

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099476.D
 Acq On : 14 Oct 2017 14:55
 Operator : SJ/JU
 Sample : PB103186BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103186BL

Quant Time: Oct 14 23:53:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99650	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	406874	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185250	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	330385	20.00	ng	0.00
75) Chrysene-d12	14.02	240	216947	20.00	ng	0.00
86) Perylene-d12	15.49	264	161412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	739699	118.17	ng	0.01
7) Phenol-d6	6.49	99	862876	111.74	ng	0.00
23) Nitrobenzene-d5	7.42	82	528717	83.33	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	190314	125.55	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1011008	91.11	ng	0.00
78) Terphenyl-d14	12.96	244	866504	90.83	ng	0.00

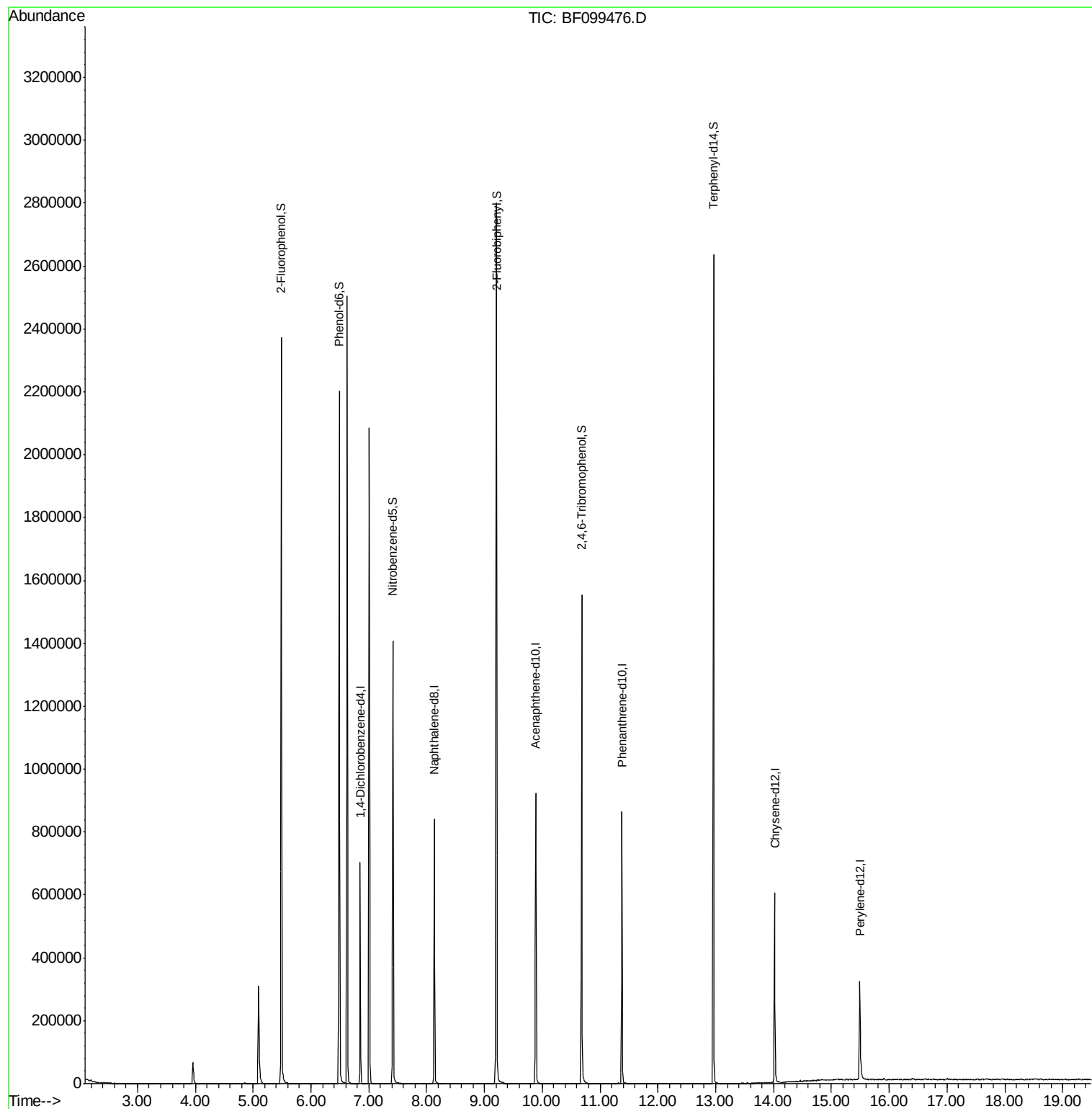
Target Compounds	Qvalue
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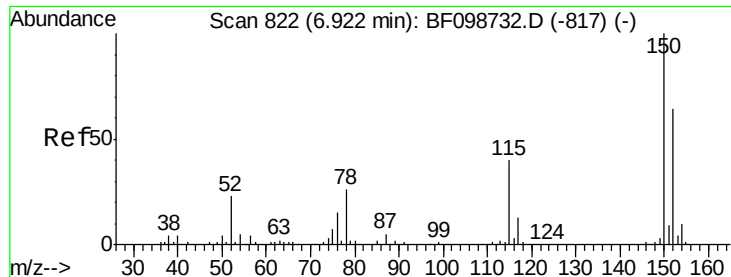
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

