

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101501.D
 Acq On : 19 Dec 2017 2:03
 Operator : SJ/JU
 Sample : I6882-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-D-M

Quant Time: Dec 19 06:54:25 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	133070	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	494656	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	182152	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	283125	20.00	ng	0.00
75) Chrysene-d12	13.99	240	301794	20.00	ng	0.00
86) Perylene-d12	15.46	264	304726	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	267514	29.95	ng	0.00
7) Phenol-d6	6.45	99	289667	26.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	282370	31.78	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	54345	30.96	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	515263	43.88	ng	0.00
78) Terphenyl-d14	12.92	244	357735	28.58	ng	0.00

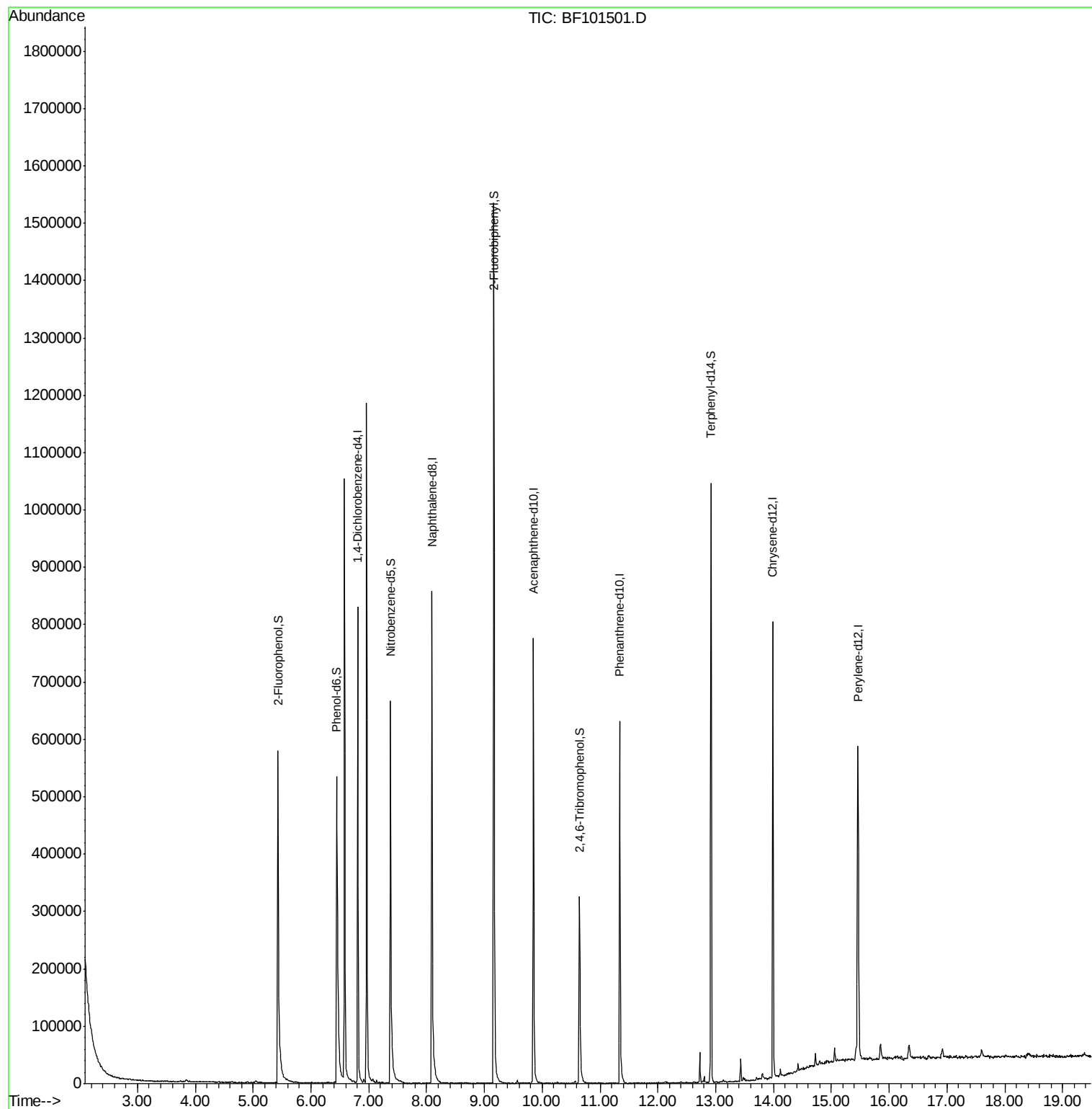
Target Compounds	Qvalue
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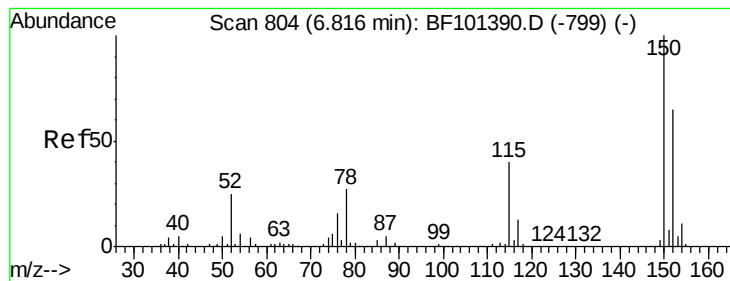
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF101501.D

