

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090856.D
 Acq On : 26 Oct 2016 22:37
 Operator : UM/SJ
 Sample : H5403-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA1

Quant Time: Oct 27 02:28:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	159973	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	647254	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	196679	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	528685	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	226792	20.00	ng	-0.01
86) Perylene-d12	15.36	264	5081	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1415763	154.73	ng	0.01
7) Phenol-d6	6.43	99	1164254	94.32	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1213055	122.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	565268	279.67	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1840297	164.30	ng	-0.02
78) Terphenyl-d14	12.90	244	1936632	215.14	ng	-0.02

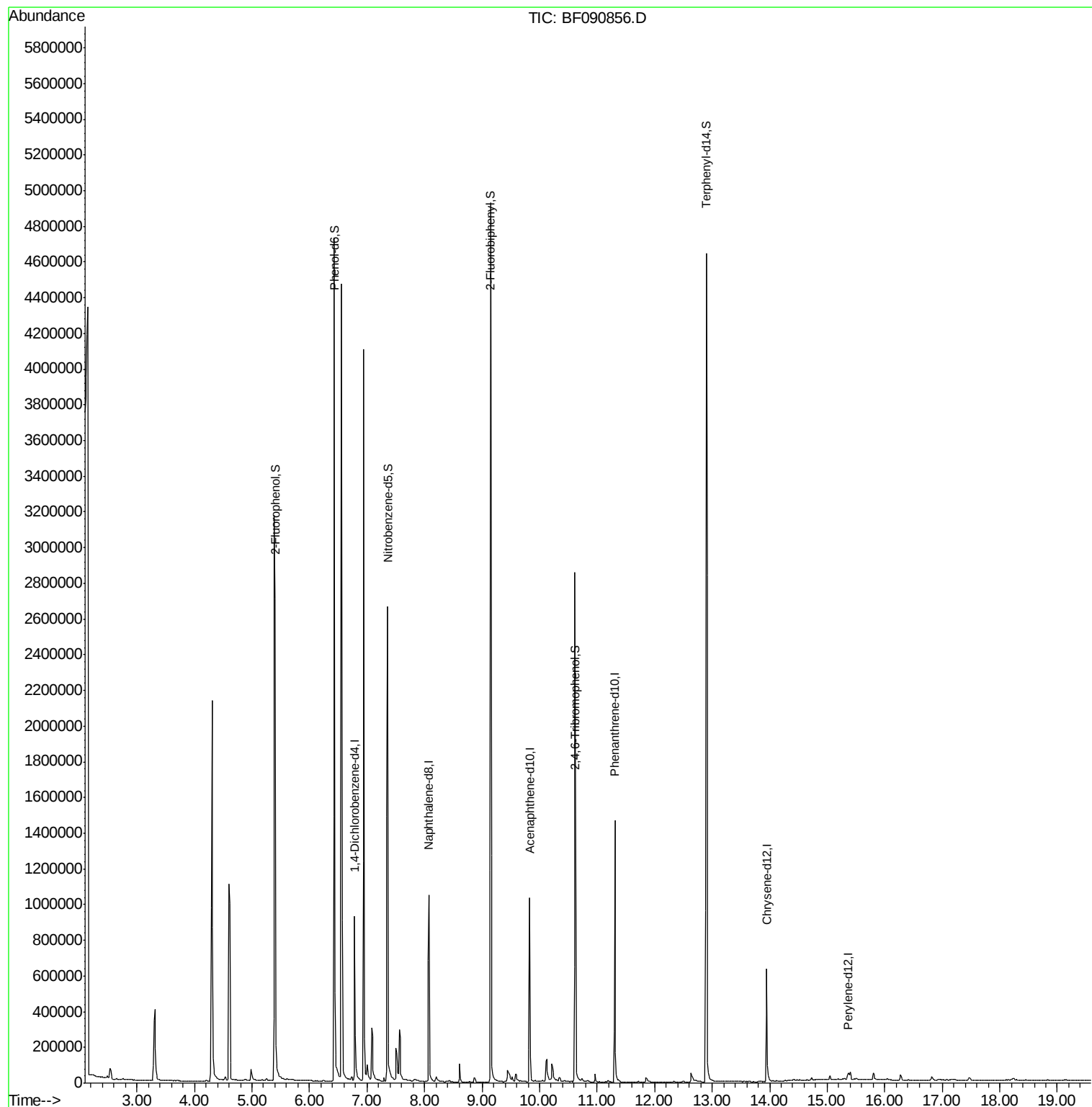
Target Compounds	Qvalue
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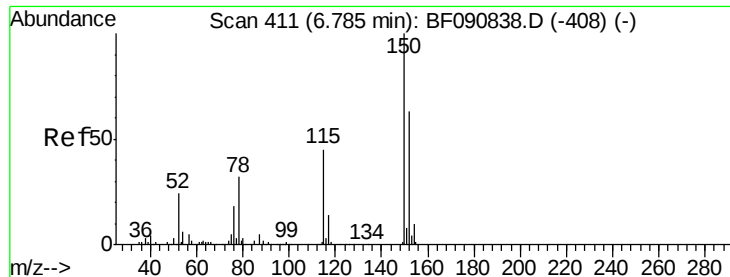
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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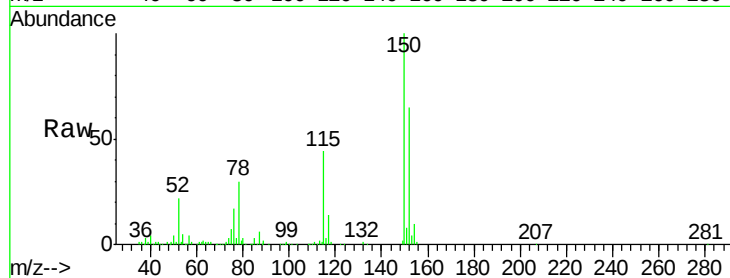


