

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099480.D
 Acq On : 14 Oct 2017 16:47
 Operator : SJ/JU
 Sample : PB103259BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BL

Quant Time: Oct 15 00:03:11 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	97991	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	400797	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185480	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	325952	20.00	ng	0.00
75) Chrysene-d12	14.02	240	207727	20.00	ng	0.00
86) Perylene-d12	15.49	264	156580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	629515	102.27	ng	0.01
7) Phenol-d6	6.49	99	742007	97.71	ng	0.00
23) Nitrobenzene-d5	7.42	82	439555	70.33	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	146809	96.73	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	859165	77.33	ng	0.00
78) Terphenyl-d14	12.96	244	727621	79.66	ng	0.00

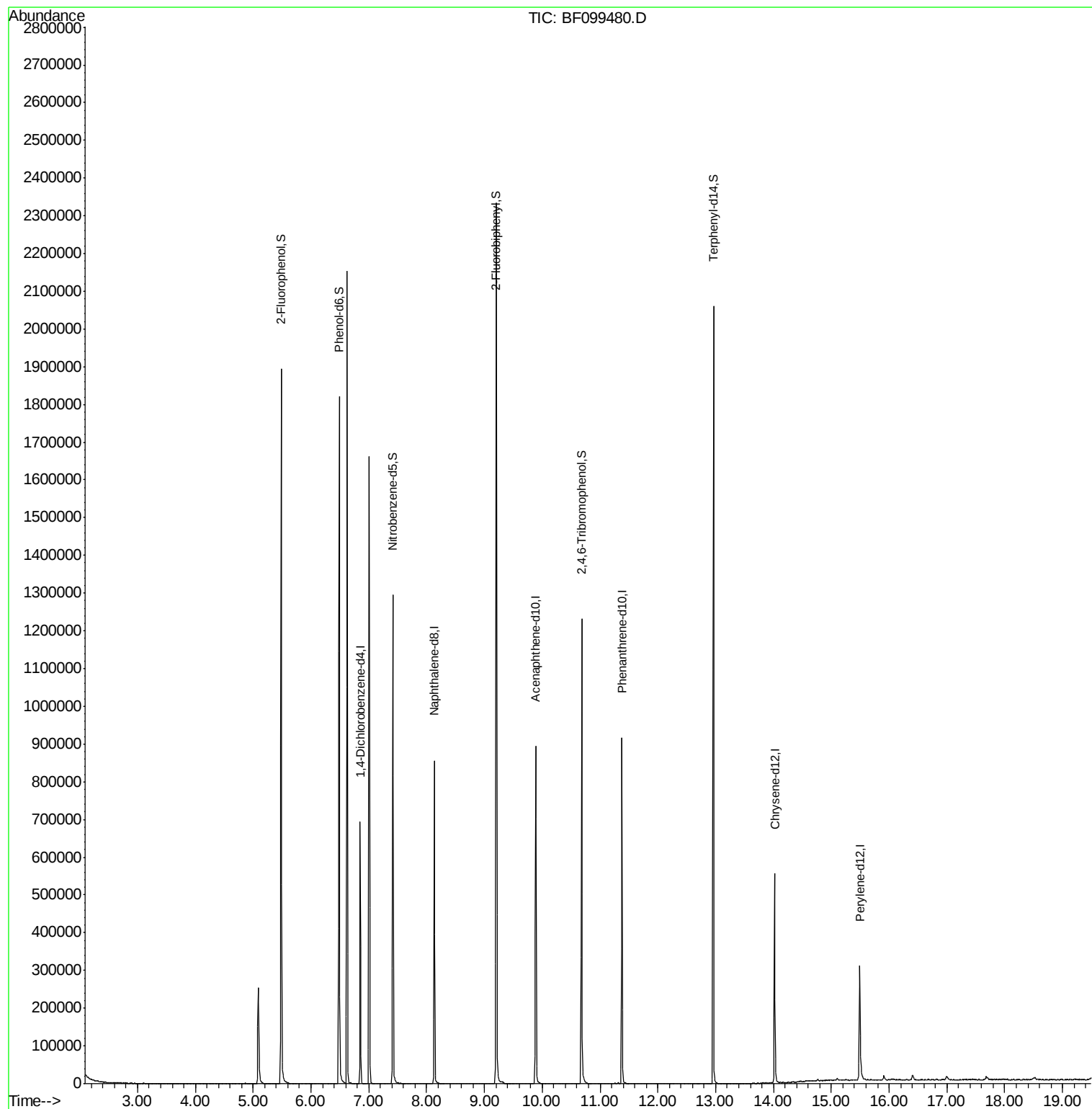
Target Compounds	Qvalue
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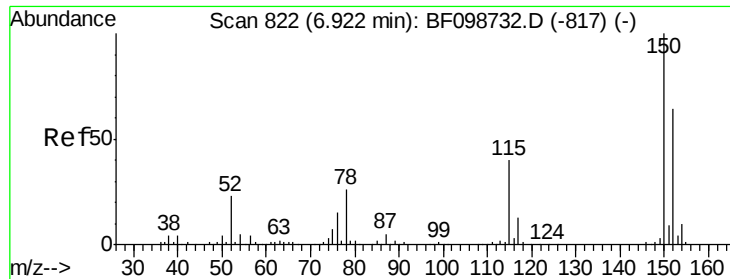
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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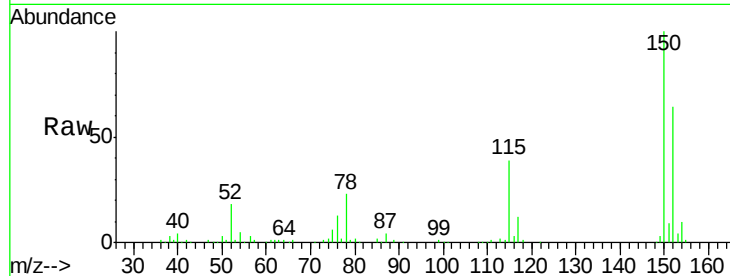