Acq: 19 Dec 2017 2:03

Instrument :

BNA_F

ClientSampleId :

121117-FOPI-E-D-M

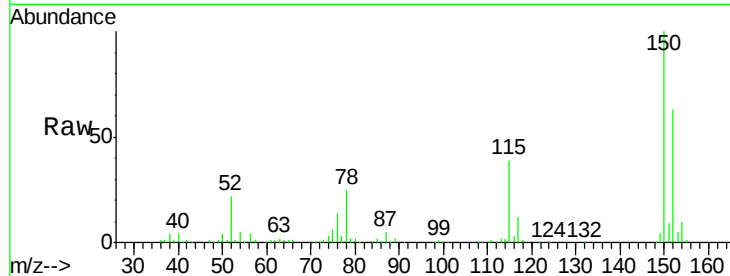
Tgt Ion:152 Resp: 133070

Ion Ratio Lower Upper

152 100

150 157.7 124.6 186.8

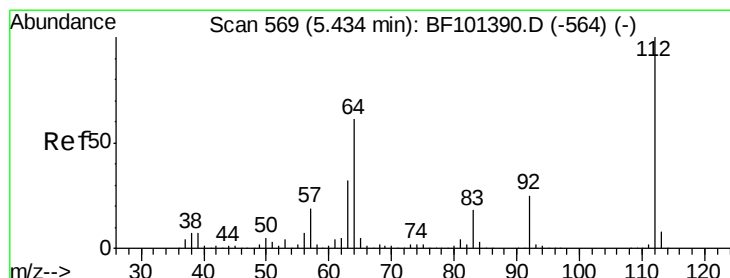
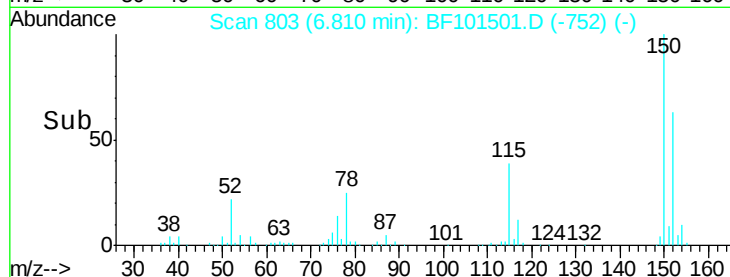
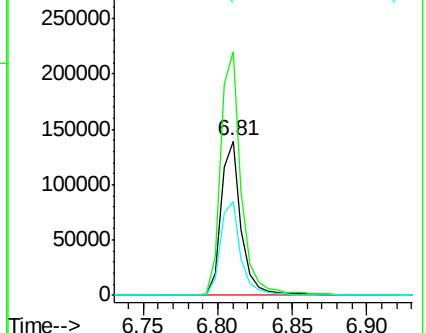
115 60.9 50.1 75.1



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: 29.945 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF101501.D

