

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101475.D
 Acq On : 18 Dec 2017 12:48
 Operator : SJ/JU
 Sample : PB105093BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BL

Quant Time: Dec 18 15:48:27 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	6.80	152	158994	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	649199	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	296676	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	627080	20.00	ng	0.00
75) Chrysene-d12	13.99	240	527803	20.00	ng	0.00
86) Perylene-d12	15.46	264	220030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1172172	109.82	ng	0.02
7) Phenol-d6	6.45	99	1429297	107.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	934232	80.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	365790	127.96	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1634965	85.49	ng	0.00
78) Terphenyl-d14	12.92	244	1764747	80.61	ng	0.00

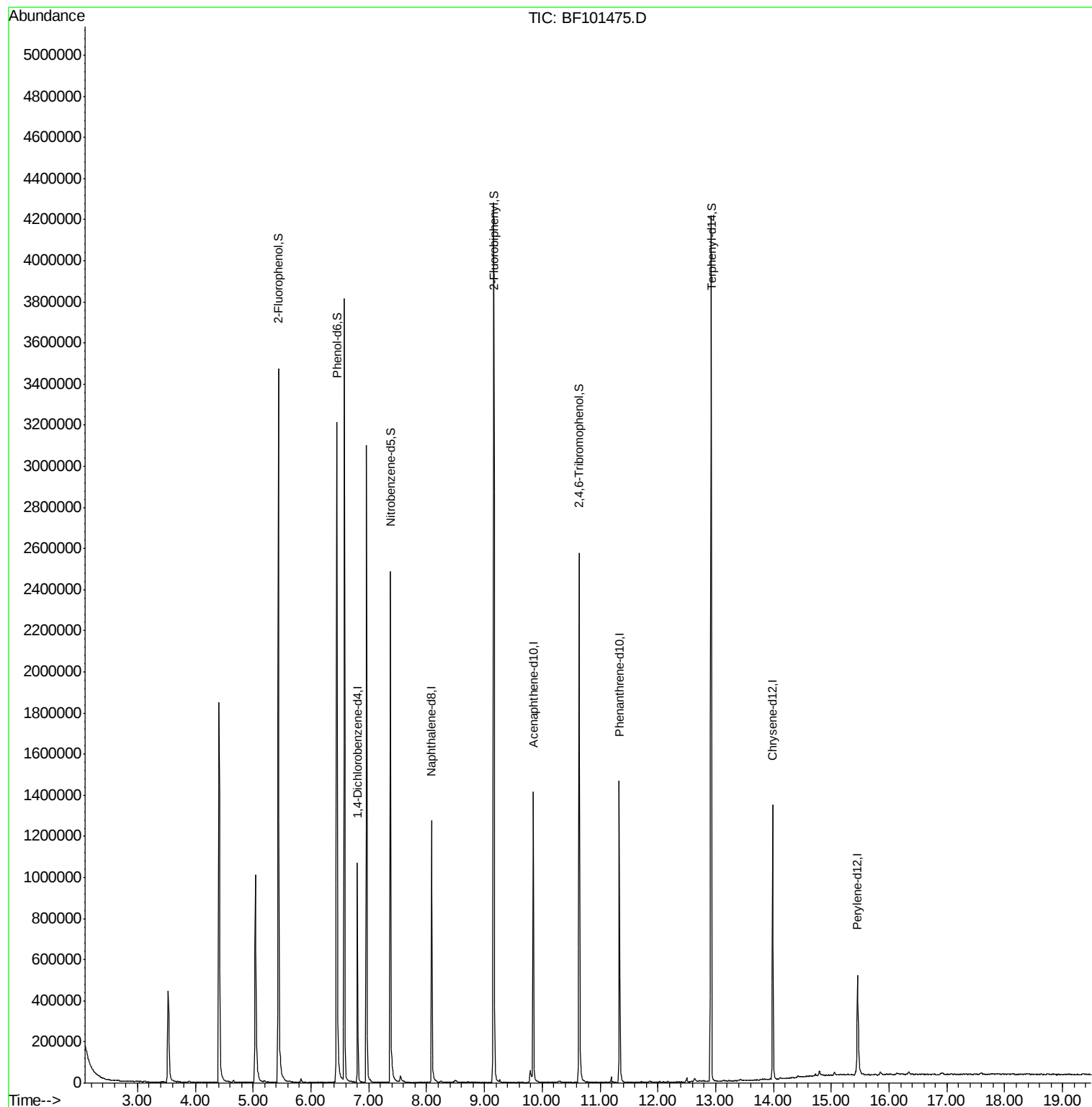
Target Compounds	Qvalue
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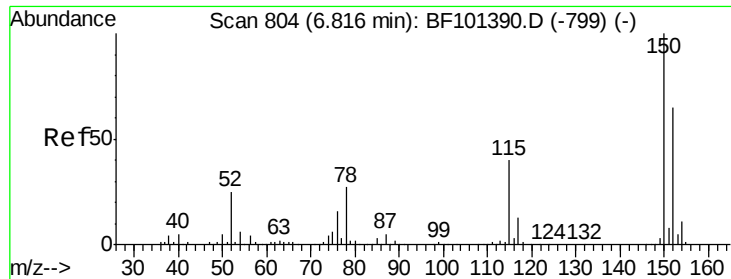
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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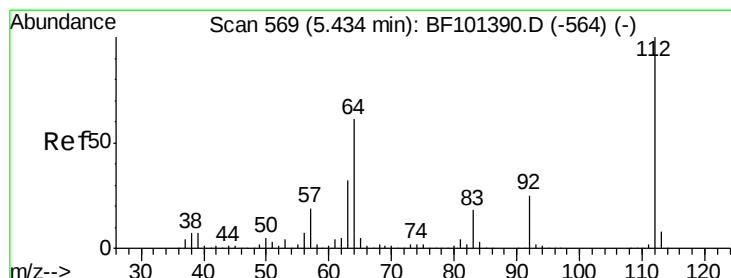
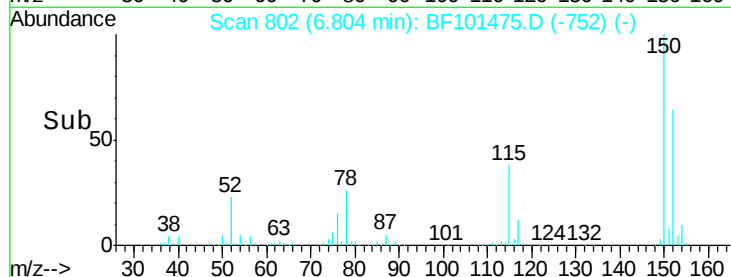
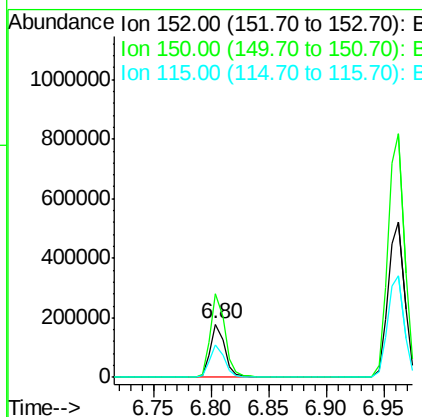
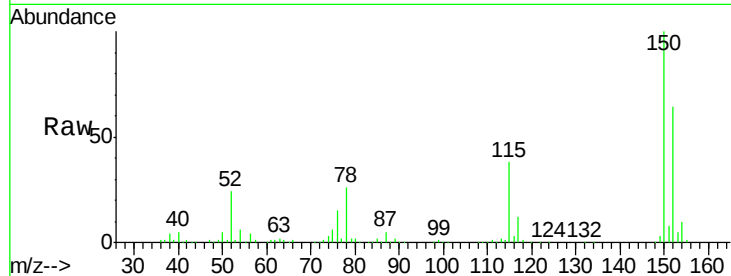


