

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062916\
 Data File : BF088509.D
 Acq On : 29 Jun 2016 23:28
 Operator : UM/SJ
 Sample : PB91573TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Quant Time: Jun 30 02:26:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 02:07:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	175709	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	680760	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	310991	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	564325	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	361893	20.00	ng	-0.01
86) Perylene-d12	15.36	264	350726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1100117	96.96	ng	0.01
7) Phenol-d6	6.46	99	1591139	109.66	ng	0.00
23) Nitrobenzene-d5	7.38	82	921127	71.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	262465	110.08	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1651910	85.18	ng	0.00
78) Terphenyl-d14	12.91	244	1186989	63.85	ng	0.00

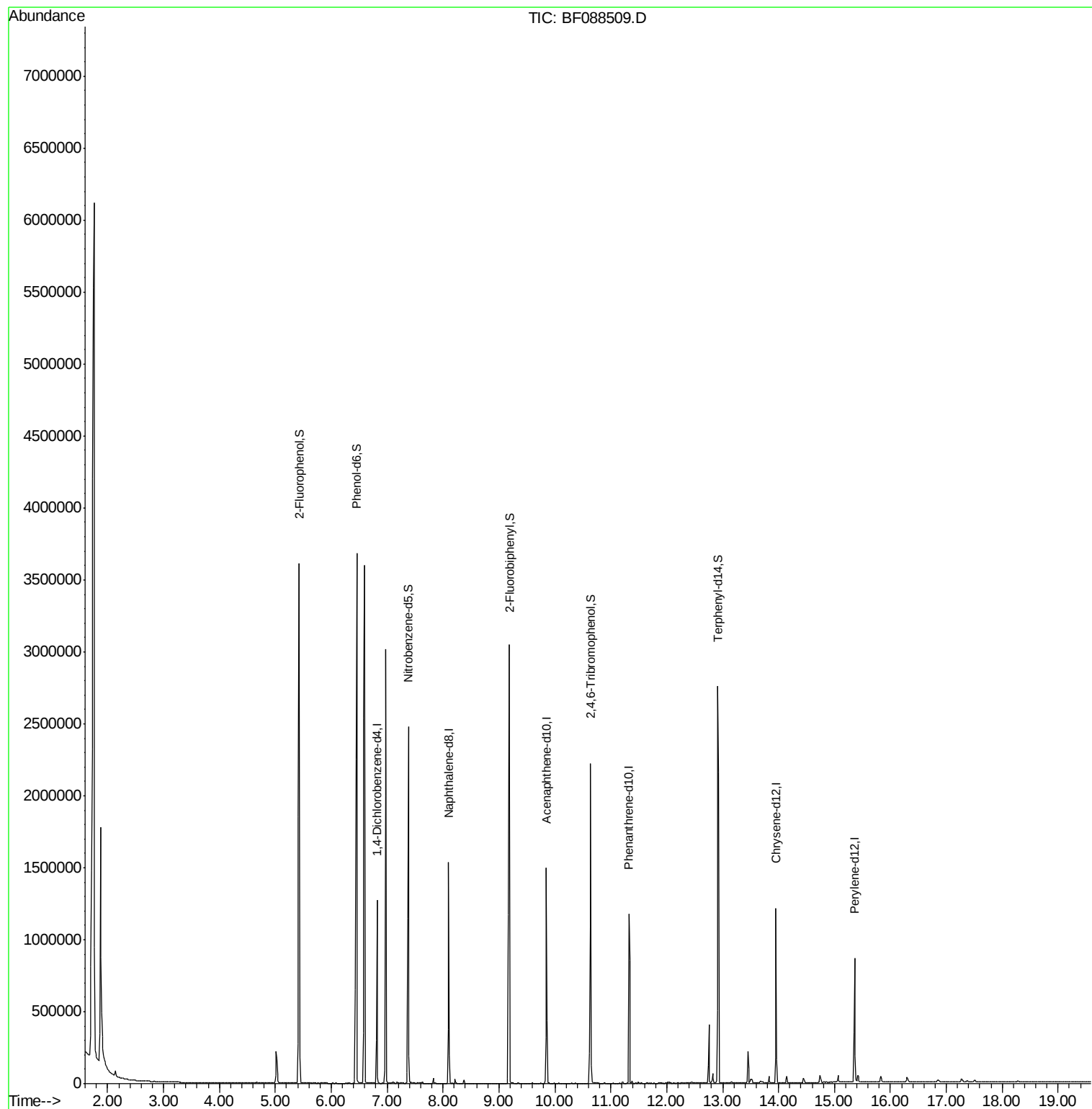
Target Compounds Qvalue

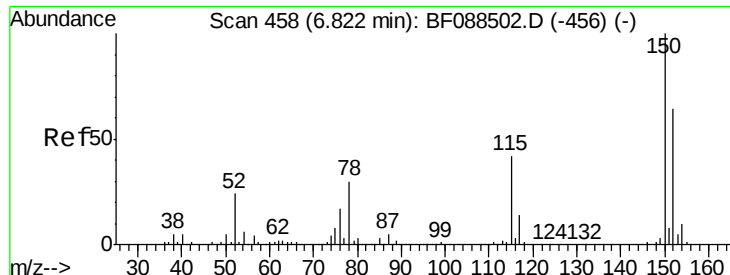
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

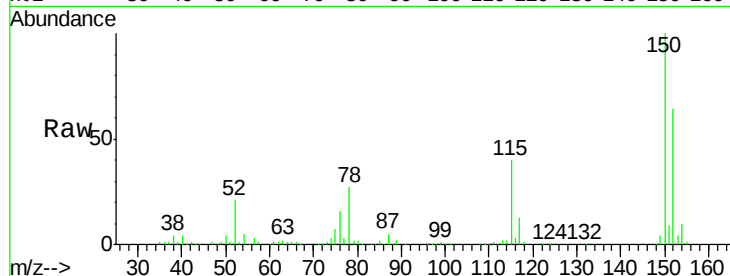
Tot Ion:152 Resp: 175709

Ion Ratio Lower Upper

152 100

150 155.4 124.5 186.7

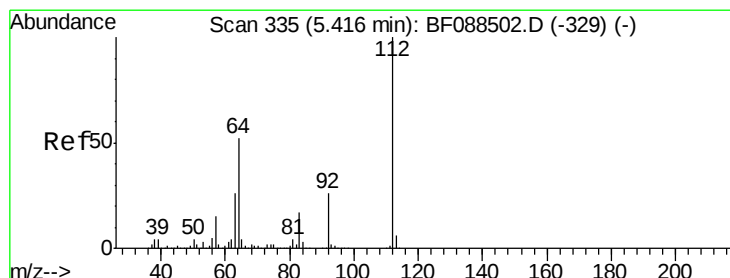
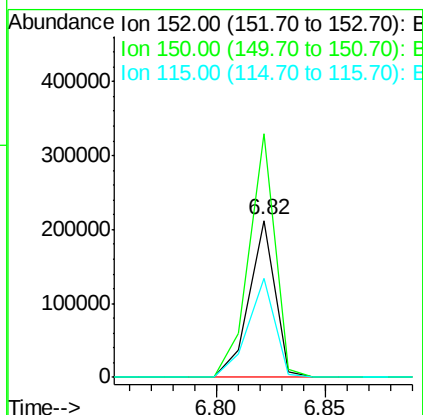
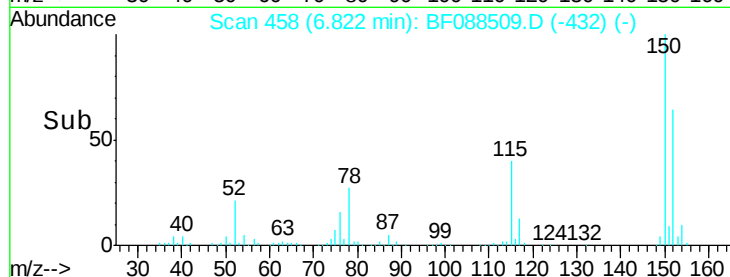
115 62.9 52.3 78.5



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: 96.96 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

