

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080296.D
 Acq On : 2 Jul 2015 4:50
 Operator : TP/UM
 Sample : PB84309BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BL

Quant Time: Jul 02 08:23:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	43669	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	164303	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	93349	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	188688	20.00	ng	0.00
75) Chrysene-d12	14.78	240	176741	20.00	ng	0.03
86) Perylene-d12	16.63	264	158987	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	284964	113.00	ng	0.00
7) Phenol-d6	6.87	99	366971	108.41	ng	0.00
23) Nitrobenzene-d5	7.82	82	204769	68.62	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	88757	99.86	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	445011	68.61	ng	0.00
78) Terphenyl-d14	13.51	244	522872	69.30	ng	0.01

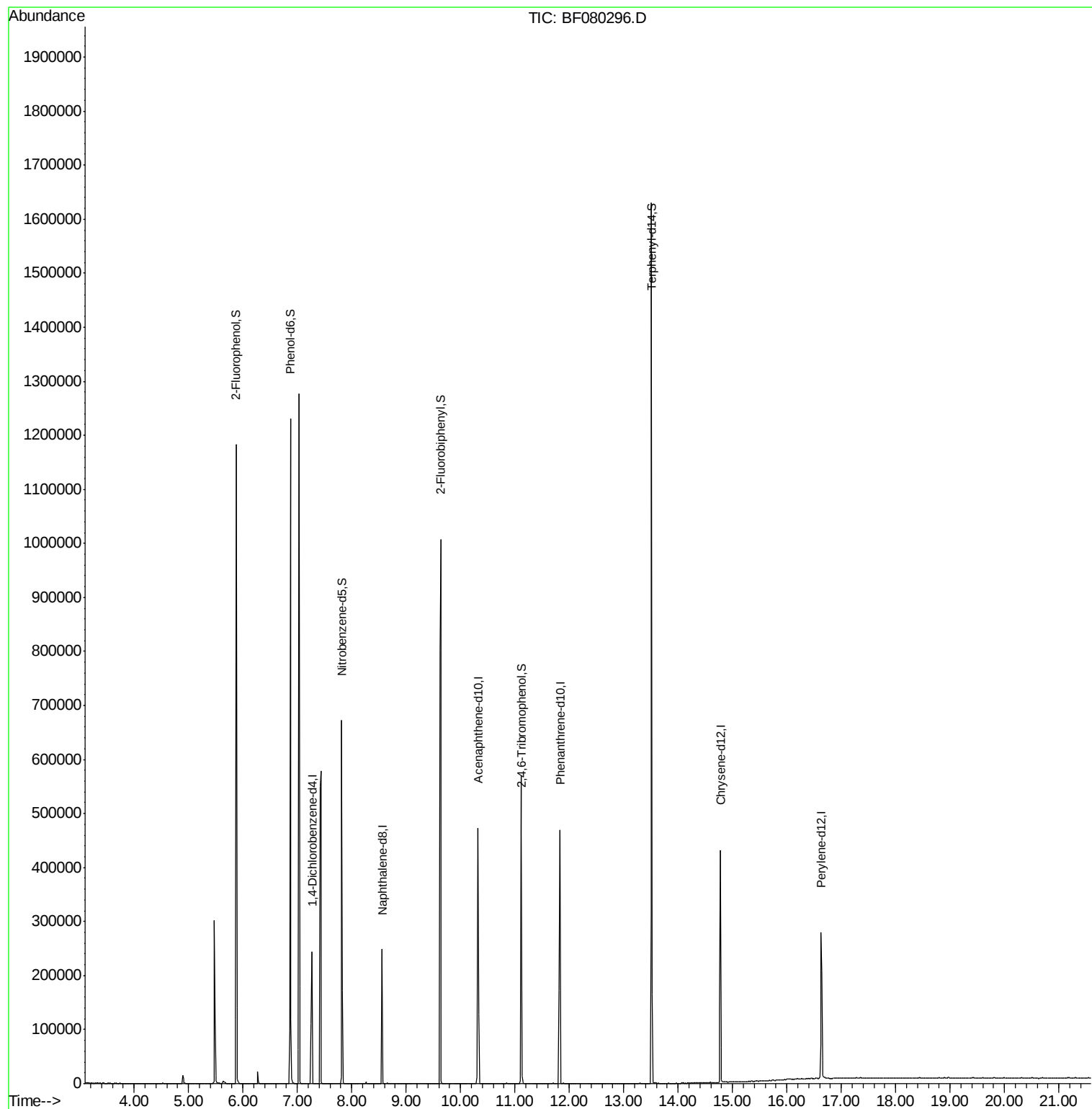
Target Compounds	Qvalue
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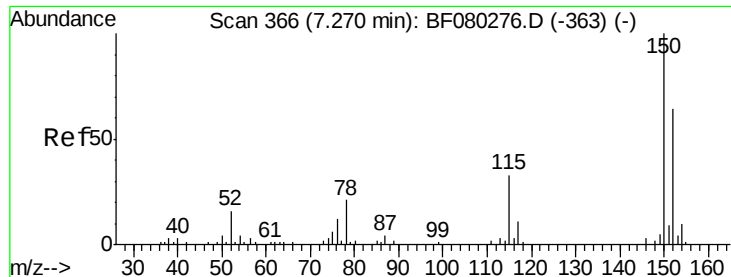
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

