

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080584.D
 Acq On : 23 Jul 2015 5:56
 Operator : TP/UM
 Sample : G3045-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Quant Time: Jul 23 06:58:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44753	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	167186	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	72621	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	131959	20.00	ng	0.00
75) Chrysene-d12	14.26	240	80268	20.00	ng	-0.06
86) Perylene-d12	15.91	264	46207	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	122161	48.41	ng	0.00
7) Phenol-d6	6.56	99	85153	27.40	ng	-0.01
23) Nitrobenzene-d5	7.52	82	233585	89.99	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	62314	115.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	399227	79.05	ng	0.00
78) Terphenyl-d14	13.11	244	344046	87.90	ng	-0.02

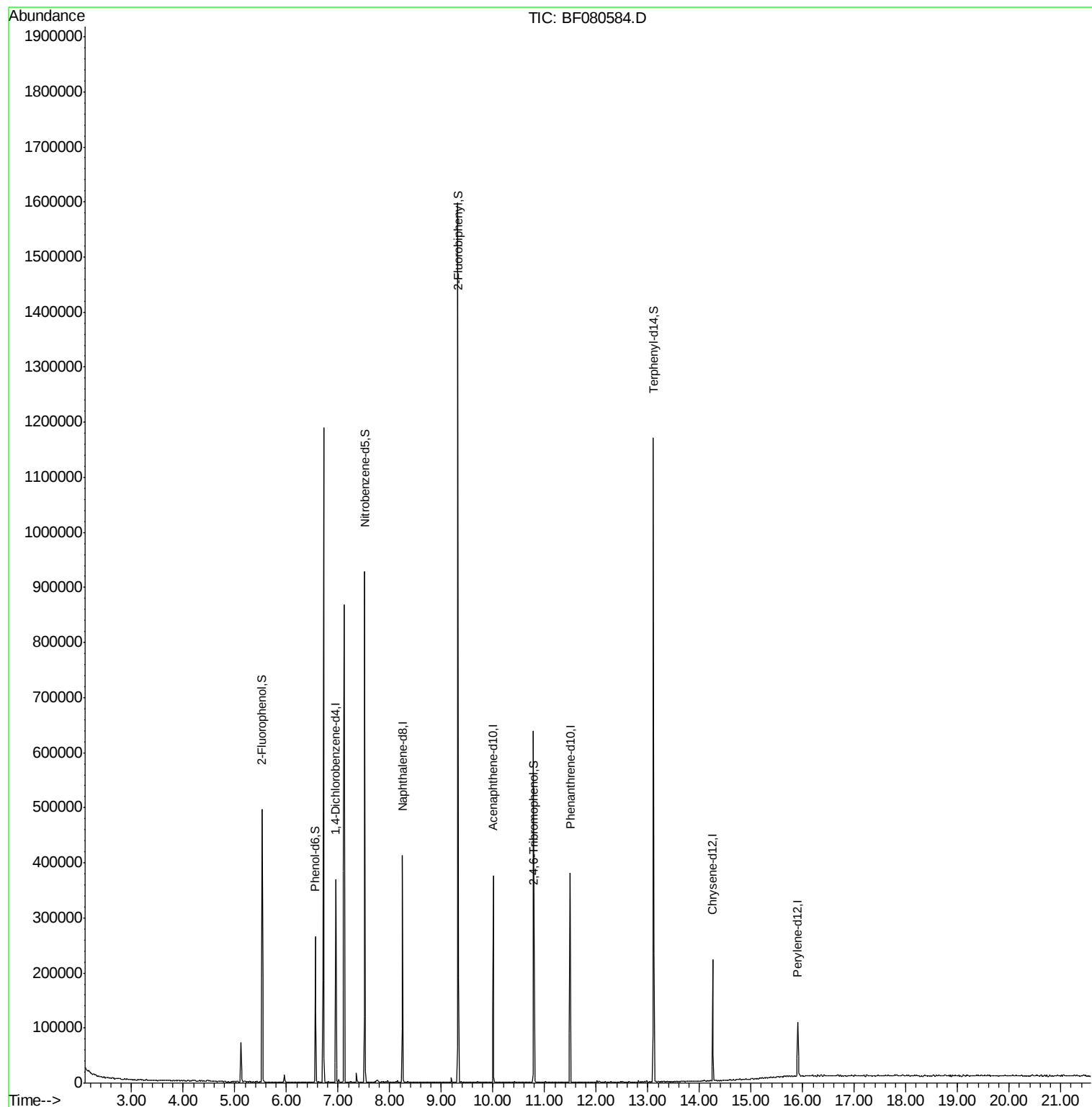
Target Compounds	Qvalue
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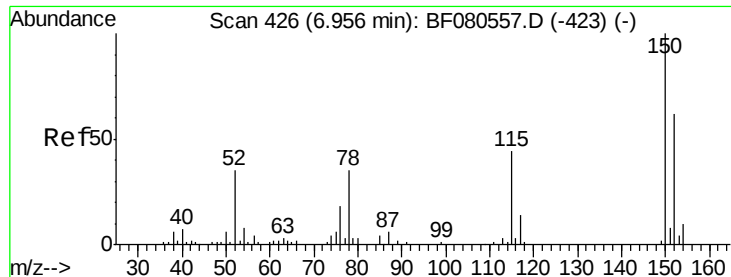
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 23 05:13:42 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