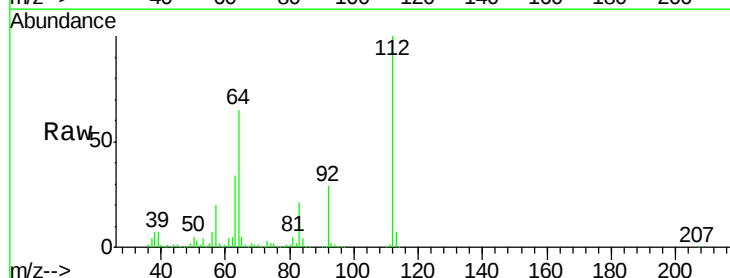
Tgt Ion:112 Resp: 1100117

Ion Ratio Lower Upper

112 100

64 64.7 41.5 62.3#

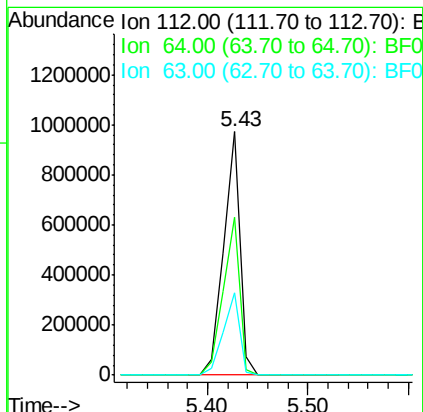
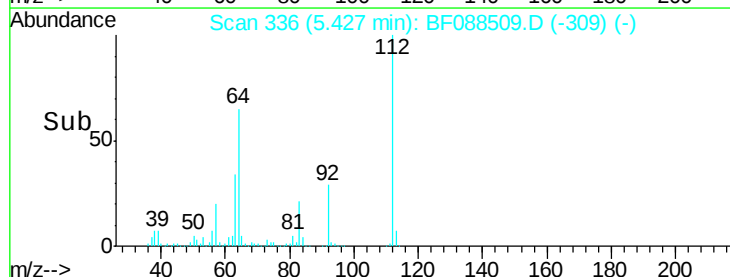
63 33.6 20.6 31.0#

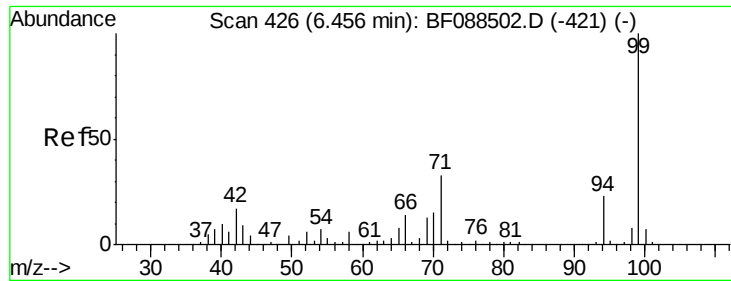


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.66 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

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PB91573TB

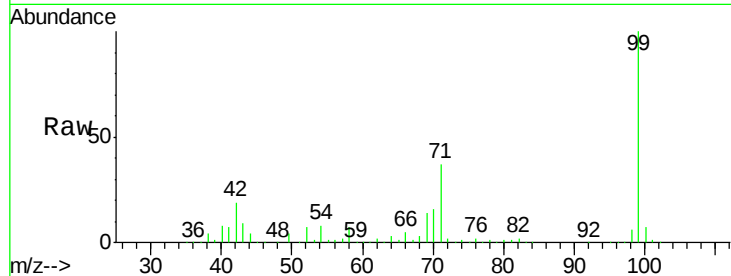
Tot Ion: 99 Resp: 1591139

Ion Ratio Lower Upper

99 100

42 19.2 13.4 20.0

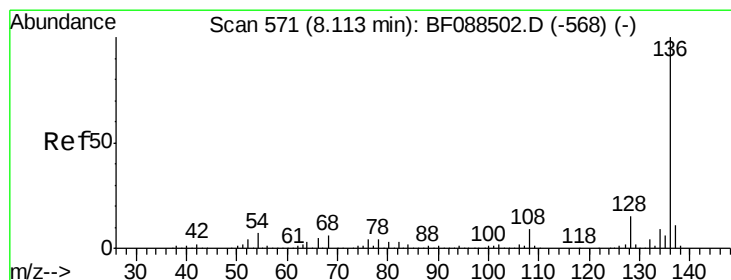
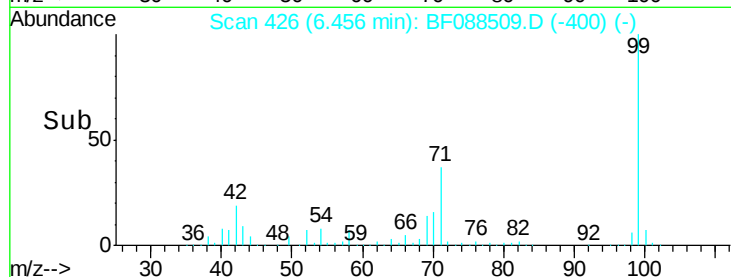
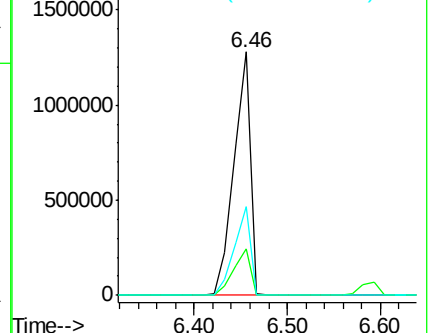
71 36.7 26.1 39.1



