

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080518.D
 Acq On : 16 Jul 2015 19:17
 Operator : TP/UM
 Sample : PB84482TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84482TB

Quant Time: Jul 17 05:54:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 17:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	22405	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	94523	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	42885	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	82427	20.00	ng	0.00
75) Chrysene-d12	14.42	240	67185	20.00	ng	-0.01
86) Perylene-d12	16.12	264	59056	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	149758	113.95	ng	0.00
7) Phenol-d6	6.72	99	205637	115.22	ng	0.00
23) Nitrobenzene-d5	7.64	82	111409	69.18	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	39837	119.39	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	241838	76.74	ng	0.00
78) Terphenyl-d14	13.22	244	223936	69.11	ng	-0.01

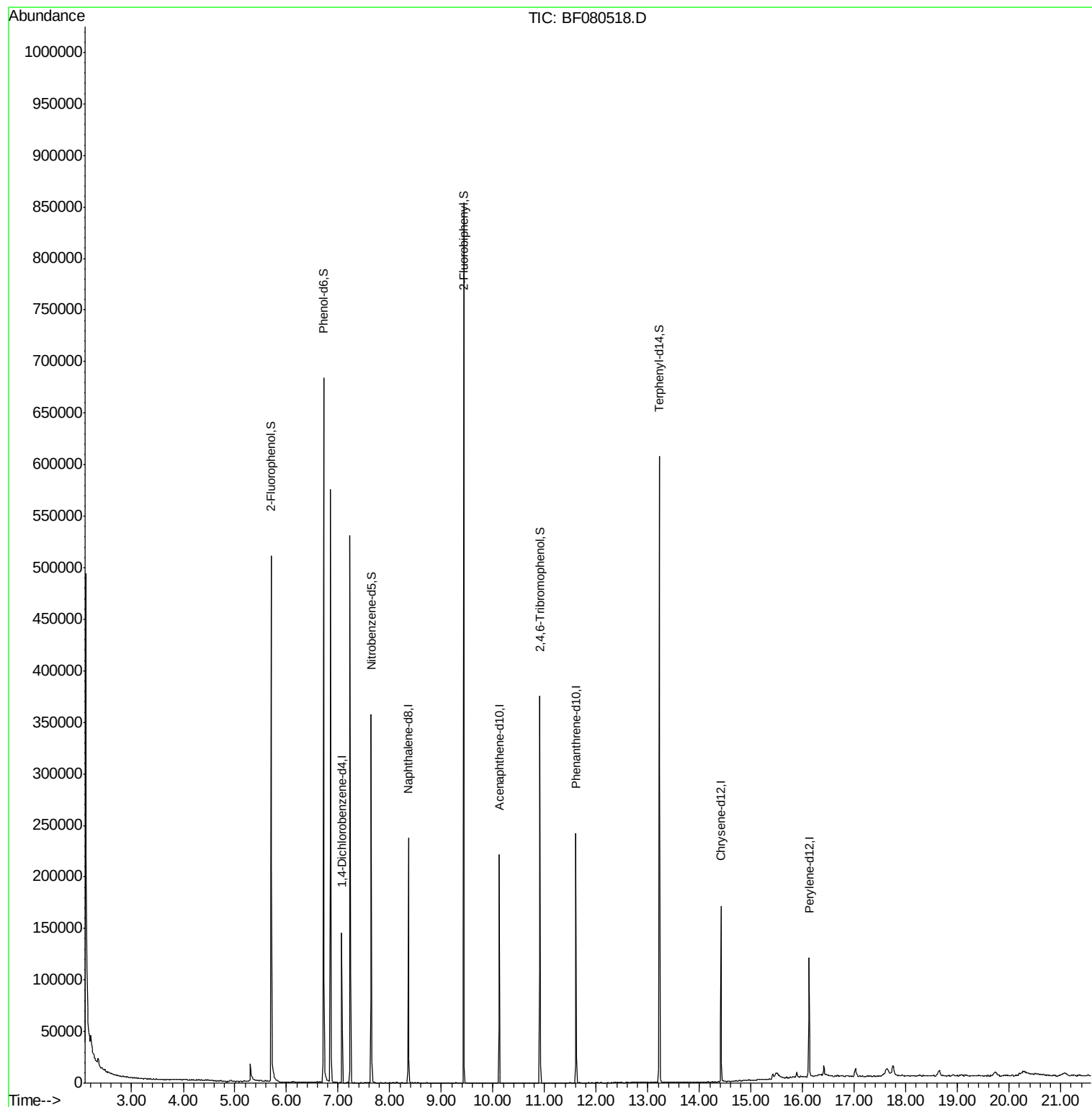
Target Compounds	Qvalue
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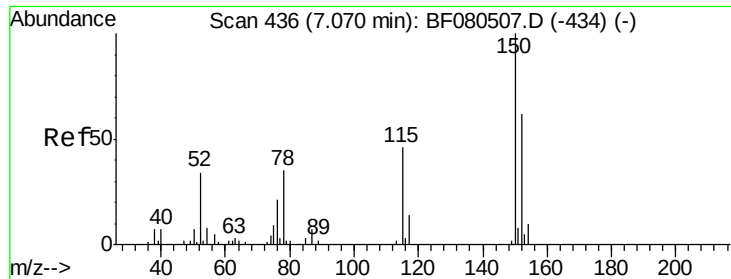
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080518.D