Acq: 19 Dec 2017 2:03

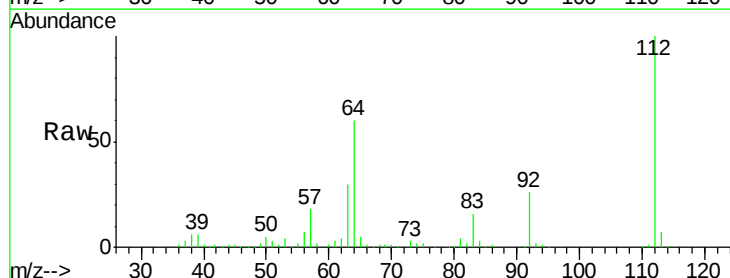
Tgt Ion:112 Resp: 267514

Ion Ratio Lower Upper

112 100

64 59.9 47.9 71.9

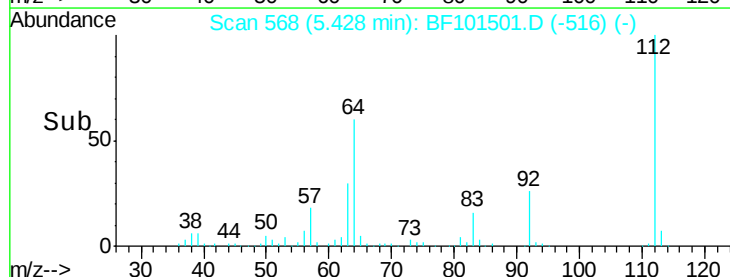
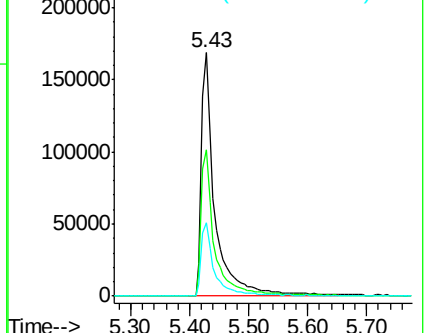
63 29.9 23.7 35.5



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: 26.054 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101501.D

Acq: 19 Dec 2017 2:03

Instrument :

BNA_F

ClientSampleId :

121117-FOPI-E-D-M

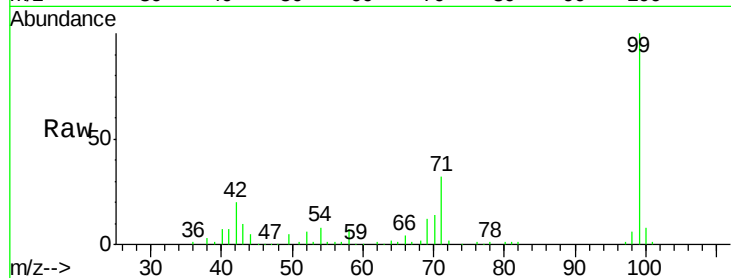
Tgt Ion: 99 Resp: 289667

Ion Ratio Lower Upper

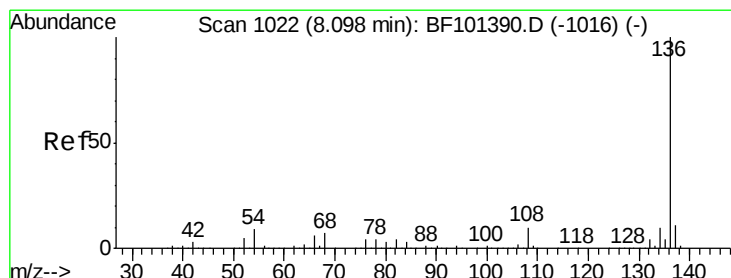
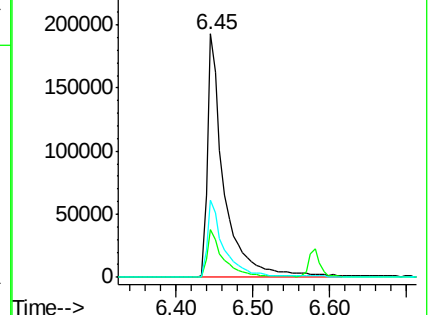
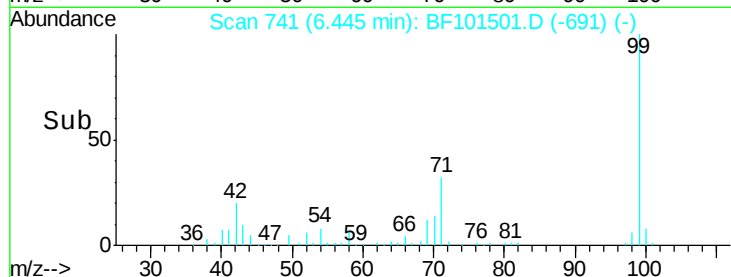
99 100

