

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091126.D
 Acq On : 9 Nov 2016 16:13
 Operator : UM/SJ
 Sample : PB94612TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94612TB

Quant Time: Nov 09 22:52:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	171224	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	723948	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	372328	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	629278	20.00	ng	0.00
75) Chrysene-d12	13.80	240	553890	20.00	ng	-0.01
86) Perylene-d12	15.17	264	462445	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1231475	118.78	ng	0.01
7) Phenol-d6	6.30	99	1705146	121.17	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1079469	81.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	405856	120.57	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1912037	88.41	ng	-0.01
78) Terphenyl-d14	12.76	244	2020859	91.05	ng	0.00

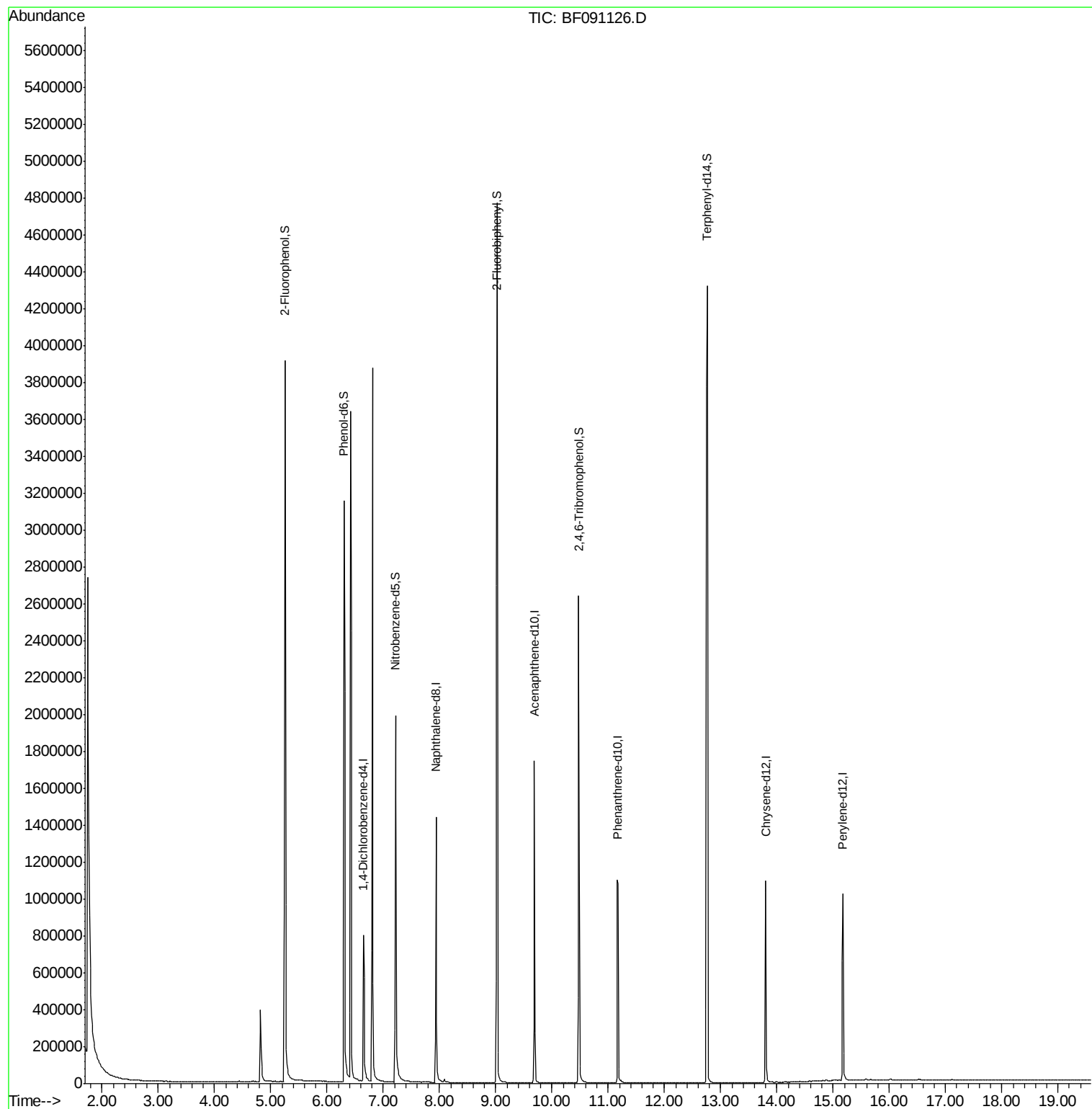
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