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: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Tgt Ion: 136 Resp: 680760

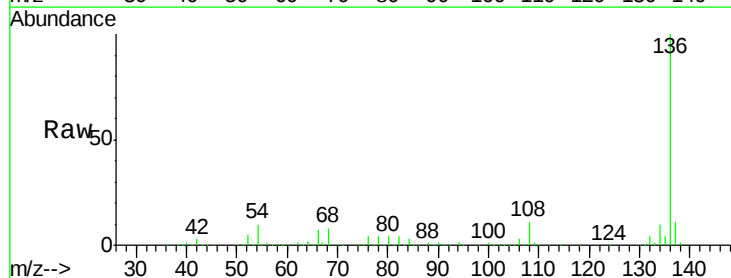
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.7 5.4 8.2#

68 8.2 4.9 7.3#

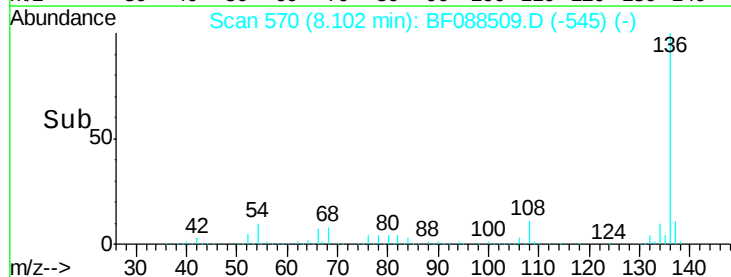
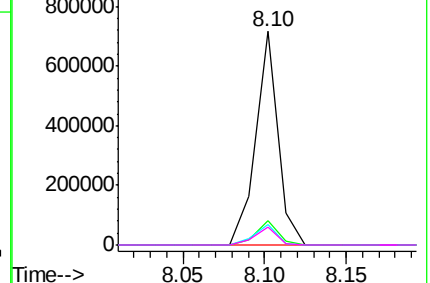


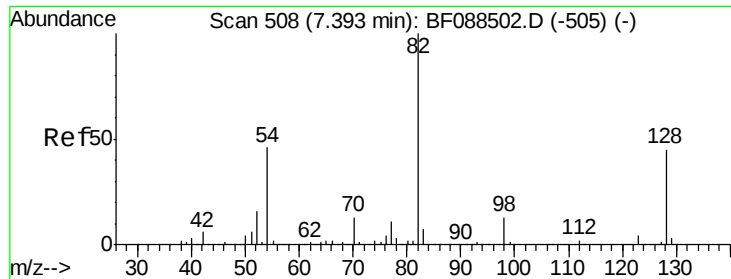
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.07 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

Instrument :

BNA_F

ClientSampleId :