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101475.D
Acq: 18 Dec 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB105093BL

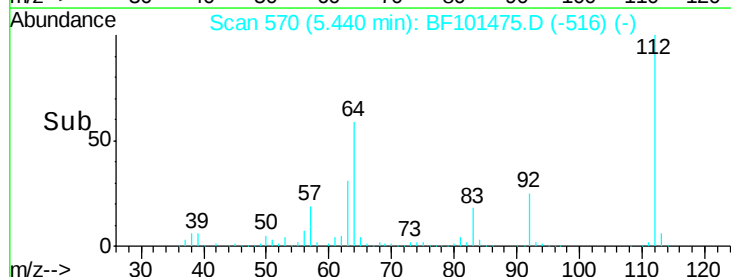
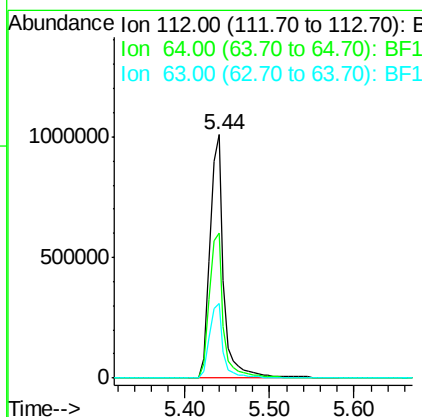
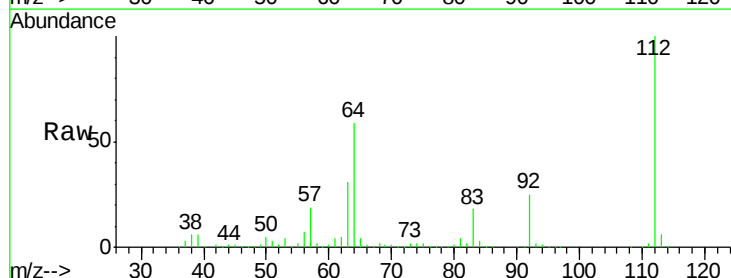
Tgt Ion:152 Resp: 158994
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.4 50.1 75.1

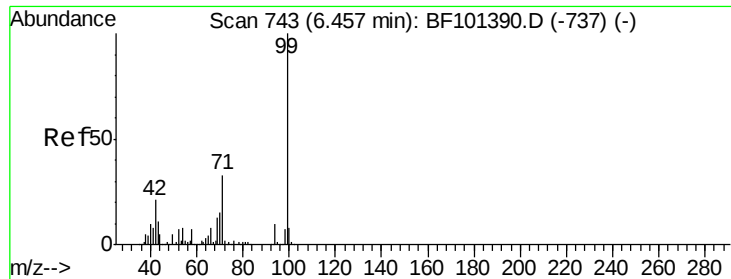


#5

2-Fluorophenol
Concen: 109.818 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF101475.D
Acq: 18 Dec 2017 12:48

Tgt Ion:112 Resp: 1172172
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 107.596 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB105093BL

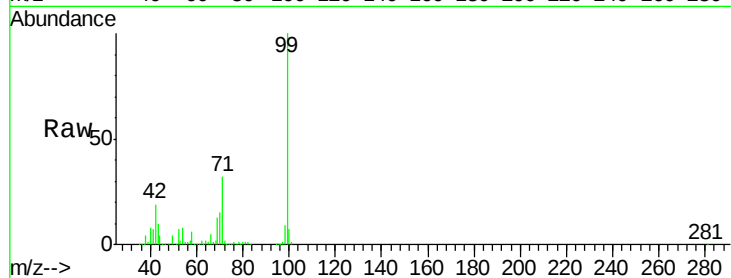
Tgt Ion: 99 Resp: 1429297

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

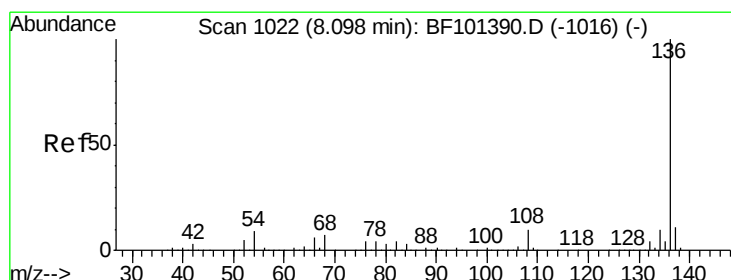
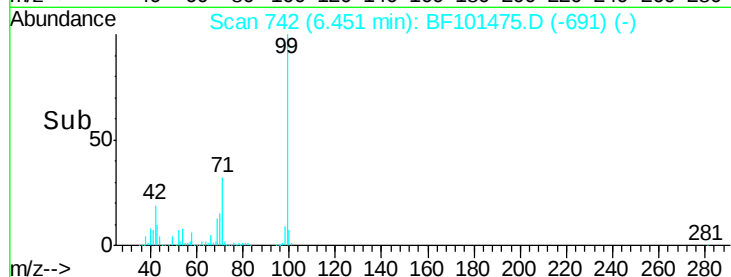
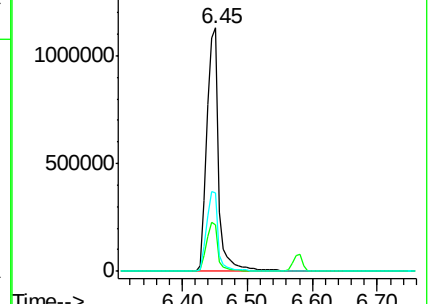
71 32.4 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Tgt Ion: 136 Resp: 649199