Instrument :

BNA_F

ClientSampleID :

PB84309BL

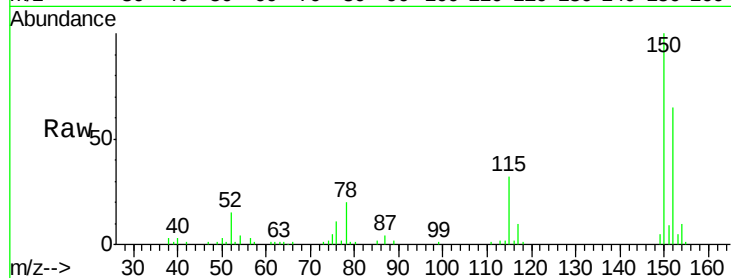
Tgt Ion:152 Resp: 43669

Ion Ratio Lower Upper

152 100

150 152.7 124.7 187.1

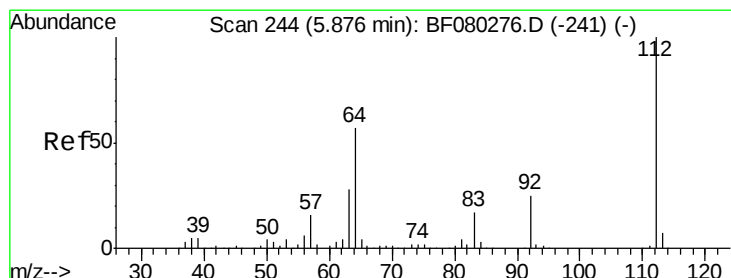
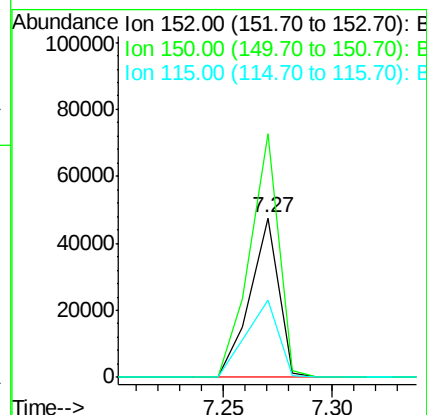
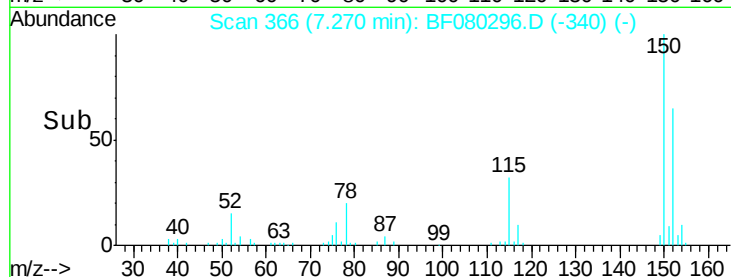
115 48.3 41.0 61.6