#1

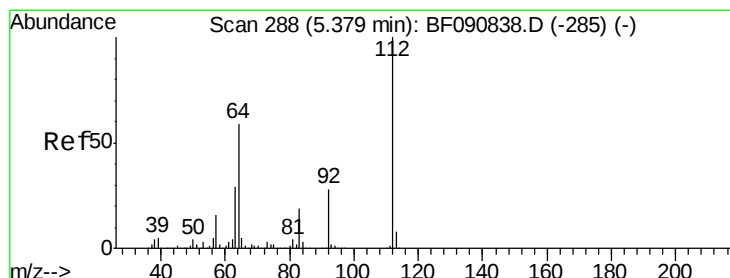
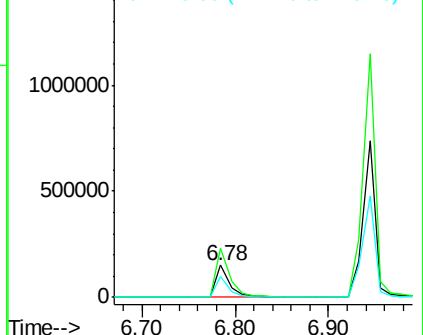
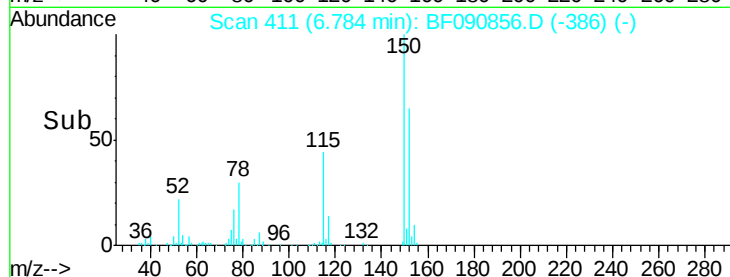
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF090856.D
Acq: 26 Oct 2016 22:37

Instrument :
BNA_F
ClientSampleId :
C0AA1

Tot Ion:152 Resp: 159973
Ion Ratio Lower Upper
152 100
150 153.7 124.7 187.1
115 66.9 39.0 58.4#



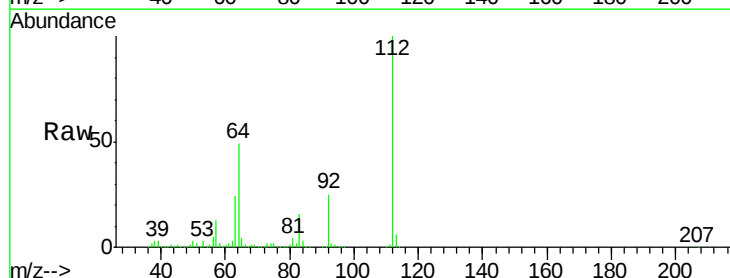
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