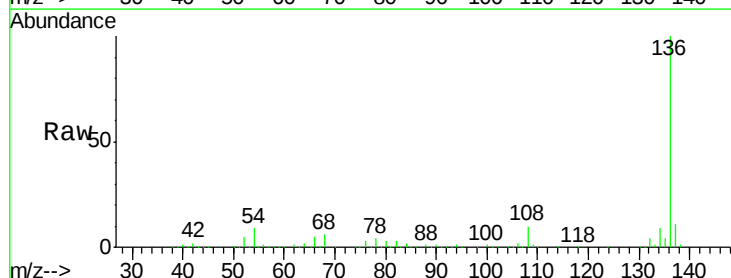
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4

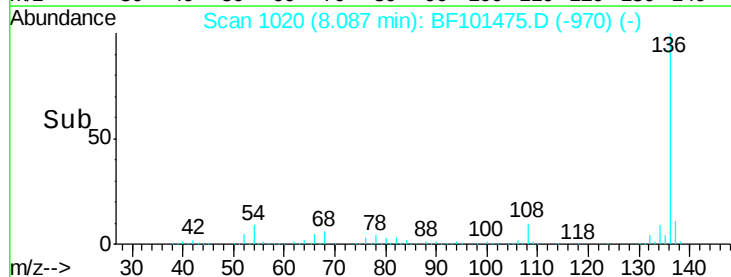
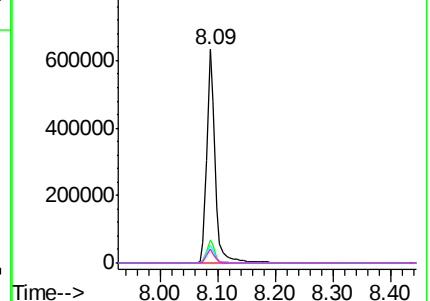


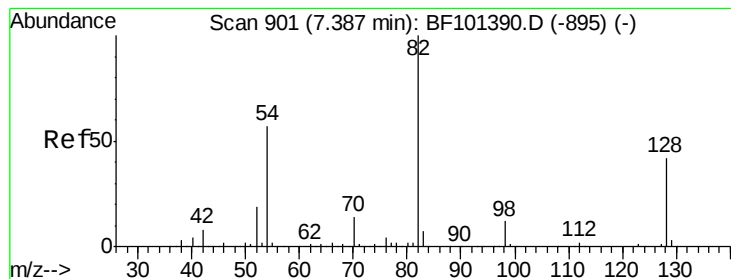
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.106 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB105093BL