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: 113.00 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

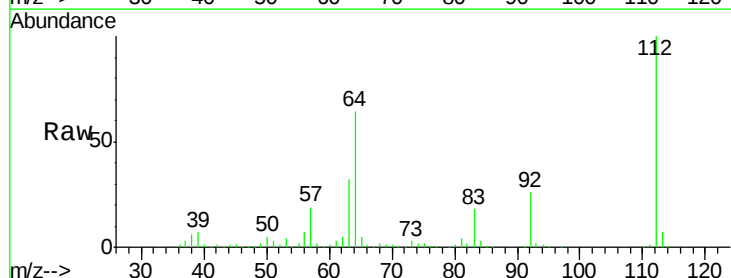
Tgt Ion:112 Resp: 284964

Ion Ratio Lower Upper

112 100

64 63.6 45.5 68.3

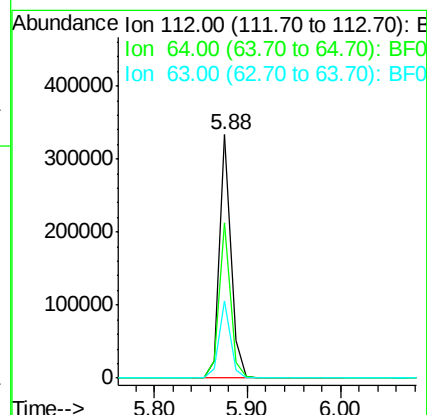
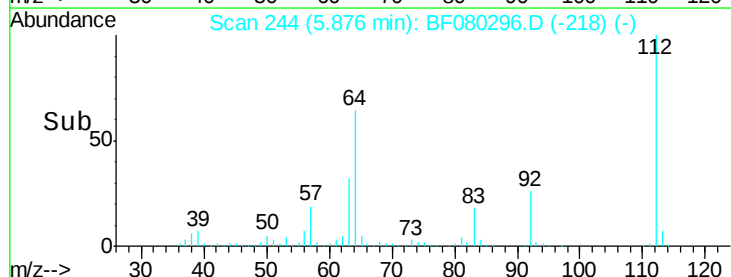
63 31.6 22.4 33.6

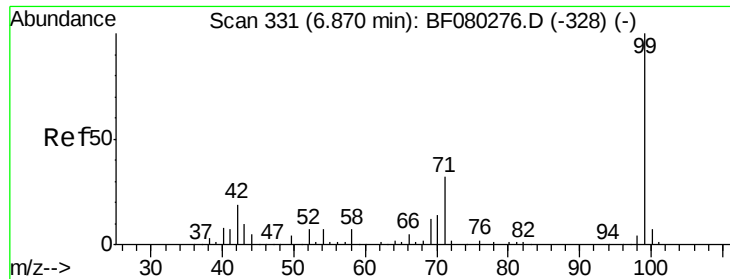


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.41 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

Instrument :

BNA_F

ClientSampleId :

