

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080586.D
 Acq On : 23 Jul 2015 6:53
 Operator : TP/UM
 Sample : G3045-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jul 23 07:31:04 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	41530	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	149695	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	64018	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	112347	20.00	ng	0.00
75) Chrysene-d12	14.39	240	64705	20.00	ng	0.07
86) Perylene-d12	16.15	264	41085	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	112817	48.17	ng	0.00
7) Phenol-d6	6.56	99	79261	27.48	ng	-0.01
23) Nitrobenzene-d5	7.52	82	202058	86.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	54748	115.27	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	353134	79.32	ng	0.00
78) Terphenyl-d14	13.16	244	272146	86.25	ng	0.03

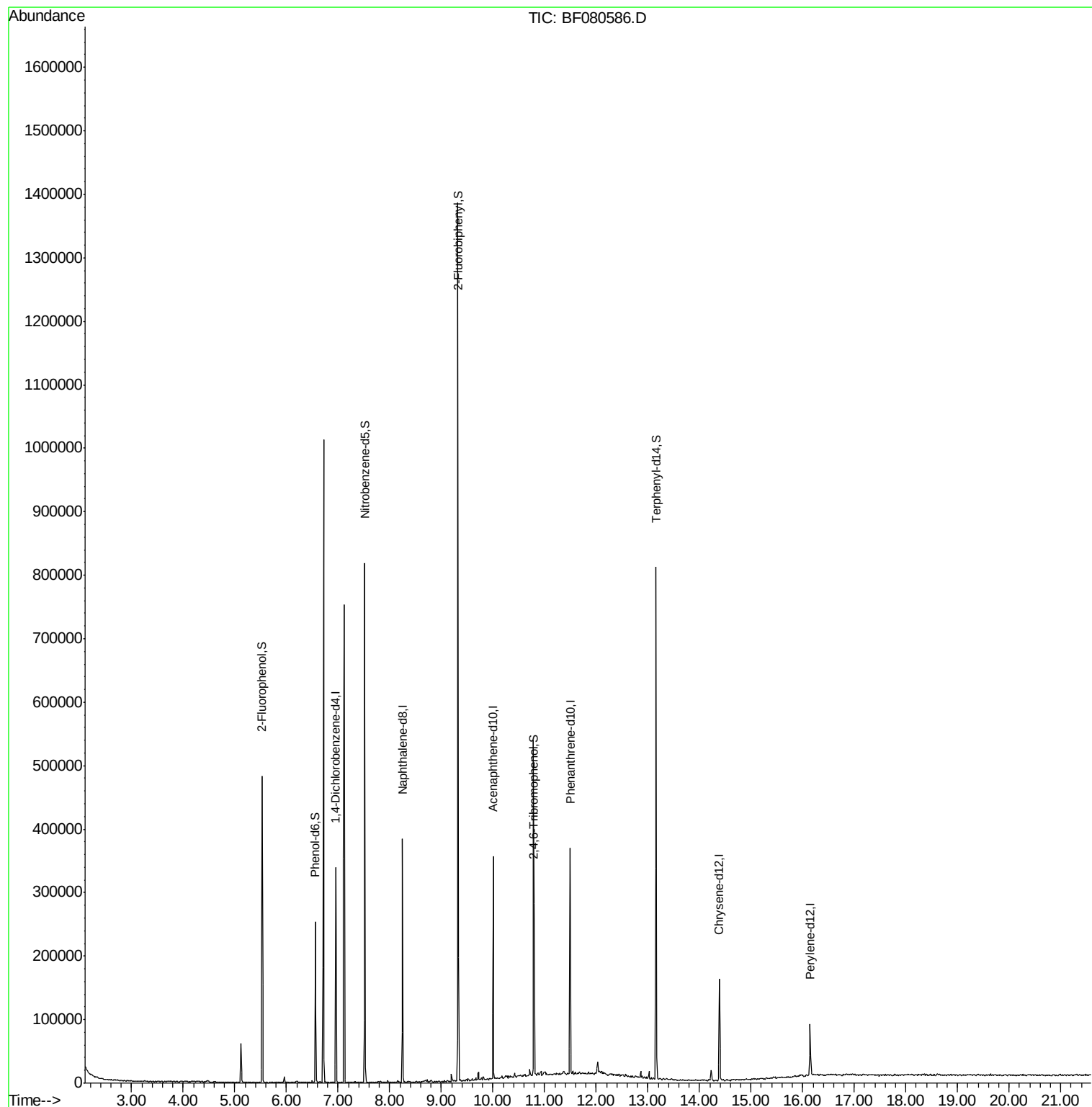
Target Compounds	Qvalue
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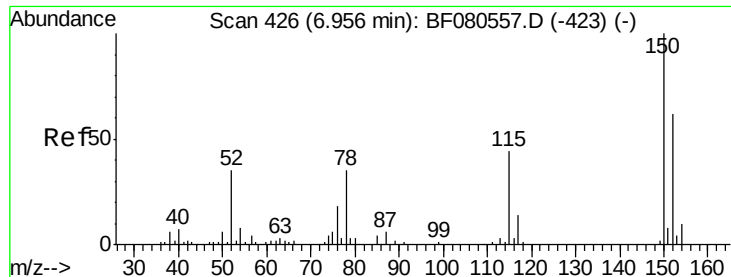
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampled :

