

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080598.D
 Acq On : 23 Jul 2015 18:16
 Operator : TP/UM
 Sample : PB84631BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BL

Quant Time: Jul 24 00:46:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 19:10:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	39361	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	148763	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	64280	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	120674	20.00	ng	0.00
75) Chrysene-d12	14.21	240	98544	20.00	ng	-0.09
86) Perylene-d12	15.83	264	73905	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	171732	75.36	ng	0.01
7) Phenol-d6	6.56	99	219003	78.61	ng	0.00
23) Nitrobenzene-d5	7.50	82	207955	79.21	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	38152	74.90	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	384629	86.82	ng	0.00
78) Terphenyl-d14	13.08	244	355423	75.47	ng	-0.03

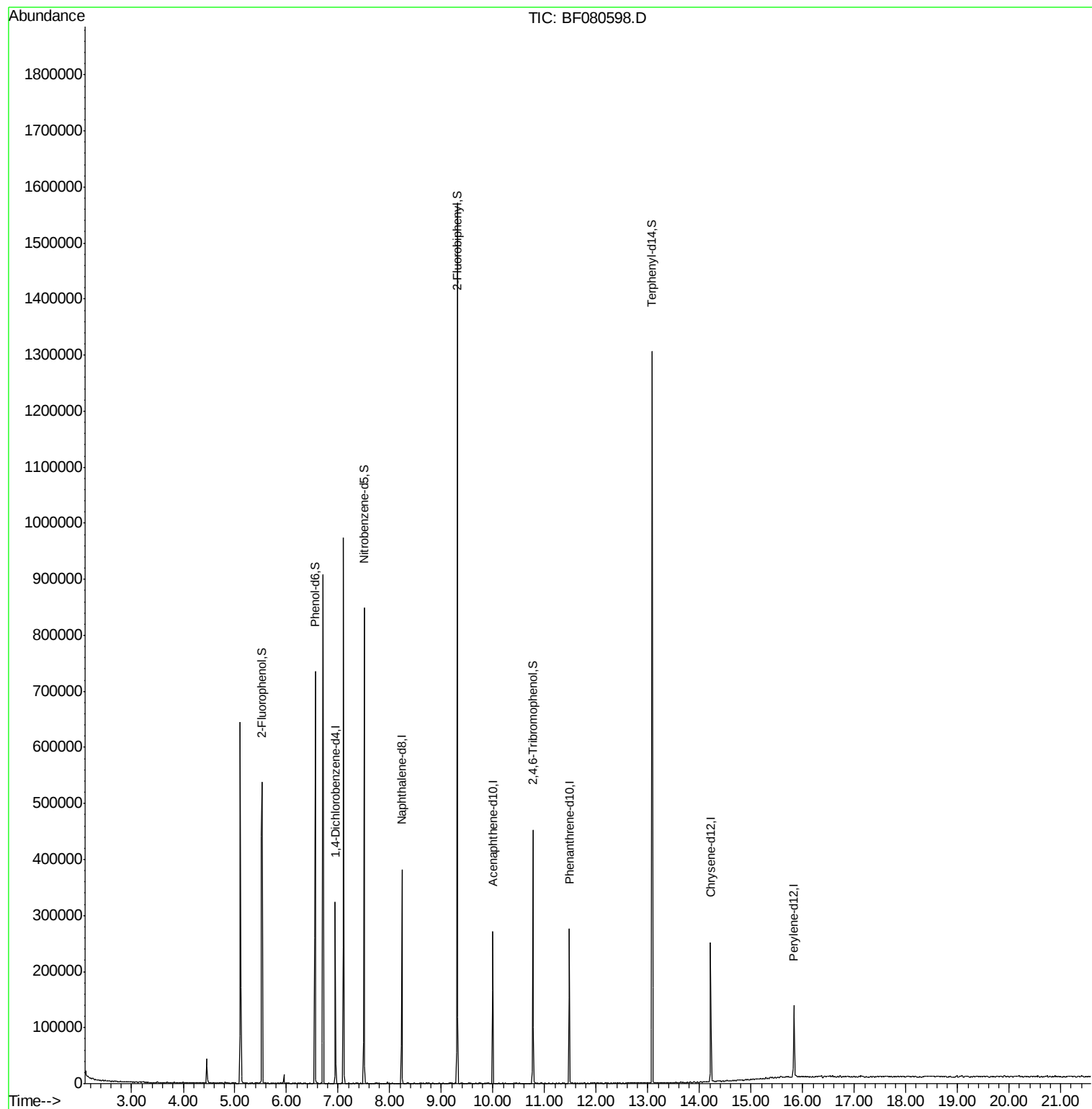
Target Compounds	Qvalue
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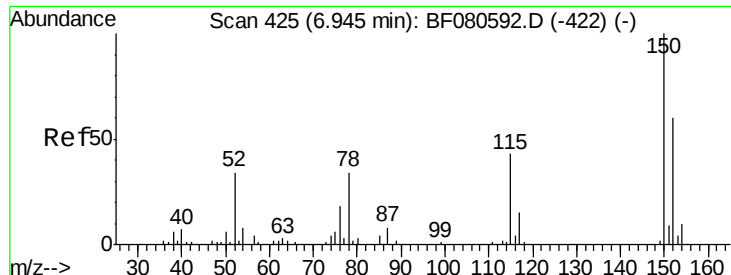
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA_F