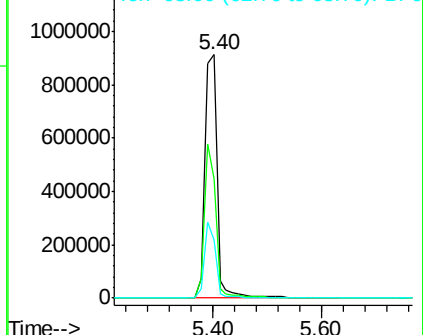
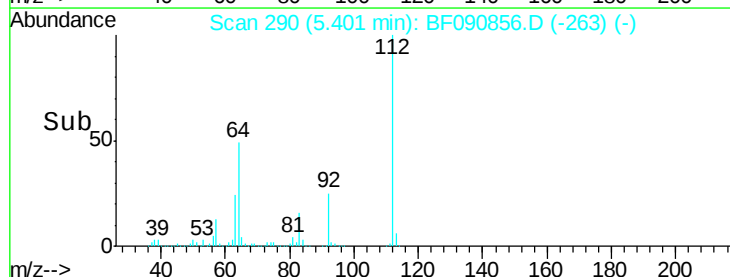
#5

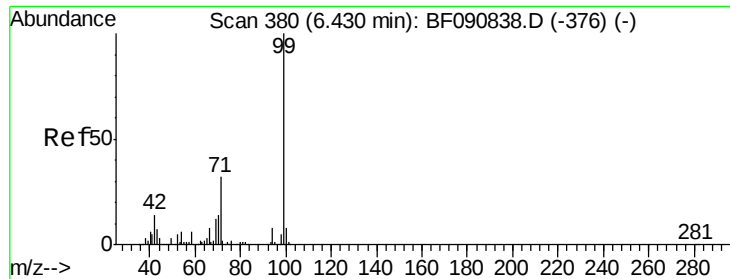
2-Fluorophenol
Concen: 154.73 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF090856.D
Acq: 26 Oct 2016 22:37

Tgt Ion:112 Resp: 1415763
Ion Ratio Lower Upper
112 100
64 48.9 39.7 59.5
63 23.8 17.4 26.0



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: 94.32 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090856.D

Acq: 26 Oct 2016 22:37

Instrument :

BNA_F

ClientSampleId :

C0AA1

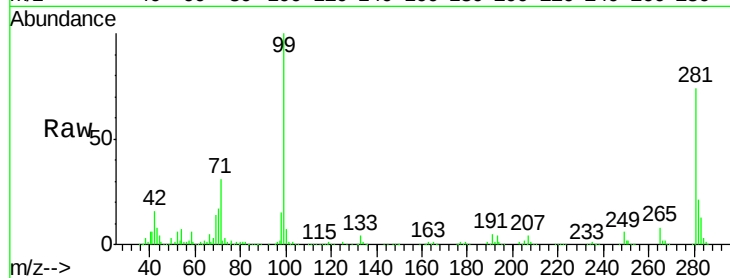
Tot Ion: 99 Resp: 1164254

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

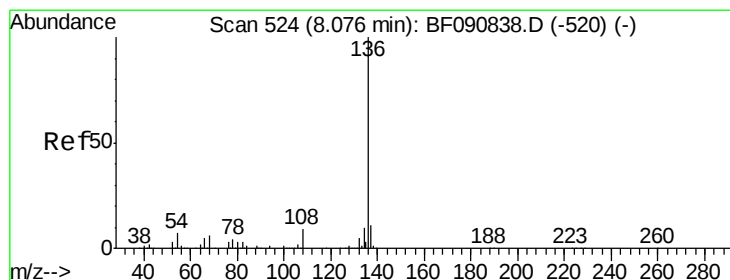
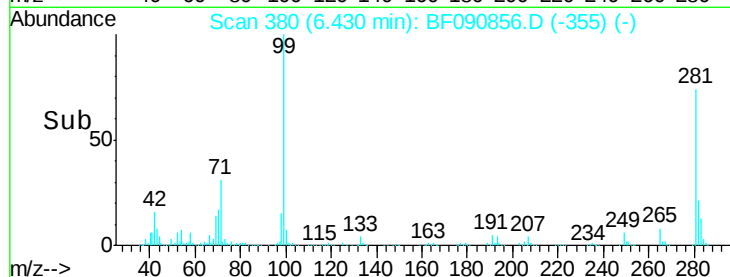
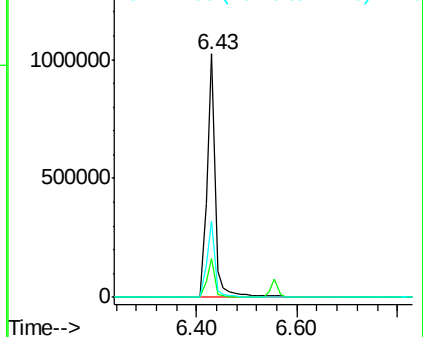
71 31.4 14.2 21.2#