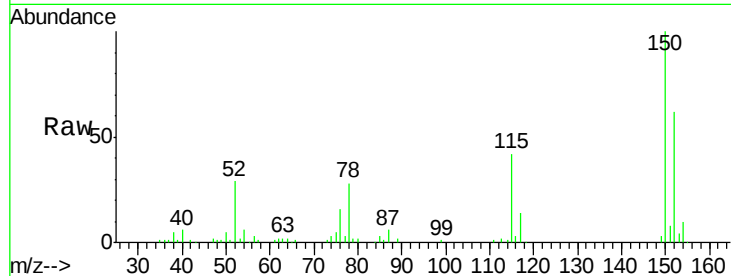
Tgt Ion:152 Resp: 44753

Ion Ratio Lower Upper

152 100

150 162.0 128.7 193.1

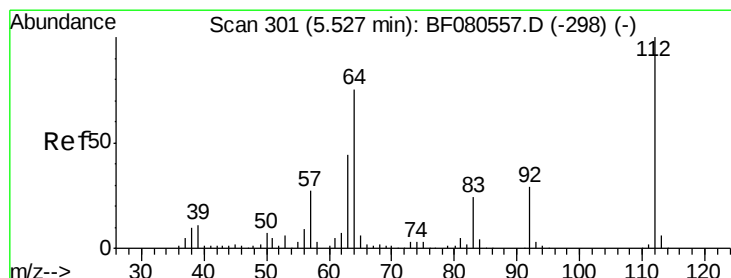
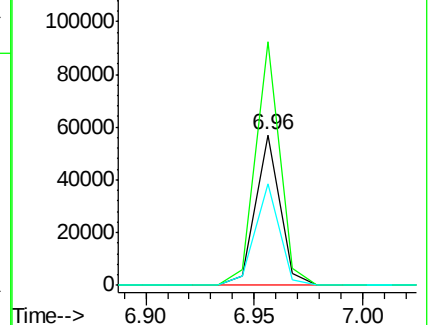
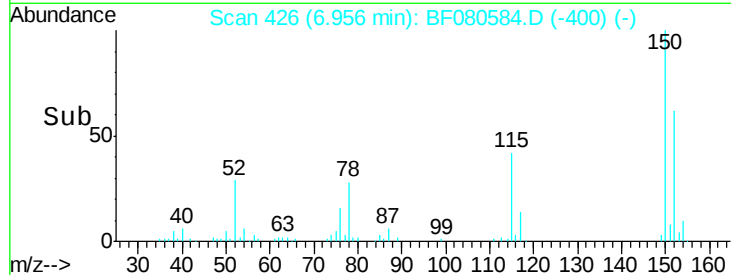
115 67.9 56.8 85.2



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: 48.41 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