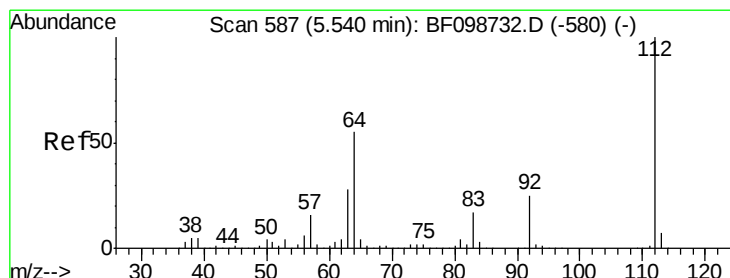
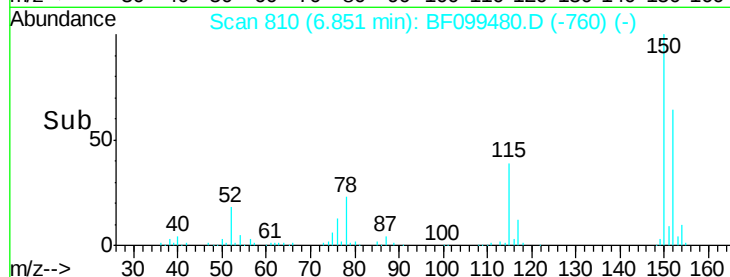
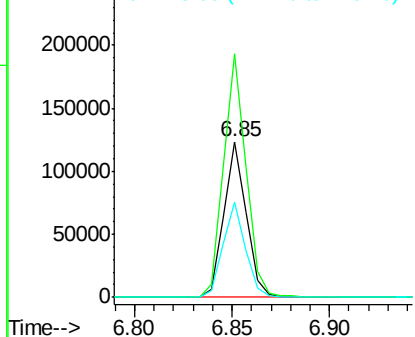
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BL

Tgt Ion:152 Resp: 97991
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 61.0 50.1 75.1

