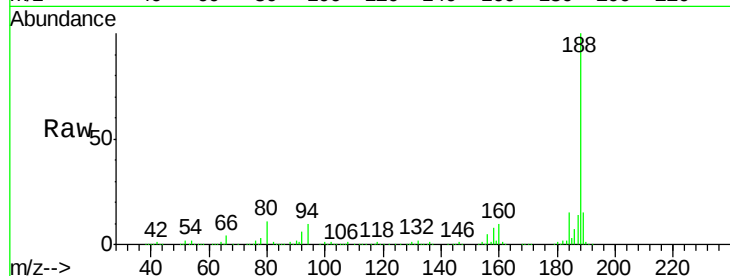




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

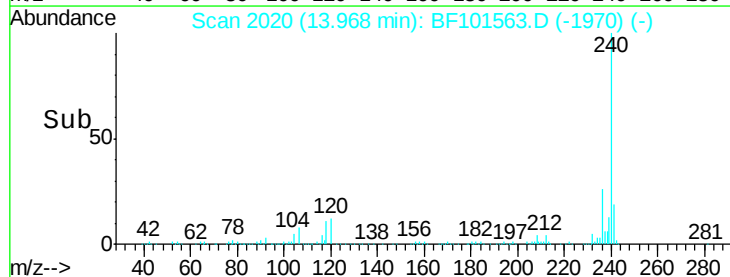
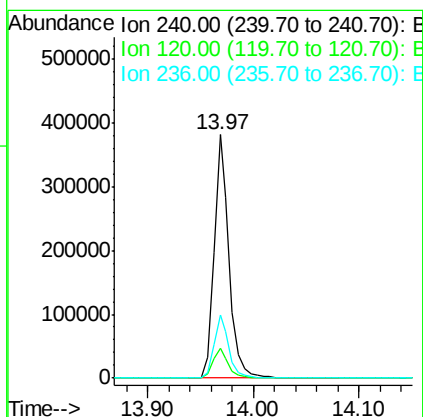
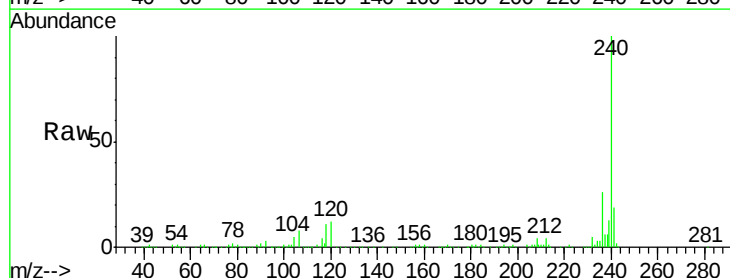
Instrument :
BNA_F
ClientSampleId :
PB105164BL

Tgt Ion:188 Resp: 506476
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101563.D
Acq: 20 Dec 2017 13:14

Tgt Ion:240 Resp: 378269
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 83.355 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF101563.D

Acq: 20 Dec 2017 13:14

Instrument :

BNA_F

ClientSampleId :

PB105164BL

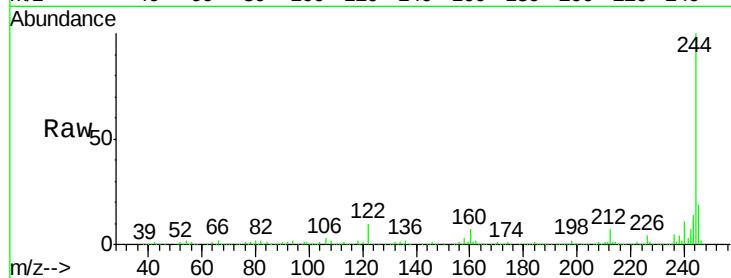
Tgt Ion:244 Resp: 1307911

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

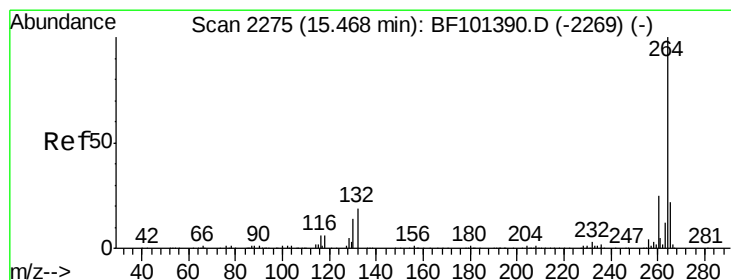
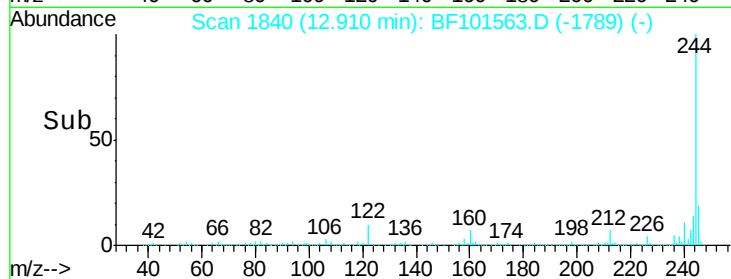
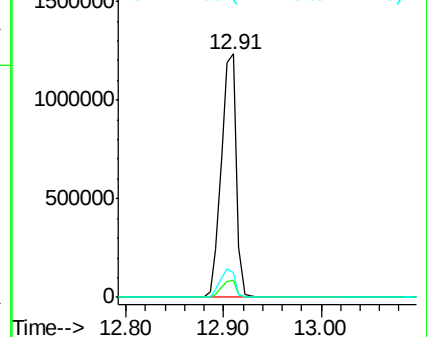
122 10.3 11.0 16.4#



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# 2269

Delta R.T. -0.00 min

Lab File: BF101563.D

Acq: 20 Dec 2017 13:14

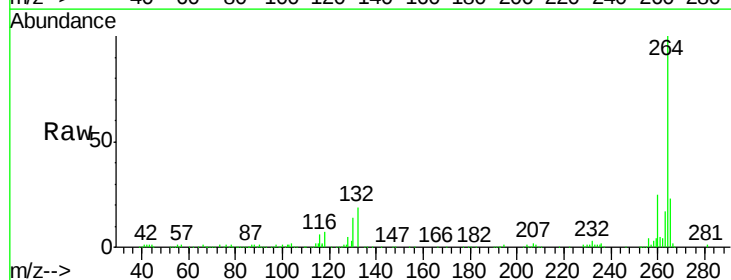
Tgt Ion:264 Resp: 272368

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.5 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