MW-4

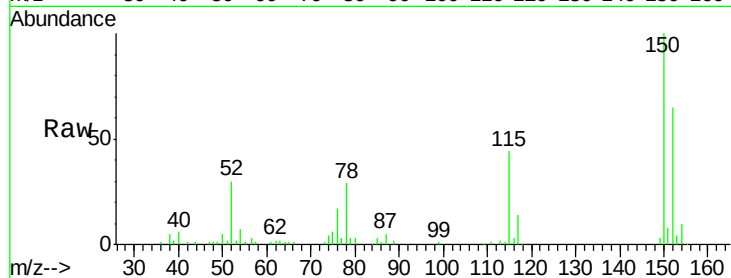
Tgt Ion:152 Resp: 41530

Ion Ratio Lower Upper

152 100

150 153.7 128.7 193.1

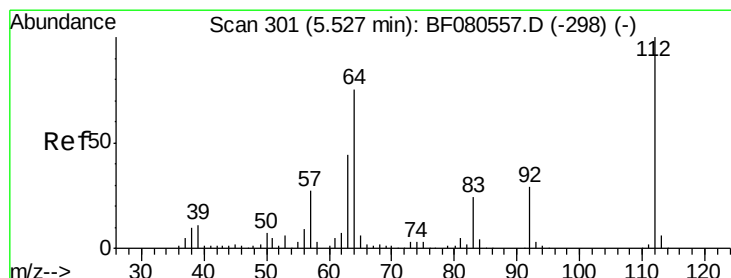
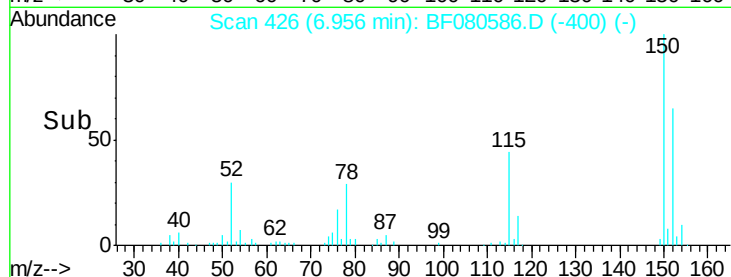
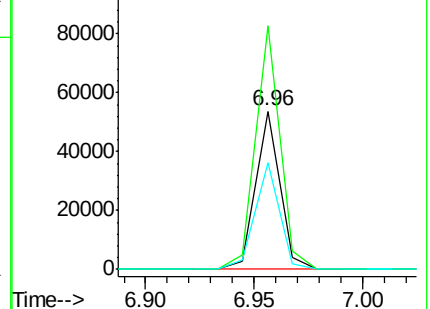
115 67.6 56.8 85.2



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: 48.17 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