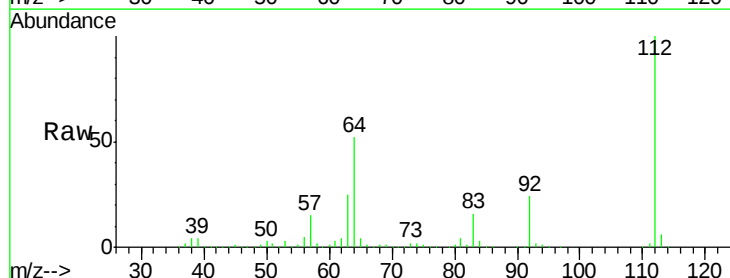


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

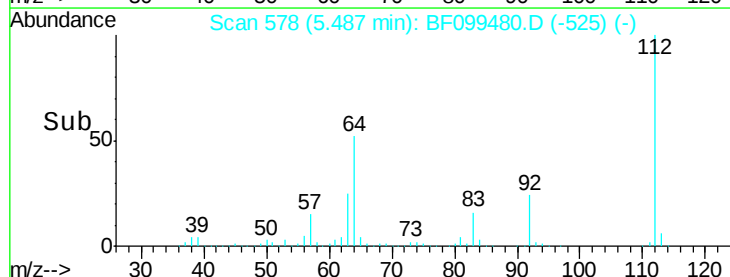
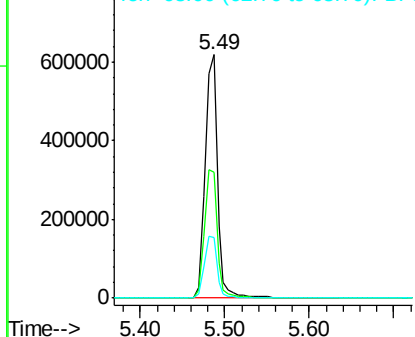


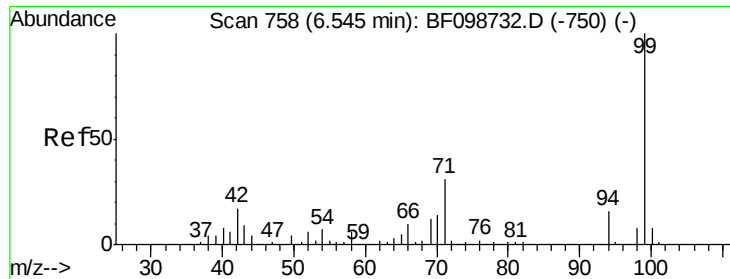
#5
 2-Fluorophenol
 Concen: 102.27 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Tgt Ion:112 Resp: 629515
 Ion Ratio Lower Upper
 112 100
 64 51.5 47.9 71.9
 63 25.1 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: 97.71 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB103259BL

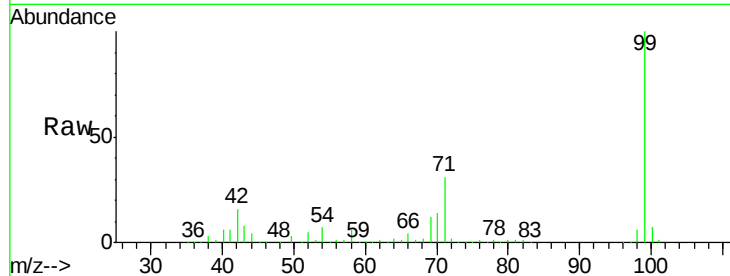
Tgt Ion: 99 Resp: 742007

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

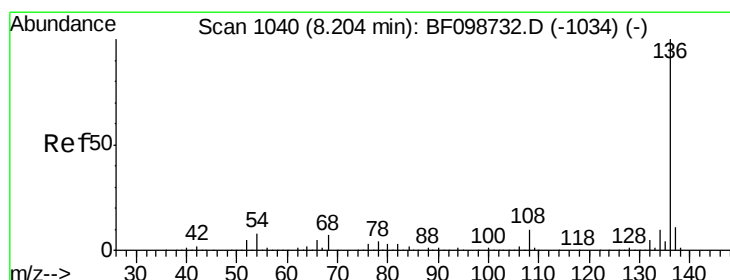
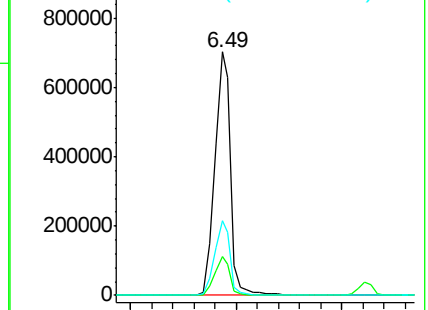
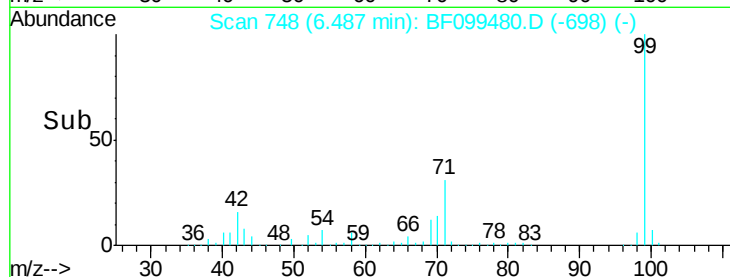
71 30.6 25.4 38.0