42 19.8 14.5 21.7

71 31.7 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: BF101501.D

Acq: 19 Dec 2017 2:03

Tgt Ion: 136 Resp: 494656

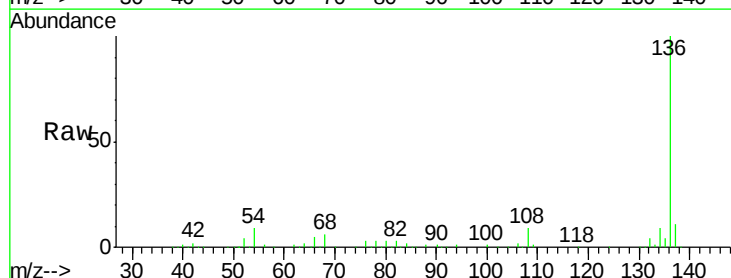
Ion Ratio Lower Upper

136 100

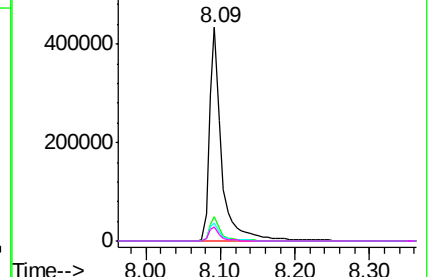
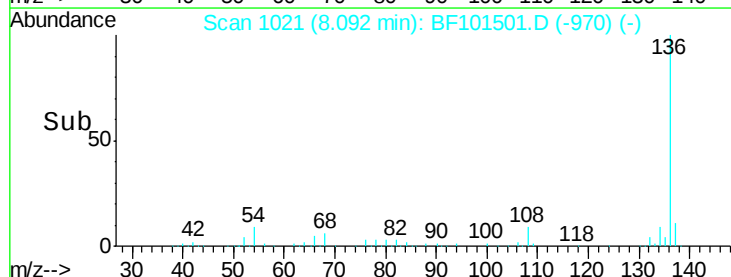
137 11.1 8.9 13.3

54 8.6 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

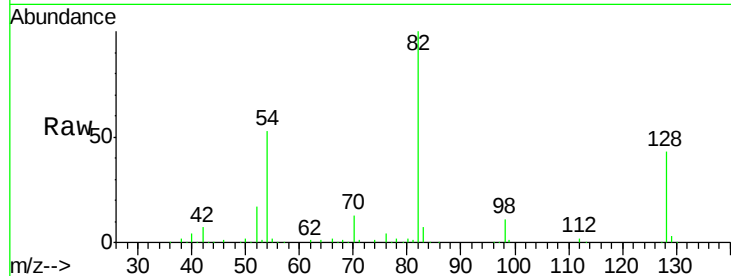




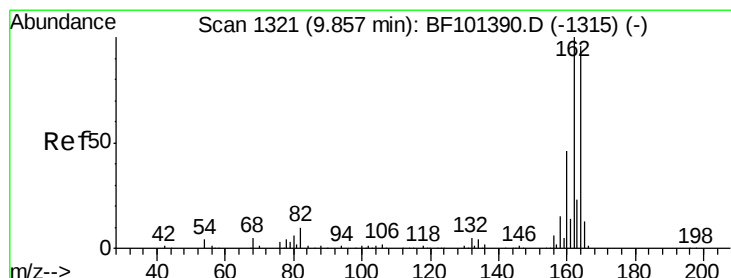
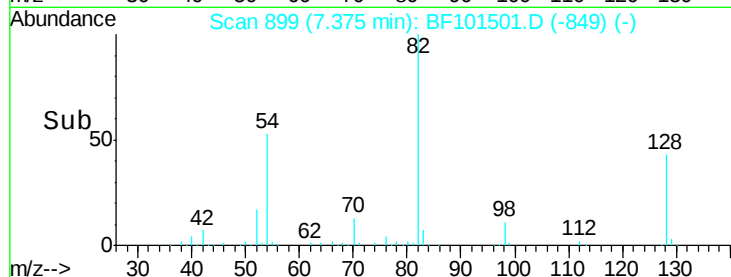
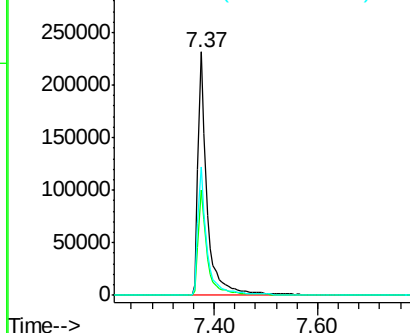
#23
 Nitrobenzene-d5
 Concen: 31.776 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101501.D
 Acq: 19 Dec 2017 2:03

Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-D-M

Tgt Ion: 82 Resp: 282370
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 52.6 41.4 62.2

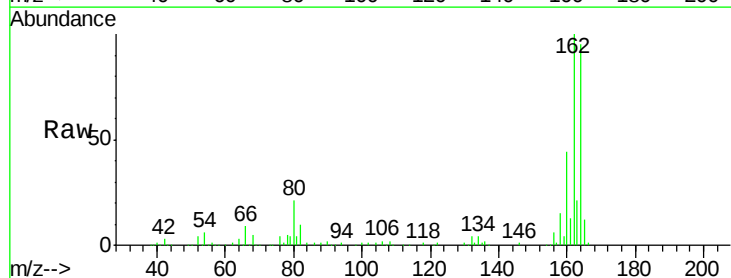


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

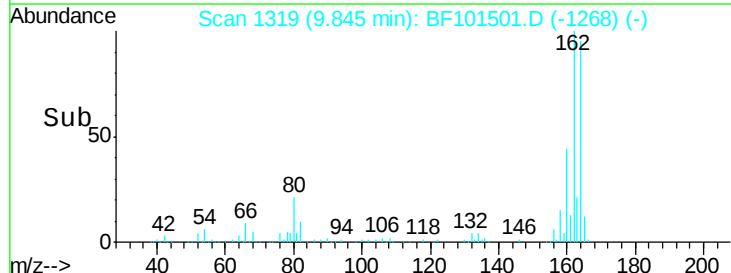
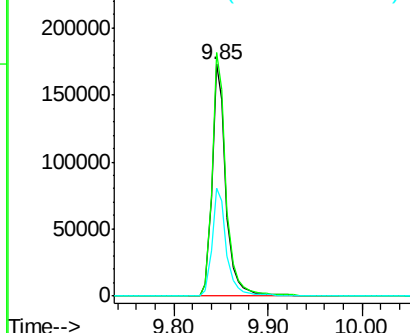


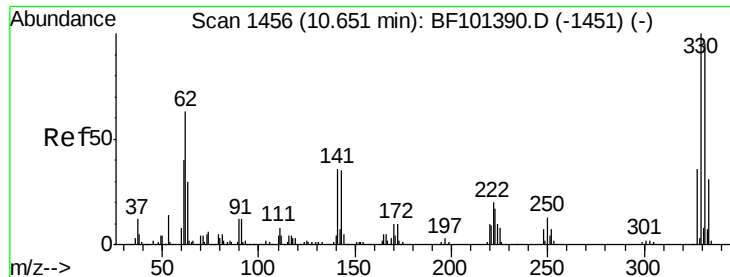
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101501.D
 Acq: 19 Dec 2017 2:03

Tgt Ion: 164 Resp: 182152
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.7 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