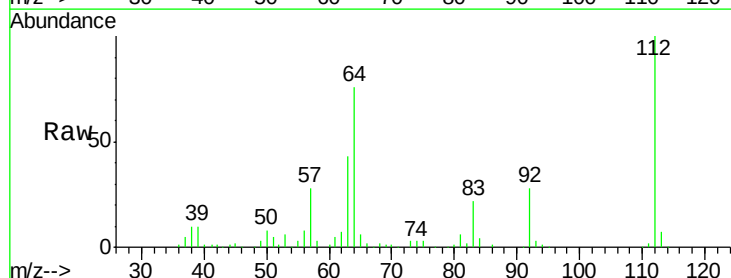
Tgt Ion:112 Resp: 112817

Ion Ratio Lower Upper

112 100

64 76.5 60.2 90.2

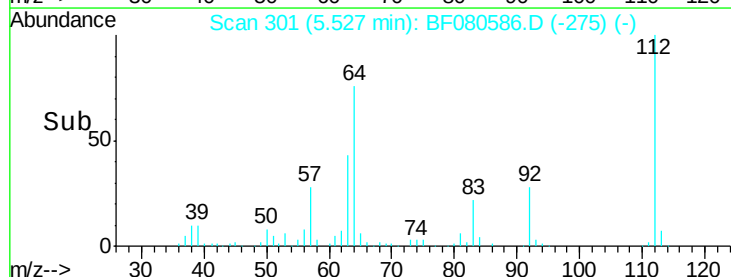
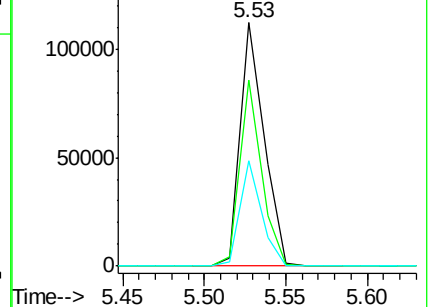
63 43.2 34.8 52.2

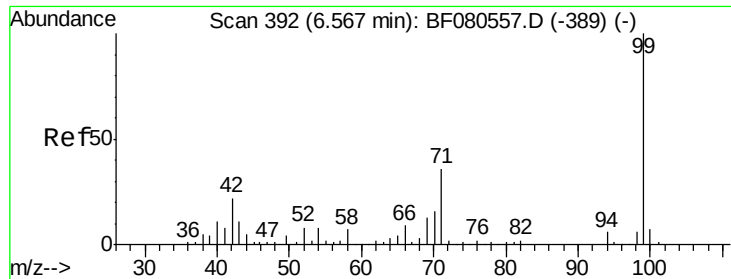


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.48 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampled :

MW-4

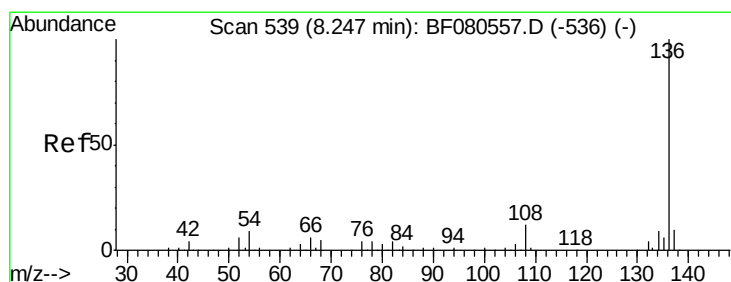
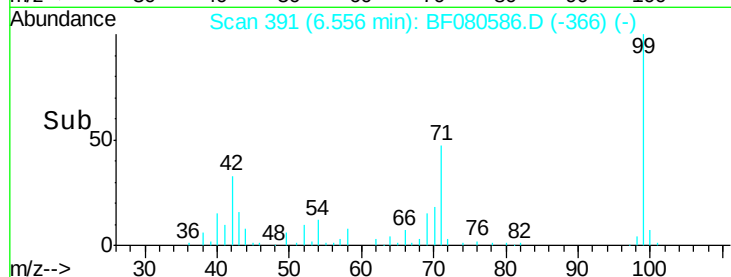
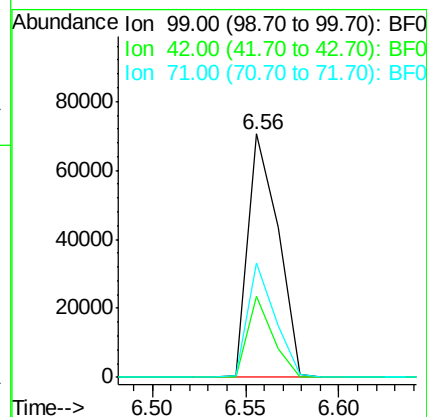
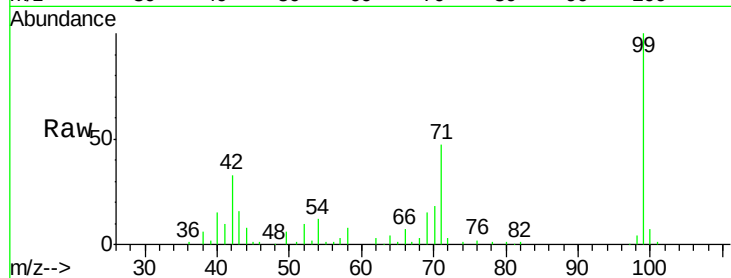
Tgt Ion: 99 Resp: 79261