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: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090856.D

Acq: 26 Oct 2016 22:37

Tgt Ion: 136 Resp: 647254

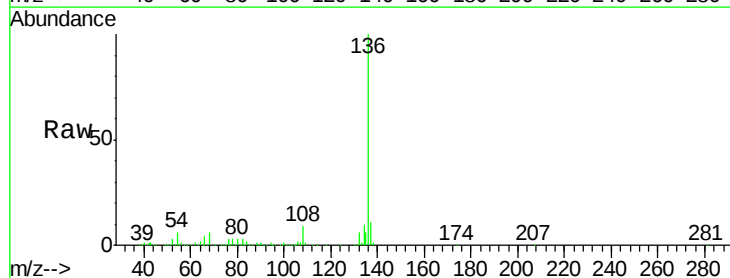
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.0 8.2 12.2#

68 5.6 5.8 8.6#

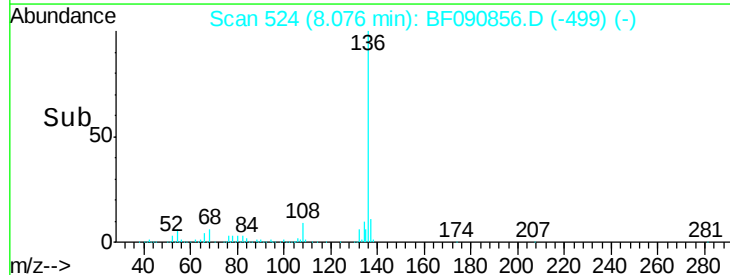
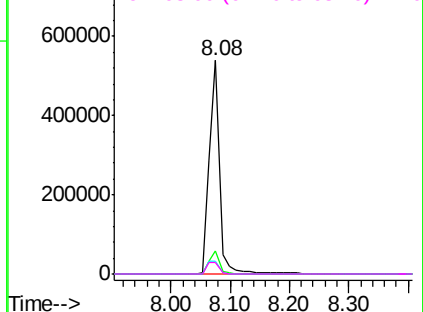


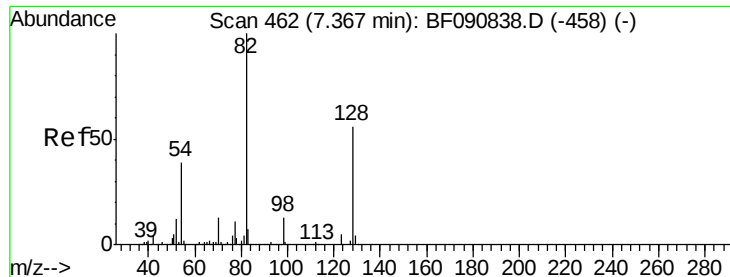
Abundance Ion 136.00 (135.70 to 136.70): E

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

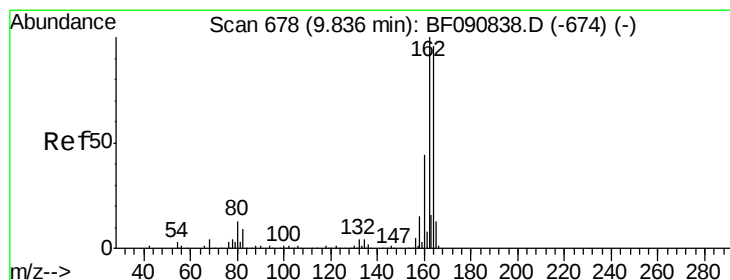
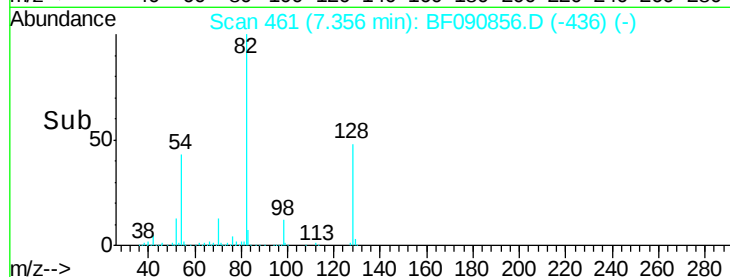
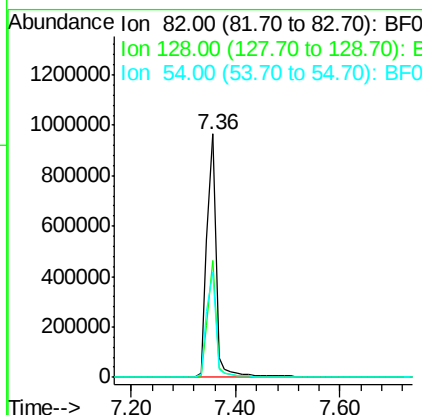
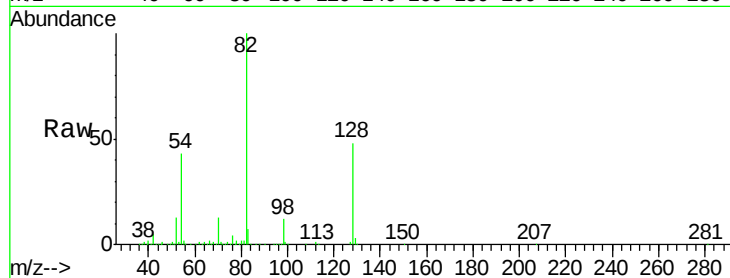