Instrument :

BNA_F

ClientSampled :

PB94612TB

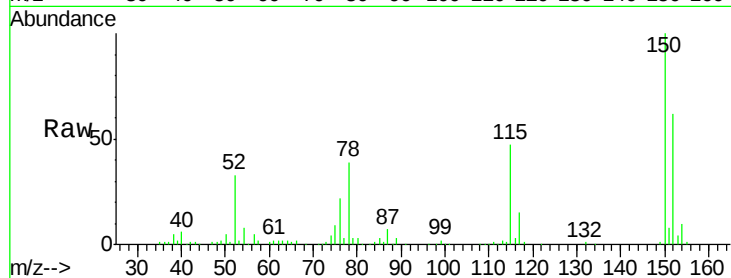
Tot Ion:152 Resp: 171224

Ion Ratio Lower Upper

152 100

150 162.3 126.8 190.2

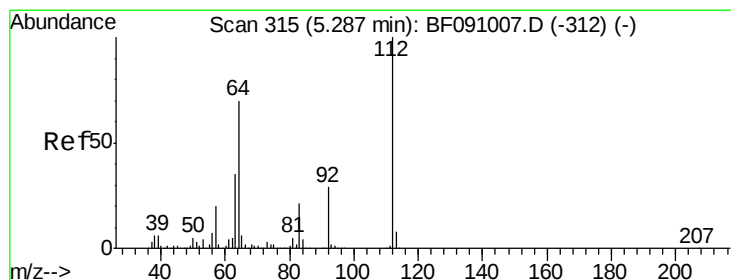
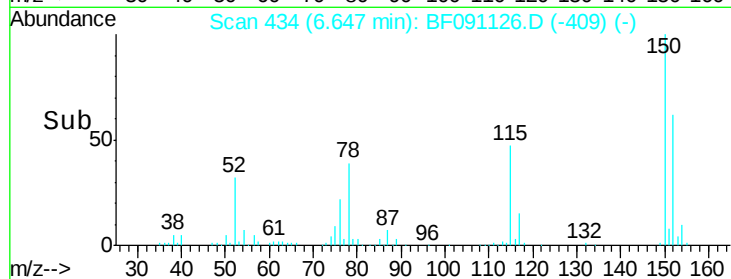
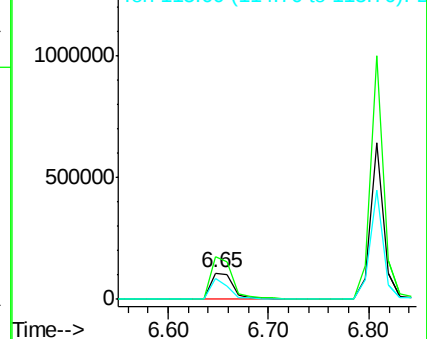
115 76.8 53.3 79.9



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: 118.78 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