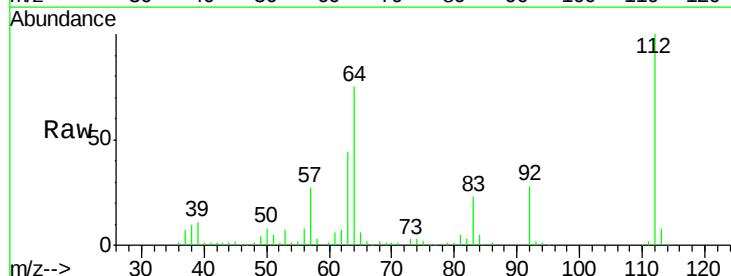
Tgt Ion:112 Resp: 122161

Ion Ratio Lower Upper

112 100

64 75.4 60.2 90.2

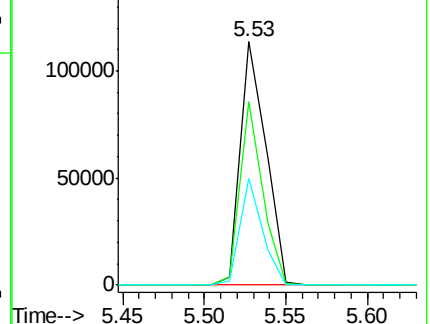
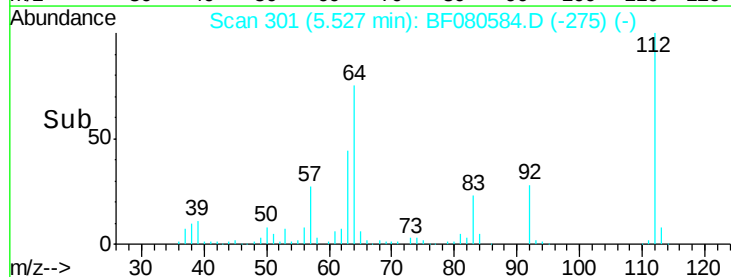
63 43.7 34.8 52.2

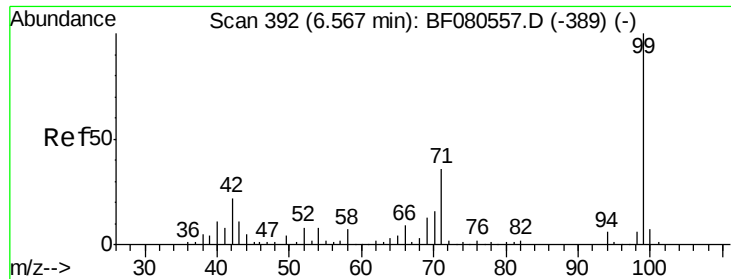


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.40 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

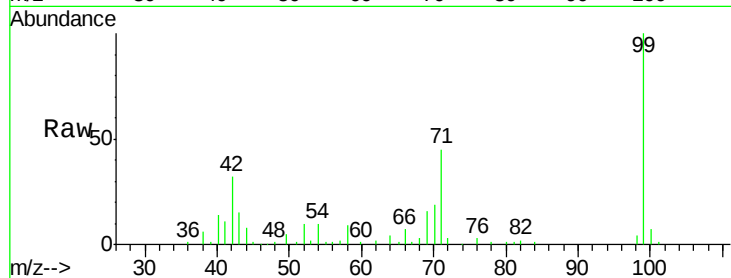
Tgt Ion: 99 Resp: 85153

Ion Ratio Lower Upper

99 100

42 31.9 17.4 26.2#

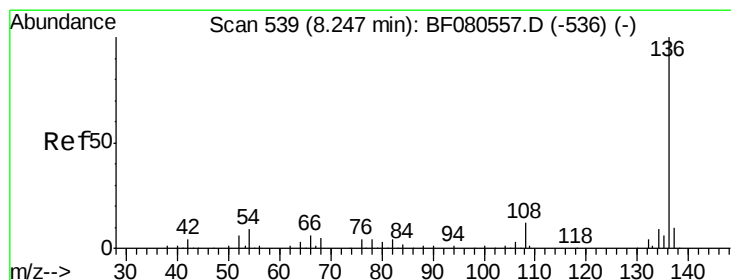
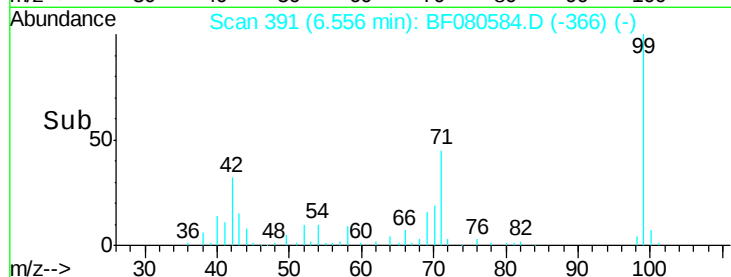
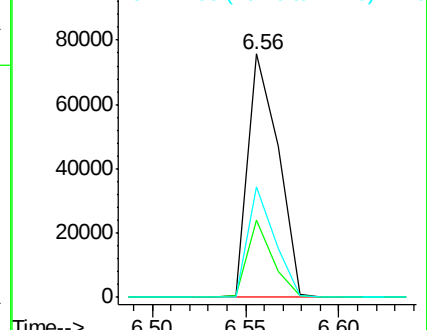
71 45.3 29.0 43.6#