Acq: 16 Jul 2015 19:17

Instrument :

BNA_F

ClientSampleId :

PB84482TB

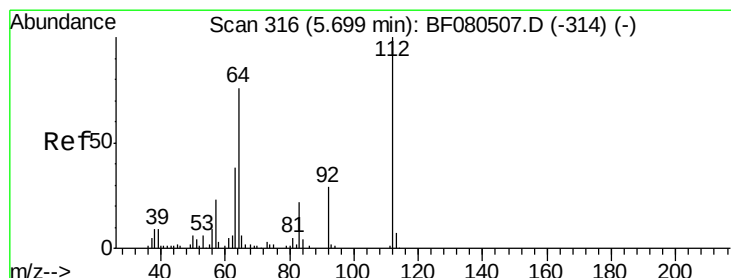
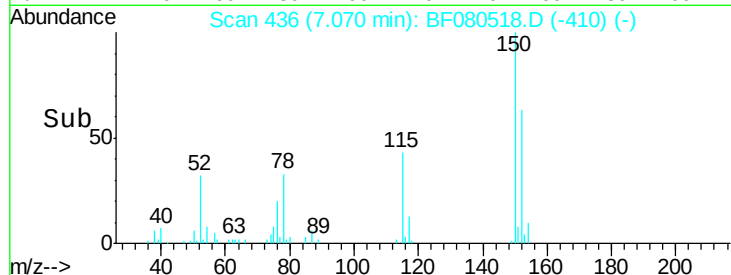
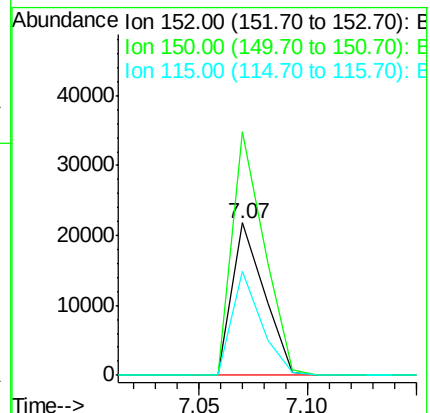
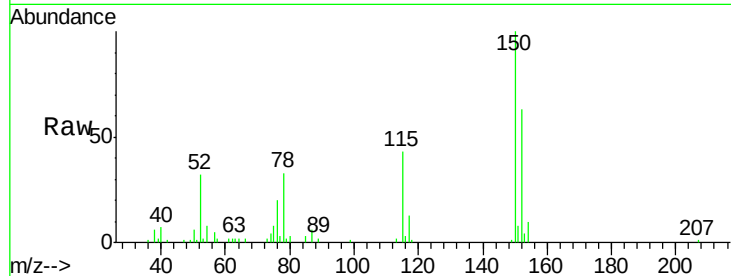
Tgt Ion:152 Resp: 22405

