

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080585.D
 Acq On : 23 Jul 2015 6:24
 Operator : TP/UM
 Sample : G3045-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Jul 23 07:01:25 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	43504	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	160133	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	71171	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	120674	20.00	ng	0.00
75) Chrysene-d12	14.35	240	84602	20.00	ng	0.03
86) Perylene-d12	16.09	264	53830	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	102664	41.85	ng	0.00
7) Phenol-d6	6.56	99	71772	23.76	ng	-0.01
23) Nitrobenzene-d5	7.52	82	205571	82.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	56760	107.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	370366	74.83	ng	0.00
78) Terphenyl-d14	13.15	244	330684	80.15	ng	0.02

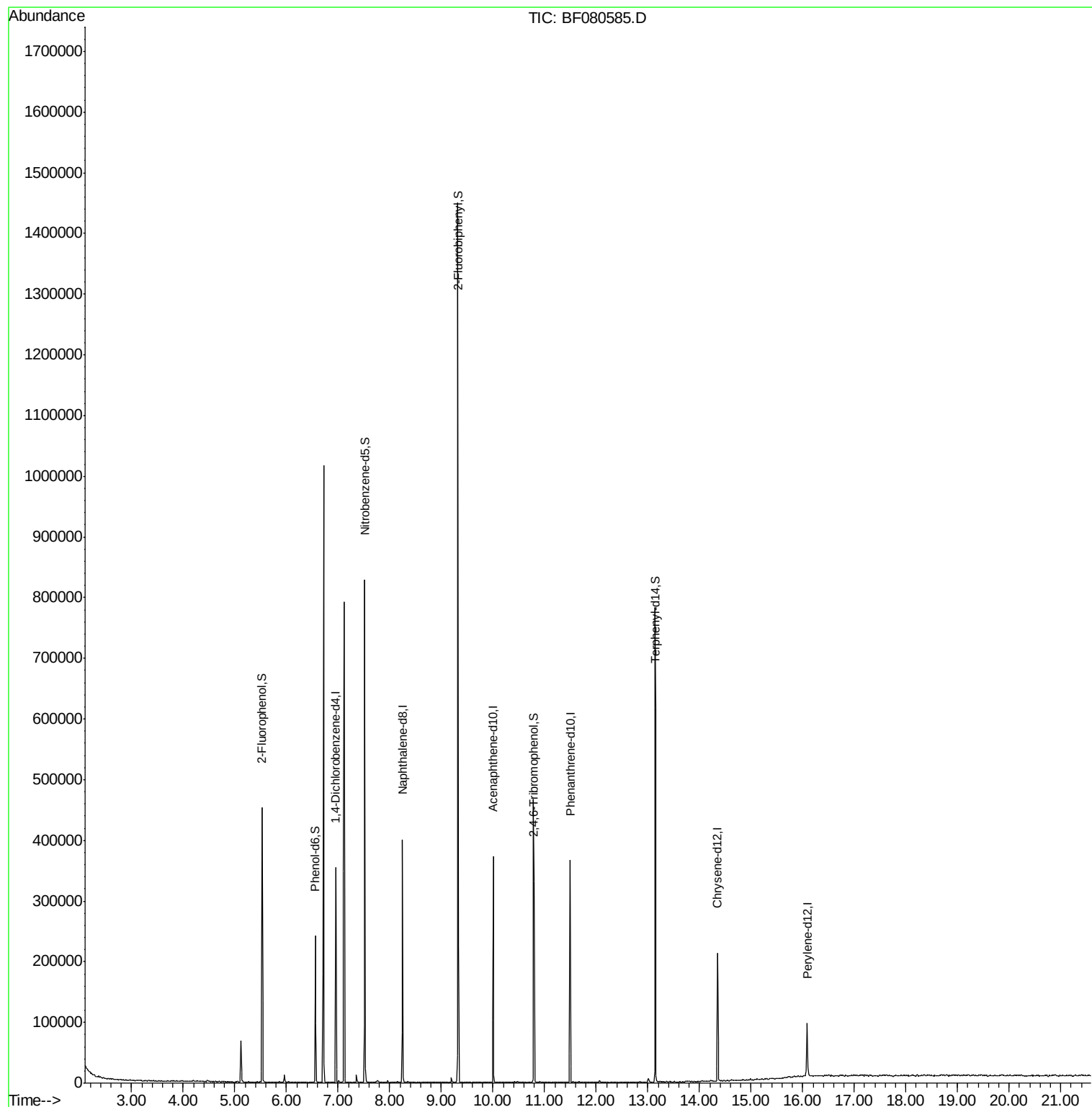
Target Compounds	Qvalue
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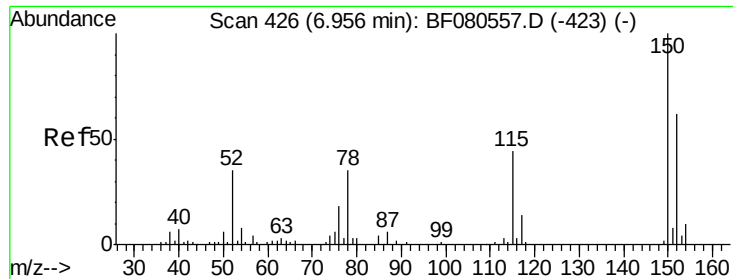
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