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: BF099480.D

Acq: 14 Oct 2017 16:47

Tgt Ion: 136 Resp: 400797

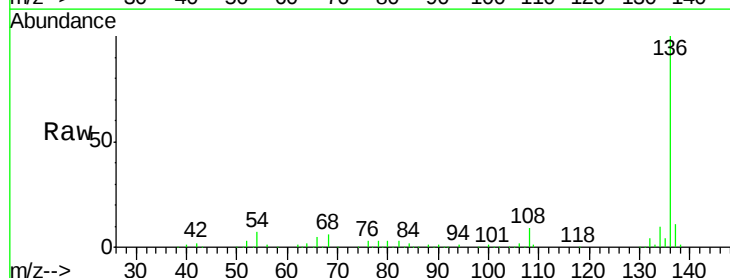
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

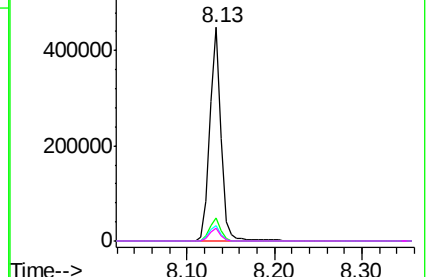
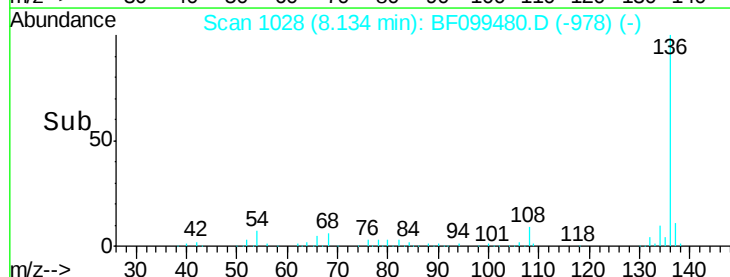


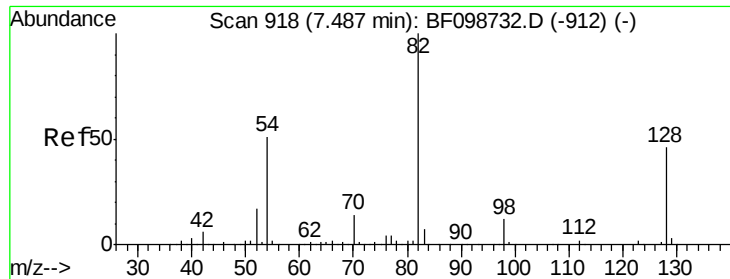
Abundance Ion 136.00 (135.70 to 136.70): E