Ion Ratio Lower Upper

152 100

150 159.5 124.7 187.1

115 67.8 39.0 58.4#



#5

2-Fluorophenol

Concen: 113.95 ng

RT: 5.70 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF080518.D

Acq: 16 Jul 2015 19:17

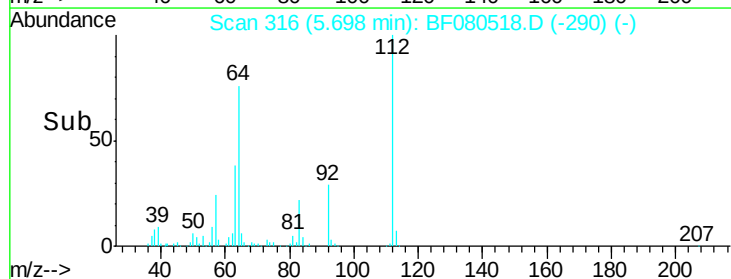
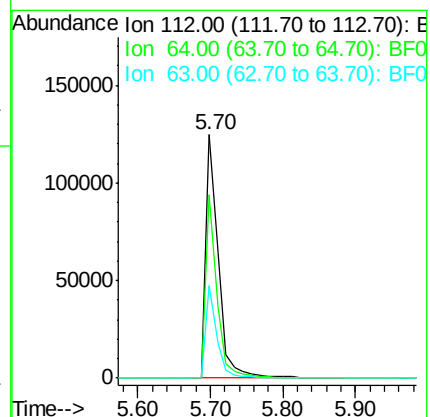
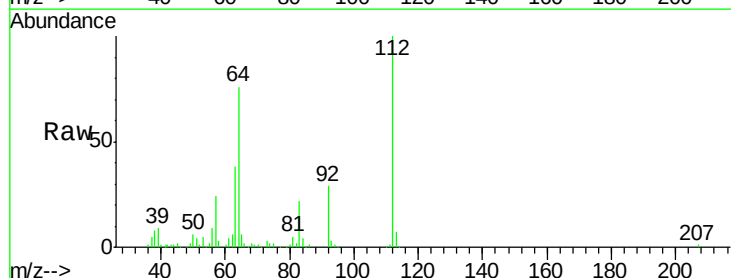
Tgt Ion:112 Resp: 149758

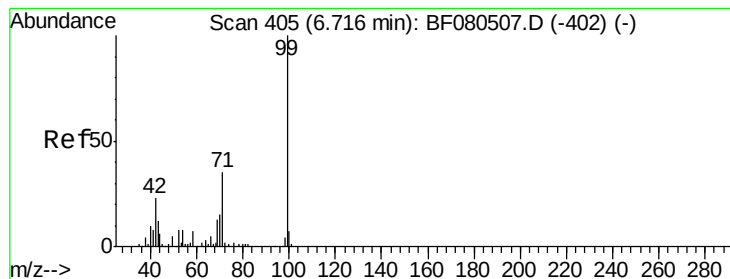
Ion Ratio Lower Upper

112 100

64 75.6 39.7 59.5#

63 37.9 17.4 26.0#





#7

Phenol-d6

Concen: 115.22 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080518.D

Acq: 16 Jul 2015 19:17

Instrument :

BNA_F

ClientSampleId :

PB84482TB

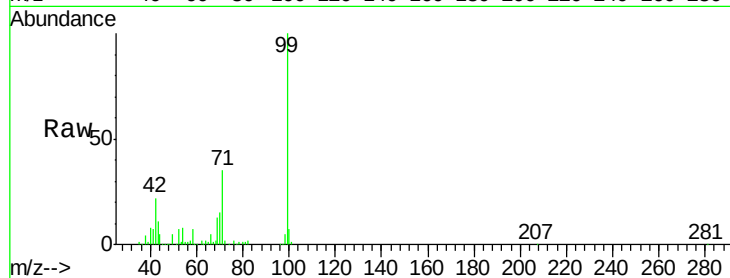
Tgt Ion: 99 Resp: 205637

Ion Ratio Lower Upper

99 100

42 21.6 13.7 20.5#

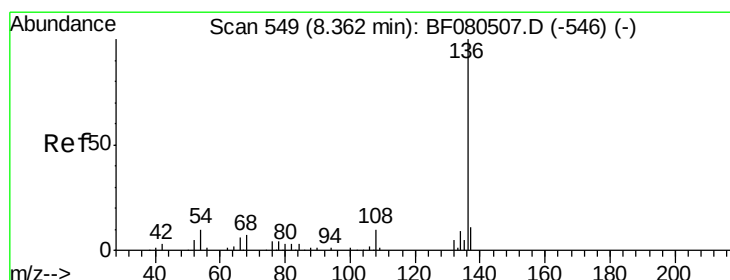
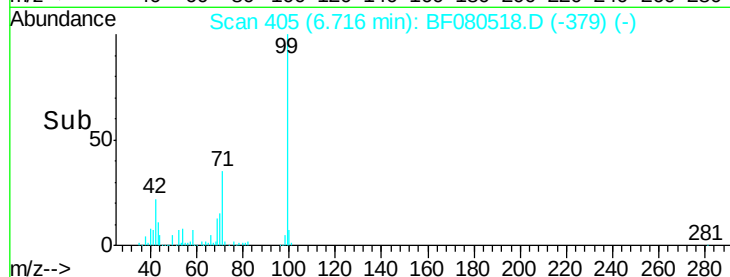
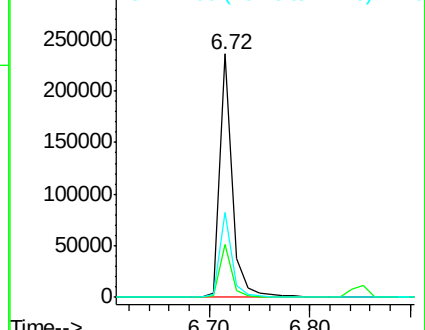
71 34.7 14.2 21.2#