Instrument :

BNA_F

ClientSampleId :

PB103186BL

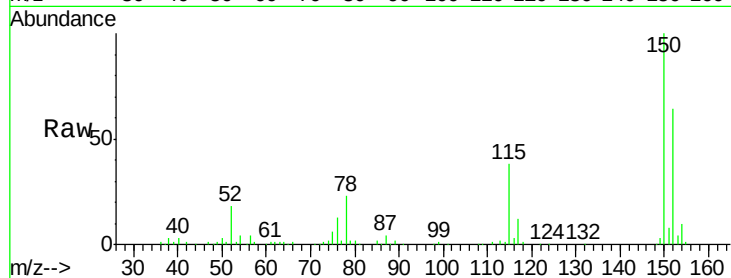
Tgt Ion:152 Resp: 99650

Ion Ratio Lower Upper

152 100

150 157.3 124.6 186.8

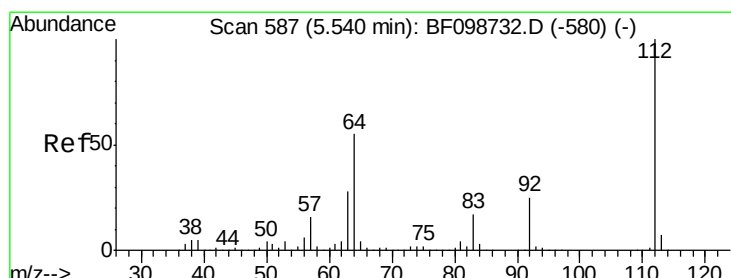
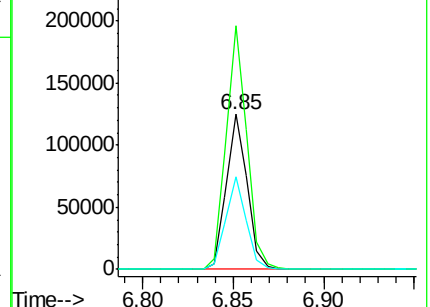
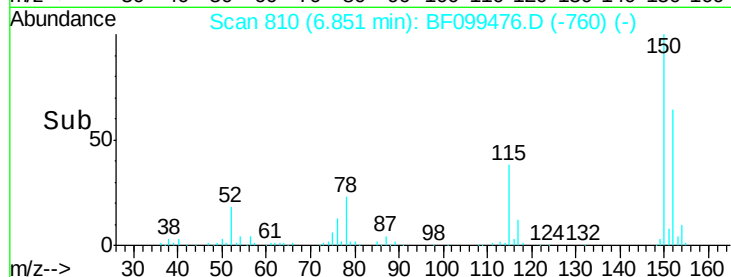
115 60.1 50.1 75.1



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: 118.17 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