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: 8.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF080584.D

Acq: 23 Jul 2015 5:56

Tgt Ion: 136 Resp: 167186

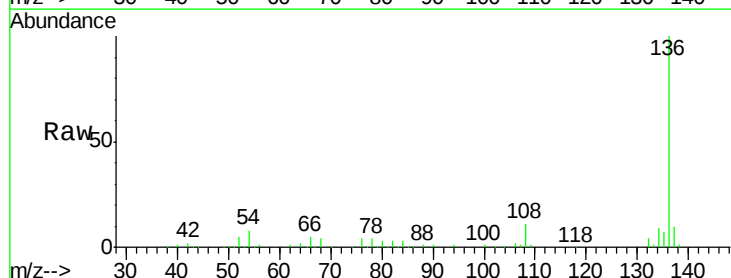
Ion Ratio Lower Upper

136 100

137 10.2 7.8 11.8

54 7.7 7.2 10.8

68 4.1 3.8 5.6

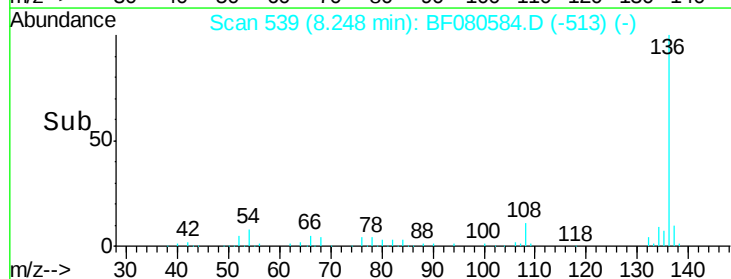
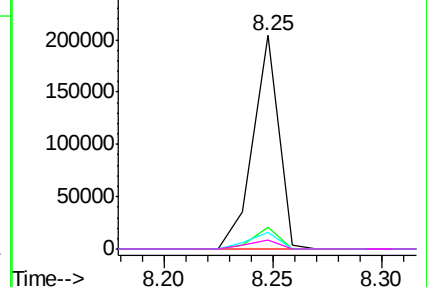


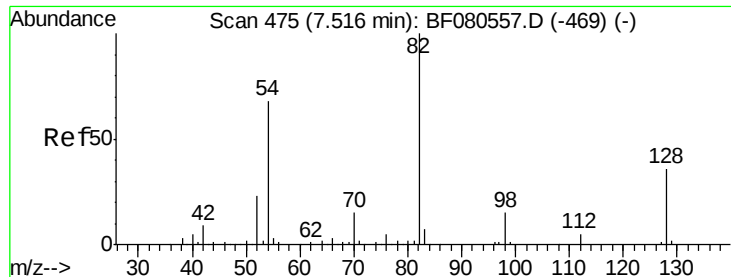
Abundance Ion 136.00 (135.70 to 136.70): E