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: 8.36 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF080518.D

Acq: 16 Jul 2015 19:17

Tgt Ion: 136 Resp: 94523

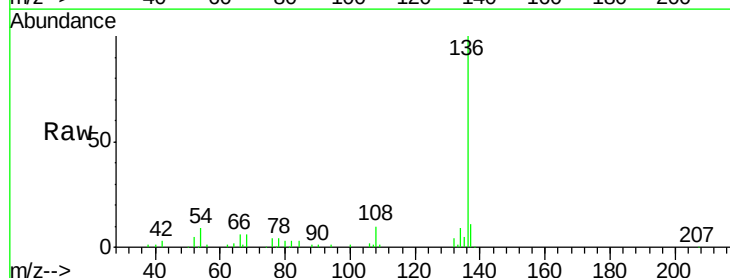
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 9.4 8.2 12.2

68 6.3 5.8 8.6

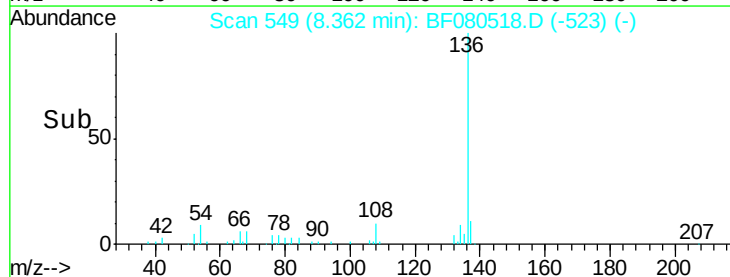
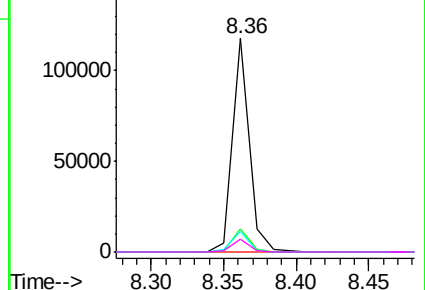


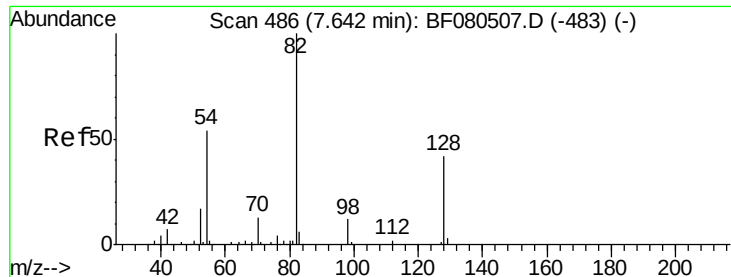
Abundance Ion 136.00 (135.70 to 136.70): E

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

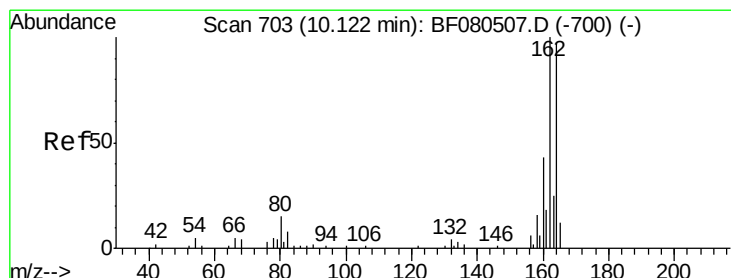
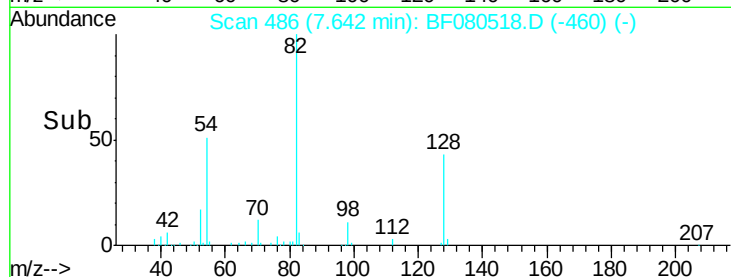
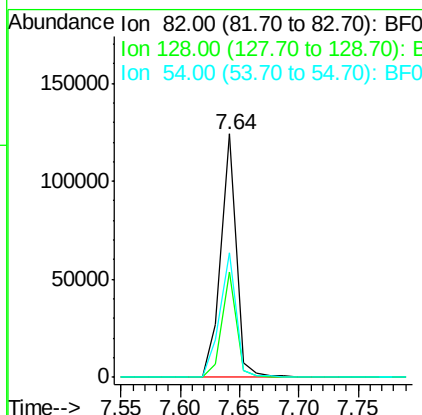
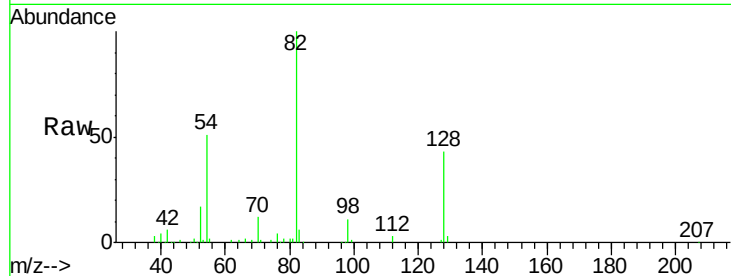