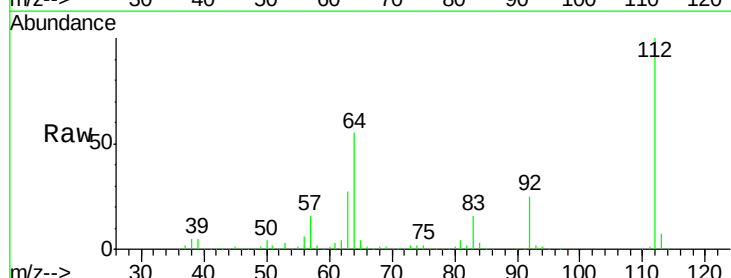
Tgt Ion:112 Resp: 739699

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

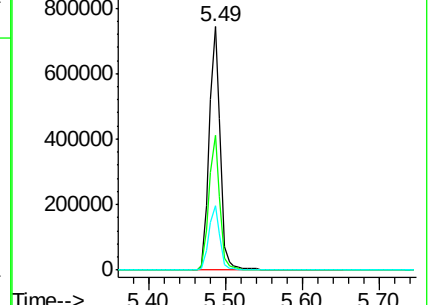
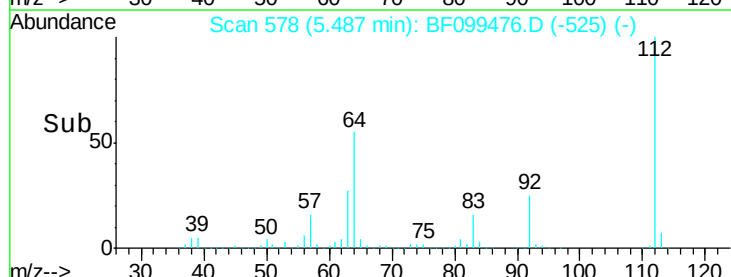
63 26.7 23.7 35.5

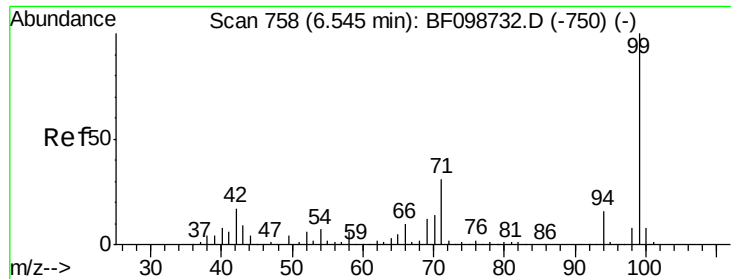


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.74 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

Instrument :

BNA_F

ClientSampleId :

PB103186BL

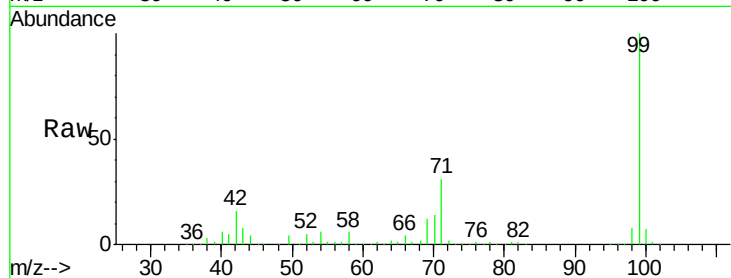
Tgt Ion: 99 Resp: 862876

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

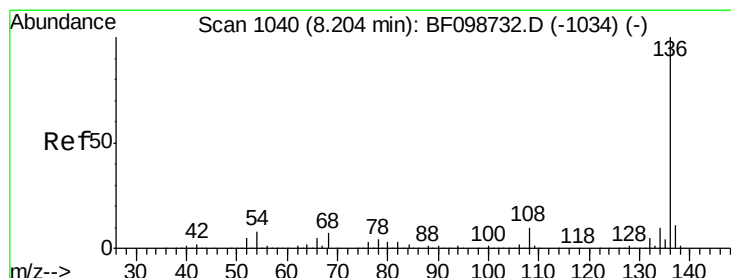
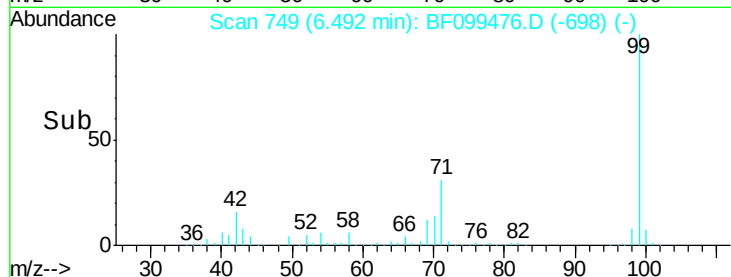
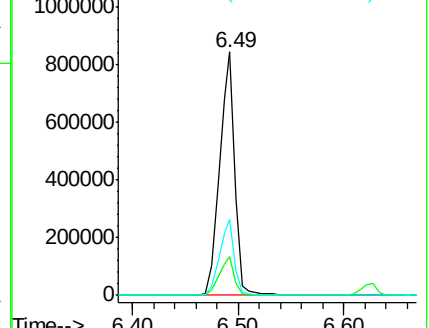
71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