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

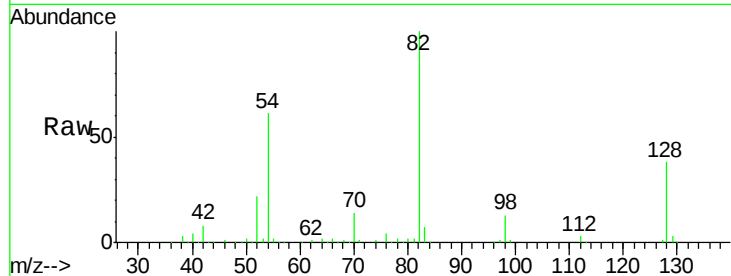




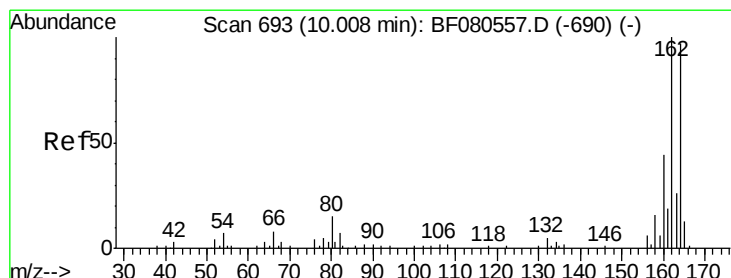
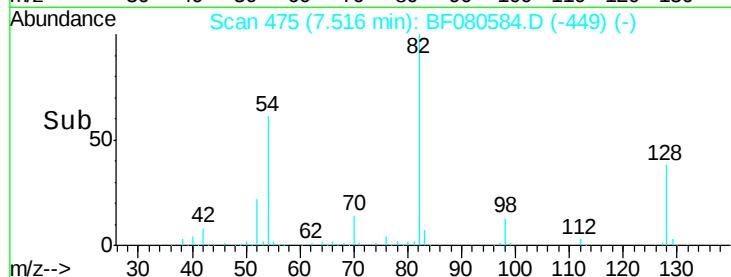
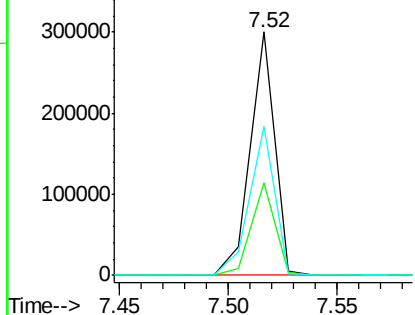
#23
 Nitrobenzene-d5
 Concen: 89.99 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	28.9	43.3
54	61.0	54.5	81.7

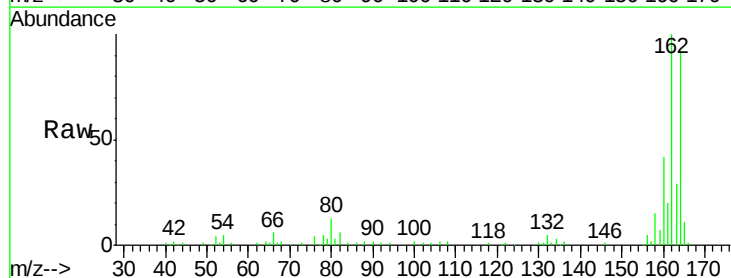


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

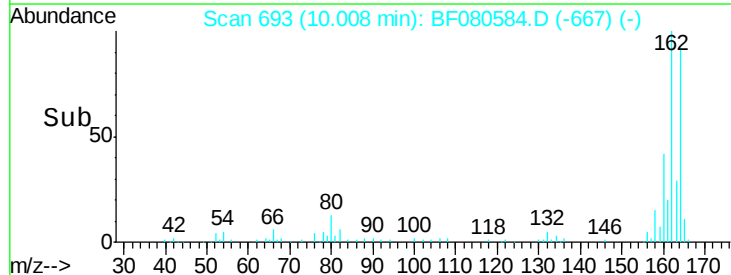
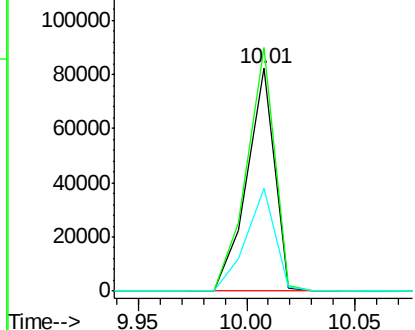


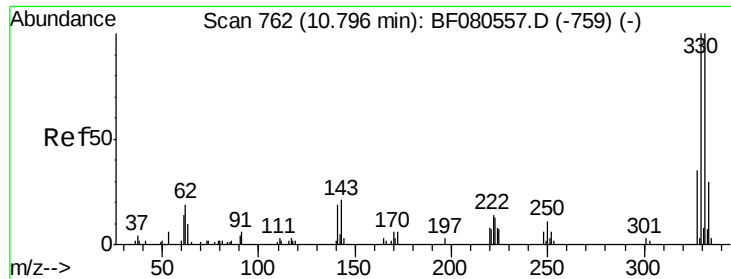
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.2	82.2	123.4
160	45.9	36.1	54.1