#23
 Nitrobenzene-d5
 Concen: 69.18 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF080518.D
 Acq: 16 Jul 2015 19:17

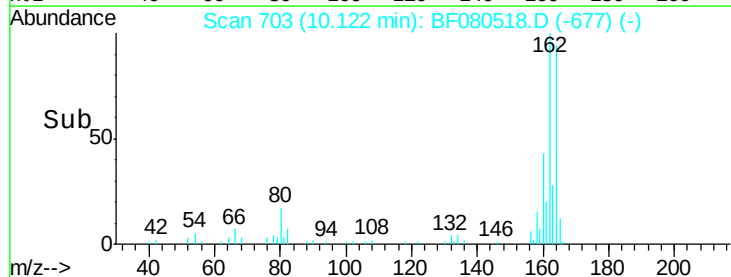
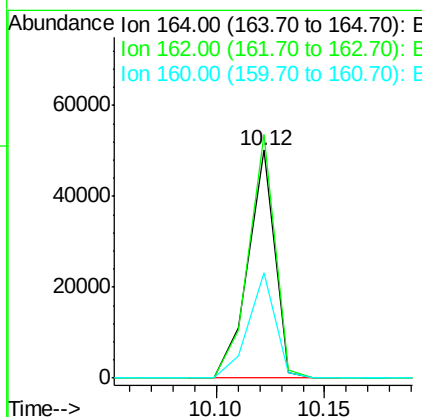
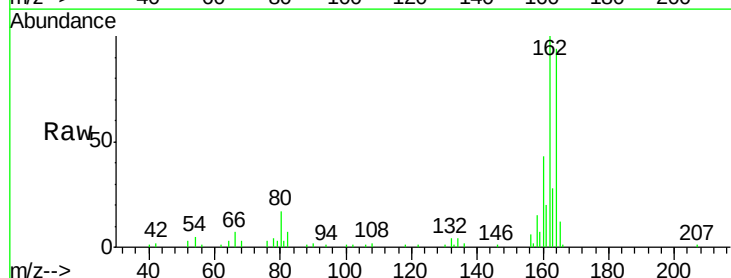
Instrument :
 BNA_F
 ClientSampleId :
 PB84482TB

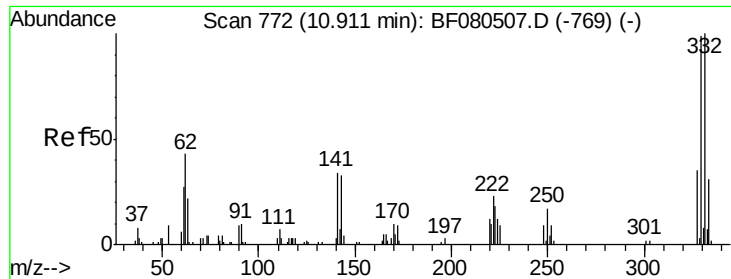
Tgt Ion: 82 Resp: 111409
 Ion Ratio Lower Upper
 82 100
 128 43.2 51.0 76.6#
 54 51.2 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080518.D
 Acq: 16 Jul 2015 19:17

Tgt Ion: 164 Resp: 42885
 Ion Ratio Lower Upper
 164 100
 162 106.9 75.2 112.8
 160 46.2 31.5 47.3