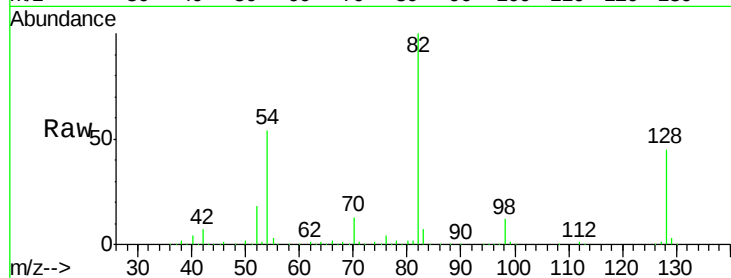
Tgt Ion: 82 Resp: 934232

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

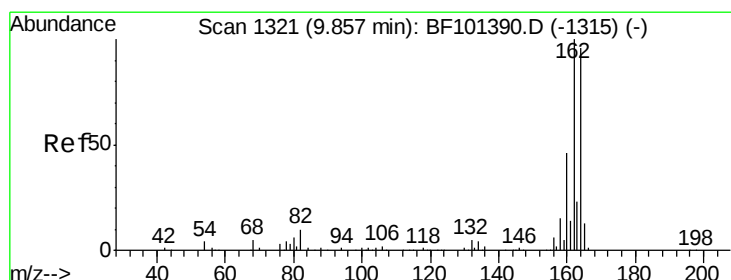
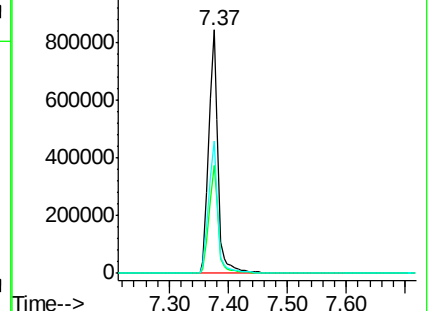
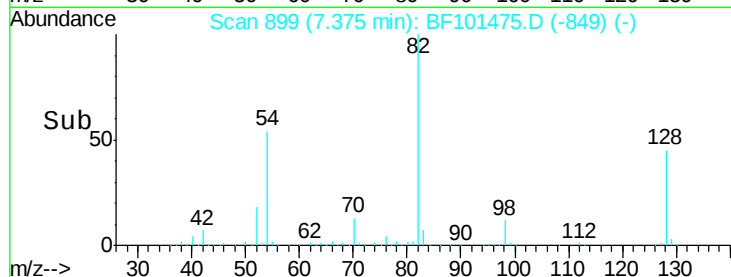
54 54.3 41.4 62.2



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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101475.D

Acq: 18 Dec 2017 12:48

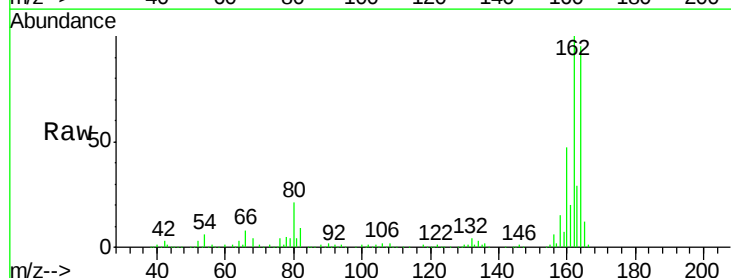
Tgt Ion: 164 Resp: 296676

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

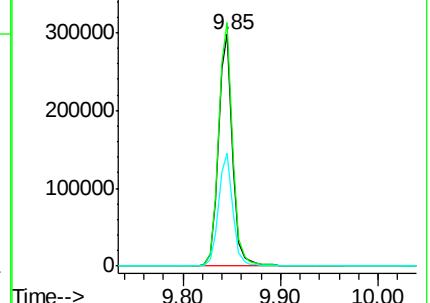
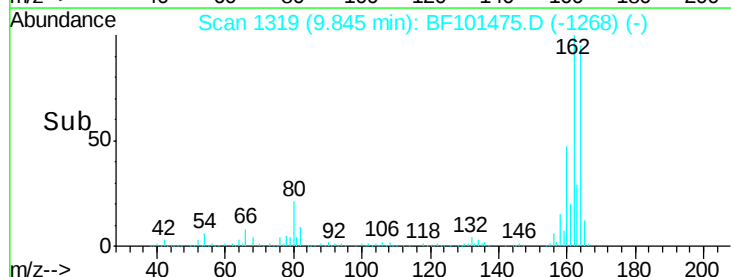
160 49.0 38.3 57.5