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

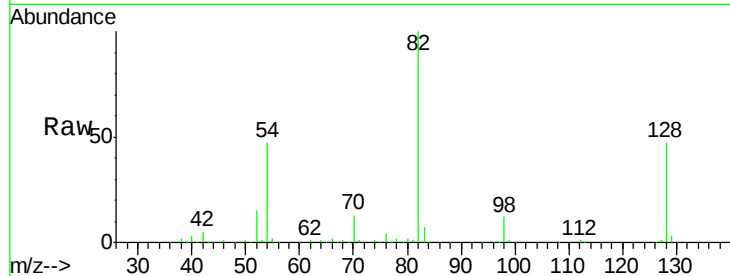




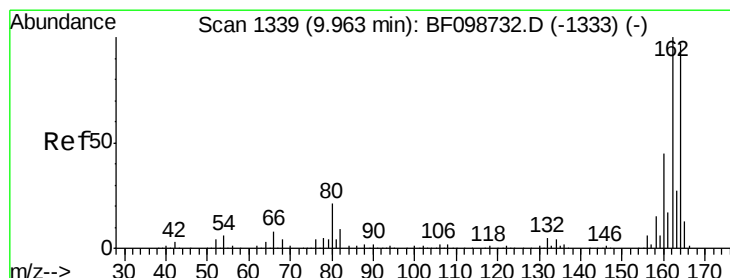
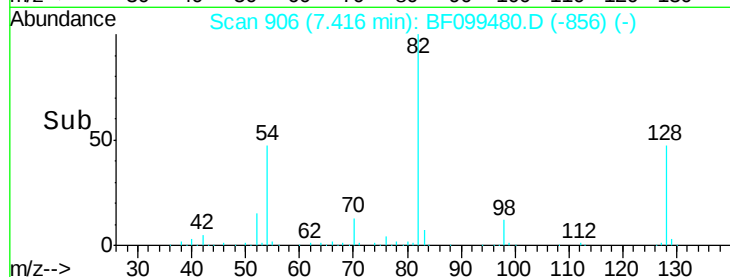
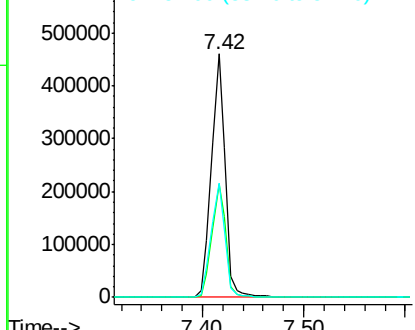
#23
 Nitrobenzene-d5
 Concen: 70.33 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BL

Tgt Ion: 82 Resp: 439555
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 46.9 41.4 62.2

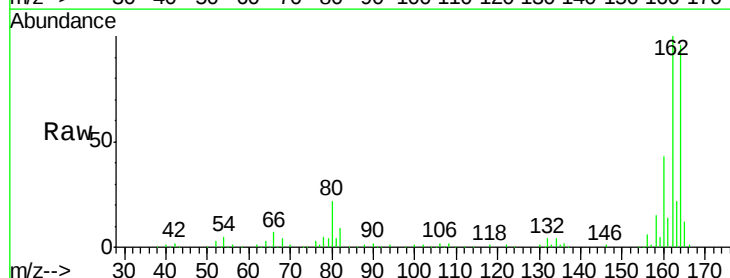


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

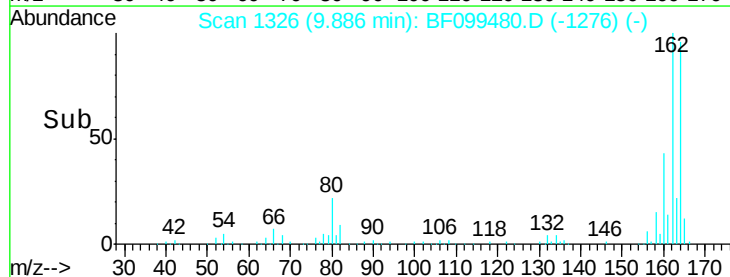
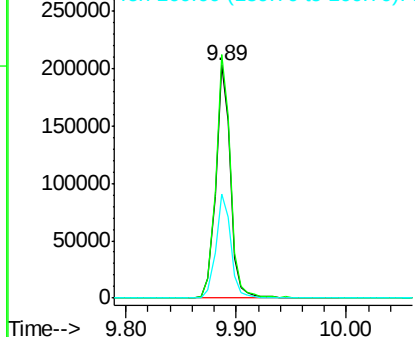


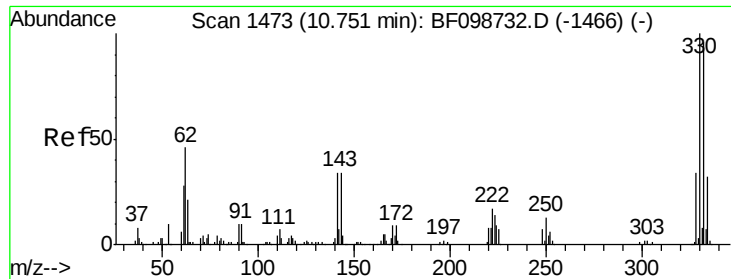
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Tgt Ion: 164 Resp: 185480
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 44.8 38.3 57.5