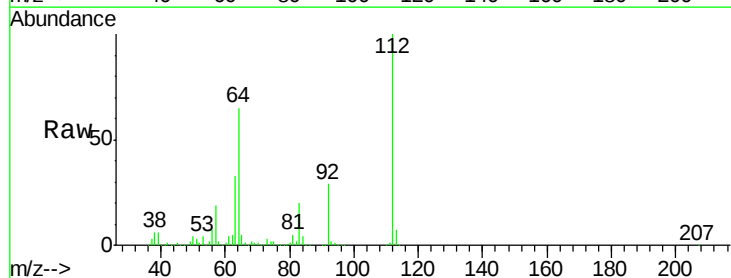
Tgt Ion:112 Resp: 1231475

Ion Ratio Lower Upper

112 100

64 64.9 55.8 83.6

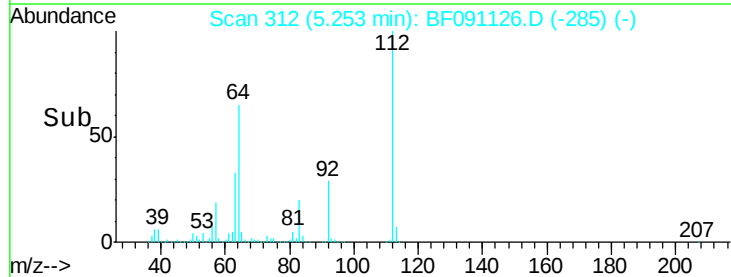
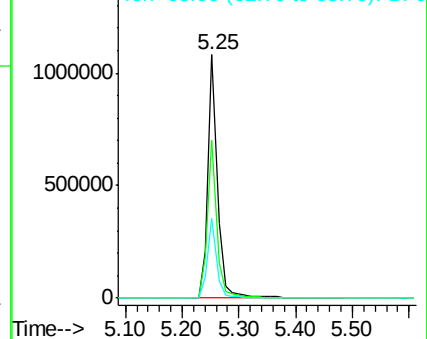
63 32.7 28.0 42.0

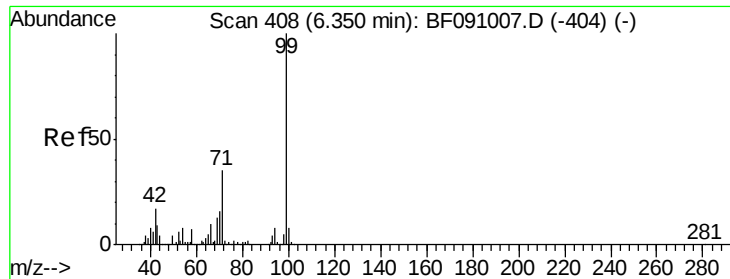


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.17 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94612TB

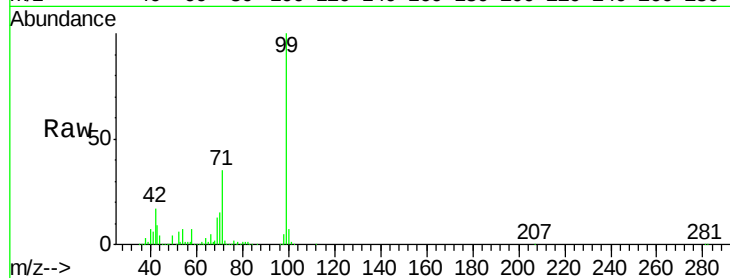
Tot Ion: 99 Resp: 1705146

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

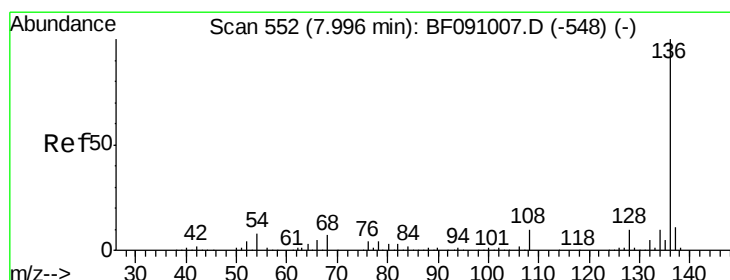
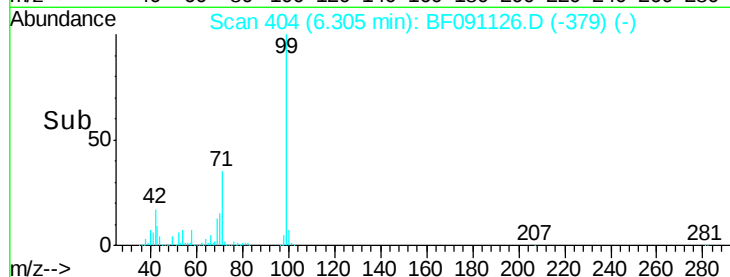
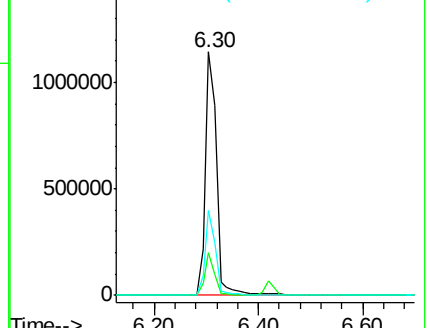
71 34.8 27.8 41.8



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: 7.94 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