Ion Ratio Lower Upper

99 100

42 33.5 17.4 26.2#

71 47.1 29.0 43.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Tgt Ion: 136 Resp: 149695

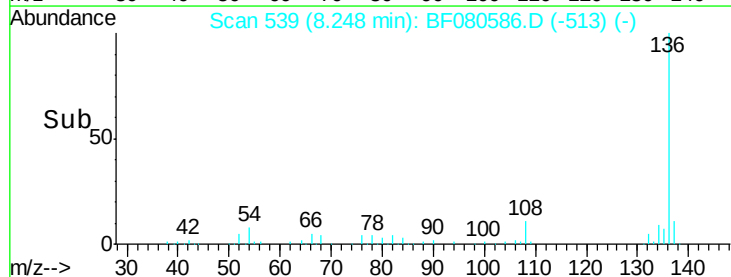
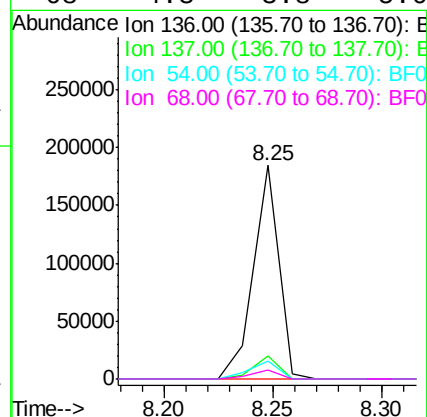
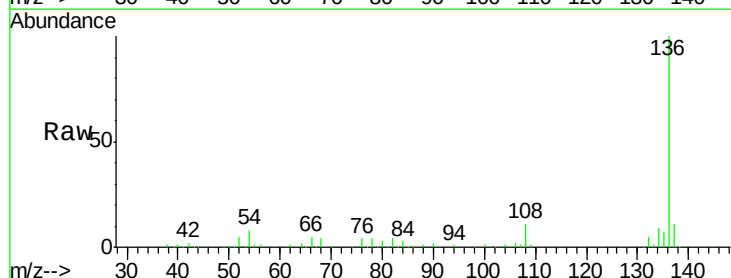
Ion Ratio Lower Upper