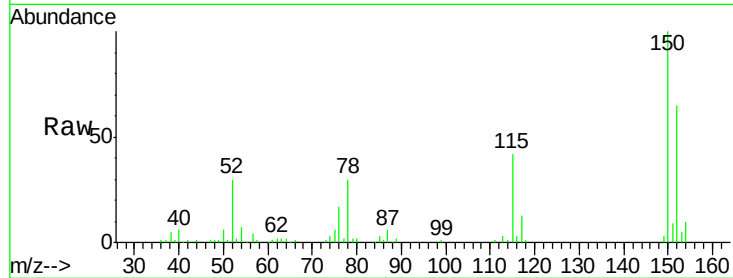
Tgt Ion:152 Resp: 43504

Ion Ratio Lower Upper

152 100

150 154.2 128.7 193.1

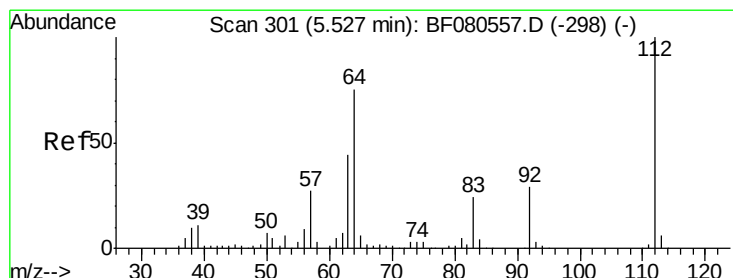
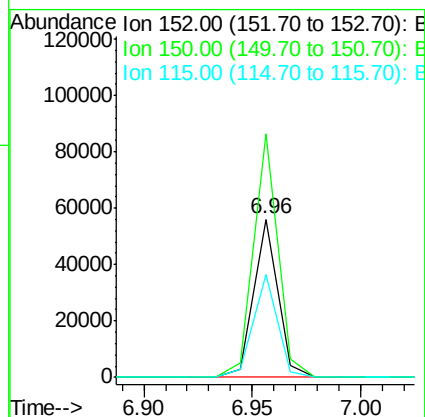
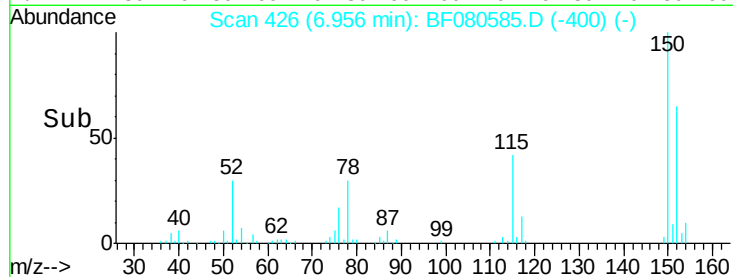
115 65.4 56.8 85.2



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: 41.85 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