Tgt Ion: 136 Resp: 406874

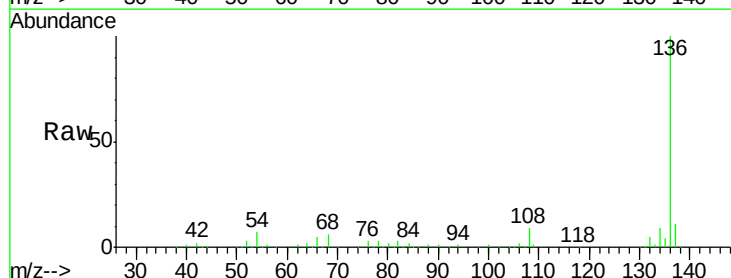
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4

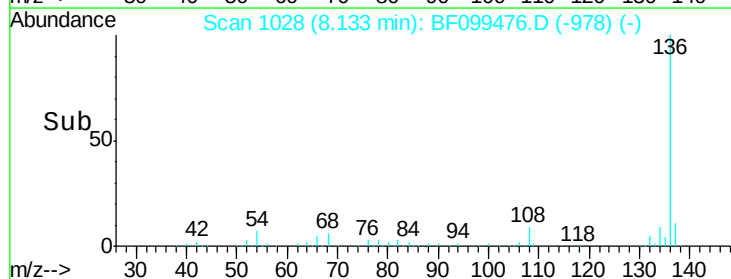
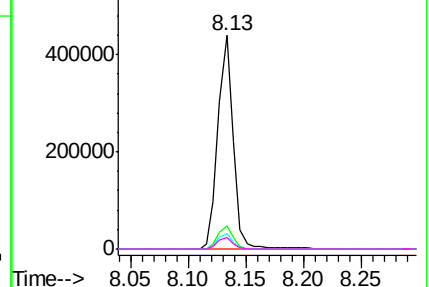


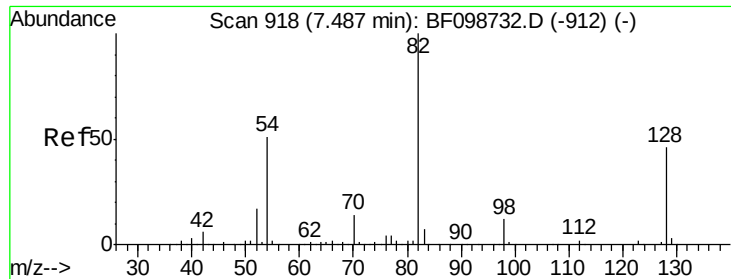
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

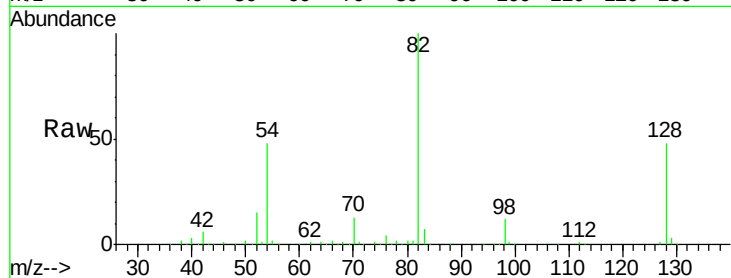




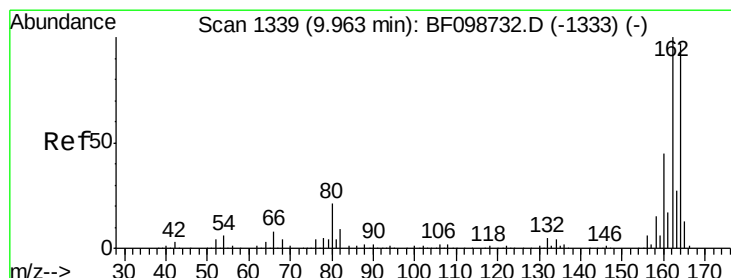
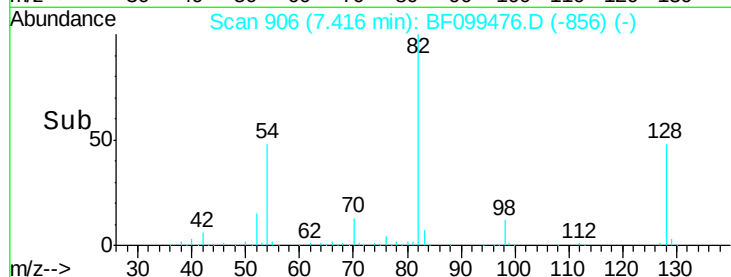
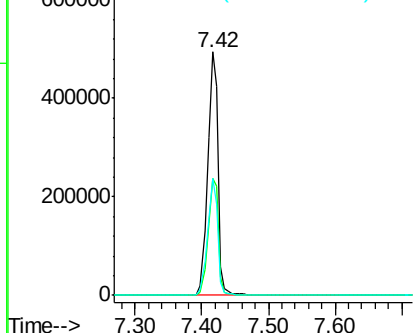
#23
 Nitrobenzene-d5
 Concen: 83.33 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103186BL