PB84309BL

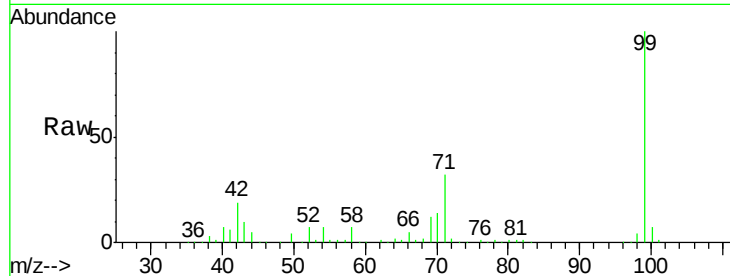
Tgt Ion: 99 Resp: 366971

Ion Ratio Lower Upper

99 100

42 19.0 15.4 23.2

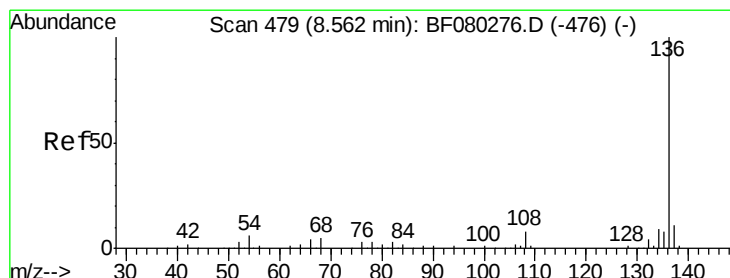
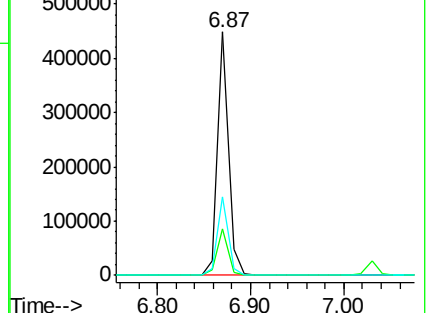
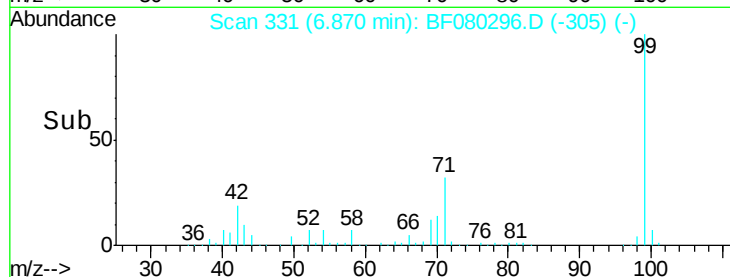
71 32.3 25.8 38.8



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: 8.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

Tgt Ion: 136 Resp: 164303

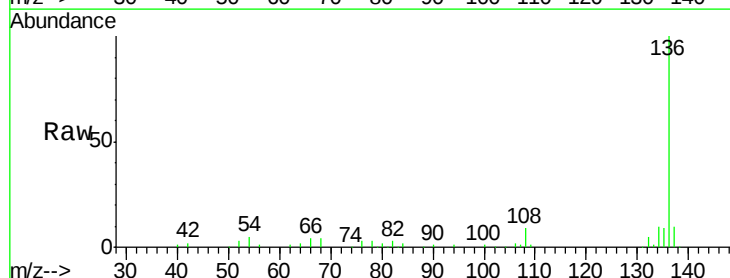
Ion Ratio Lower Upper

136 100

137 9.9 8.4 12.6

54 5.2 4.9 7.3

68 4.2 4.0 6.0

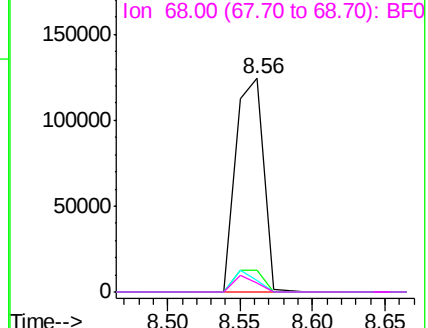
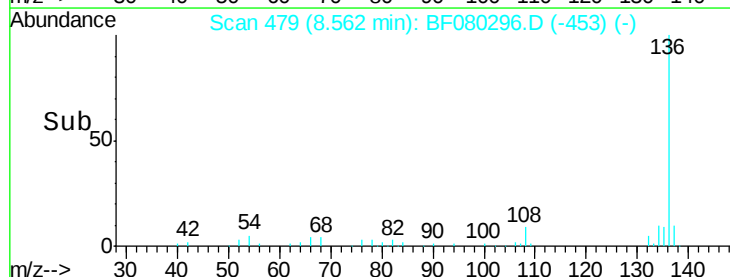