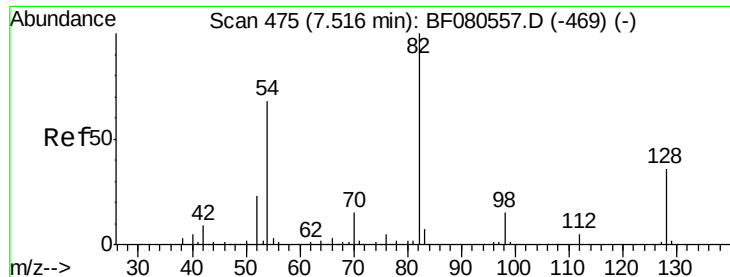
136 100

137 10.8 7.8 11.8

54 8.4 7.2 10.8

68 4.3 3.8 5.6





#23

Nitrobenzene-d5

Concen: 86.94 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-4

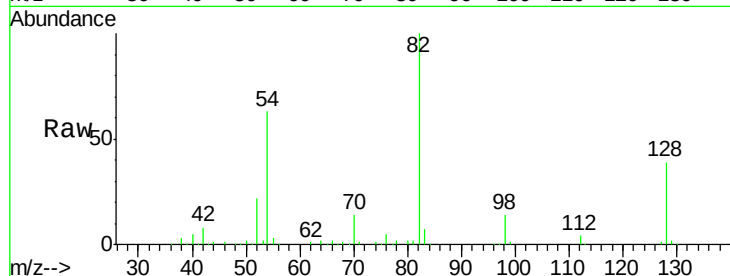
Tgt Ion: 82 Resp: 202058

Ion Ratio Lower Upper

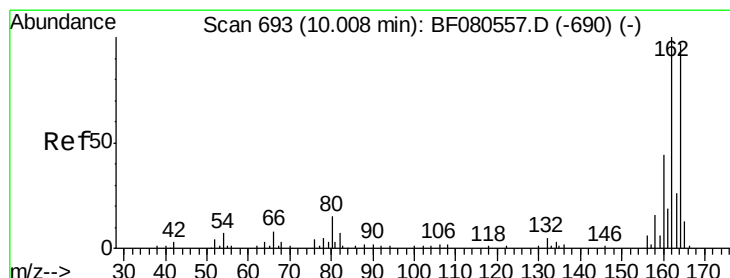
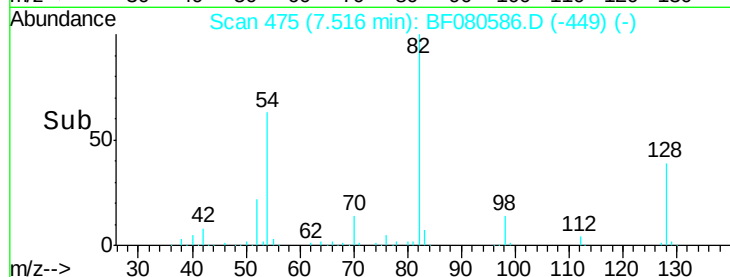
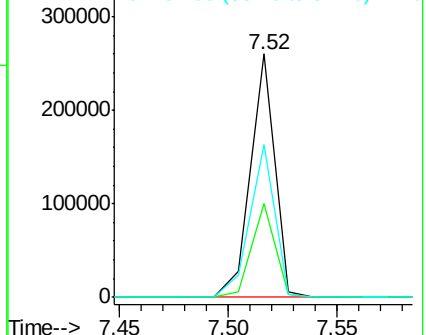
82 100

128 38.6 28.9 43.3

54 62.8 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: BF080586.D

Acq: 23 Jul 2015 6:53

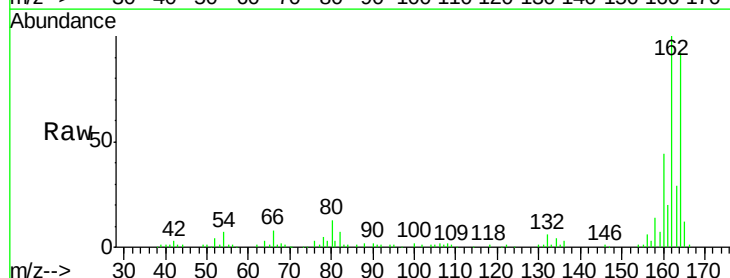
Tgt Ion: 164 Resp: 64018

Ion Ratio Lower Upper

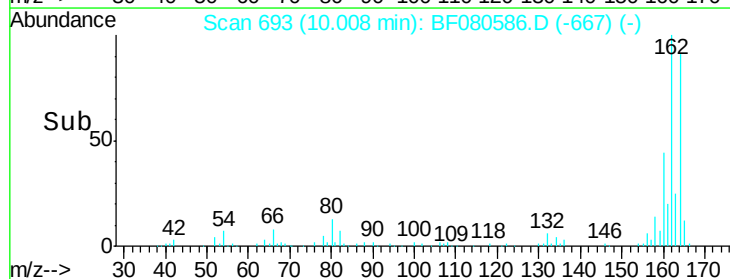
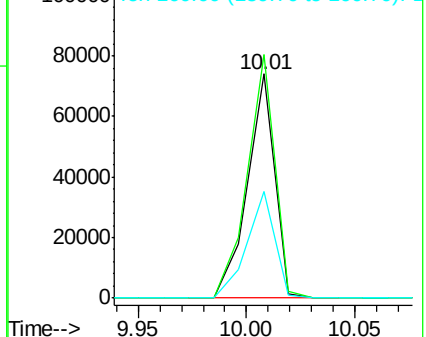
164 100