Tgt Ion: 82 Resp: 528717
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.1 54.1
 54 47.9 41.4 62.2

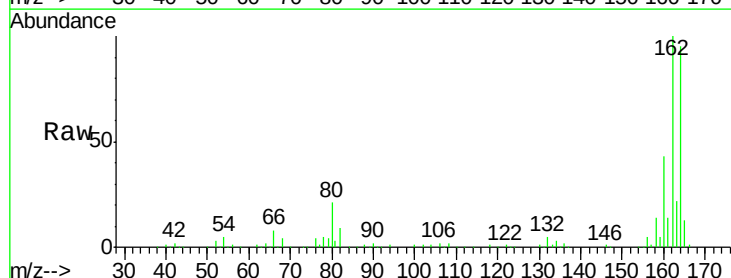


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

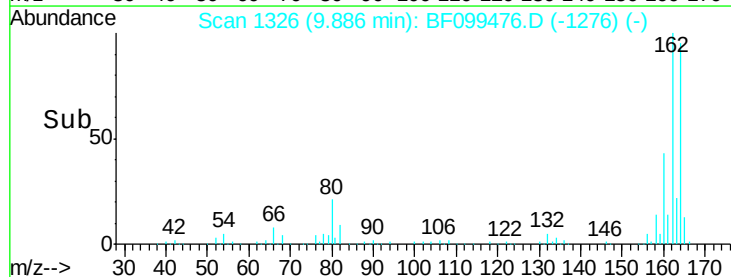
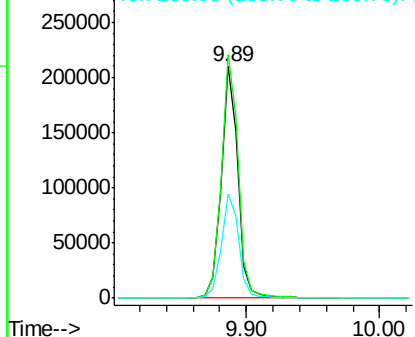


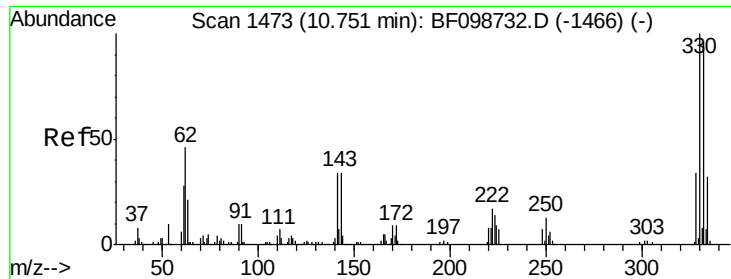
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