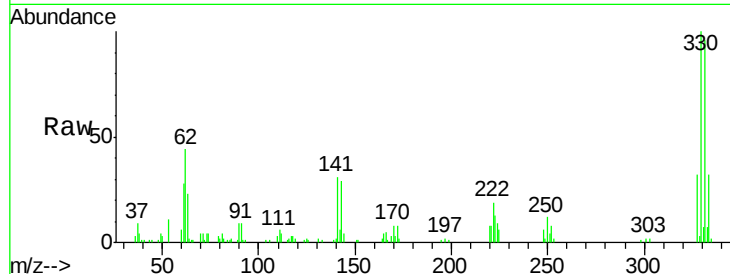




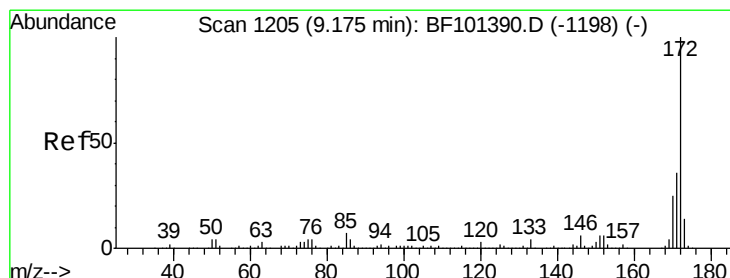
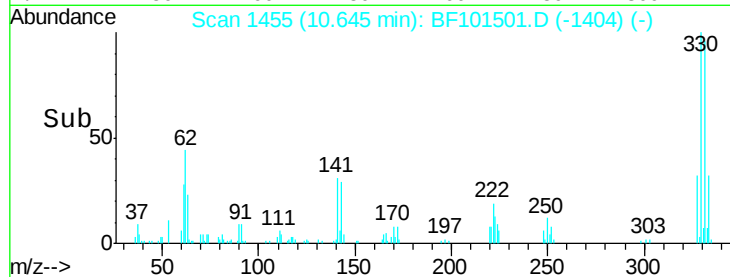
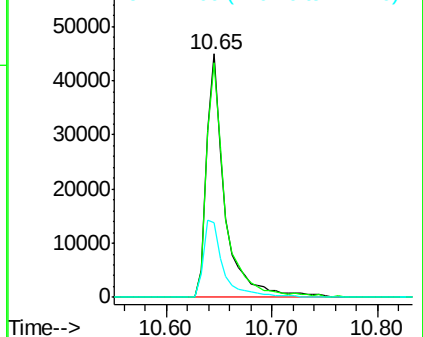
#41
 2,4,6-Tribromophenol
 Concen: 30.963 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101501.D
 Acq: 19 Dec 2017 2:03

Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-D-M

Tgt Ion: 330 Resp: 54345
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 34.2 29.9 44.9

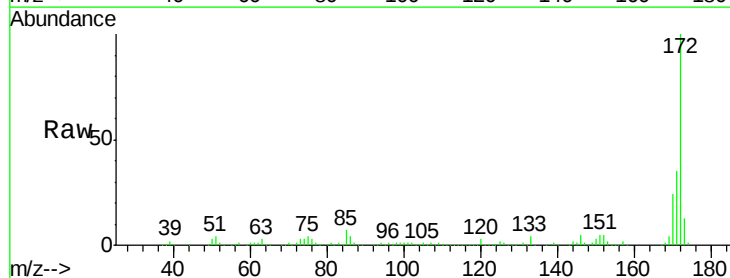


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

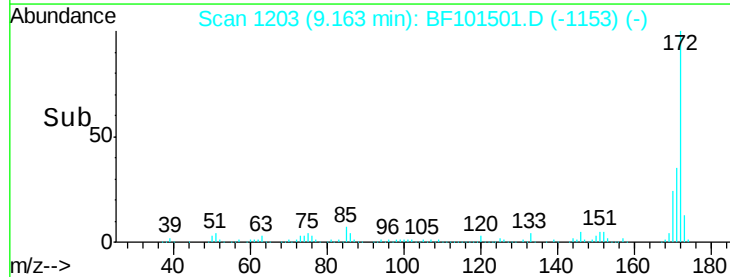
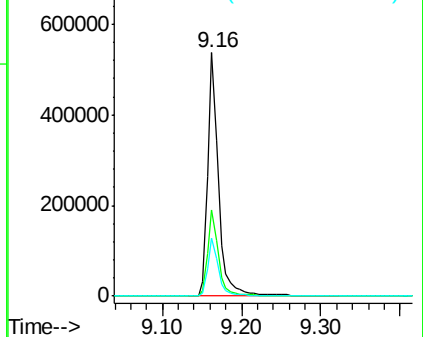


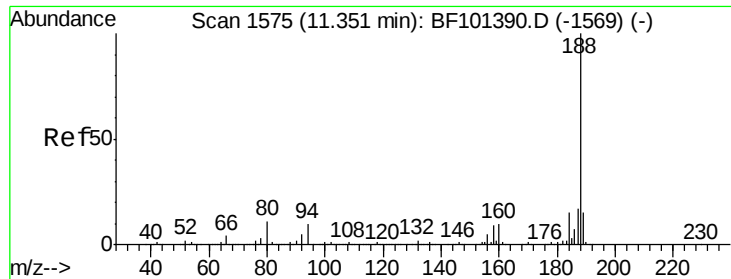
#44
 2-Fluorobiphenyl
 Concen: 43.881 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101501.D
 Acq: 19 Dec 2017 2:03