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

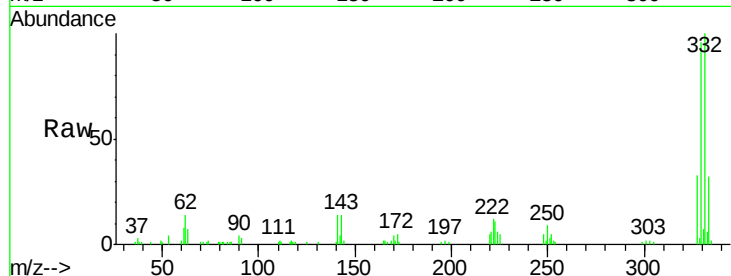




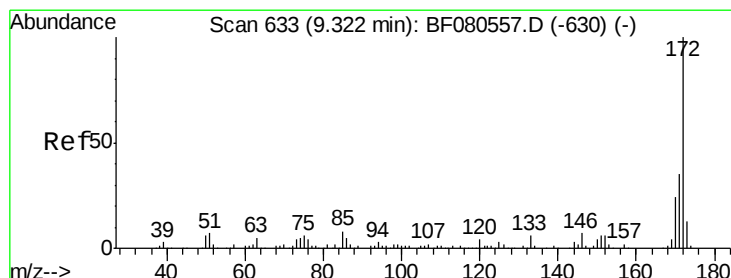
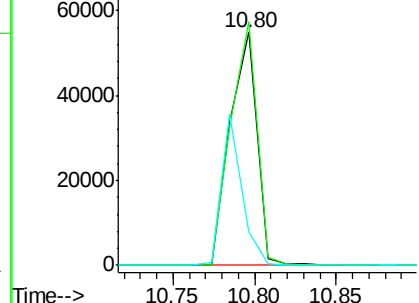
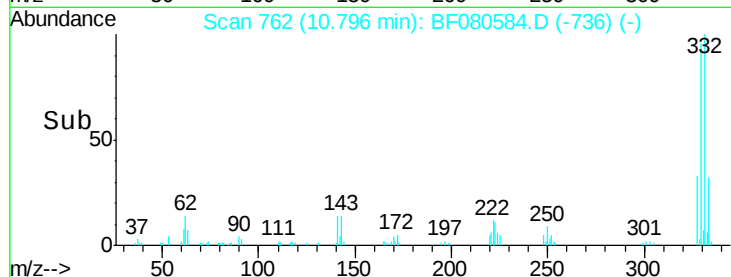
#41
 2,4,6-Tribromophenol
 Concen: 115.64 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:330 Resp: 62314
 Ion Ratio Lower Upper
 330 100
 332 101.5 78.3 117.5
 141 49.4 37.9 56.9

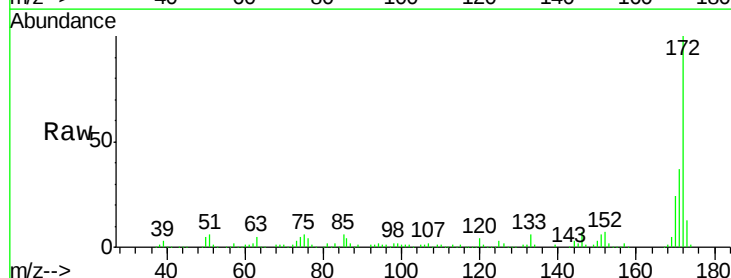


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

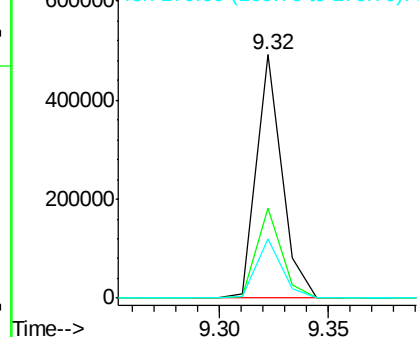
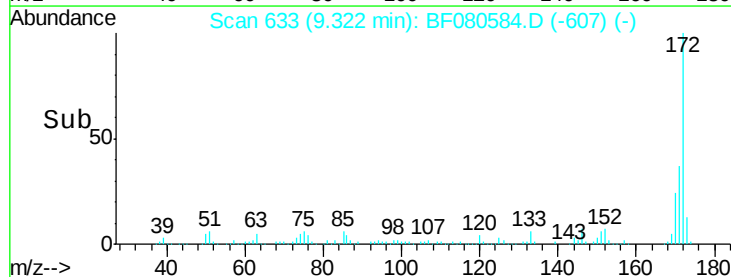


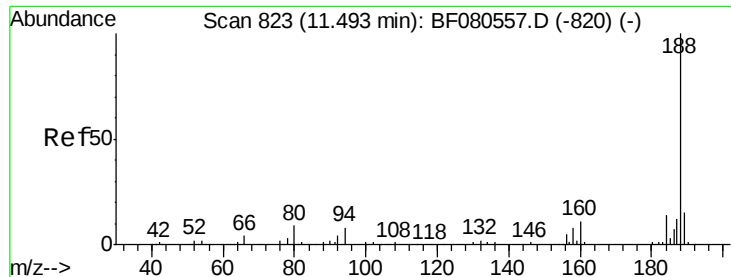
#44
 2-Fluorobiphenyl
 Concen: 79.05 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Tgt Ion:172 Resp: 399227
 Ion Ratio Lower Upper
 172 100
 171 36.8 27.7 41.5
 170 24.2 19.1 28.7