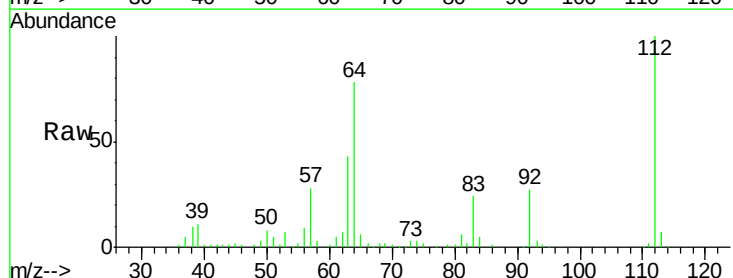
Tgt Ion:112 Resp: 102664

Ion Ratio Lower Upper

112 100

64 77.7 60.2 90.2

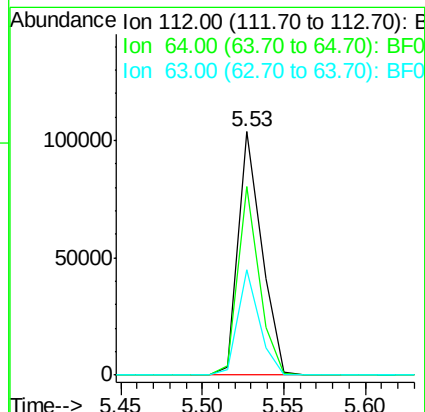
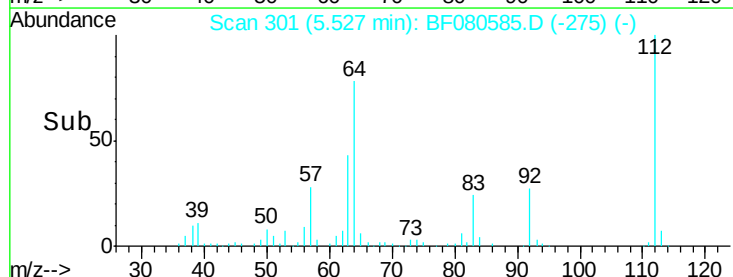
63 43.3 34.8 52.2

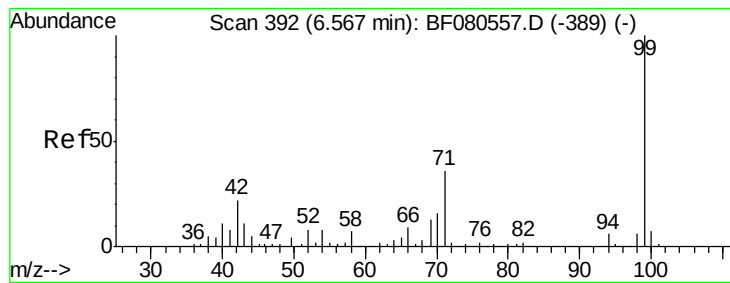


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.76 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

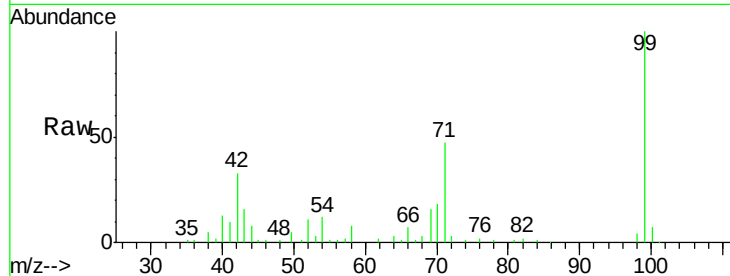
Tgt Ion: 99 Resp: 71772

Ion Ratio Lower Upper

99 100

42 32.9 17.4 26.2#

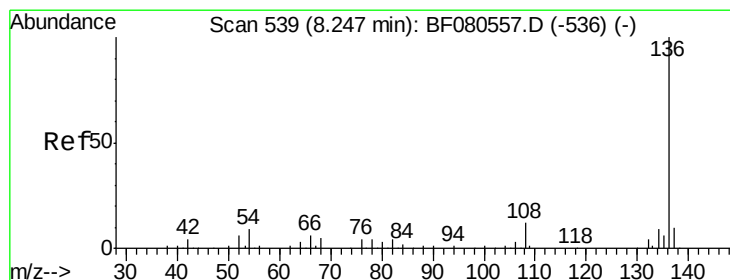
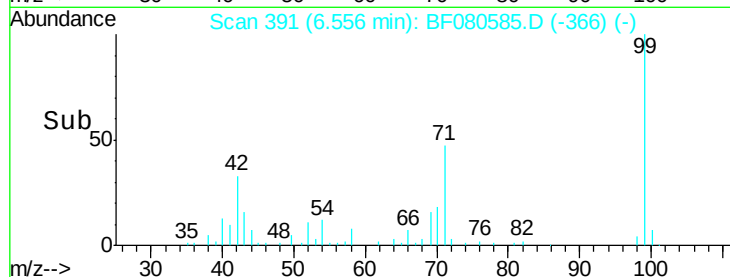
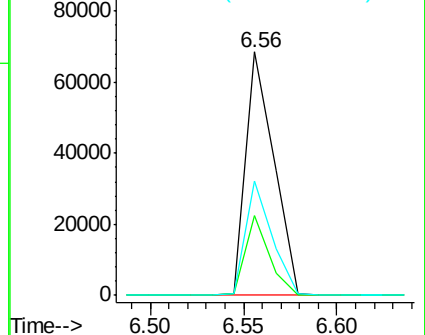
71 46.8 29.0 43.6#