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

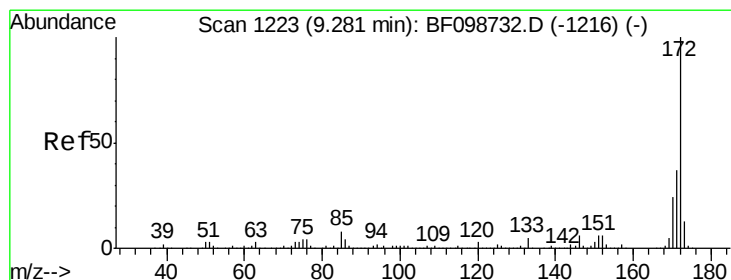
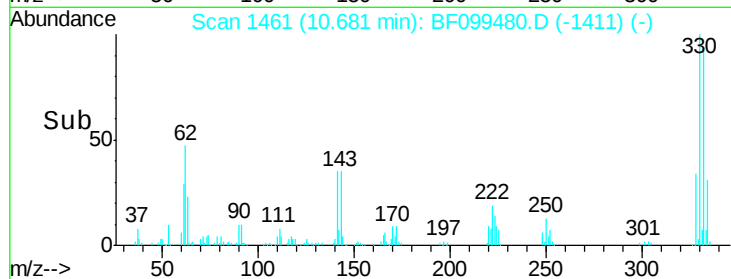
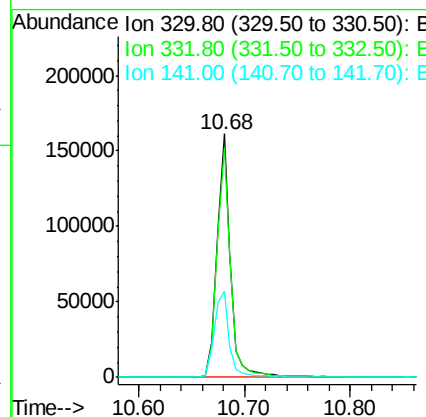
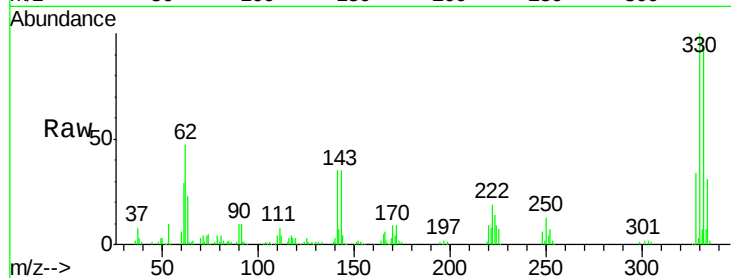




#41
 2,4,6-Tribromophenol
 Concen: 96.73 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

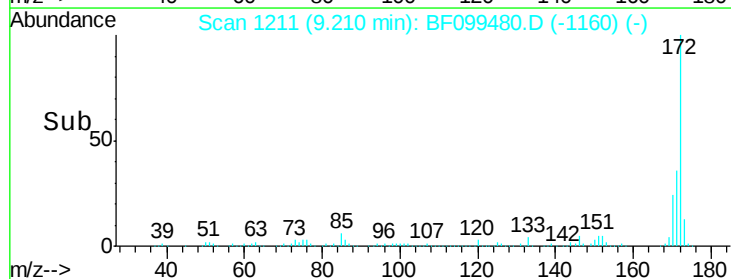
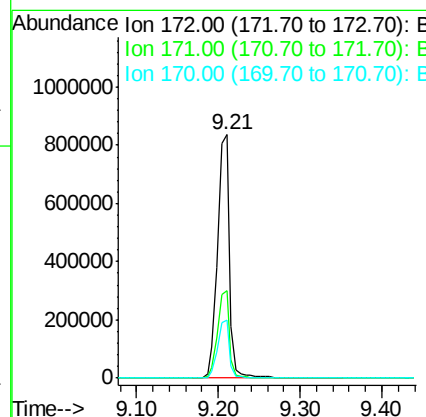
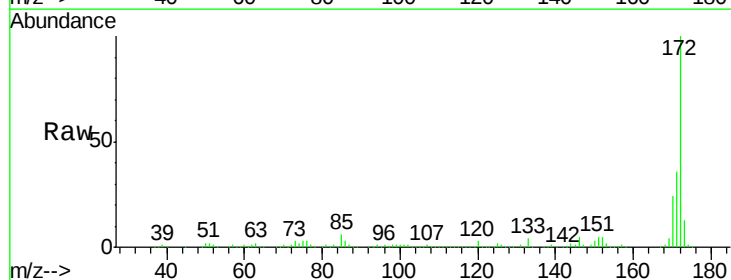
Instrument :
 BNA_F
 ClientSampleId :
 PB103259BL