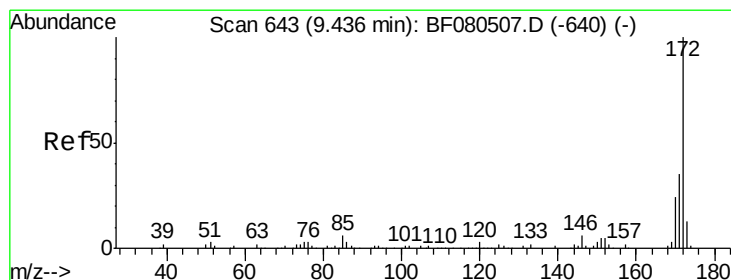
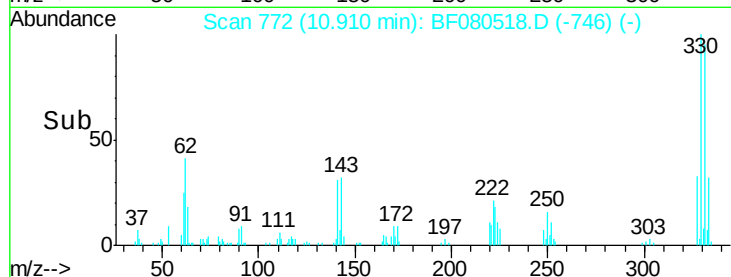
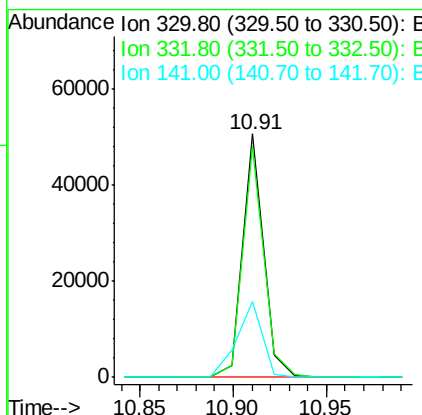
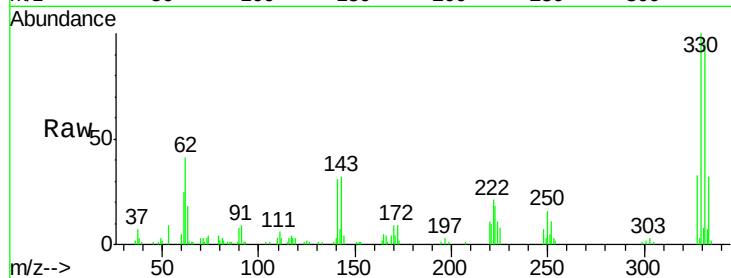




#41
 2,4,6-Tribromophenol
 Concen: 119.39 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080518.D
 Acq: 16 Jul 2015 19:17

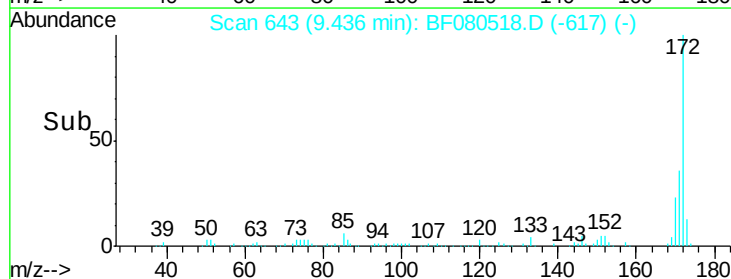
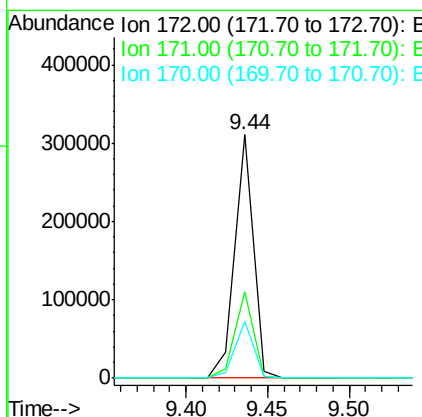
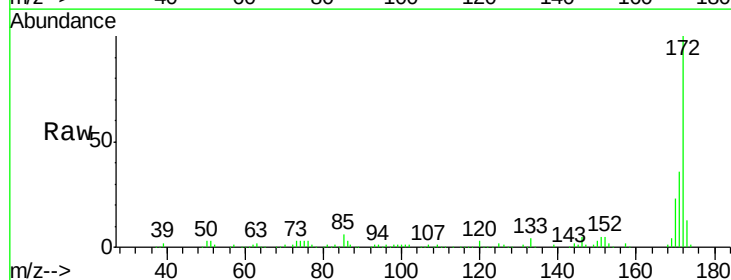
Instrument :
 BNA_F
 ClientSampleId :
 PB84482TB