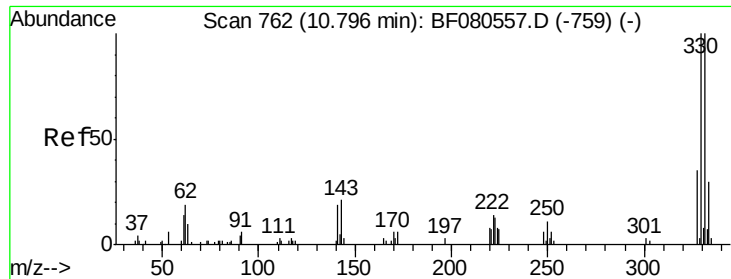
162 108.7 82.2 123.4

160 47.4 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

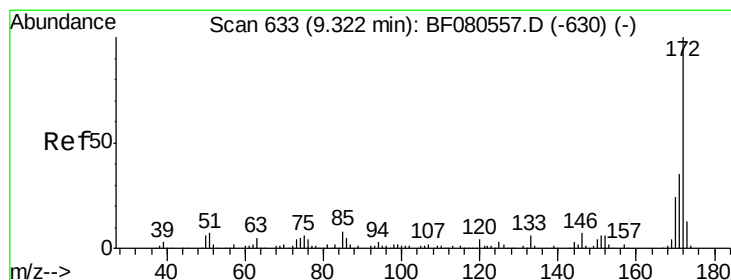
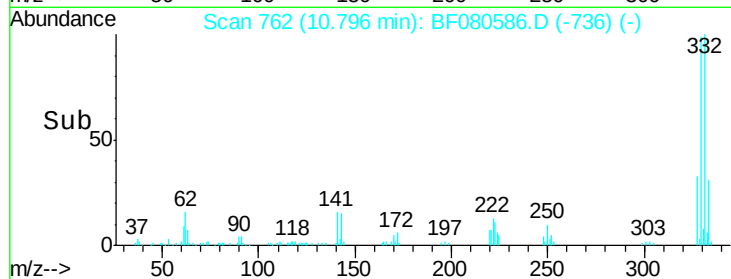
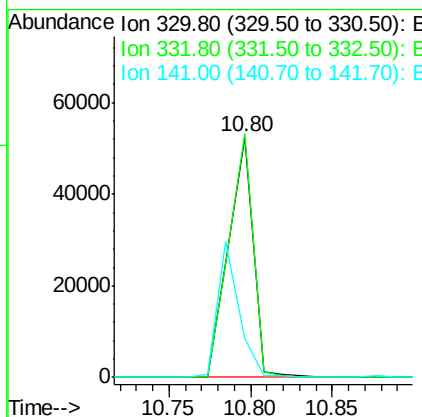
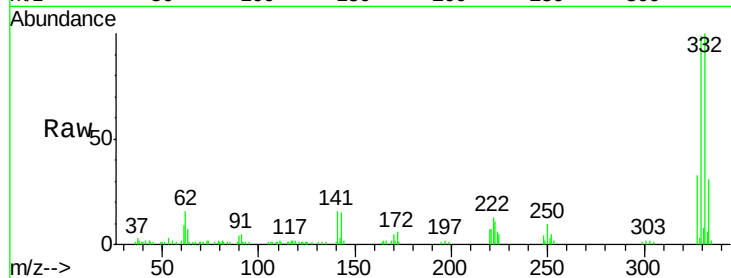




#41
 2,4,6-Tribromophenol
 Concen: 115.27 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

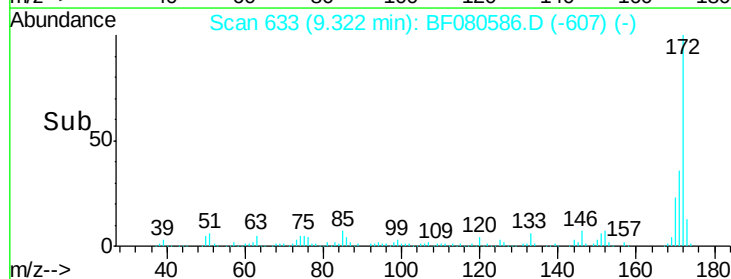
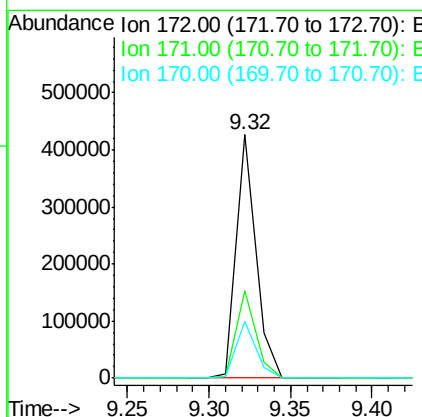
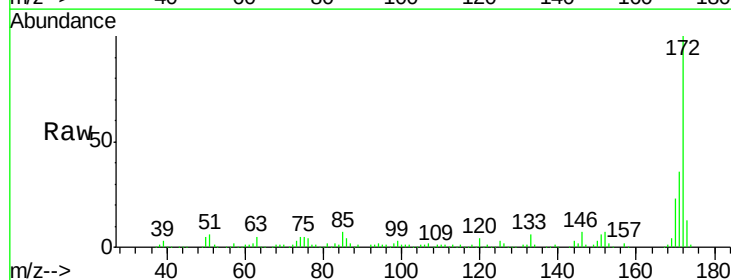
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