ClientSampleId :

PB84631BL

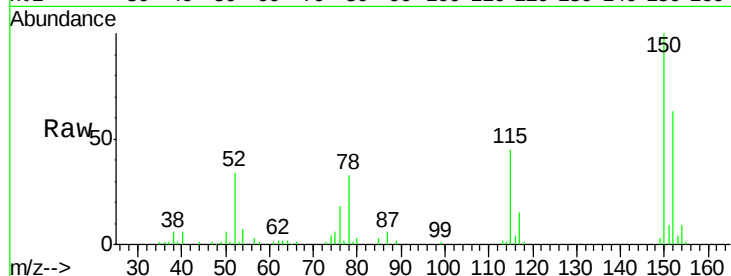
Tgt Ion:152 Resp: 39361

Ion Ratio Lower Upper

152 100

150 159.0 128.7 193.1

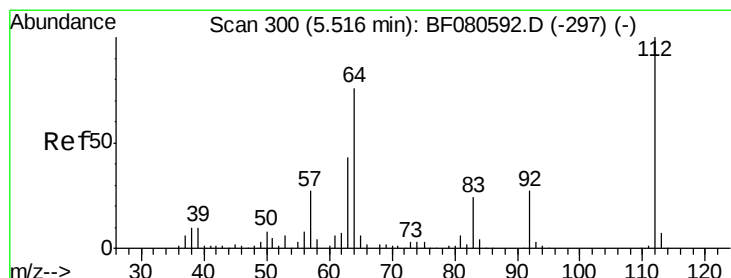
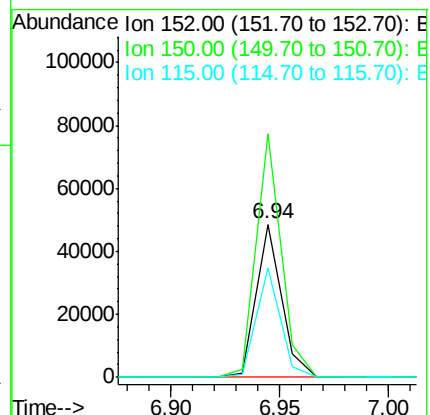
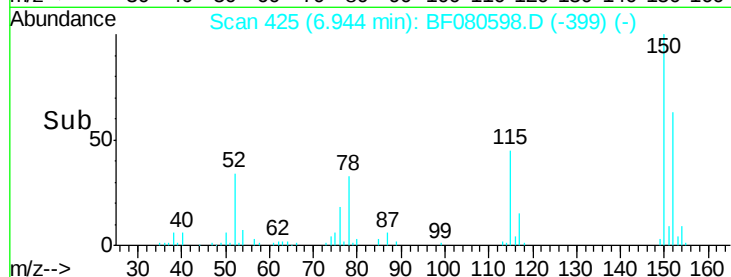
115 71.0 56.8 85.2



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: 75.36 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