Tgt Ion: 136 Resp: 723948

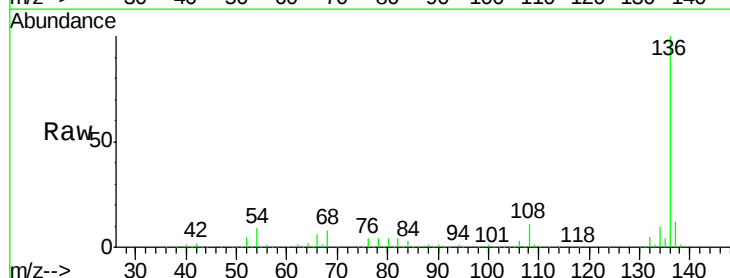
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.1 6.2 9.2

68 7.8 5.5 8.3

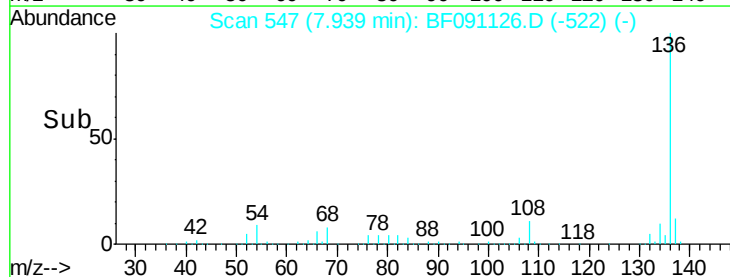
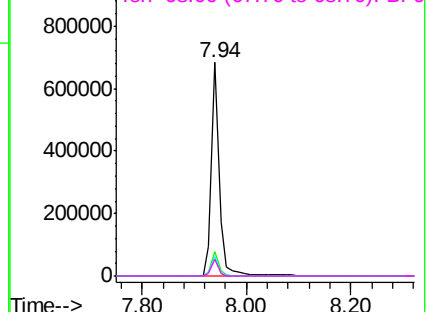


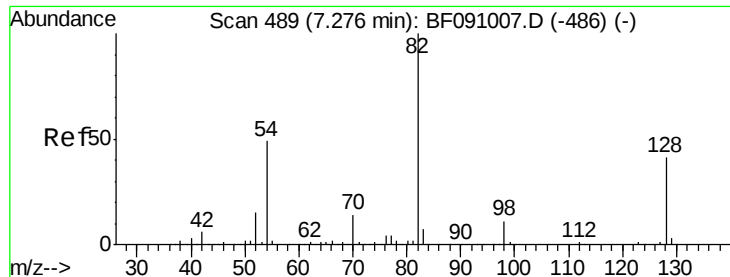
Abundance Ion 136.00 (135.70 to 136.70): E

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

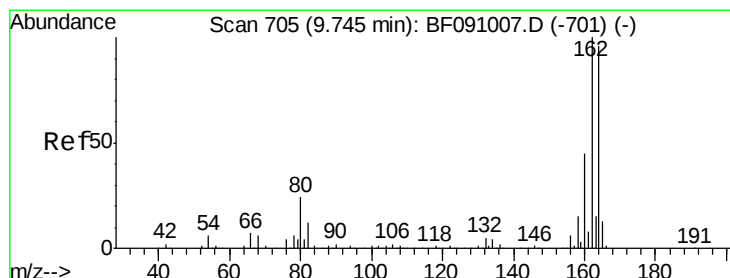
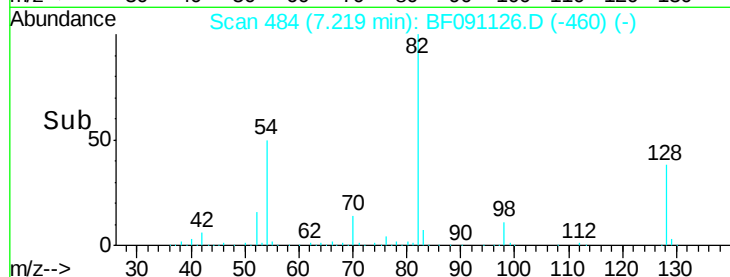
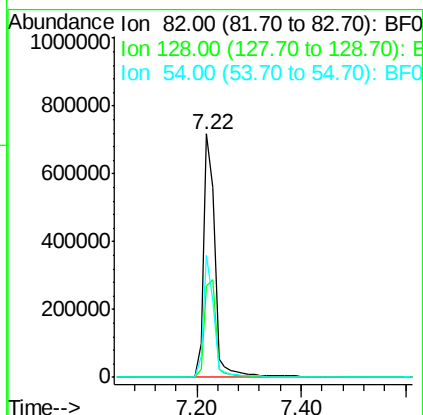
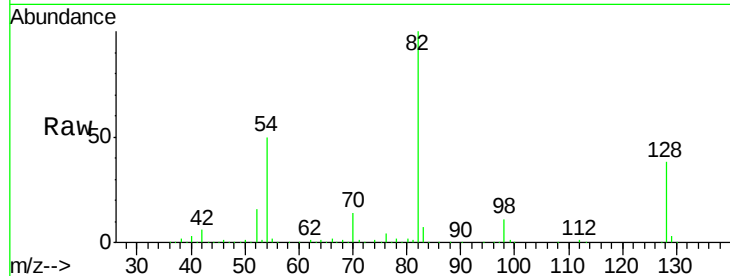