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: BF080585.D

Acq: 23 Jul 2015 6:24

Tgt Ion: 136 Resp: 160133

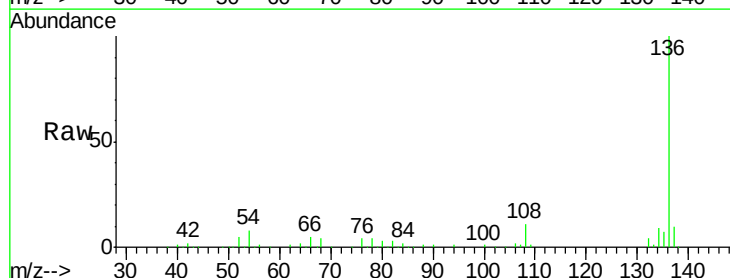
Ion Ratio Lower Upper

136 100

137 10.5 7.8 11.8

54 8.0 7.2 10.8

68 4.1 3.8 5.6

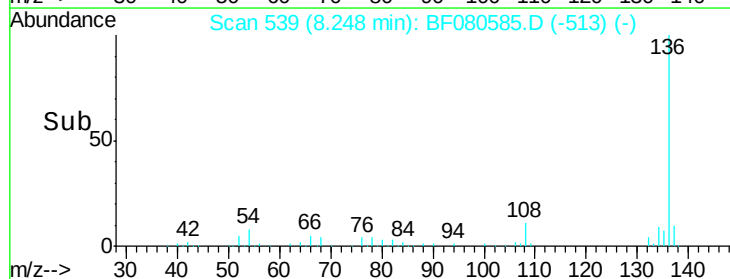
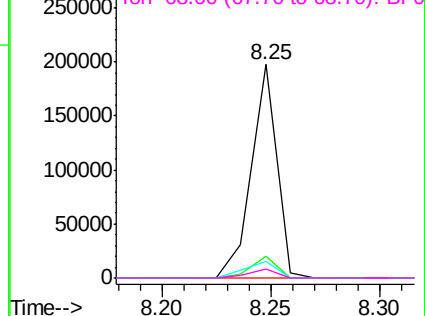


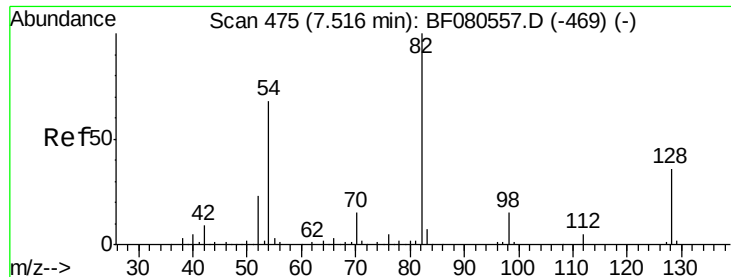
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.69 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF080585.D

Acq: 23 Jul 2015 6:24

Instrument :

BNA_F

ClientSampleId :