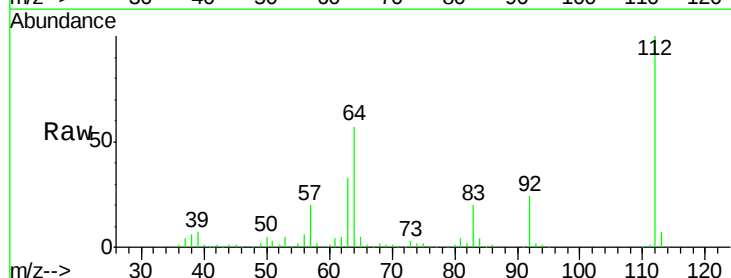
Tgt Ion:112 Resp: 171732

Ion Ratio Lower Upper

112 100

64 56.8 60.2 90.2#

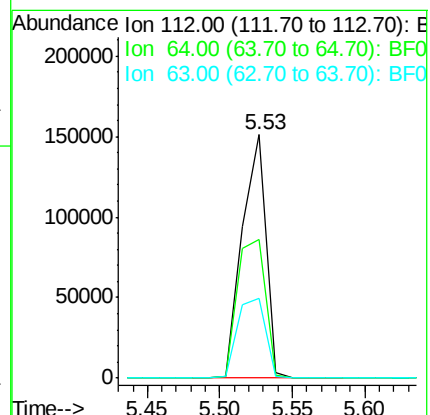
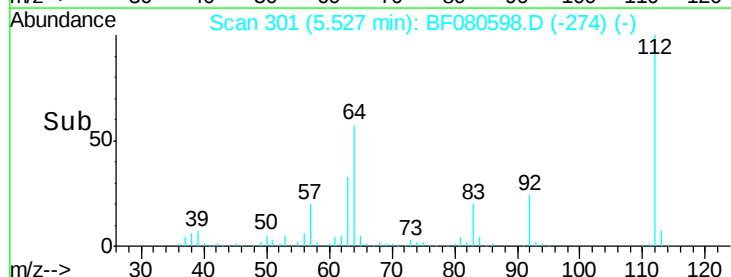
63 32.6 34.8 52.2#

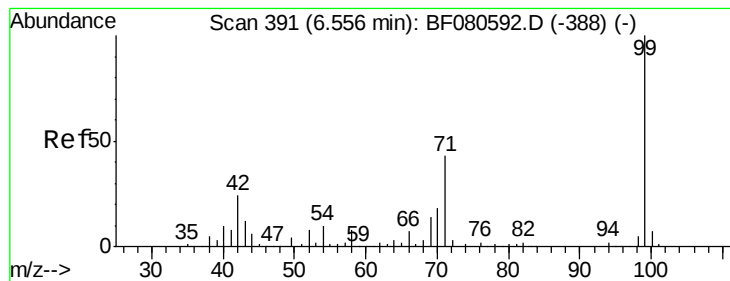


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.61 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA_F

ClientSampleId :

PB84631BL

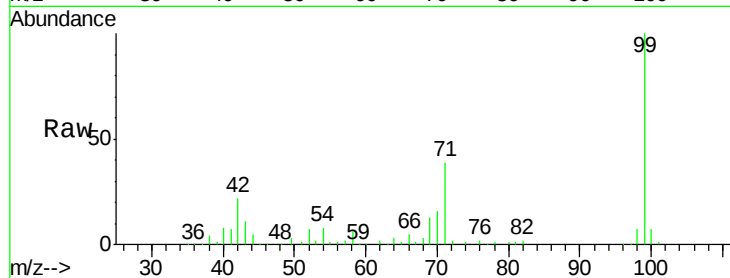
Tgt Ion: 99 Resp: 219003

Ion Ratio Lower Upper

99 100

42 21.6 17.4 26.2

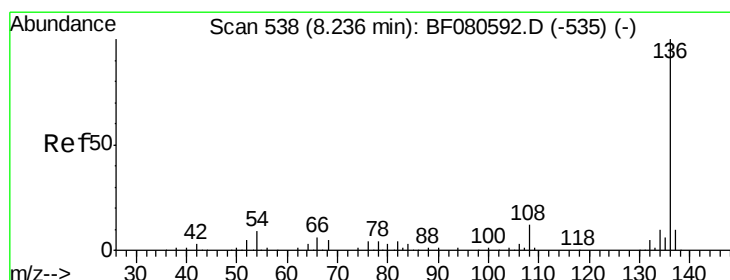
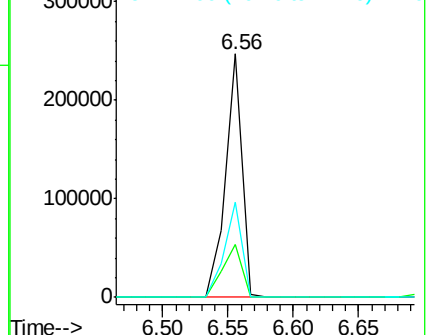
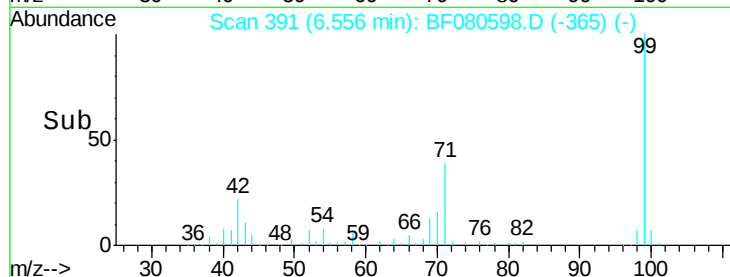
71 38.9 29.0 43.6