#23
 Nitrobenzene-d5
 Concen: 81.34 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

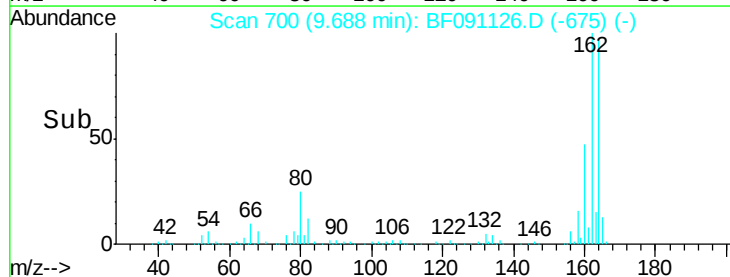
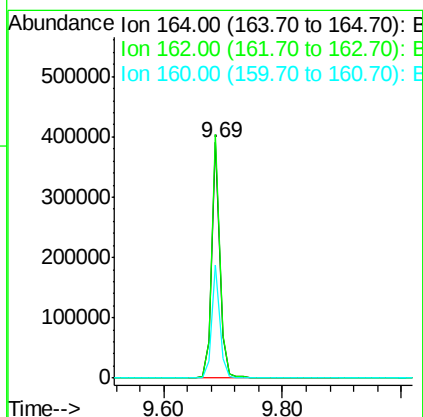
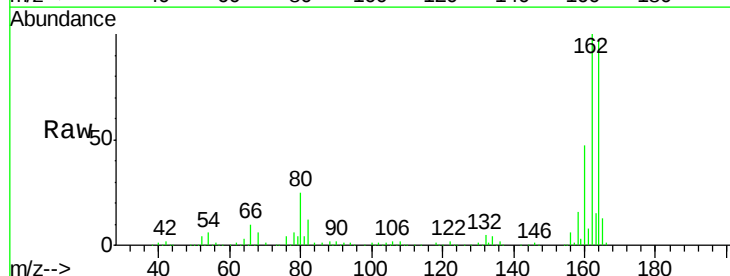
Instrument :
 BNA_F
 ClientSampleId :
 PB94612TB

Tot Ion: 82 Resp: 1079469
 Ion Ratio Lower Upper
 82 100
 128 37.8 32.4 48.6
 54 50.0 39.2 58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Tgt Ion: 164 Resp: 372328
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.6 125.4
 160 48.1 37.9 56.9