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

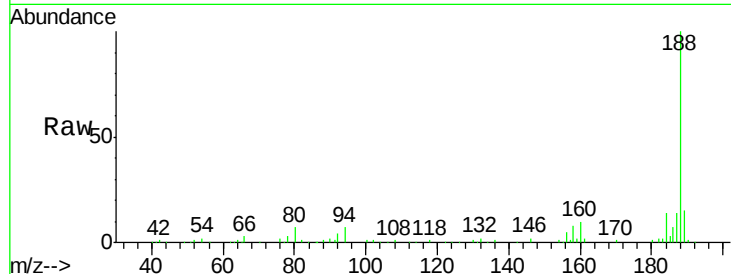




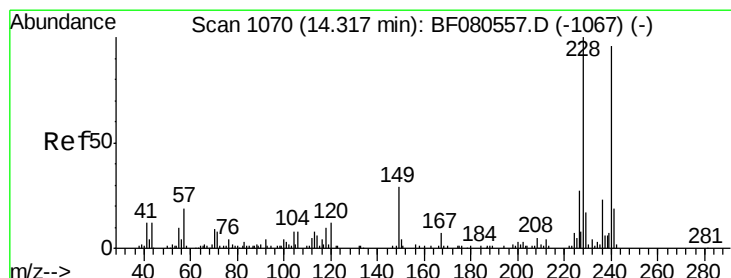
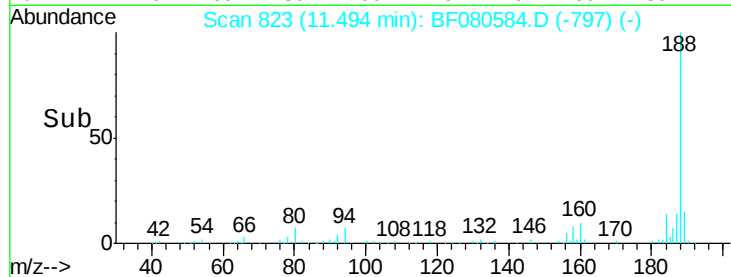
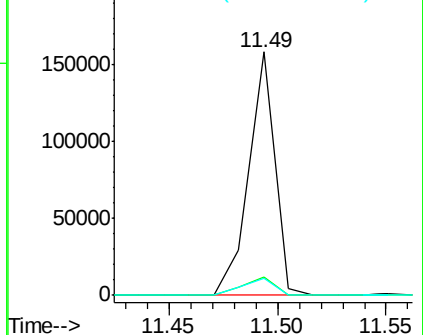
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080584.D
Acq: 23 Jul 2015 5:56

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:188 Resp: 131959
Ion Ratio Lower Upper
188 100
94 7.3 6.1 9.1
80 7.2 7.0 10.6

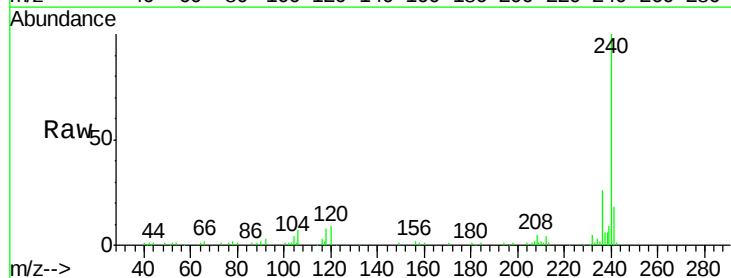


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

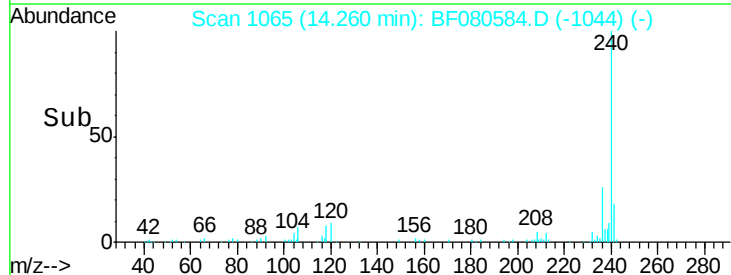
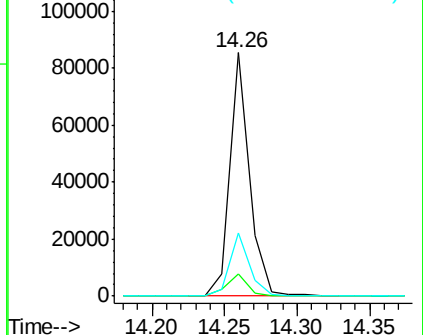