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: 8.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Tgt Ion: 136 Resp: 148763

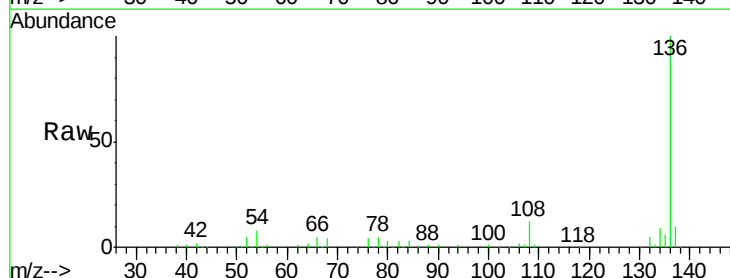
Ion Ratio Lower Upper

136 100

137 10.4 7.8 11.8

54 8.1 7.2 10.8

68 4.0 3.8 5.6

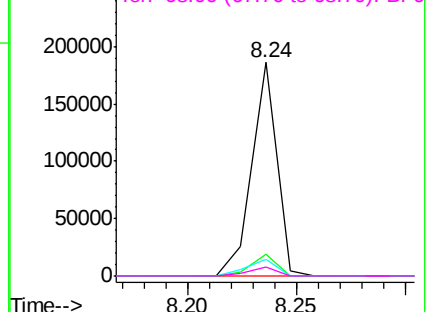
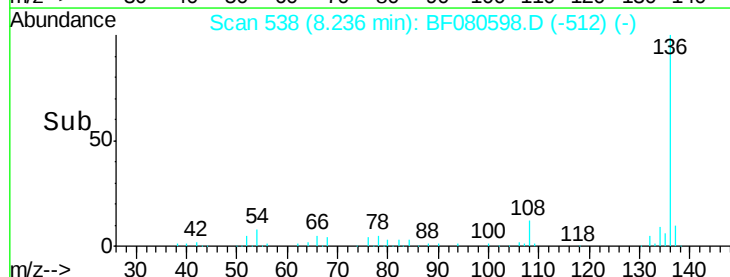


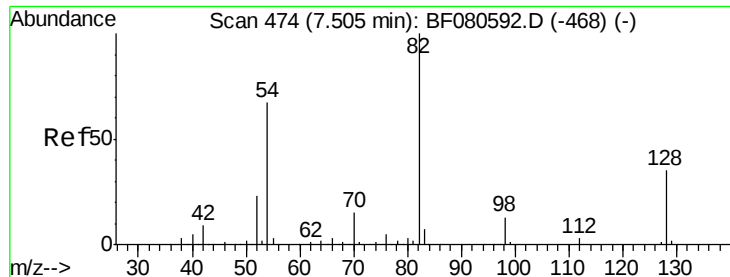
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.21 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

Instrument :

BNA_F

ClientSampled :