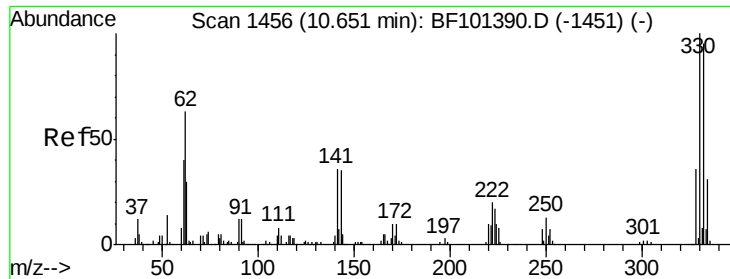


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

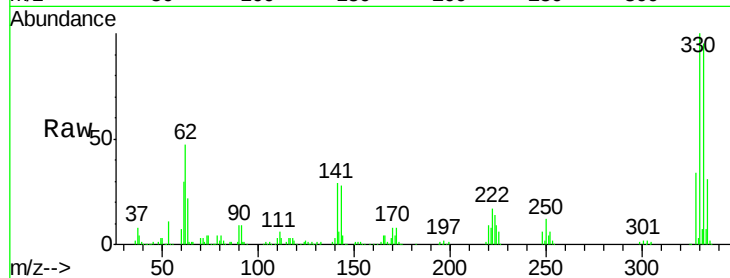




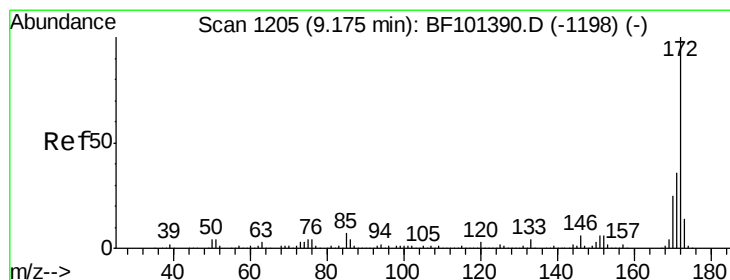
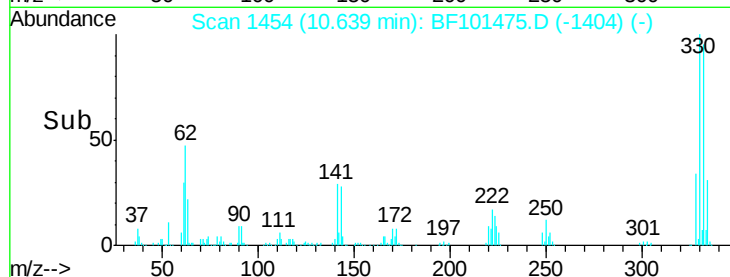
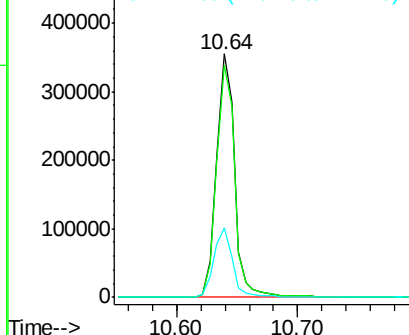
#41
 2,4,6-Tribromophenol
 Concen: 127.957 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101475.D
 Acq: 18 Dec 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BL

Tgt Ion: 330 Resp: 365790
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 29.7 29.9 44.9#

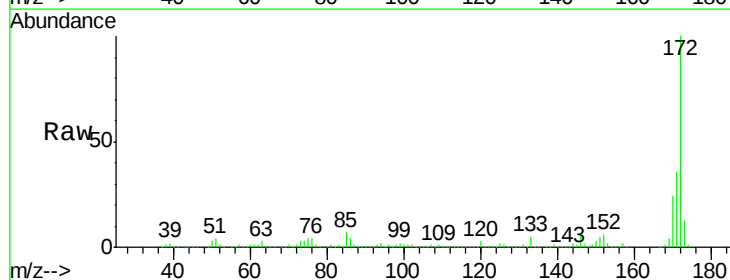


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

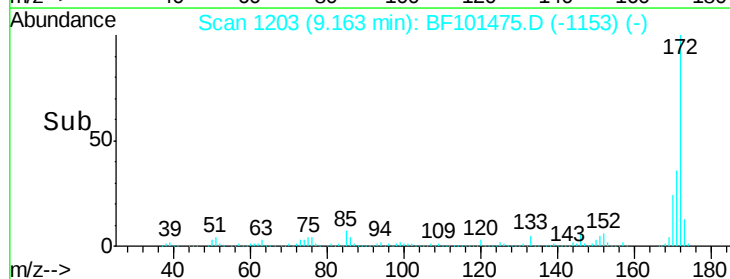
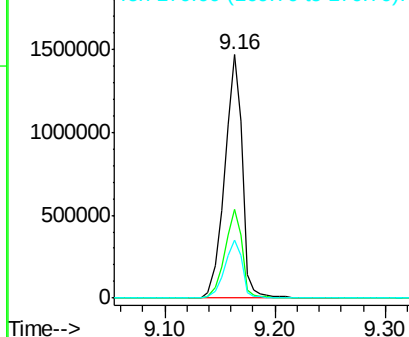