PB91573TB

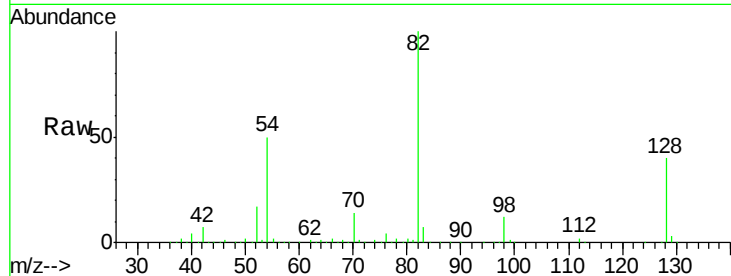
Tot Ion: 82 Resp: 921127

Ion Ratio Lower Upper

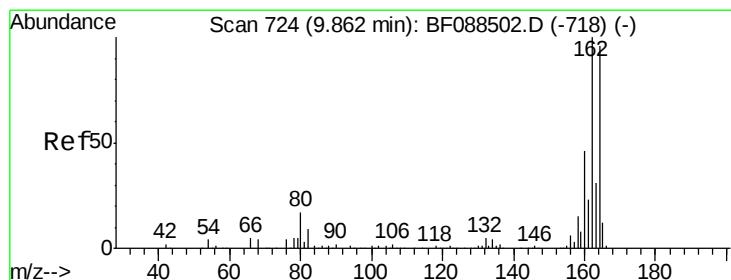
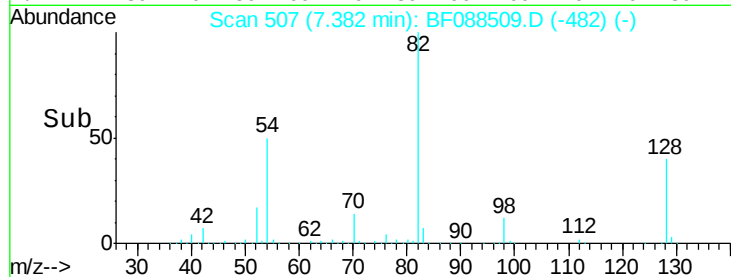
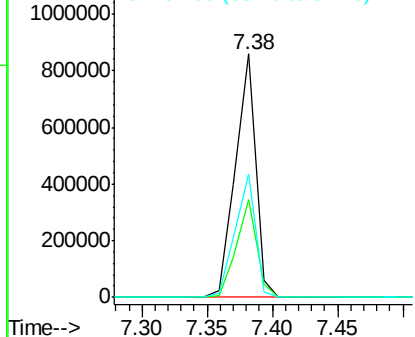
82 100

128 40.4 35.8 53.8

54 50.5 37.1 55.7



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: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF088509.D

Acq: 29 Jun 2016 23:28

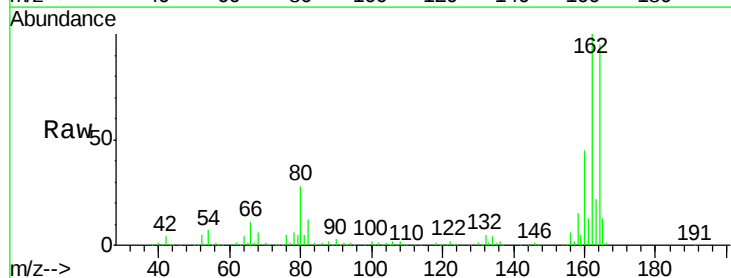
Tgt Ion:164 Resp: 310991

Ion Ratio Lower Upper

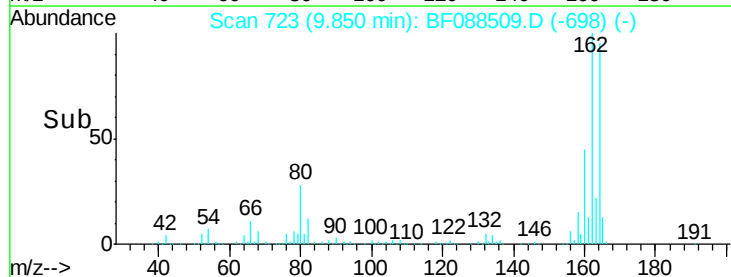
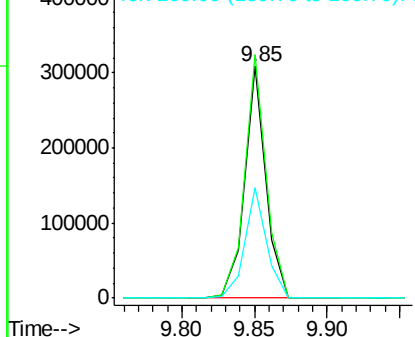
164 100