PB84631BL

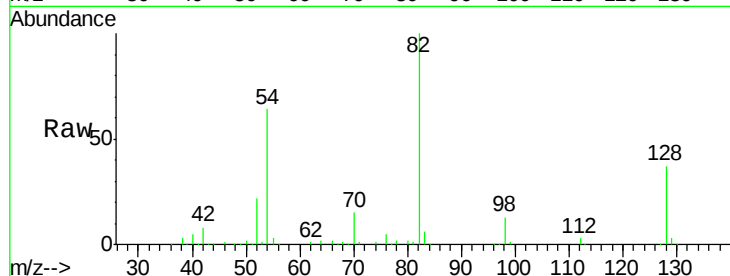
Tgt Ion: 82 Resp: 207955

Ion Ratio Lower Upper

82 100

128 37.3 28.9 43.3

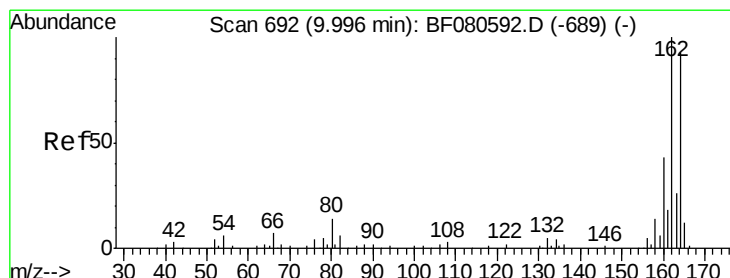
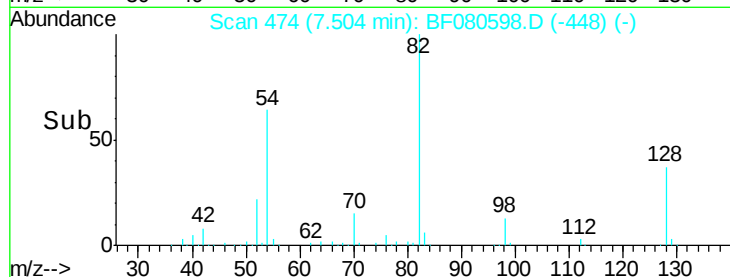
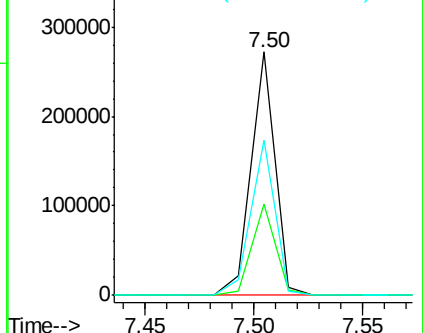
54 63.7 54.5 81.7



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: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF080598.D

Acq: 23 Jul 2015 18:16

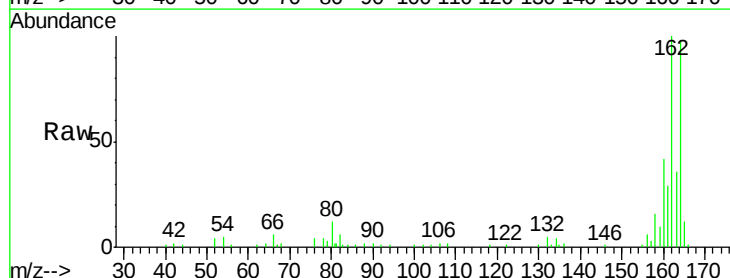
Tgt Ion: 164 Resp: 64280

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.4

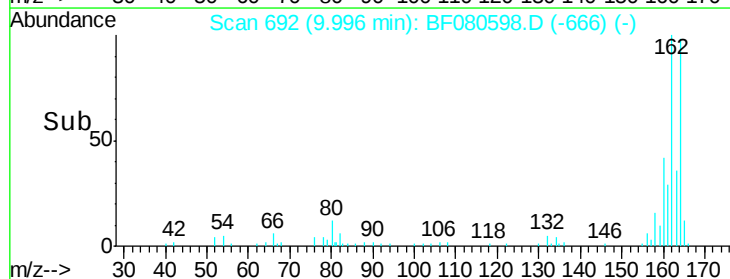
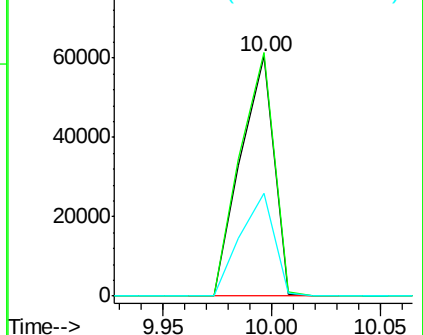
160 42.8 36.1 54.1