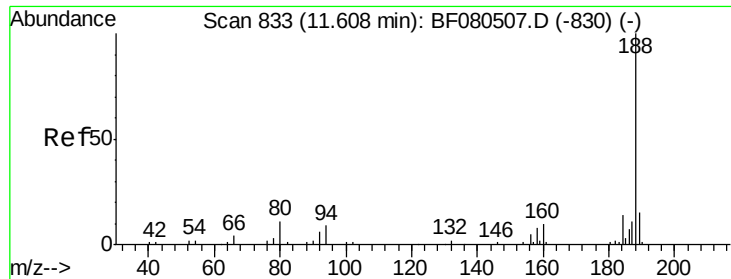
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	38.1	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 76.74 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080518.D
 Acq: 16 Jul 2015 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	23.2	17.4	26.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF080518.D

Acq: 16 Jul 2015 19:17

Instrument :

BNA_F

ClientSampleId :

PB84482TB

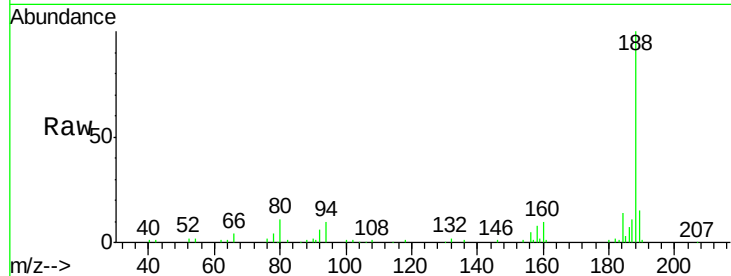
Tgt Ion:188 Resp: 82427

Ion Ratio Lower Upper

188 100

94 10.1 11.1 16.7#

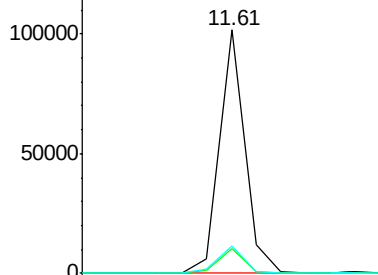
80 11.0 11.0 16.4



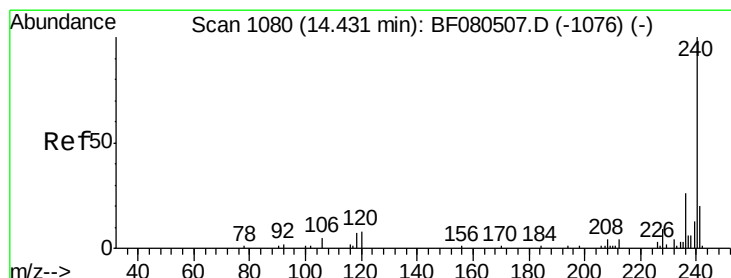
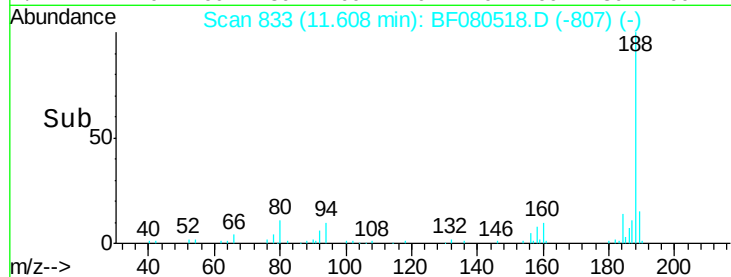
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.42 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF080518.D