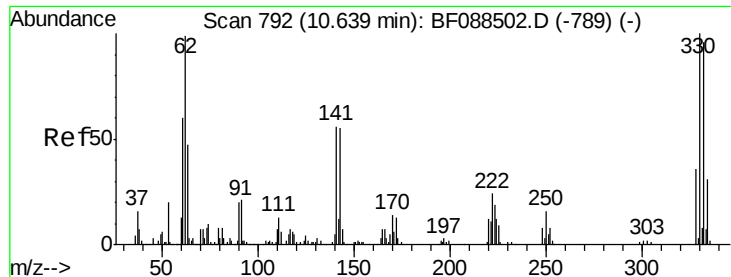
162 105.1 83.7 125.5

160 47.7 38.9 58.3



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

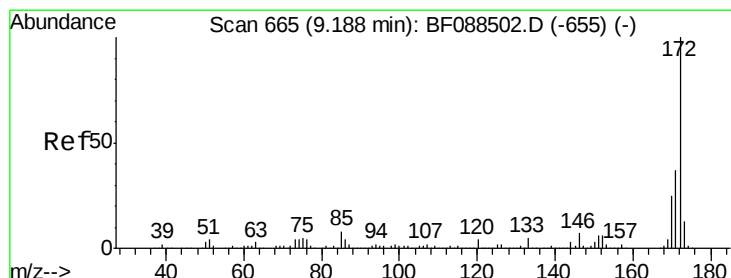
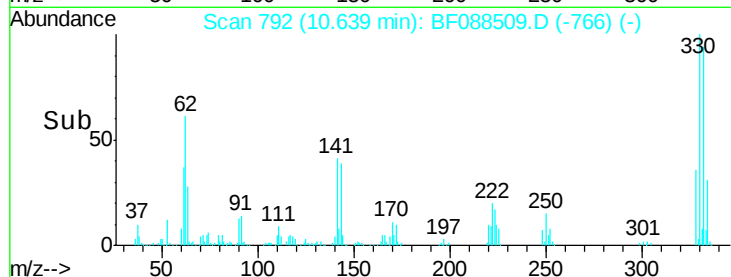
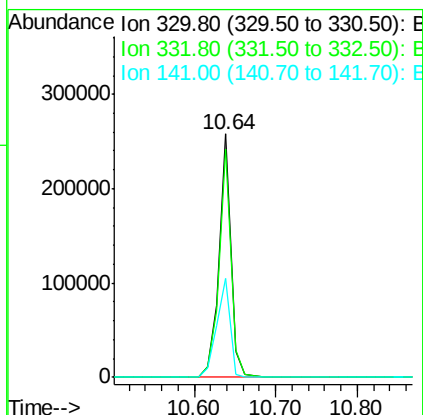
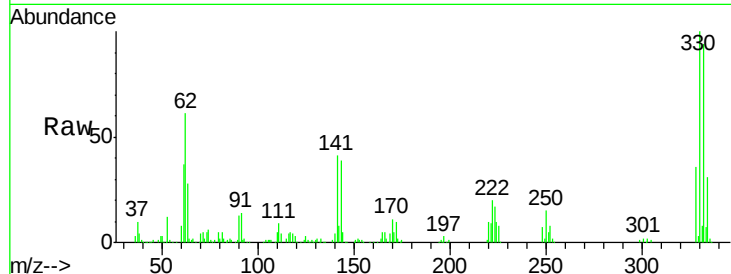




#41
 2,4,6-Tribromophenol
 Concen: 110.08 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088509.D
 Acq: 29 Jun 2016 23:28

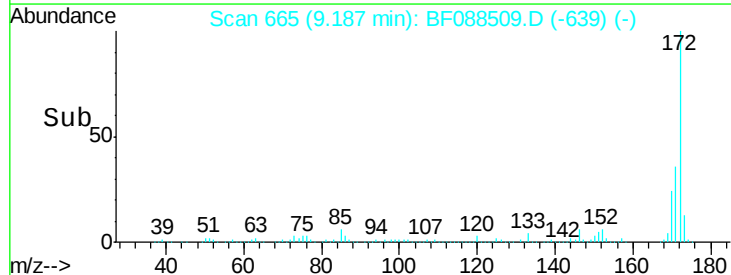
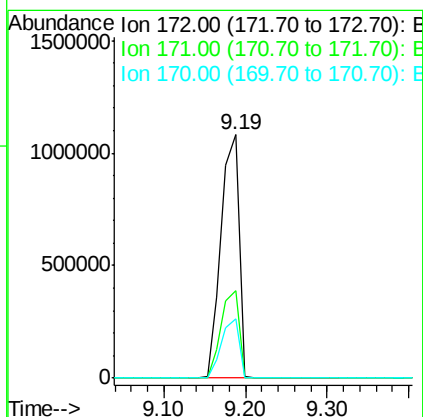
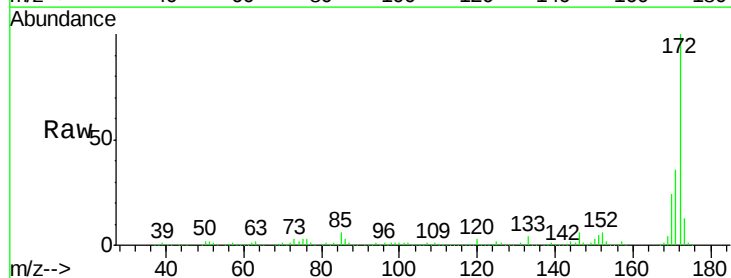
Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