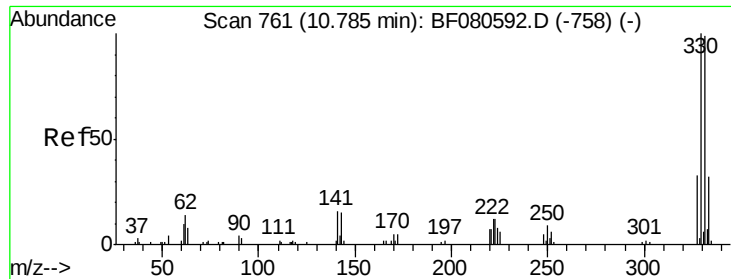


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

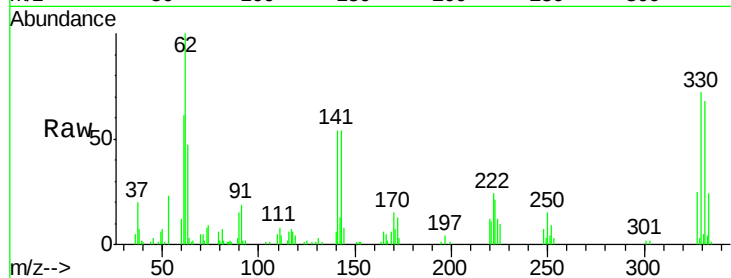




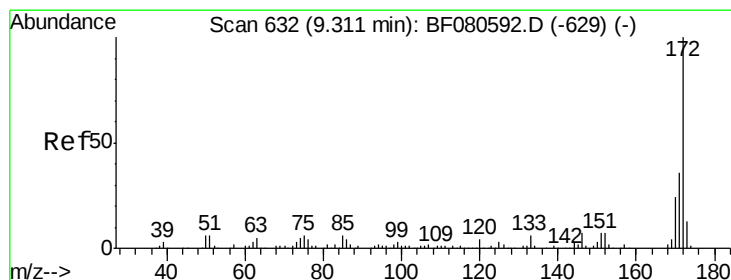
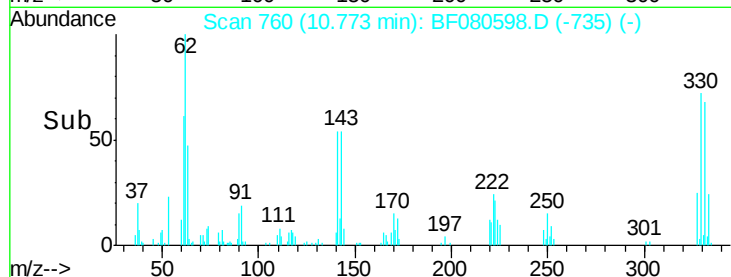
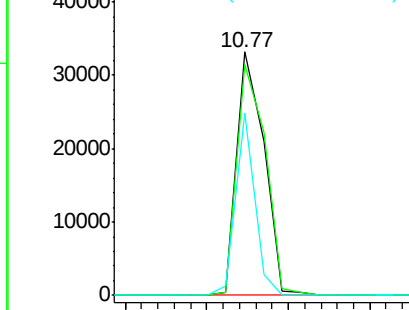
#41
 2,4,6-Tribromophenol
 Concen: 74.90 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF080598.D
 Acq: 23 Jul 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BL

Tgt Ion:330 Resp: 38152
 Ion Ratio Lower Upper
 330 100
 332 99.5 78.3 117.5
 141 52.3 37.9 56.9

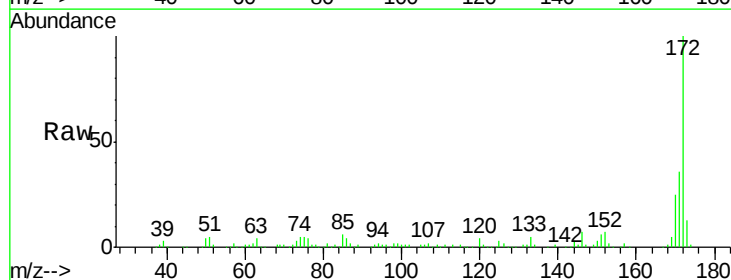


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

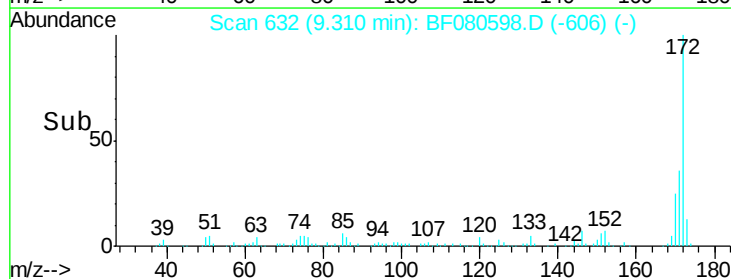
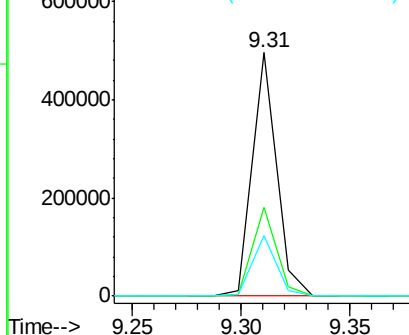


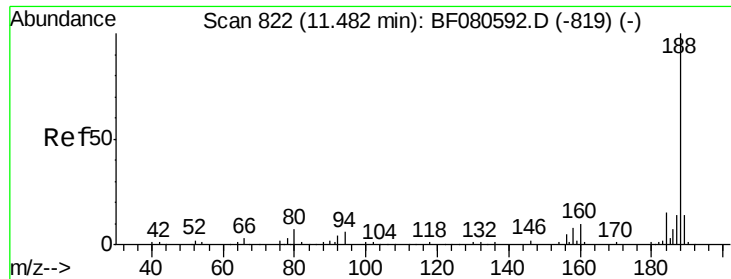
#44
 2-Fluorobiphenyl
 Concen: 86.82 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF080598.D
 Acq: 23 Jul 2015 18:16