#23
 Nitrobenzene-d5
 Concen: 122.69 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090856.D
 Acq: 26 Oct 2016 22:37

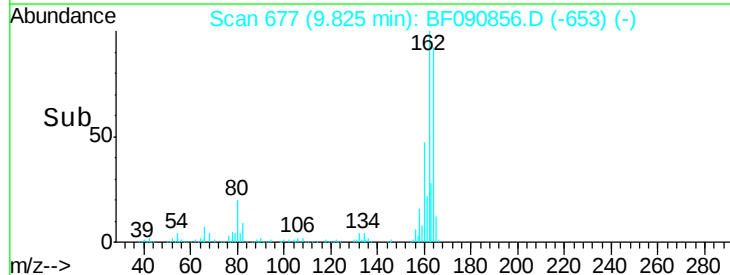
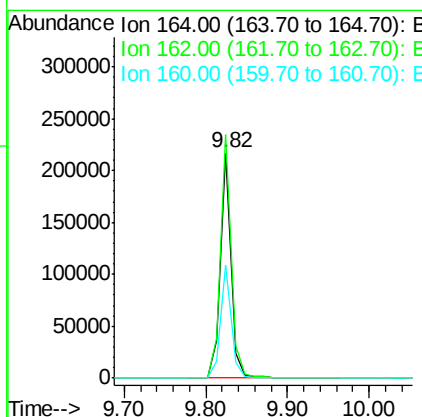
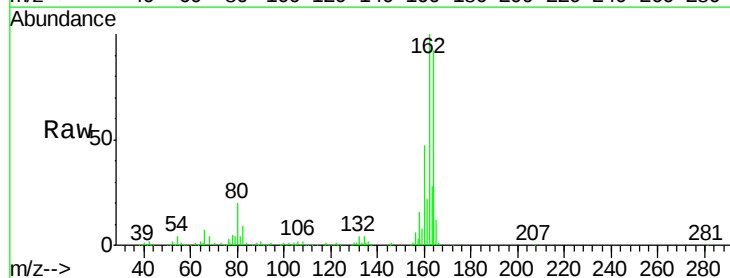
Instrument :
 BNA_F
 ClientSampleId :
 C0AA1

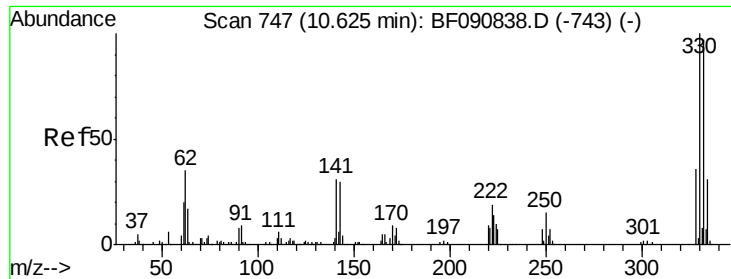
Tot Ion: 82 Resp: 1213055
 Ion Ratio Lower Upper
 82 100
 128 48.0 51.0 76.6#
 54 43.1 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF090856.D
 Acq: 26 Oct 2016 22:37

Tgt Ion:164 Resp: 196679
 Ion Ratio Lower Upper
 164 100
 162 108.4 75.2 112.8
 160 50.6 31.5 47.3#