RINSATE-BLANK

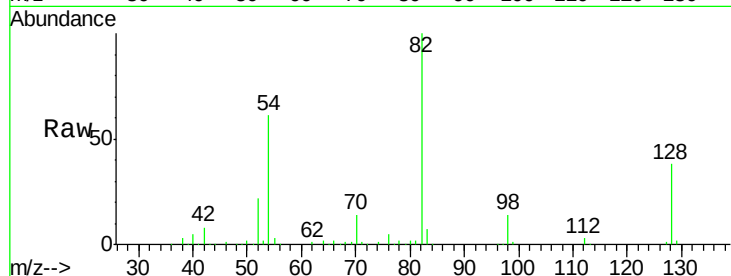
Tgt Ion: 82 Resp: 205571

Ion Ratio Lower Upper

82 100

128 38.3 28.9 43.3

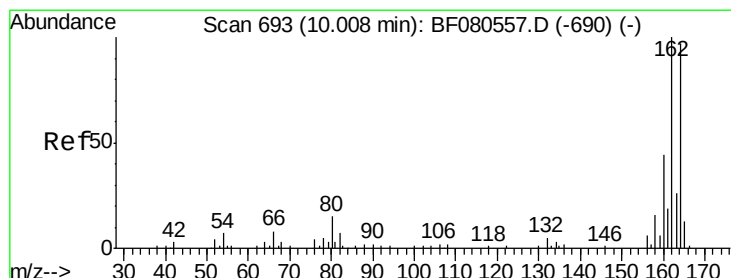
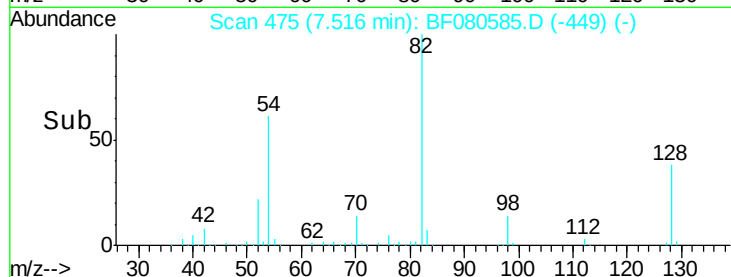
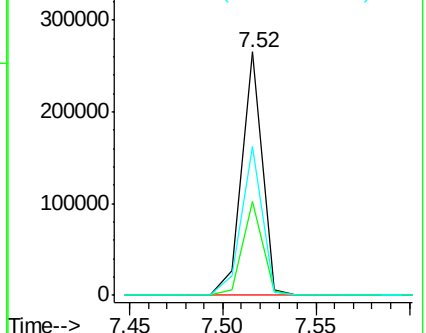
54 61.4 54.5 81.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF080585.D

Acq: 23 Jul 2015 6:24

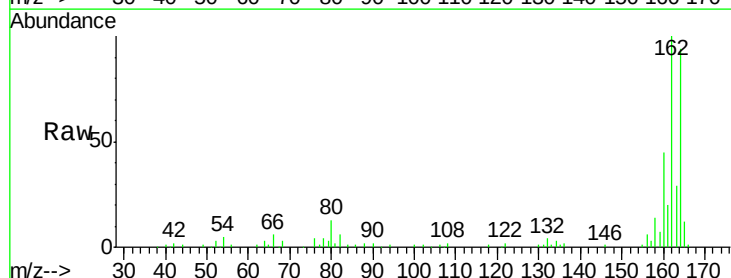
Tgt Ion: 164 Resp: 71171

Ion Ratio Lower Upper

164 100

162 106.6 82.2 123.4

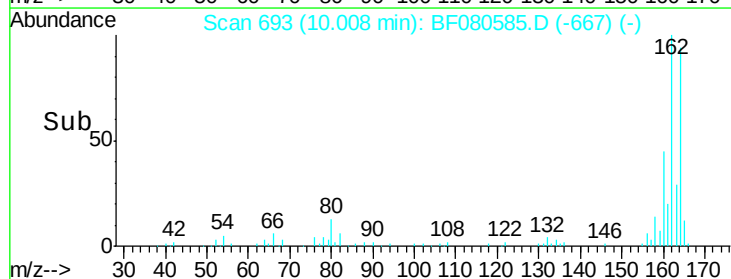
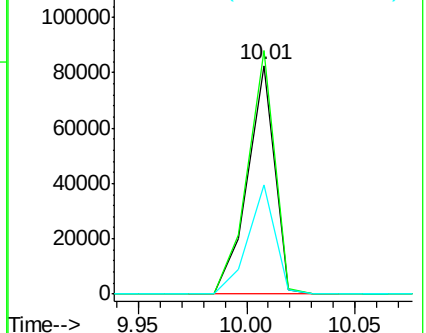
160 47.6 36.1 54.1