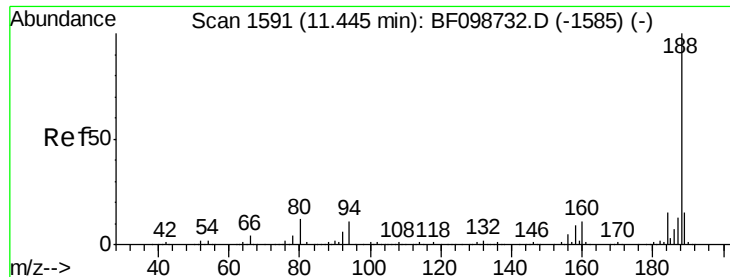
Tgt Ion:330 Resp: 146809
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 39.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 77.33 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Tgt Ion:172 Resp: 859165
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.8 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: BF099480.D

Acq: 14 Oct 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PB103259BL

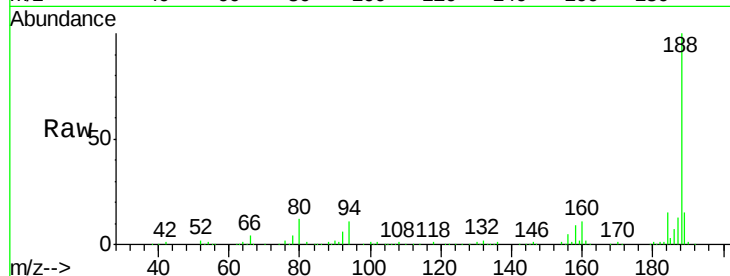
Tgt Ion:188 Resp: 325952

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

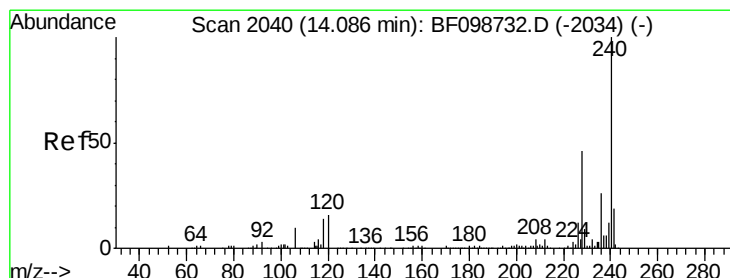
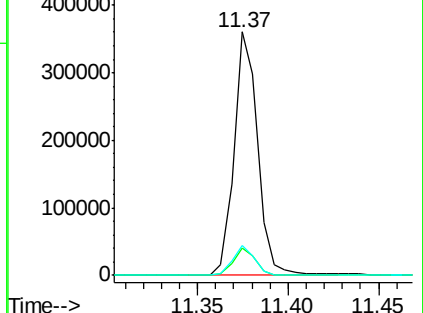
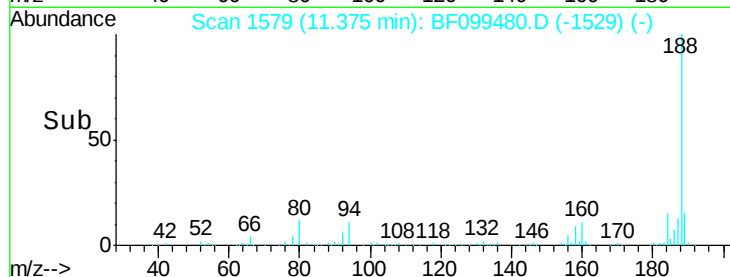
80 12.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099480.D