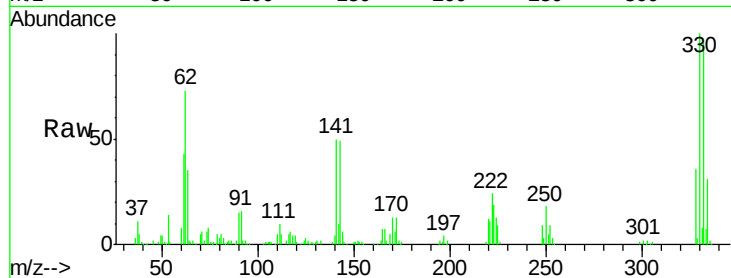




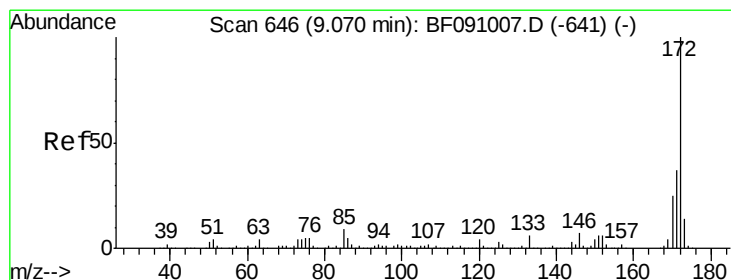
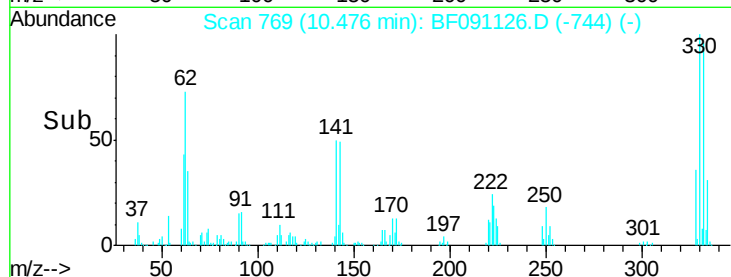
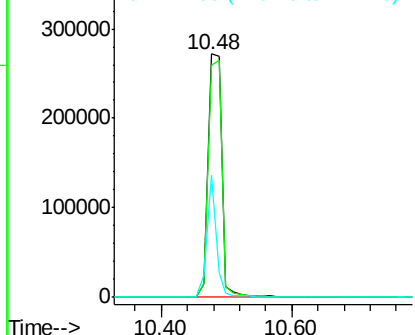
#41
 2,4,6-Tribromophenol
 Concen: 120.57 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94612TB

Tot Ion:330 Resp: 405856
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.9 113.9
 141 34.5 36.1 54.1#

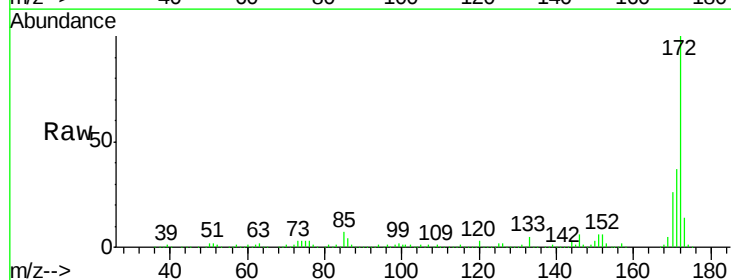


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

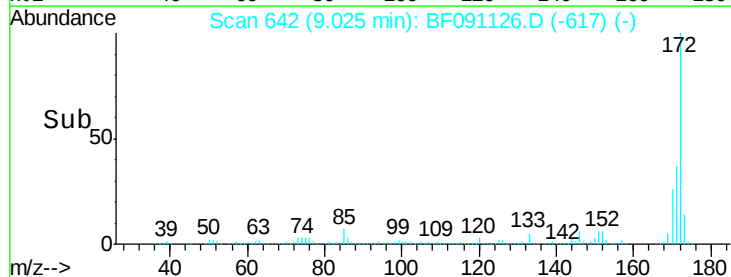
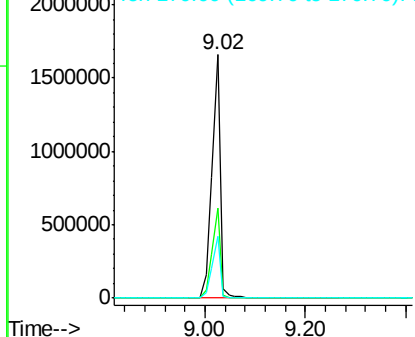


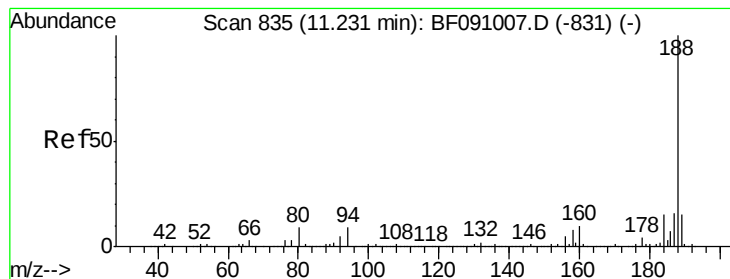
#44
 2-Fluorobiphenyl
 Concen: 88.41 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Tgt Ion:172 Resp: 1912037
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.6 20.3 30.5