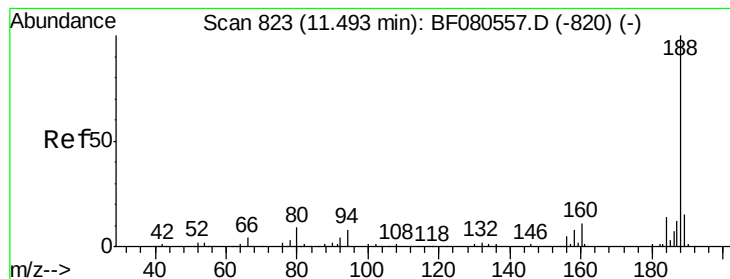
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.6	78.3	117.5
141	49.5	37.9	56.9



#44
 2-Fluorobiphenyl
 Concen: 79.32 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.7	41.5
170	23.4	19.1	28.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

Instrument :

BNA_F

ClientSampleId :

MW-4

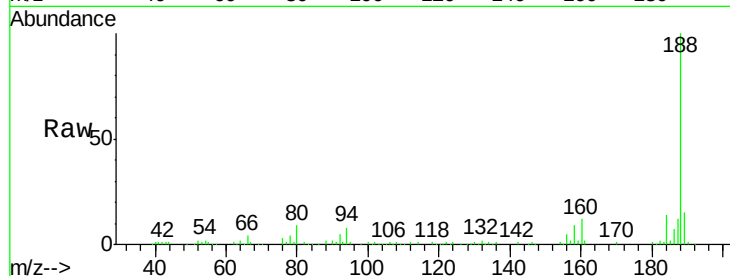
Tgt Ion:188 Resp: 112347

Ion Ratio Lower Upper

188 100

94 7.7 6.1 9.1

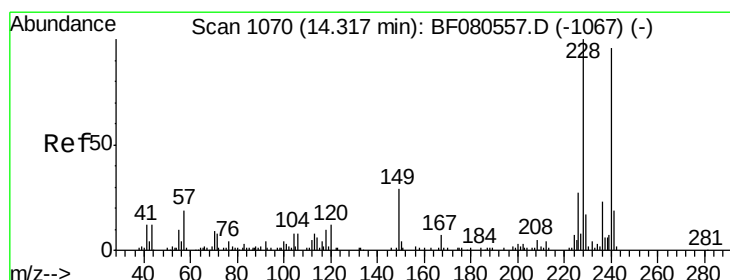
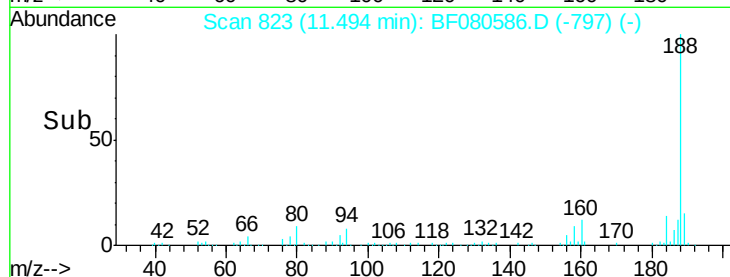
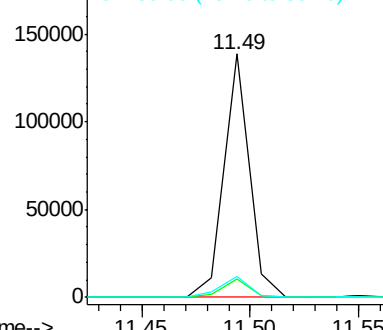
80 8.8 7.0 10.6