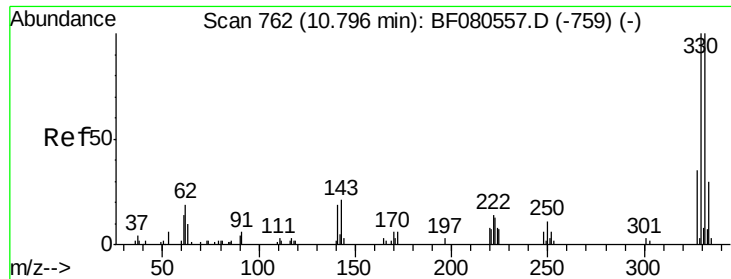


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

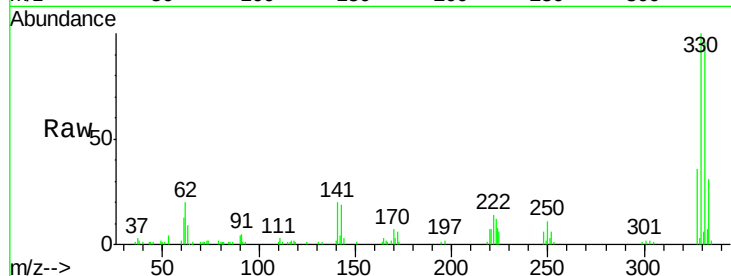




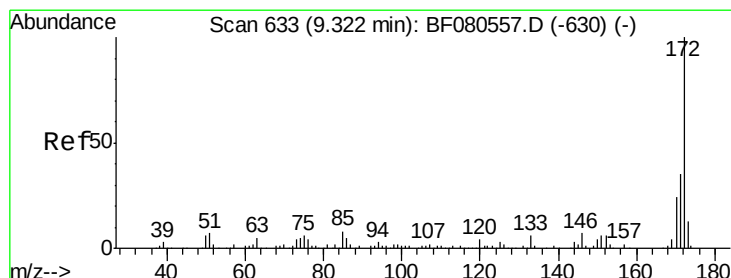
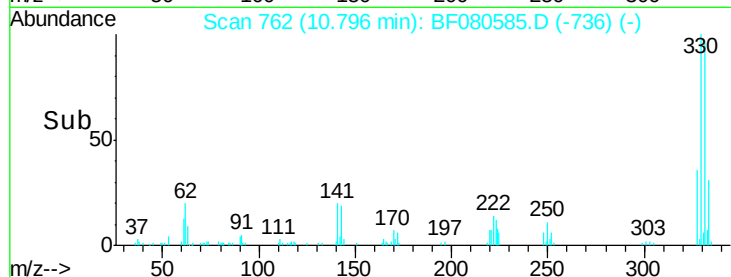
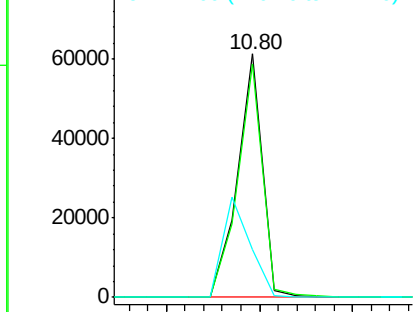
#41
 2,4,6-Tribromophenol
 Concen: 107.99 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion:330 Resp: 56760
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.3 117.5
 141 45.6 37.9 56.9

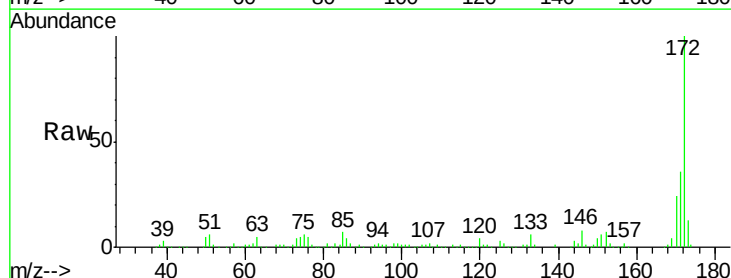


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

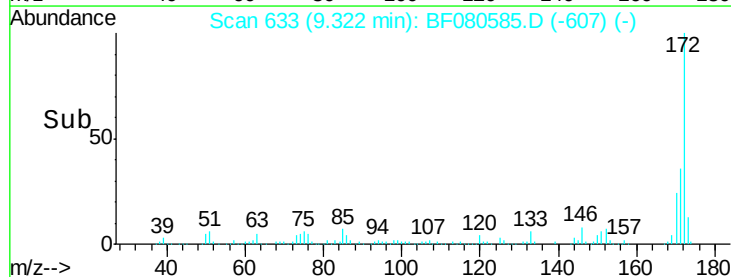
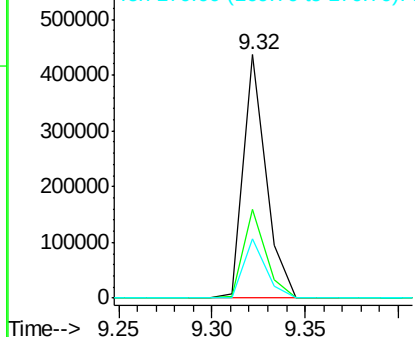