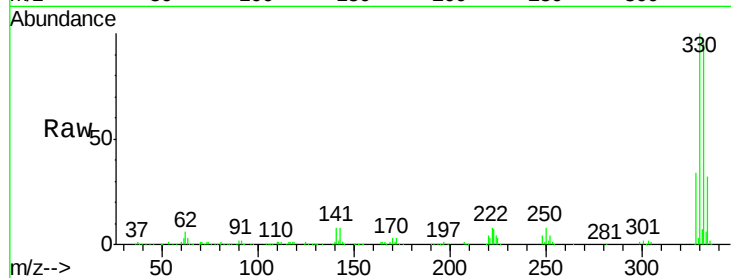




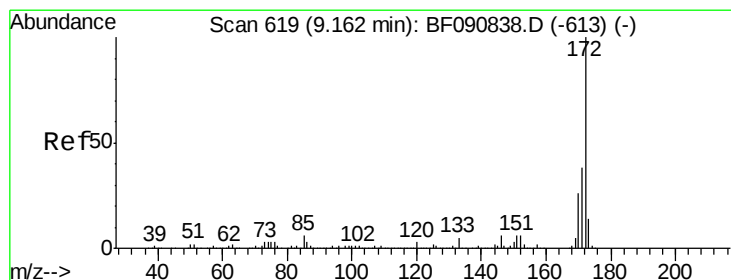
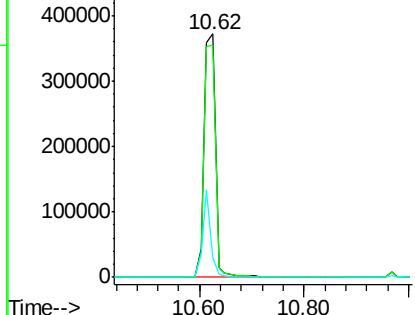
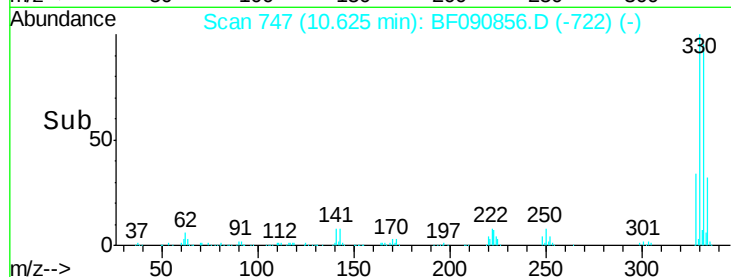
#41
 2,4,6-Tribromophenol
 Concen: 279.67 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090856.D
 Acq: 26 Oct 2016 22:37

Instrument :
 BNA_F
 ClientSampled :
 C0AA1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	25.8	29.7	44.5#

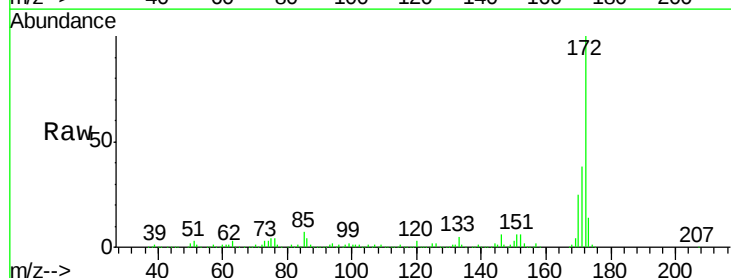


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

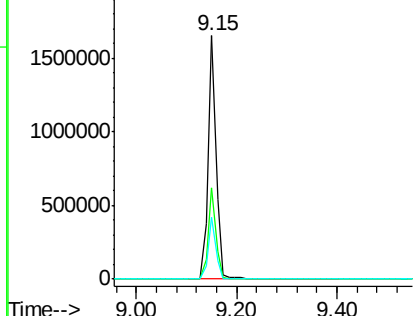
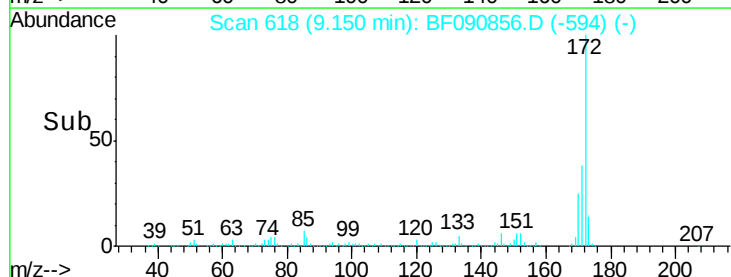