Tgt Ion: 164 Resp: 185250
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

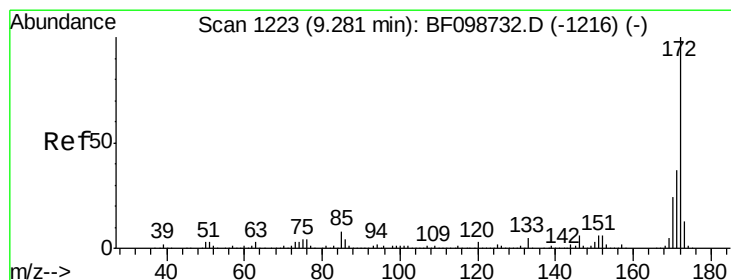
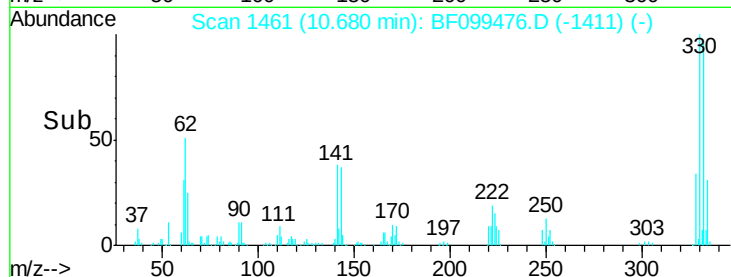
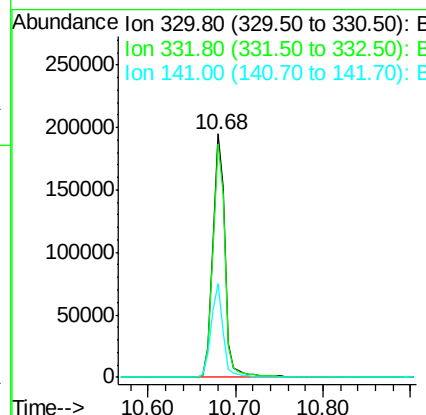
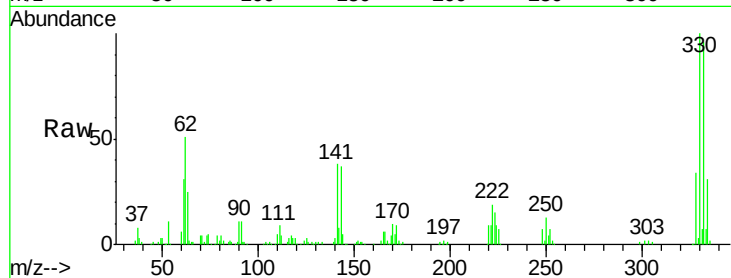




#41
 2,4,6-Tribromophenol
 Concen: 125.55 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

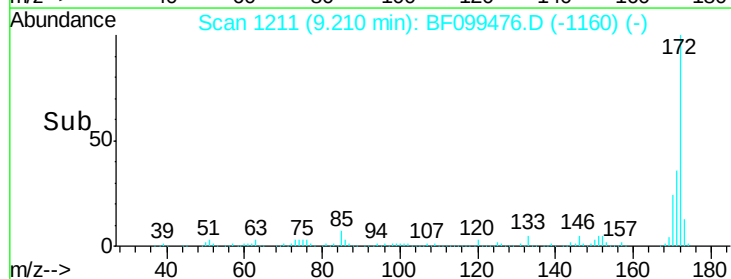
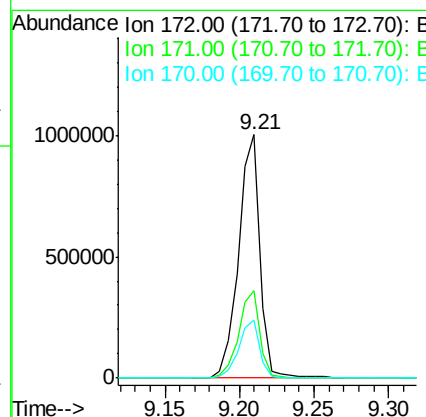
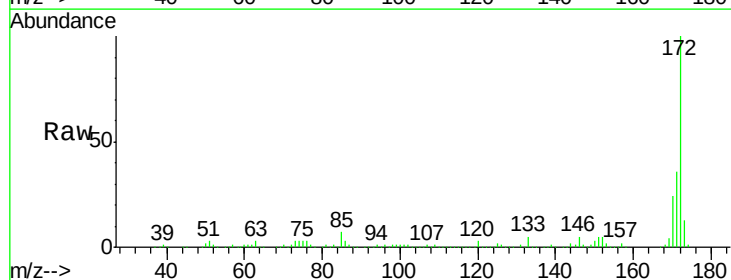
Instrument :
 BNA_F
 ClientSampleId :
 PB103186BL

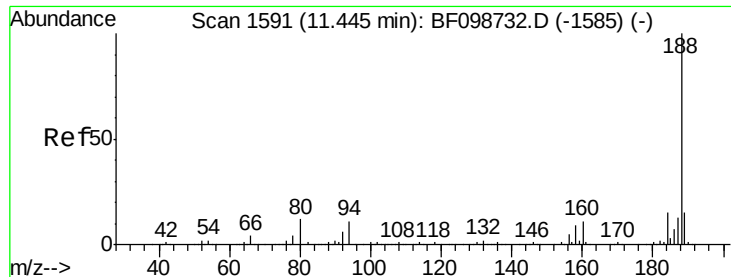
Tgt Ion:330 Resp: 190314
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 37.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 91.11 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

Tgt Ion:172 Resp: 1011008
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.9 19.6 29.4