Acq: 14 Oct 2017 16:47

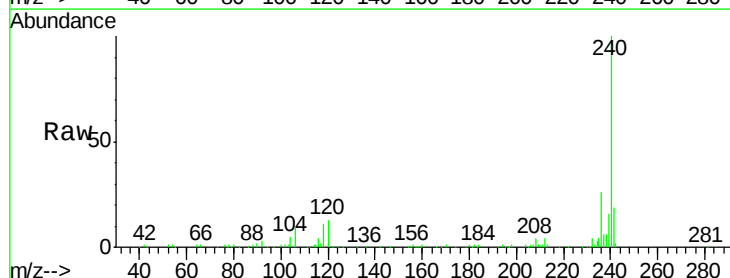
Tgt Ion:240 Resp: 207727

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

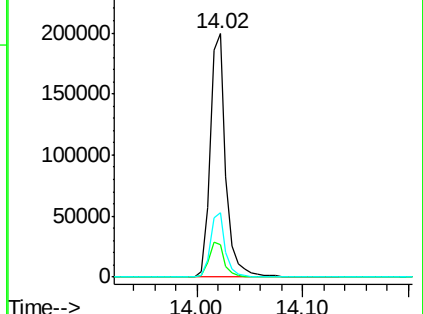
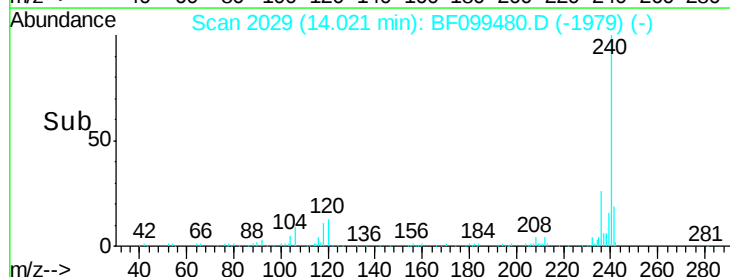
236 26.5 20.7 31.1

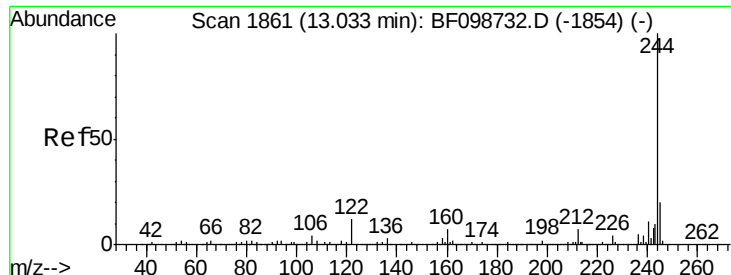


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

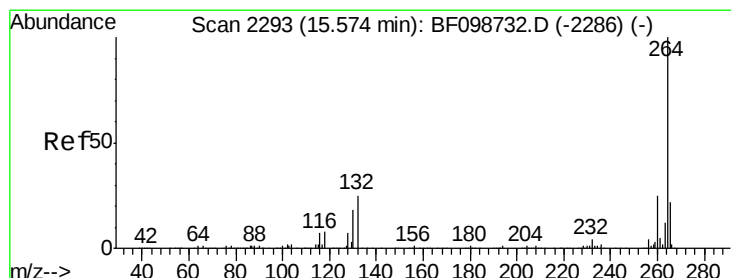
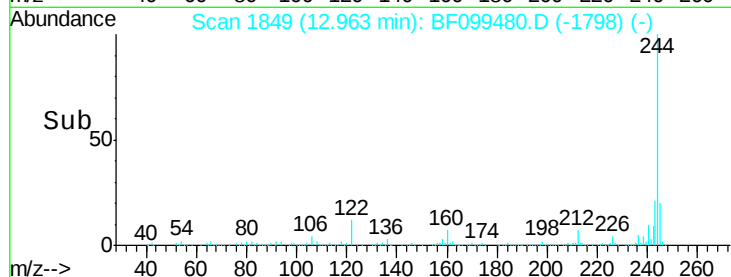
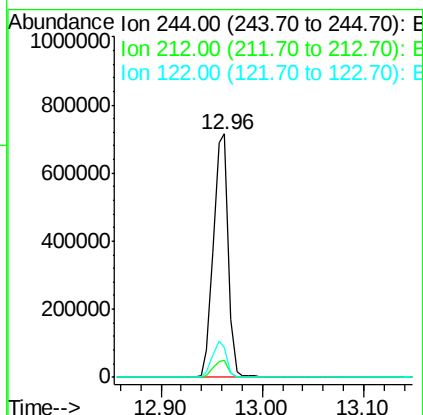
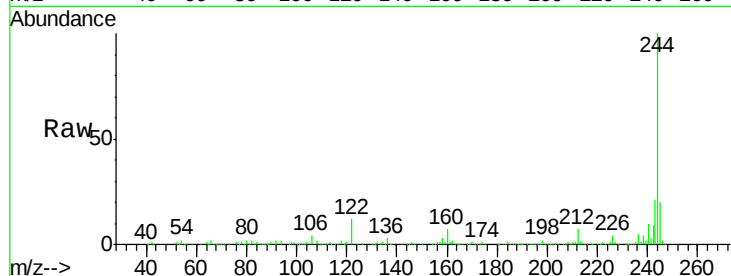




#78
 Terphenyl-d14
 Concen: 79.66 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BL

Tgt Ion:244 Resp: 727621
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099480.D
 Acq: 14 Oct 2017 16:47

Tgt Ion:264 Resp: 156580
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 23.0 17.5 26.3