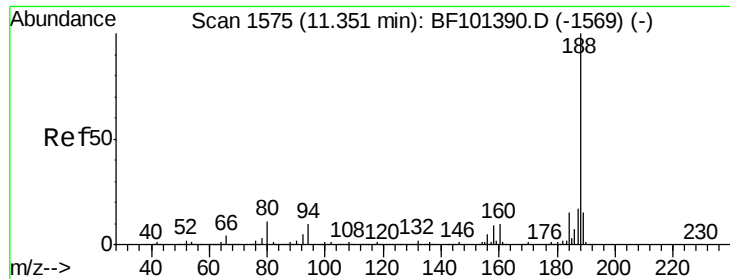
#44
 2-Fluorobiphenyl
 Concen: 85.488 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101475.D
 Acq: 18 Dec 2017 12:48

Tgt Ion: 172 Resp: 1634965
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 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

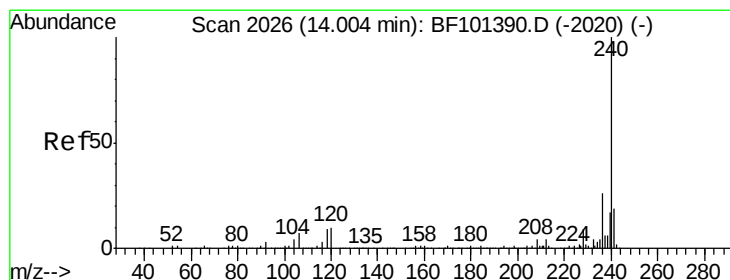
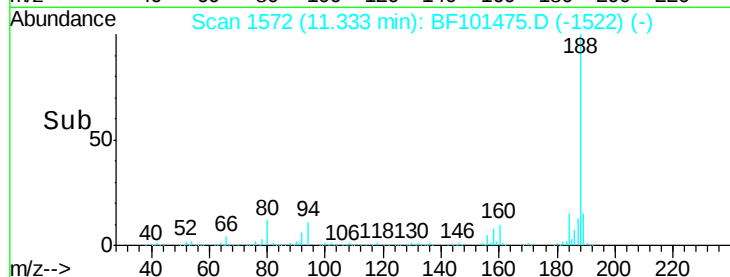
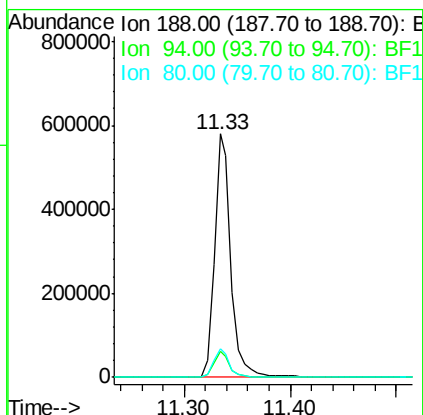
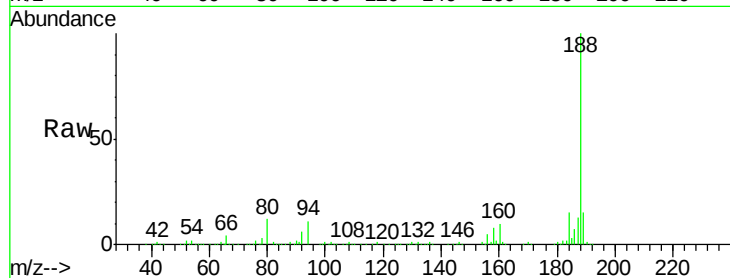




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF101475.D
Acq: 18 Dec 2017 12:48