Tgt Ion: 172 Resp: 515263
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.8 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

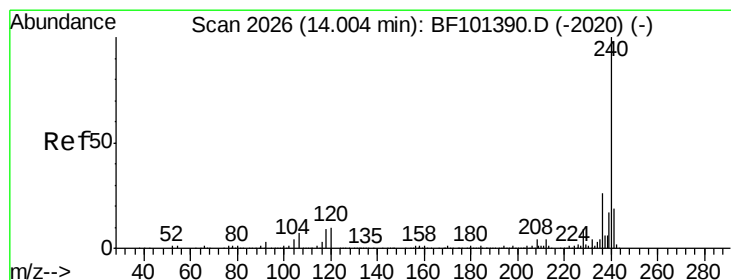
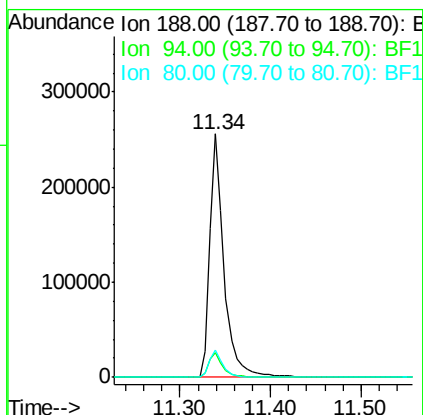
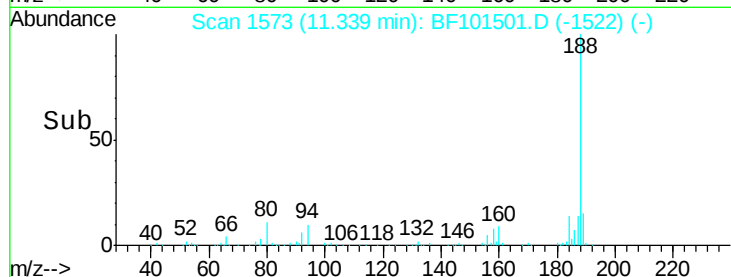
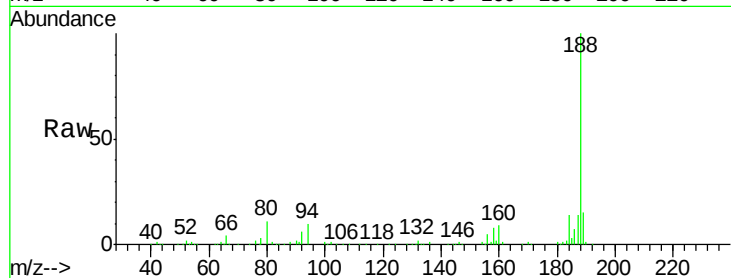




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101501.D
Acq: 19 Dec 2017 2:03

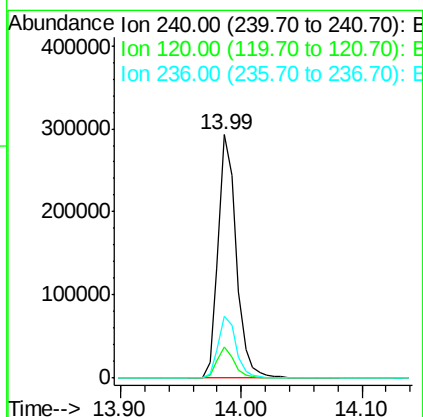
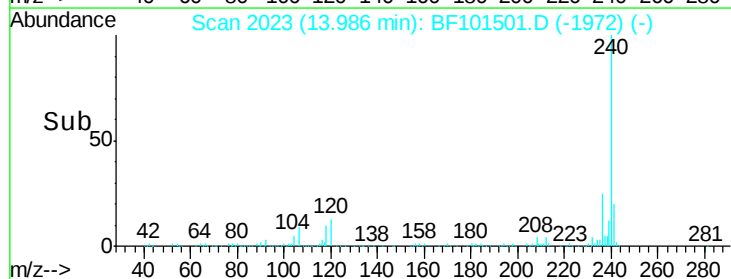
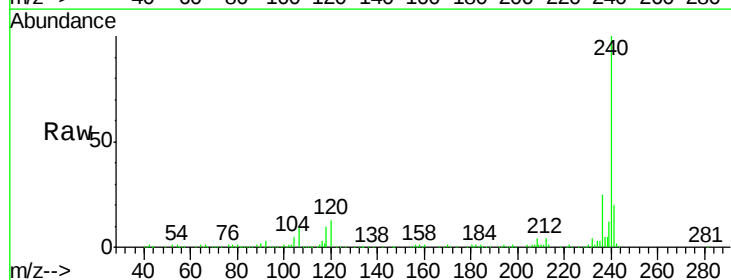
Instrument :
BNA_F
ClientSampleId :
121117-FOPI-E-D-M