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: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94612TB

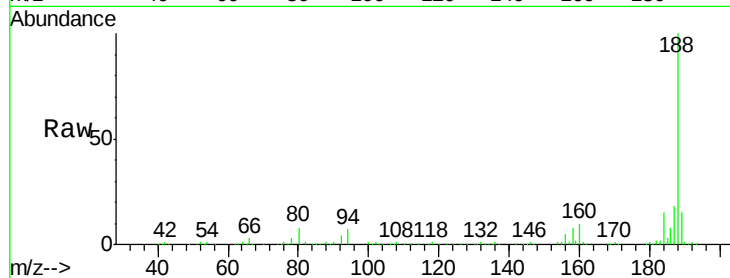
Tot Ion:188 Resp: 629278

Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.4

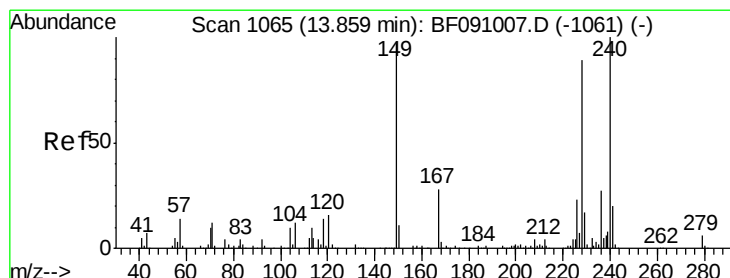
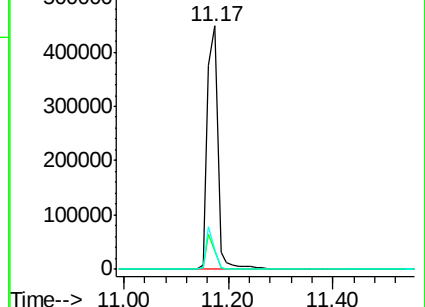
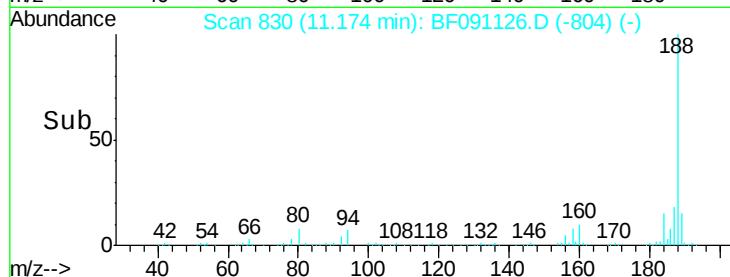
80 8.0 7.5 11.3



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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091126.D

Acq: 9 Nov 2016 16:13

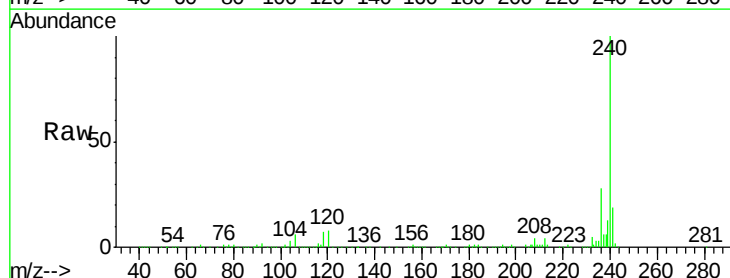
Tgt Ion:240 Resp: 553890

Ion Ratio Lower Upper

240 100

120 8.4 12.9 19.3#

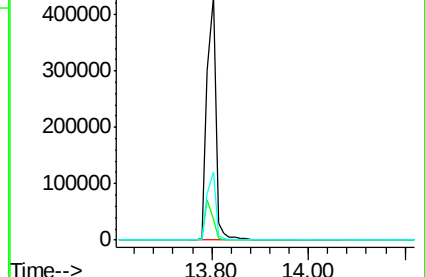
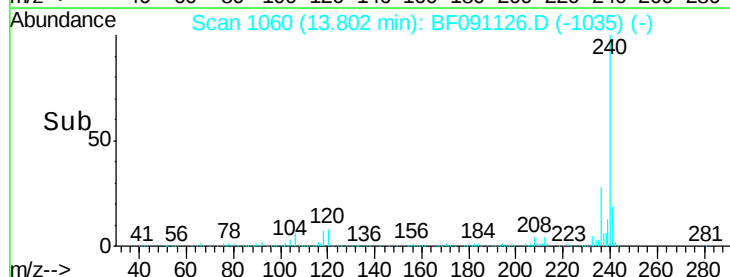
236 27.8 21.9 32.9