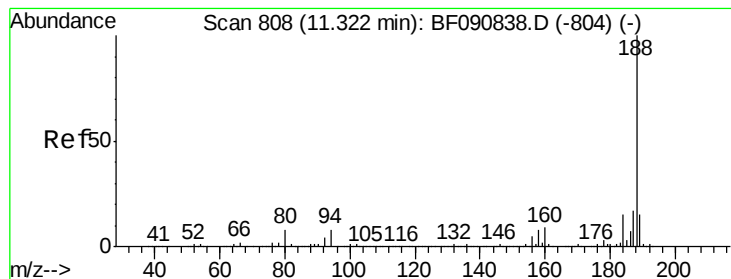
#44
 2-Fluorobiphenyl
 Concen: 164.30 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090856.D
 Acq: 26 Oct 2016 22:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	26.1	39.1
170	25.4	17.4	26.2



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: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090856.D

Acq: 26 Oct 2016 22:37

Instrument :

BNA_F

ClientSampleId :

C0AA1

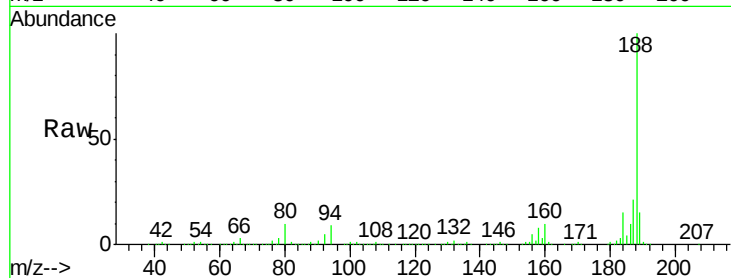
Tot Ion:188 Resp: 528685

Ion Ratio Lower Upper

188 100

94 9.3 11.1 16.7#

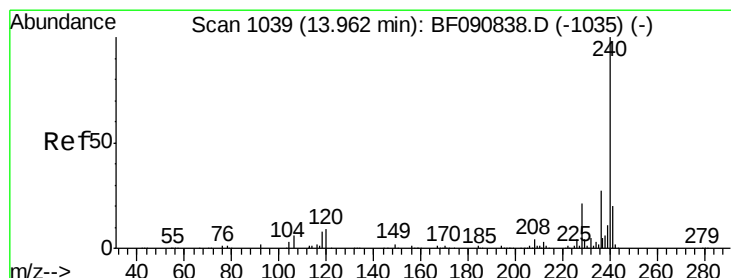
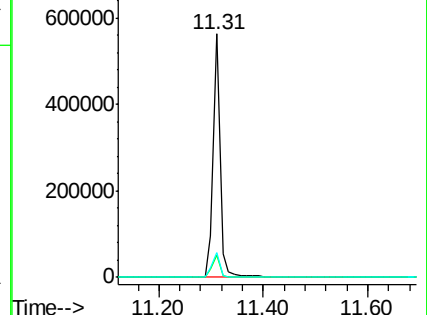
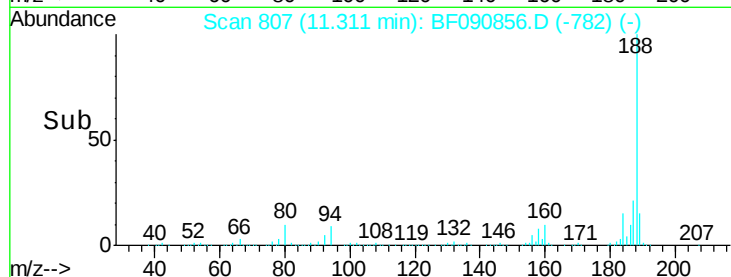
80 10.2 11.0 16.4#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090856.D