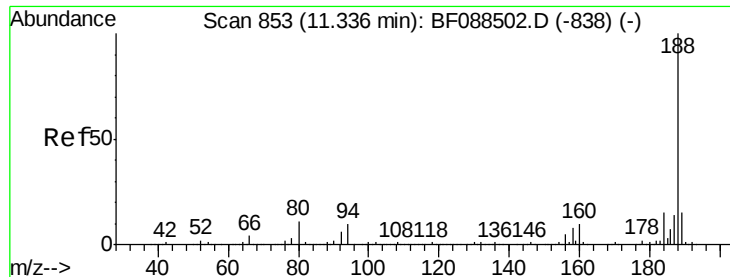
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	0.0	0.0#
141	46.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 85.18 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088509.D
 Acq: 29 Jun 2016 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.3	43.9
170	24.4	19.8	29.8

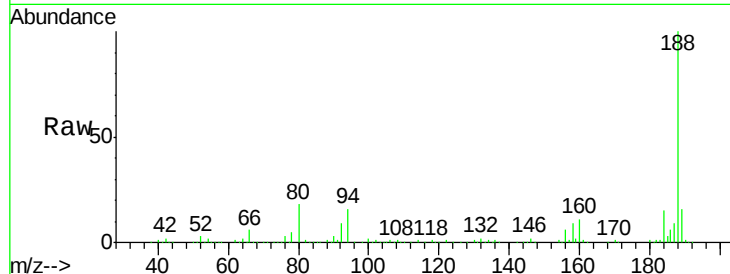




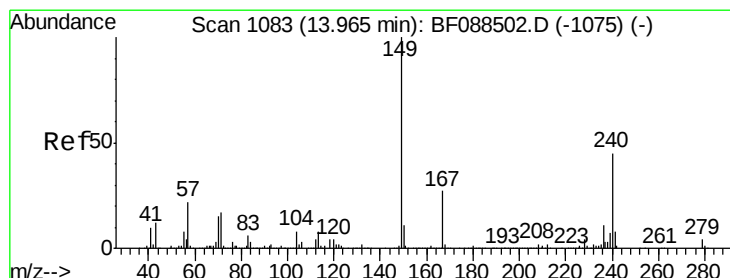
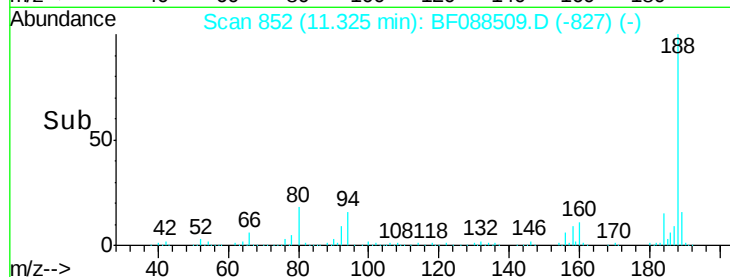
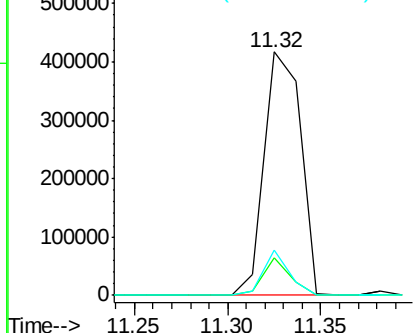
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tot Ion:188 Resp: 564325
Ion Ratio Lower Upper
188 100
94 15.7 7.8 11.8#
80 18.5 8.7 13.1#

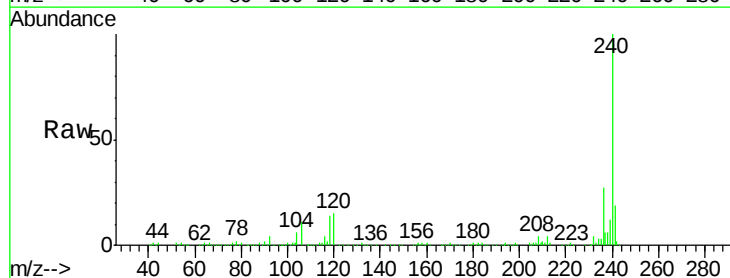


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

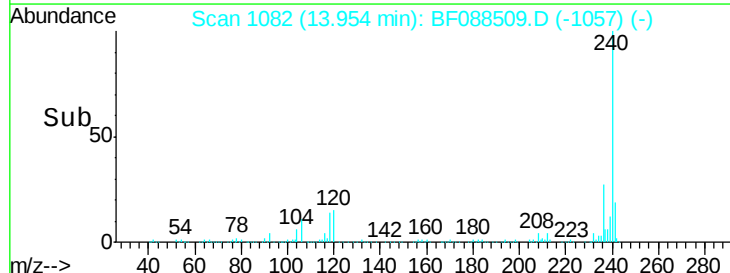
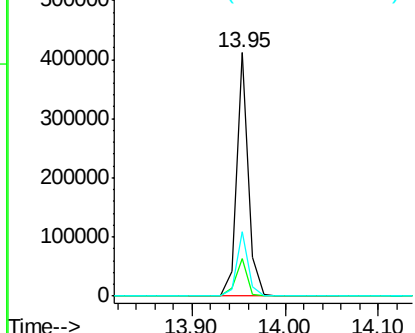