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: 14.39 min Scan# 1076

Delta R.T. 0.07 min

Lab File: BF080586.D

Acq: 23 Jul 2015 6:53

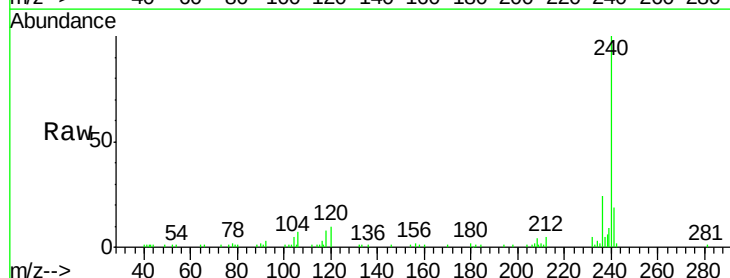
Tgt Ion:240 Resp: 64705

Ion Ratio Lower Upper

240 100

120 9.6 9.9 14.9#

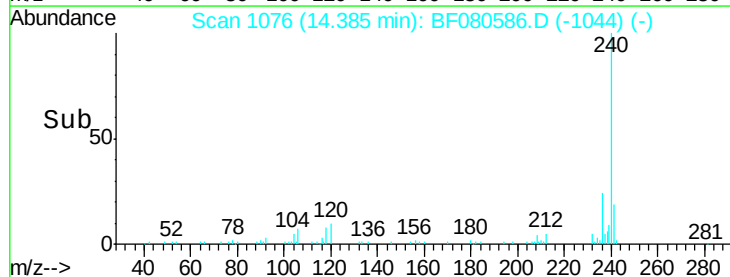
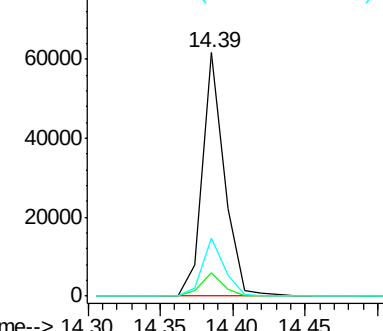
236 23.8 19.1 28.7

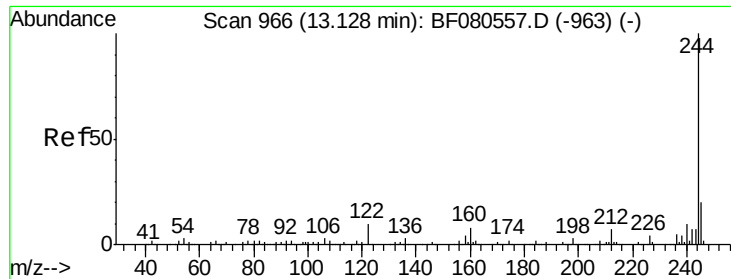


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

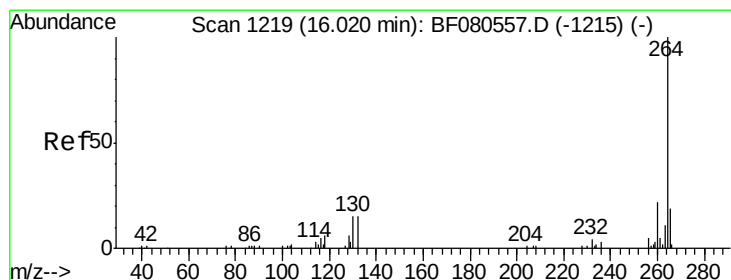
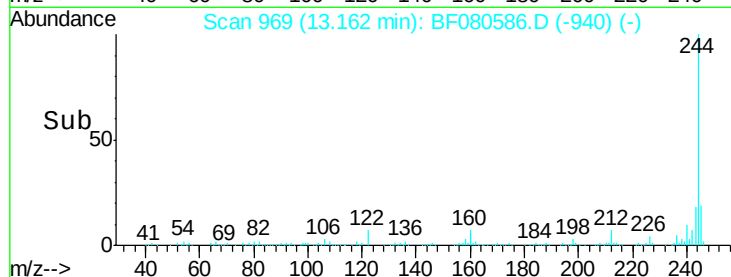
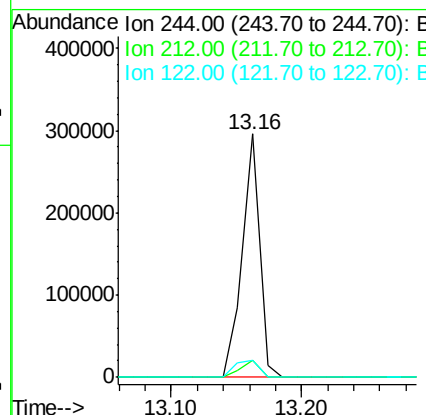
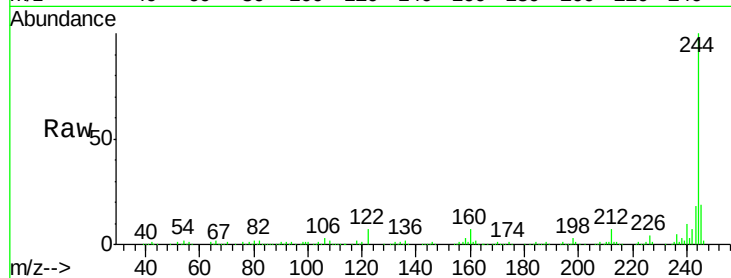




#78
 Terphenyl-d14
 Concen: 86.25 ng
 RT: 13.16 min Scan# 969
 Delta R.T. 0.03 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	7.1	8.2	12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.15 min Scan# 1230
 Delta R.T. 0.13 min
 Lab File: BF080586.D
 Acq: 23 Jul 2015 6:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.8	26.8
265	21.8	15.6	23.4