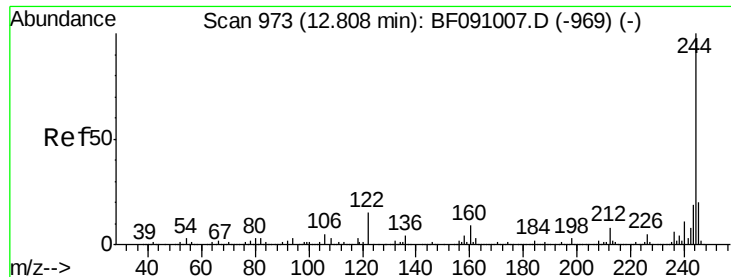


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

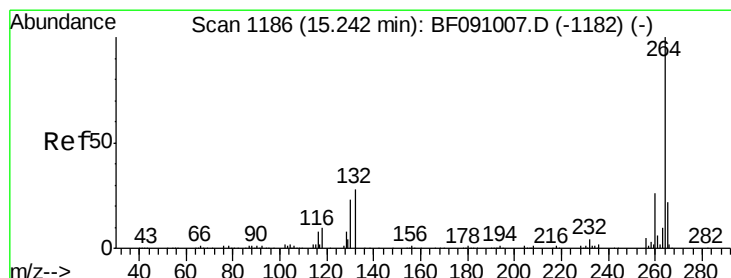
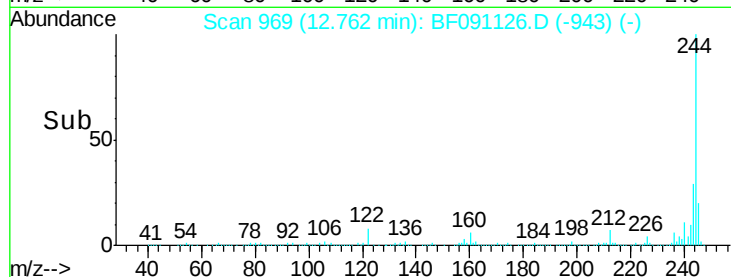
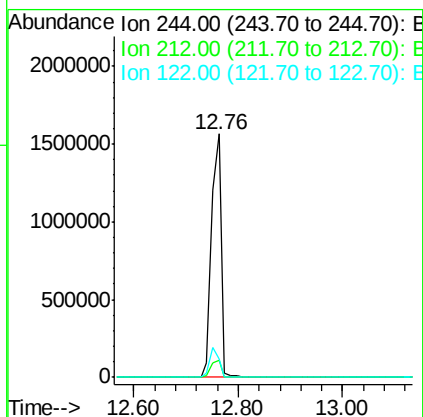
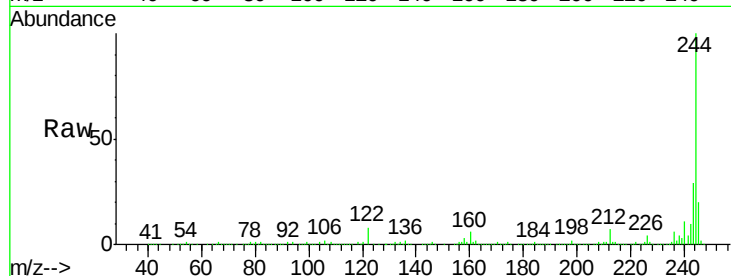




#78
 Terphenyl-d14
 Concen: 91.05 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94612TB

Tot Ion:244 Resp: 2020859
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.4 9.6
 122 7.6 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF091126.D
 Acq: 9 Nov 2016 16:13

Tgt Ion:264 Resp: 462445
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 21.9 17.8 26.8