Tgt Ion:172 Resp: 384629
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.7 41.5
 170 24.7 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

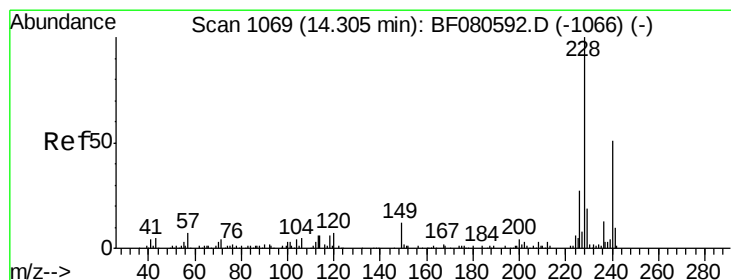
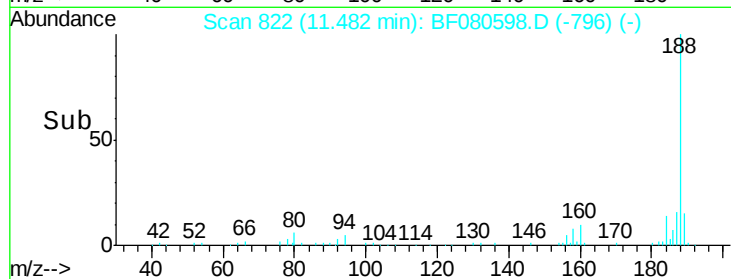
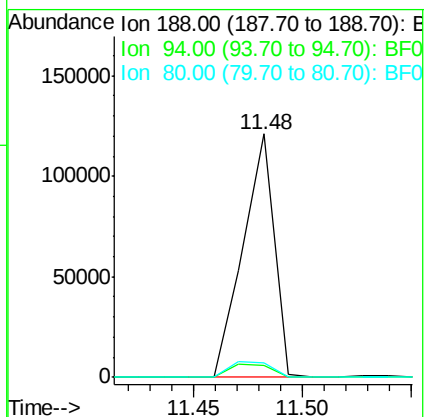
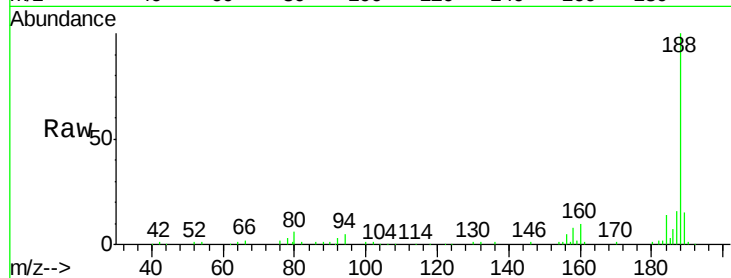




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF080598.D
Acq: 23 Jul 2015 18:16

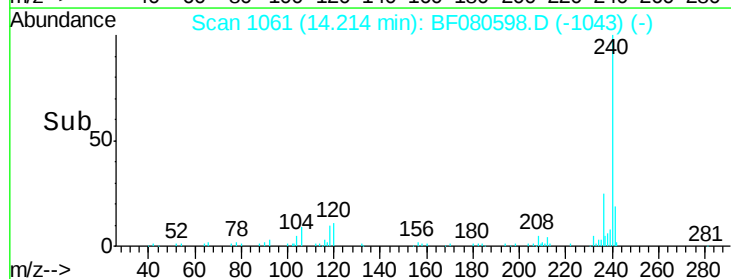
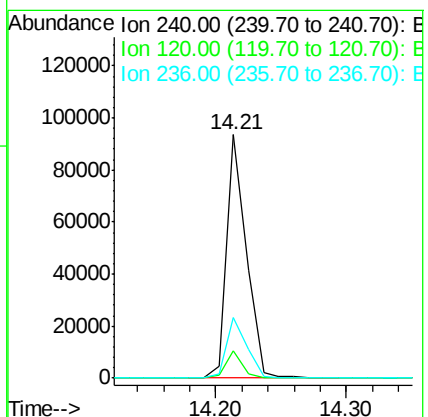
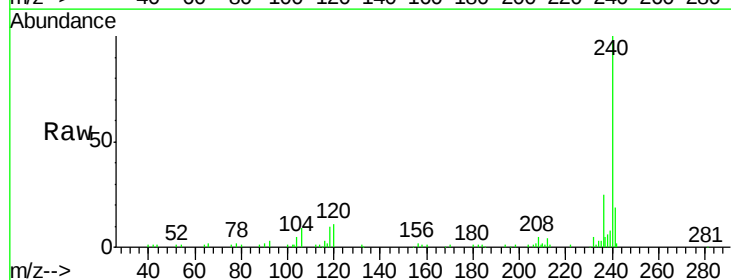
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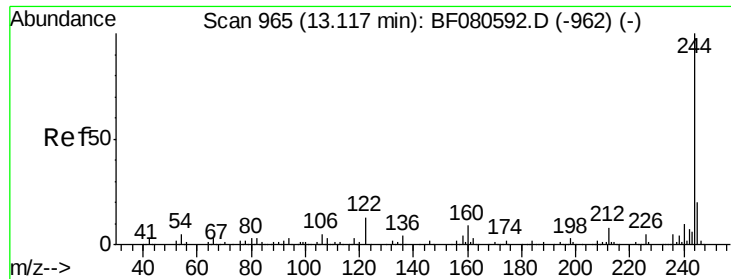
Tgt Ion:188 Resp: 120674
Ion Ratio Lower Upper
188 100
94 4.9 6.1 9.1#
80 5.9 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.21 min Scan# 1061
Delta R.T. -0.09 min
Lab File: BF080598.D
Acq: 23 Jul 2015 18:16