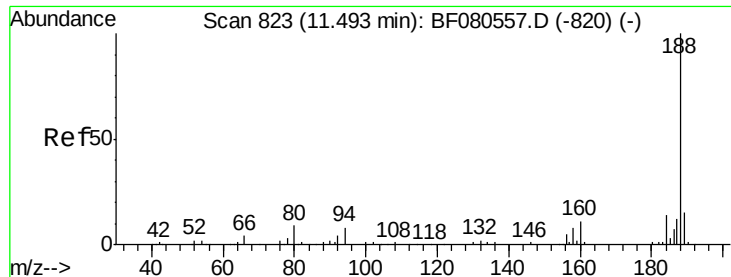
#44
 2-Fluorobiphenyl
 Concen: 74.83 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Tgt Ion:172 Resp: 370366
 Ion Ratio Lower Upper
 172 100
 171 36.5 27.7 41.5
 170 24.5 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

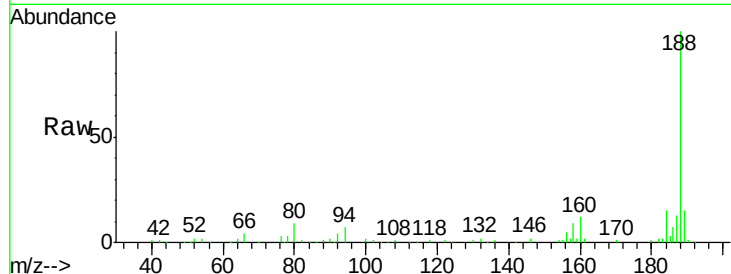




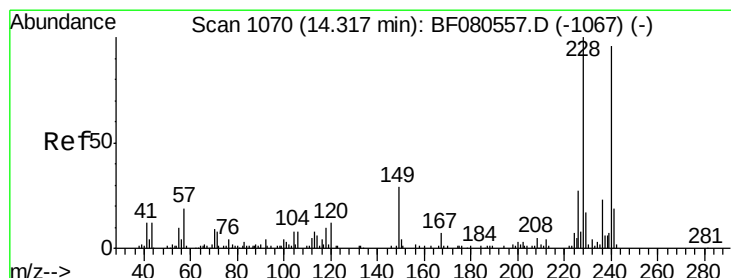
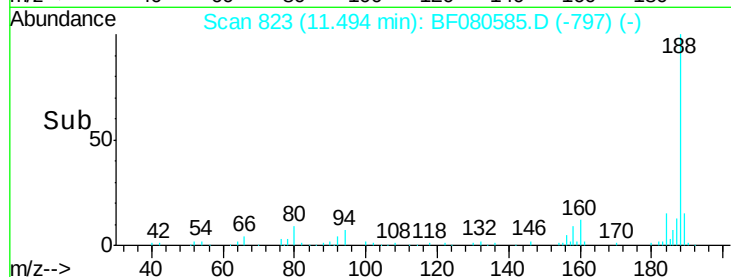
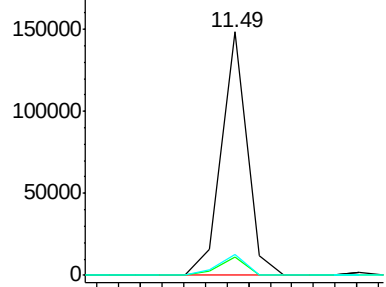
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Instrument :
BNA_F
ClientSampleId :
RINSATE-BLANK

Tgt Ion:188 Resp: 120674
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 8.8 7.0 10.6

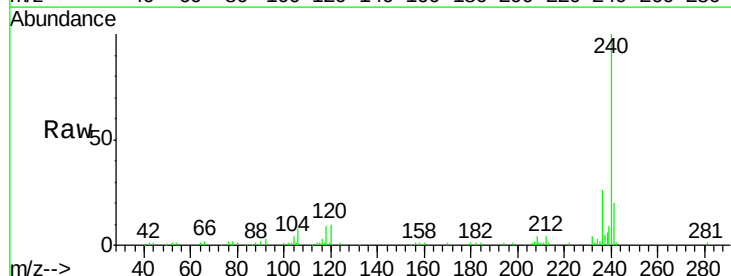


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

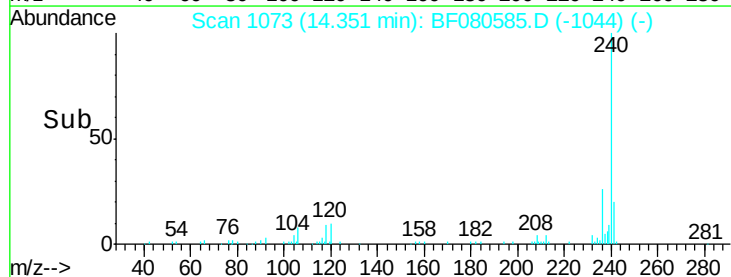
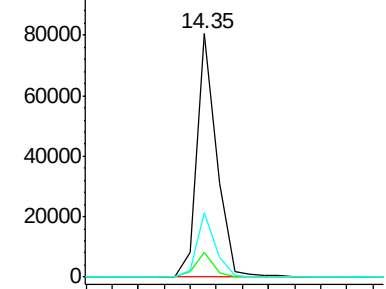