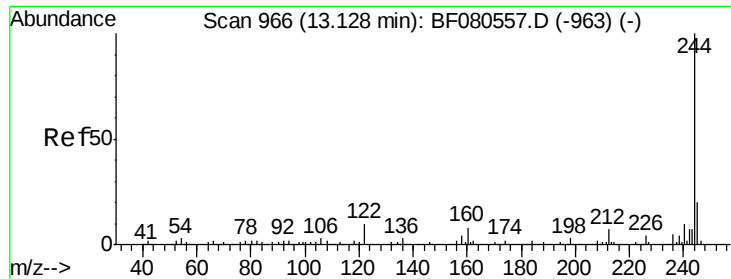
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.26 min Scan# 1065
Delta R.T. -0.06 min
Lab File: BF080584.D
Acq: 23 Jul 2015 5:56

Tgt Ion:240 Resp: 80268
Ion Ratio Lower Upper
240 100
120 9.3 9.9 14.9#
236 26.0 19.1 28.7



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

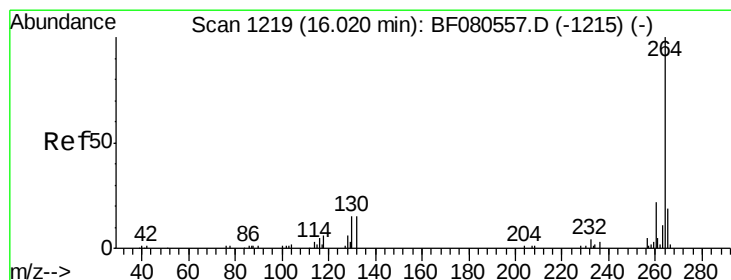
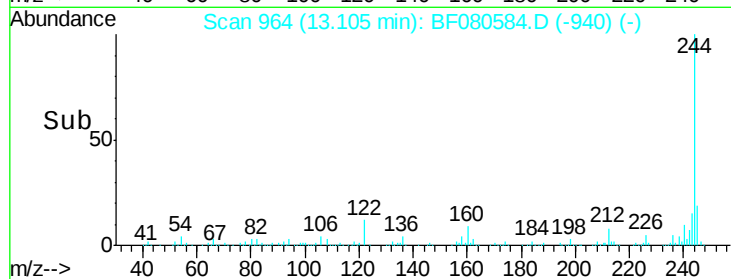
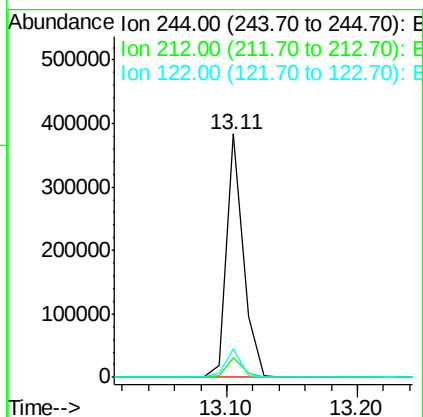
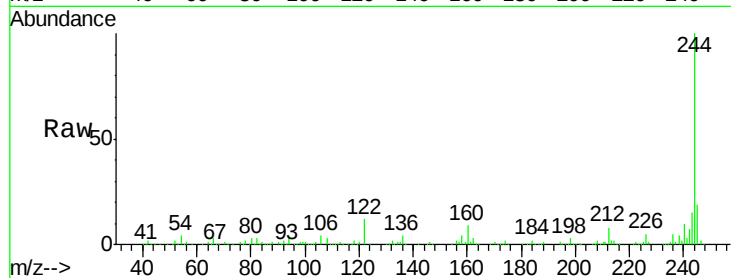




#78
 Terphenyl-d14
 Concen: 87.90 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 344046
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 11.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.91 min Scan# 1209
 Delta R.T. -0.11 min
 Lab File: BF080584.D
 Acq: 23 Jul 2015 5:56

Tgt Ion:264 Resp: 46207
 Ion Ratio Lower Upper
 264 100
 260 27.7 17.8 26.8#
 265 24.7 15.6 23.4#