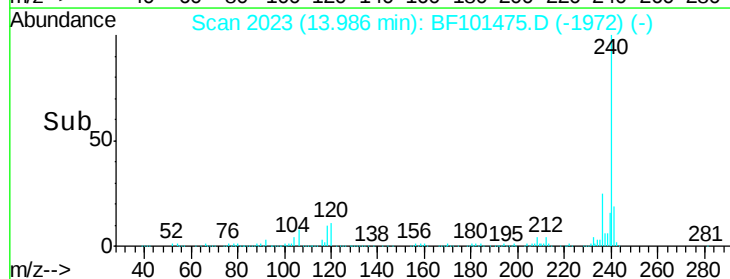
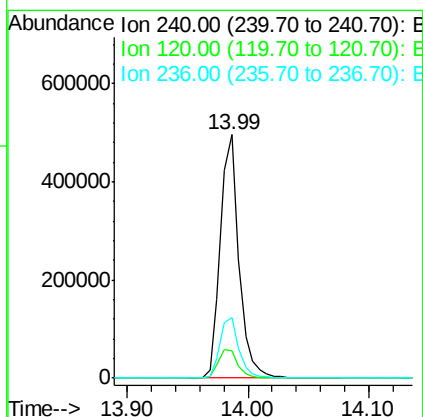
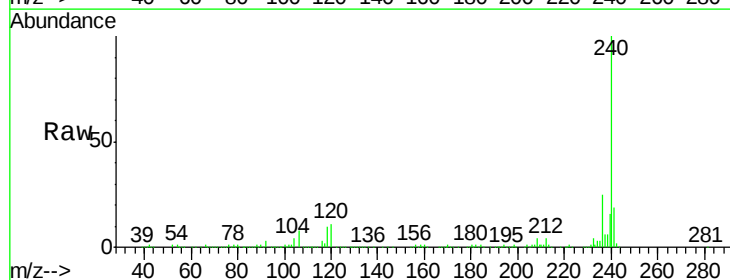
Instrument :
BNA_F
ClientSampleId :
PB105093BL

Tgt Ion:188 Resp: 627080
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101475.D
Acq: 18 Dec 2017 12:48

Tgt Ion:240 Resp: 527803
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.1 20.7 31.1

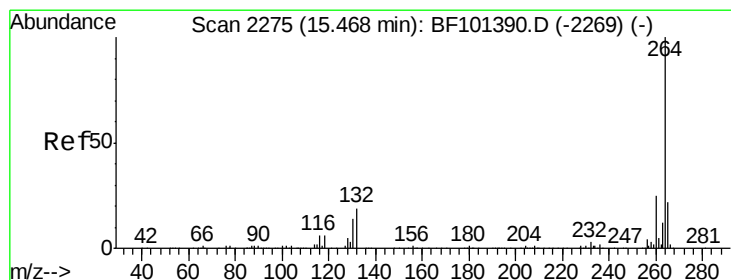
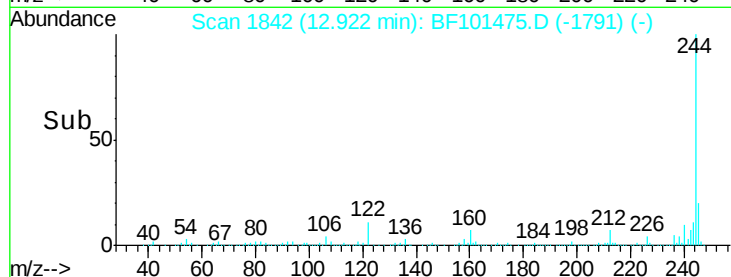
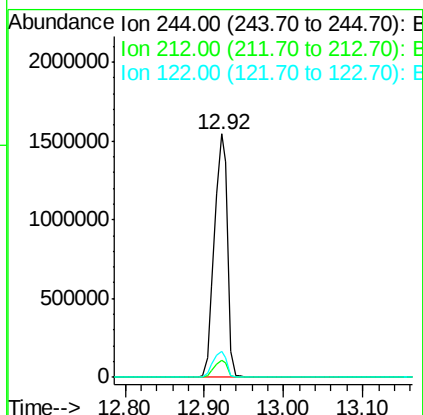
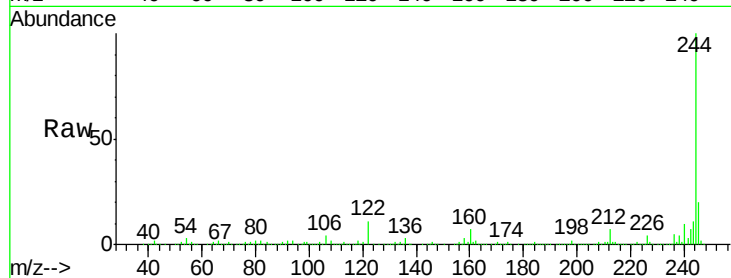




#78
 Terphenyl-d14
 Concen: 80.606 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF101475.D
 Acq: 18 Dec 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB105093BL

Tgt Ion:244 Resp: 1764747
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101475.D
 Acq: 18 Dec 2017 12:48

Tgt Ion:264 Resp: 220030
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.2 28.8
 265 20.1 17.5 26.3