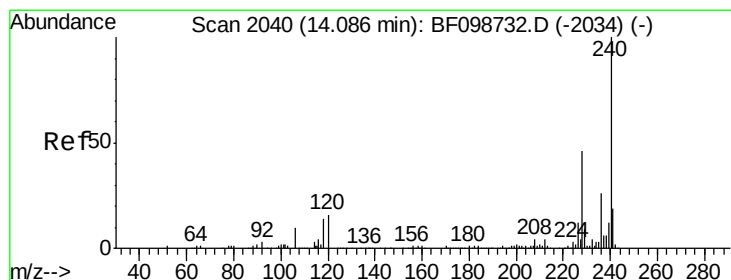
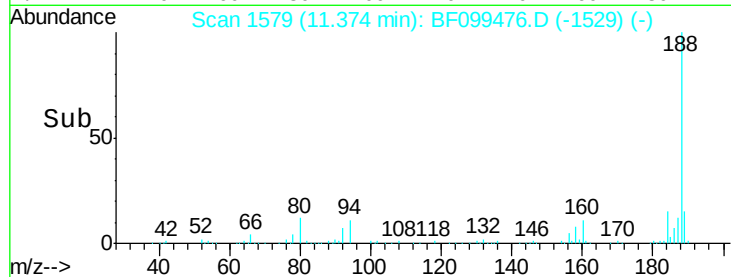
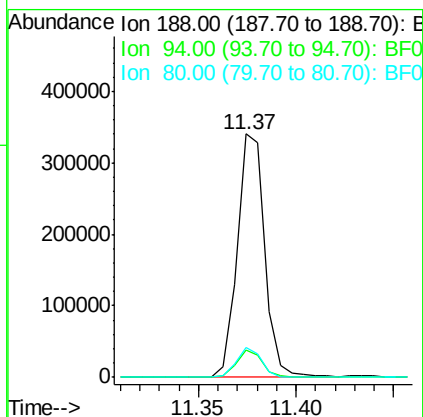
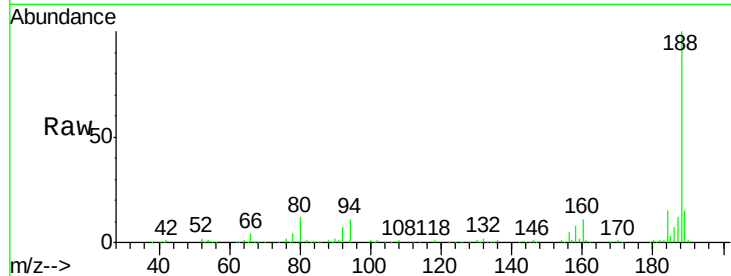




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

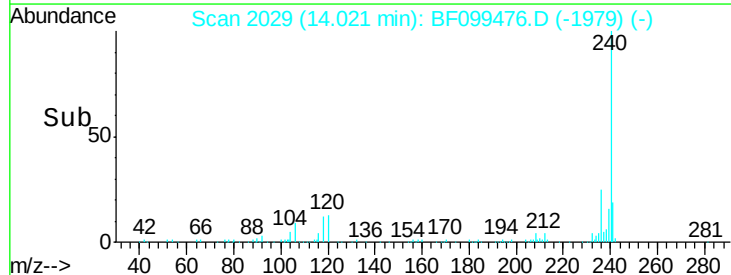
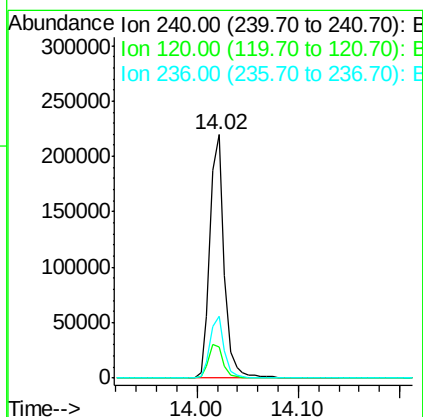
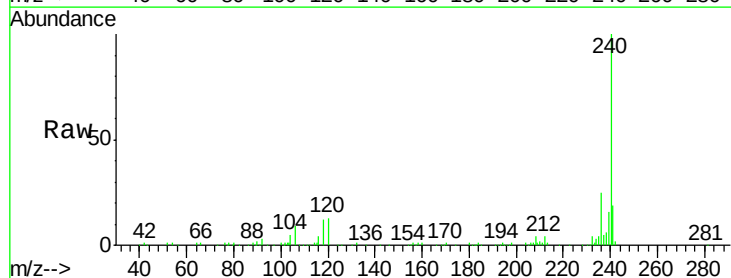
Instrument :
 BNA_F
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 PB103186BL