Acq: 26 Oct 2016 22:37

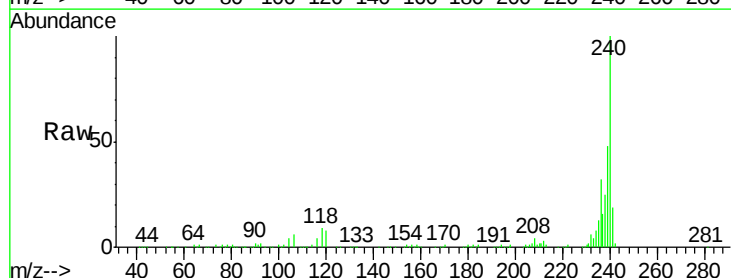
Tgt Ion:240 Resp: 226792

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

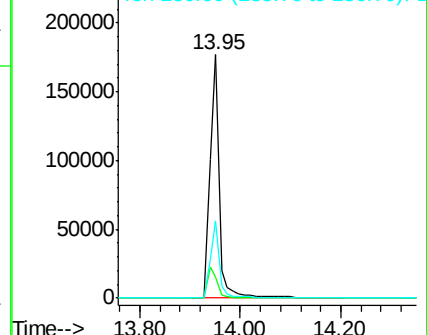
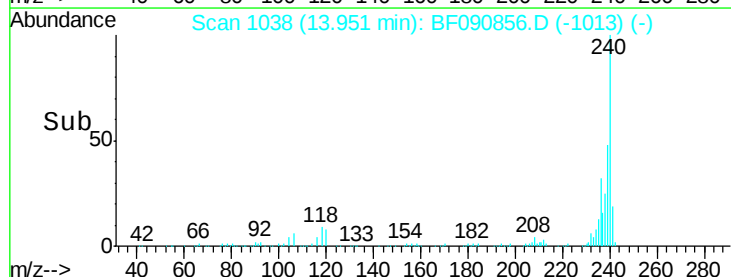
236 31.6 18.4 27.6#

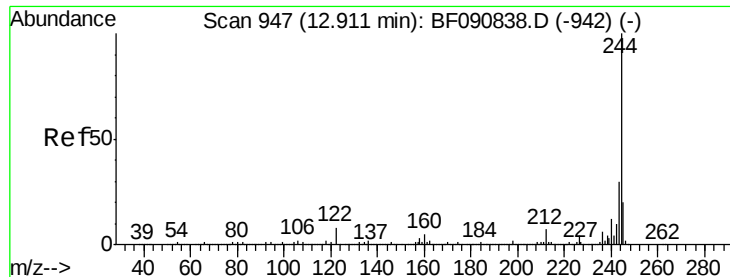


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

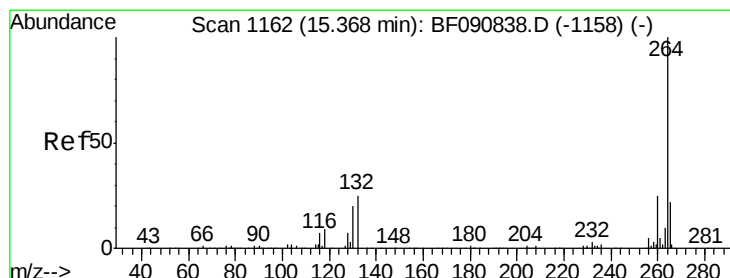
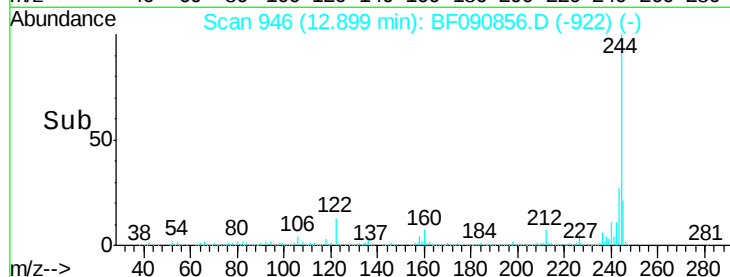
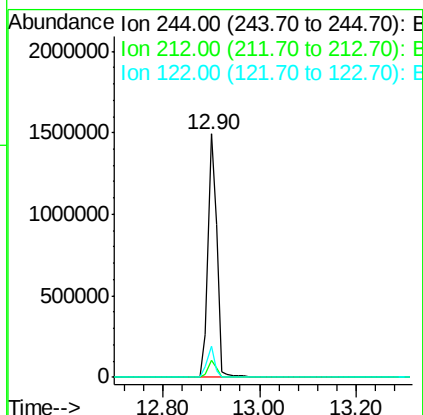
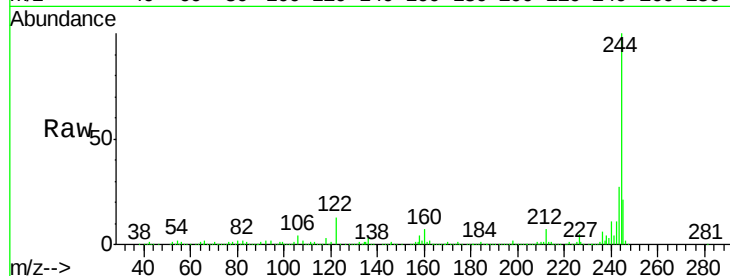




#78
 Terphenyl-d14
 Concen: 215.14 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF090856.D
 Acq: 26 Oct 2016 22:37

Instrument :
 BNA_F
 ClientSampleId :
 C0AA1

Tot Ion:244 Resp: 1936632
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 12.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF090856.D
 Acq: 26 Oct 2016 22:37

Tgt Ion:264 Resp: 5081
 Ion Ratio Lower Upper
 264 100
 260 50.5 16.7 25.1#
 265 27.1 17.2 25.8#