Tgt Ion:188 Resp: 283125
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.1 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: BF101501.D
Acq: 19 Dec 2017 2:03

Tgt Ion:240 Resp: 301794
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 28.576 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101501.D

Acq: 19 Dec 2017 2:03

Instrument :

BNA_F

ClientSampleId :

121117-FOPI-E-D-M

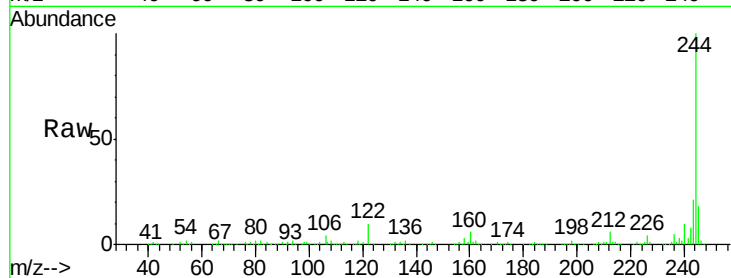
Tgt Ion:244 Resp: 357735

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

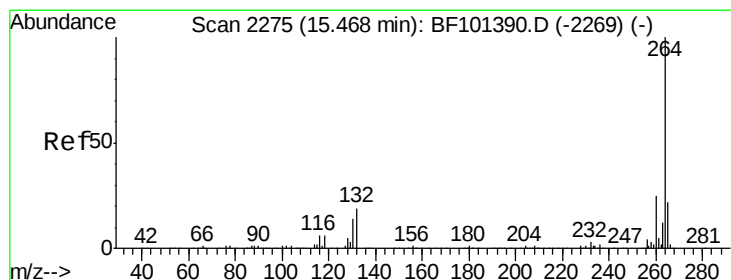
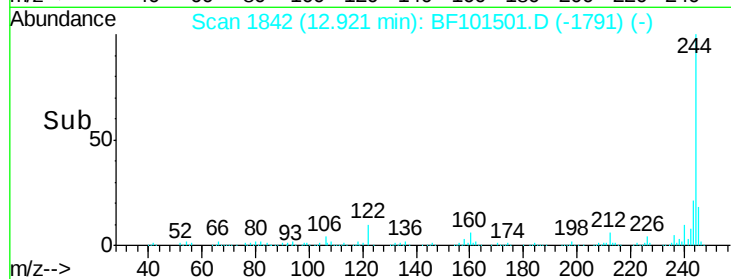
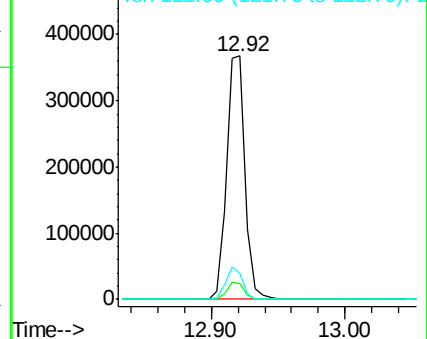
122 10.4 11.0 16.4#



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: BF101501.D

Acq: 19 Dec 2017 2:03

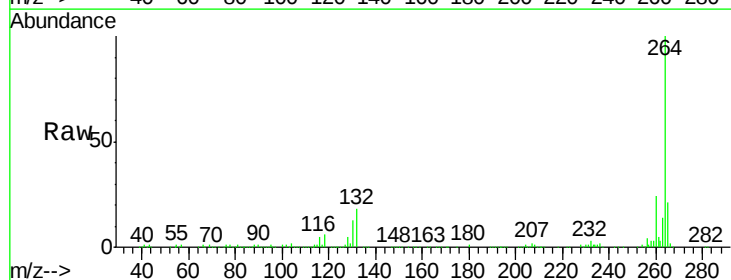
Tgt Ion:264 Resp: 304726

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.3 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