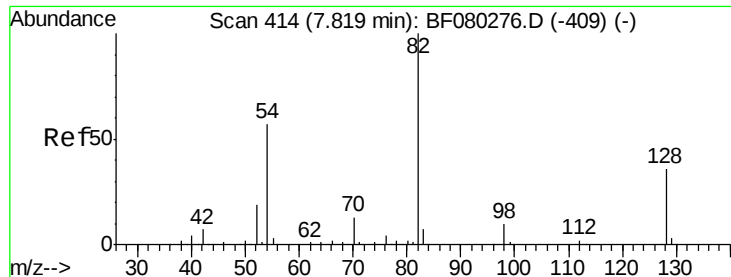
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.62 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

Instrument :

BNA_F

ClientSampleId :

PB84309BL

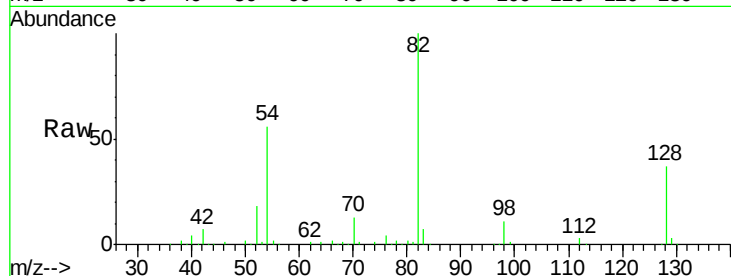
Tgt Ion: 82 Resp: 204769

Ion Ratio Lower Upper

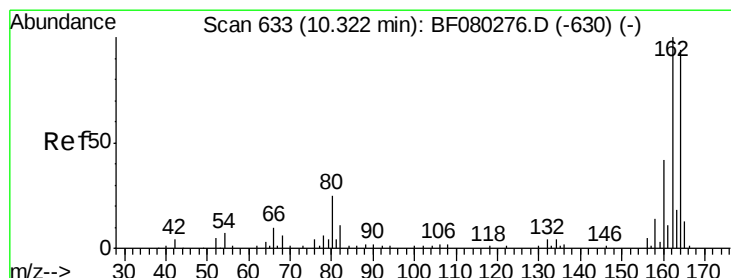
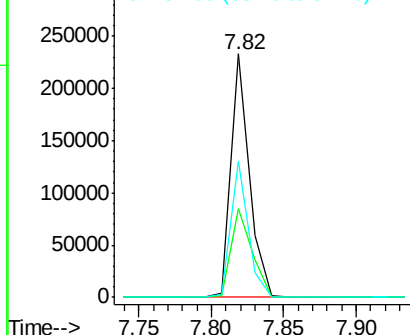
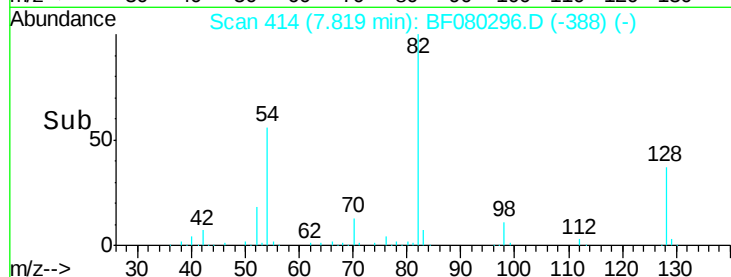
82 100

128 36.7 29.0 43.4

54 56.0 45.3 67.9



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: 10.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