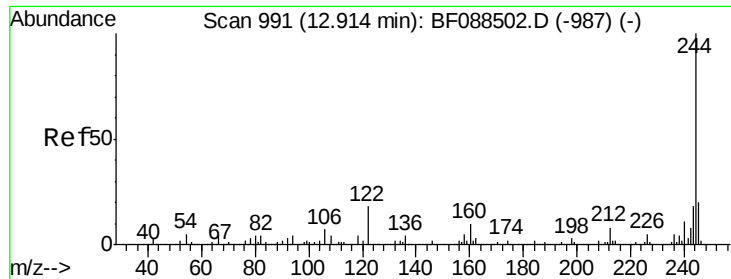
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF088509.D
Acq: 29 Jun 2016 23:28

Tgt Ion:240 Resp: 361893
Ion Ratio Lower Upper
240 100
120 15.4 7.1 10.7#
236 26.6 20.3 30.5



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

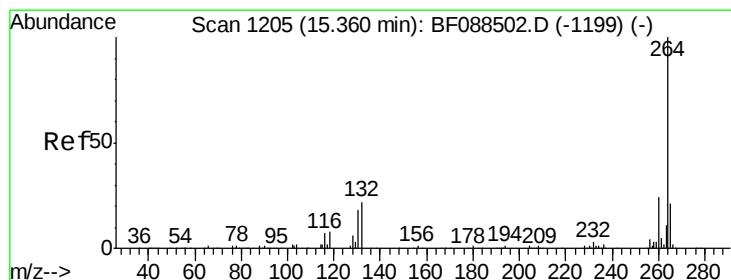
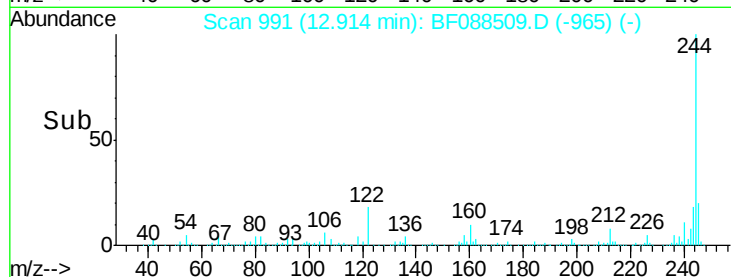
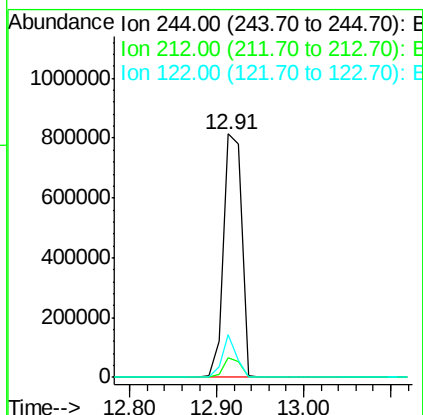
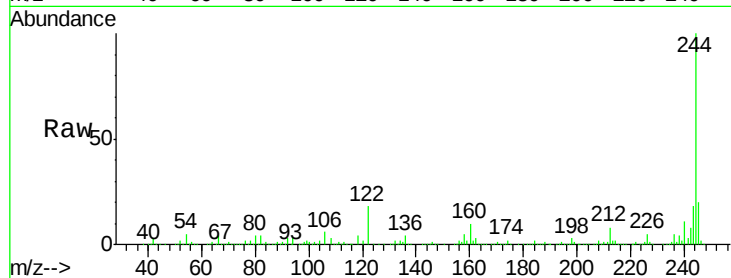




#78
 Terphenyl-d14
 Concen: 63.85 ng
 RT: 12.91 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF088509.D
 Acq: 29 Jun 2016 23:28

Instrument :
 BNA_F
 ClientSampled :
 PB91573TB

Tot Ion:244 Resp: 1186989
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 17.6 14.8 22.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF088509.D
 Acq: 29 Jun 2016 23:28

Tgt Ion:264 Resp: 350726
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.2 17.1 25.7