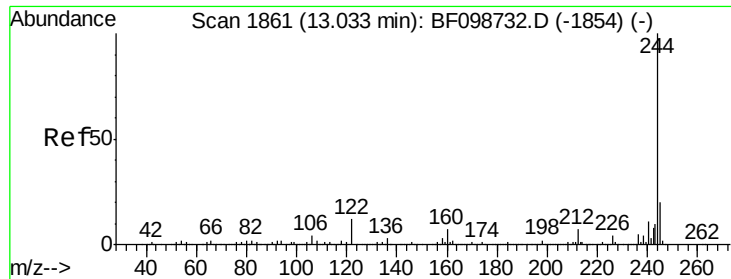
Tgt Ion:188 Resp: 330385
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 12.2 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099476.D
 Acq: 14 Oct 2017 14:55

Tgt Ion:240 Resp: 216947
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 90.83 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

Instrument :

BNA_F

ClientSampleId :

PB103186BL

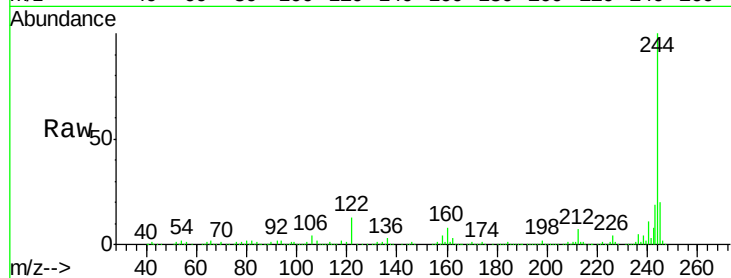
Tgt Ion:244 Resp: 866504

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

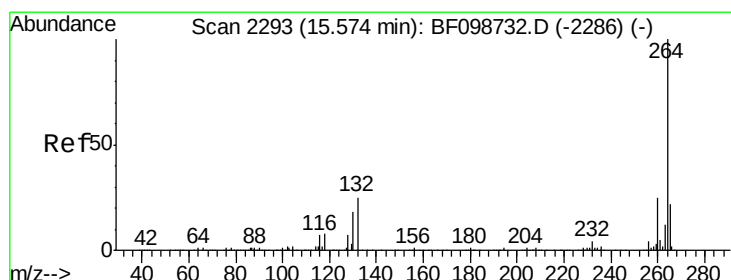
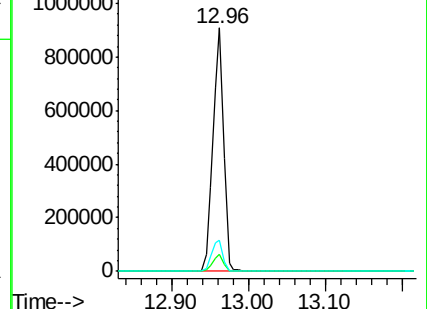
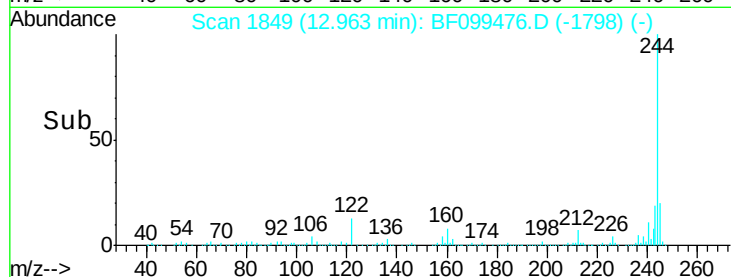
122 13.0 11.0 16.4



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: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF099476.D

Acq: 14 Oct 2017 14:55

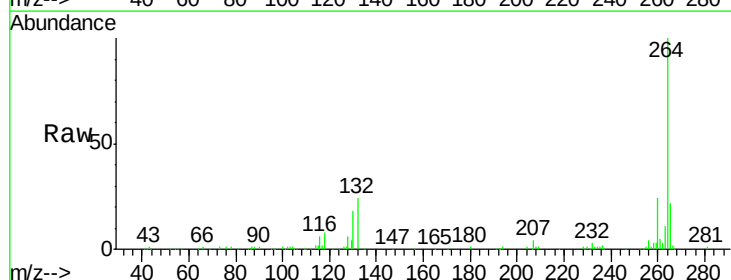
Tgt Ion:264 Resp: 161412

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 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