Acq: 16 Jul 2015 19:17

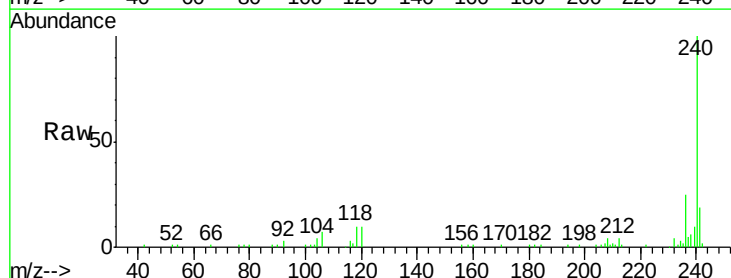
Tgt Ion:240 Resp: 67185

Ion Ratio Lower Upper

240 100

120 9.8 16.2 24.2#

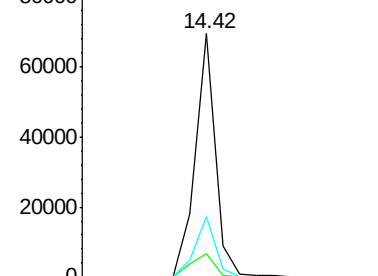
236 25.1 18.4 27.6



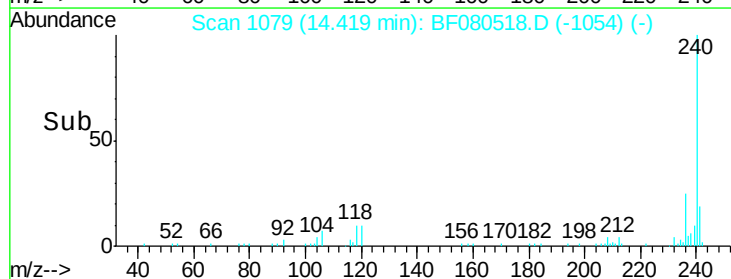
Abundance Ion 240.00 (239.70 to 240.70): E

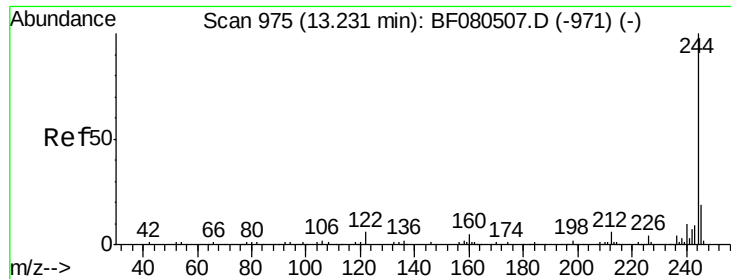
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

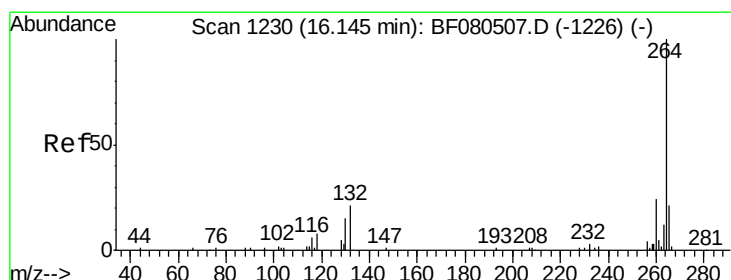
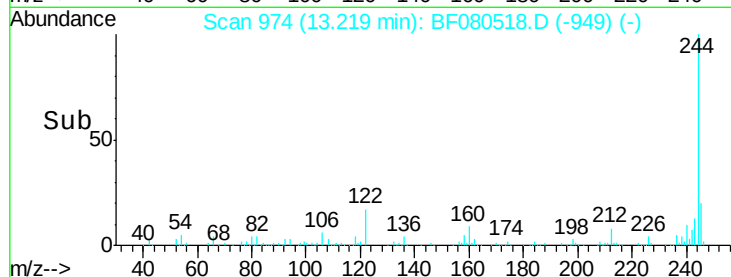
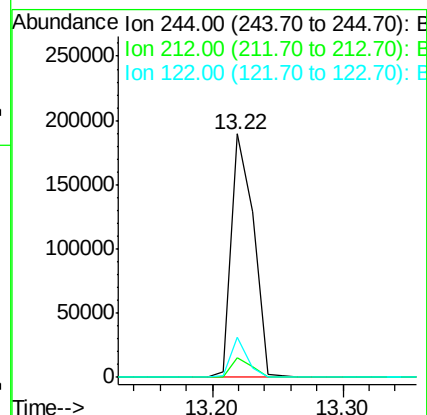
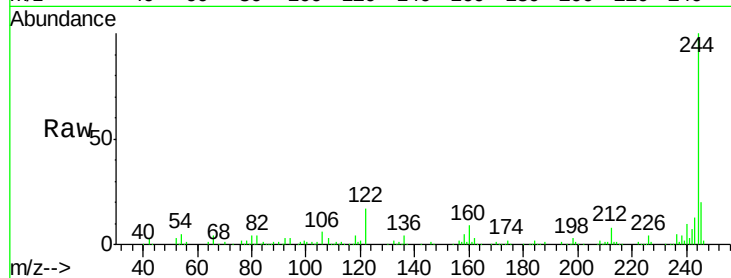




#78
 Terphenyl-d14
 Concen: 69.11 ng
 RT: 13.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF080518.D
 Acq: 16 Jul 2015 19:17

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 PB84482TB

Tgt Ion:244 Resp: 223936
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 16.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF080518.D
 Acq: 16 Jul 2015 19:17

Tgt Ion:264 Resp: 59056
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.3 17.2 25.8