Tgt Ion:240 Resp: 98544
Ion Ratio Lower Upper
240 100
120 11.4 9.9 14.9
236 24.9 19.1 28.7

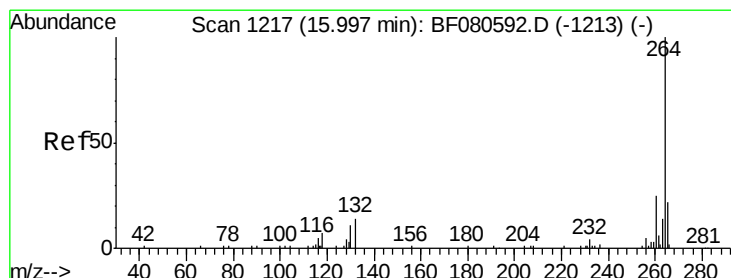
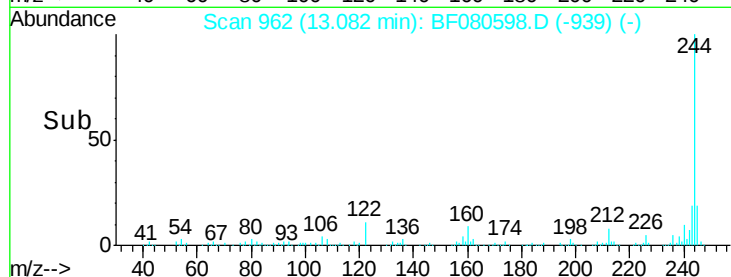
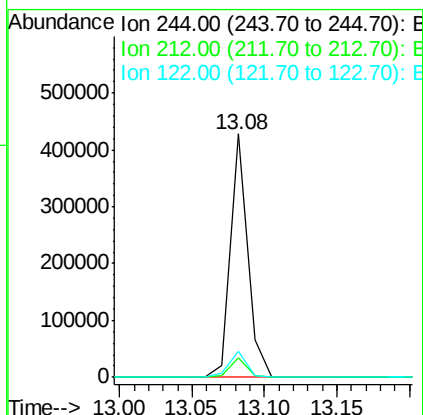
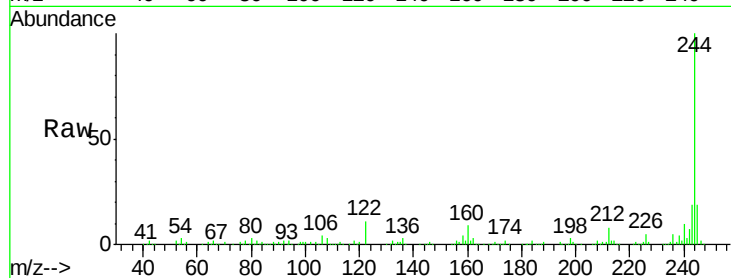




#78
 Terphenyl-d14
 Concen: 75.47 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: BF080598.D
 Acq: 23 Jul 2015 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BL

Tgt Ion:244 Resp: 355423
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.83 min Scan# 1202
 Delta R.T. -0.17 min
 Lab File: BF080598.D
 Acq: 23 Jul 2015 18:16

Tgt Ion:264 Resp: 73905
 Ion Ratio Lower Upper
 264 100
 260 26.2 17.8 26.8
 265 21.6 15.6 23.4