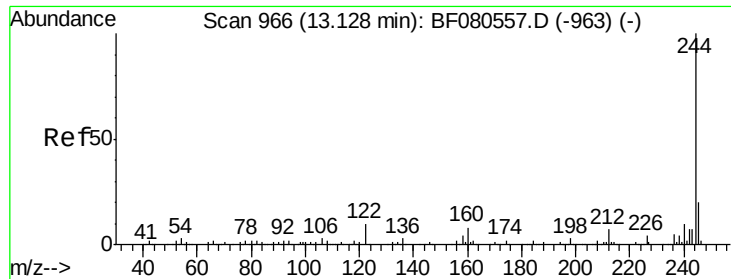
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.35 min Scan# 1073
Delta R.T. 0.03 min
Lab File: BF080585.D
Acq: 23 Jul 2015 6:24

Tgt Ion:240 Resp: 84602
Ion Ratio Lower Upper
240 100
120 10.2 9.9 14.9
236 26.3 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

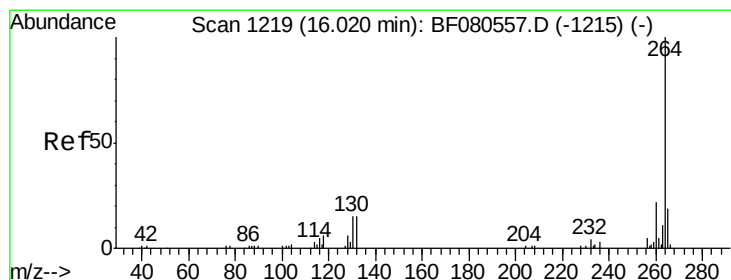
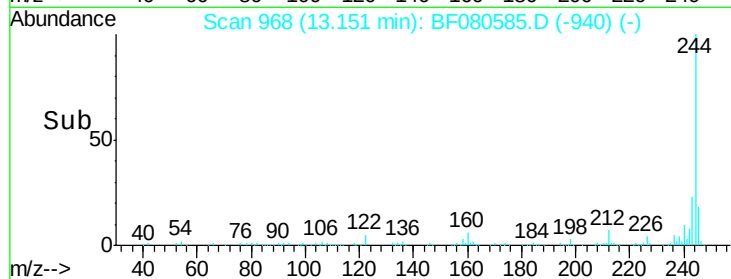
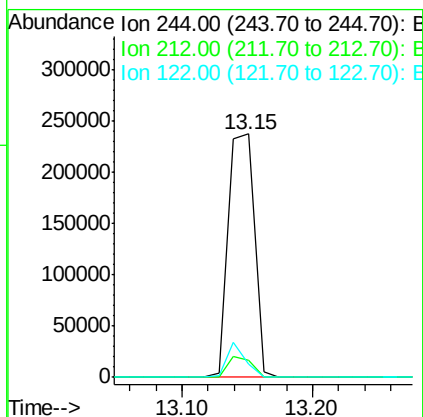
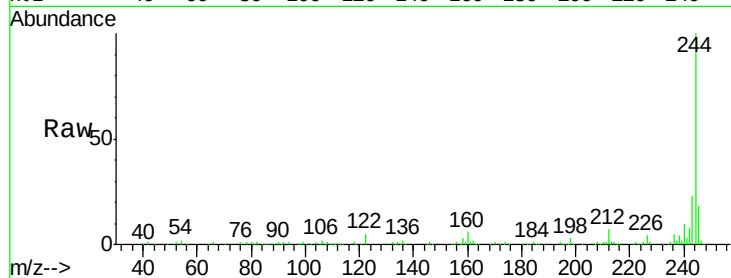




#78
 Terphenyl-d14
 Concen: 80.15 ng
 RT: 13.15 min Scan# 968
 Delta R.T. 0.02 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	5.5	8.2	12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 1225
 Delta R.T. 0.07 min
 Lab File: BF080585.D
 Acq: 23 Jul 2015 6:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.8	26.8
265	20.9	15.6	23.4