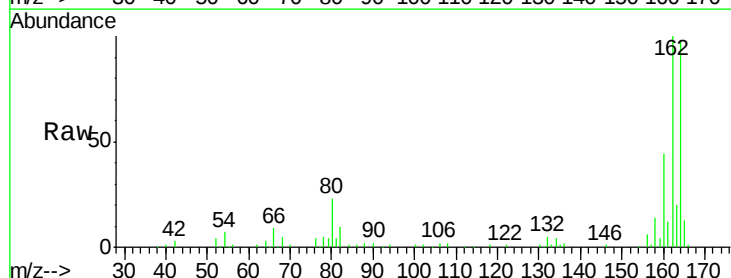
Tgt Ion: 164 Resp: 93349

Ion Ratio Lower Upper

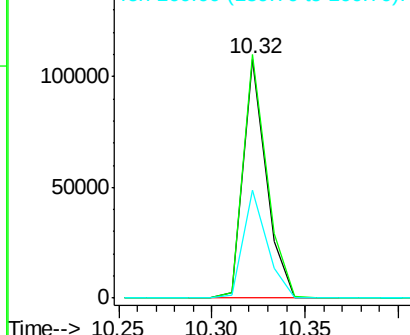
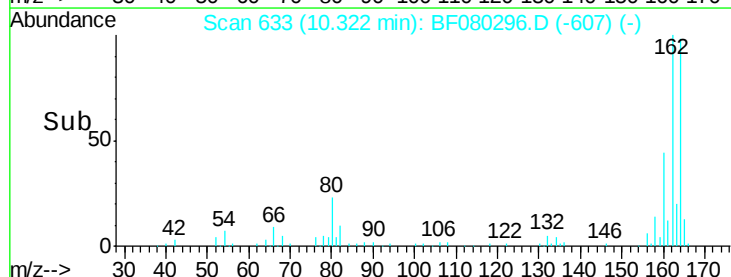
164 100

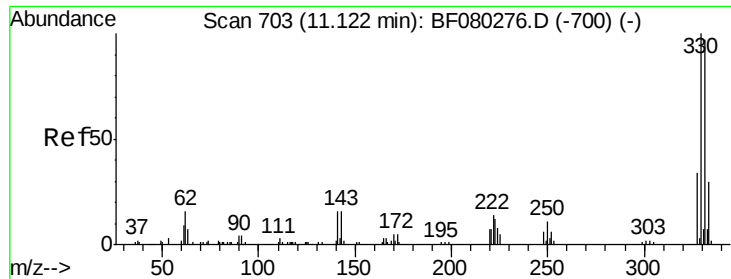
162 102.1 84.8 127.2

160 45.0 35.8 53.8



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: 99.86 ng

RT: 11.12 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

Instrument :

BNA_F

ClientSampleId :

PB84309BL

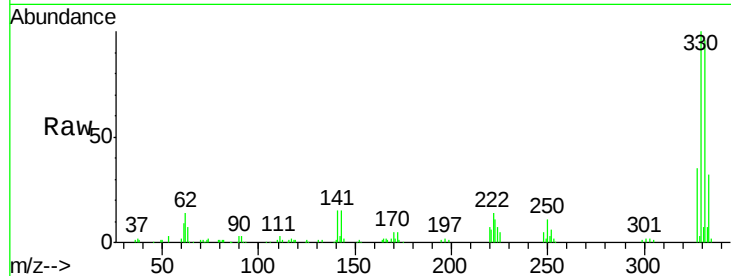
Tgt Ion:330 Resp: 88757

Ion Ratio Lower Upper

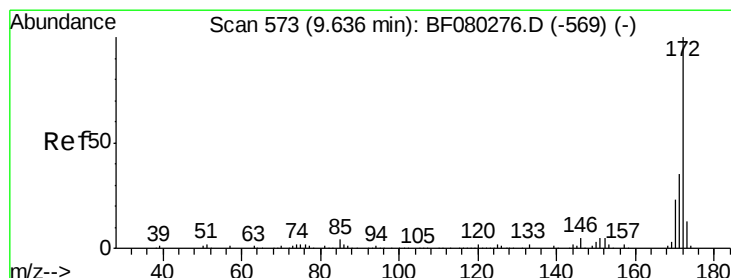
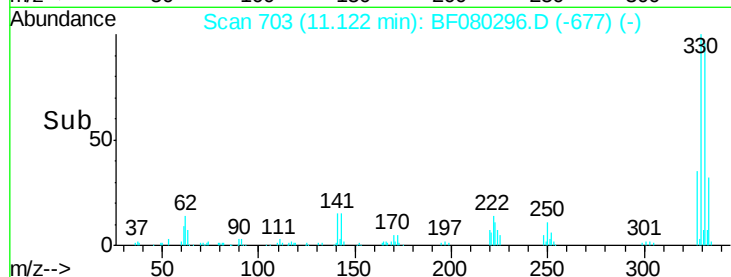
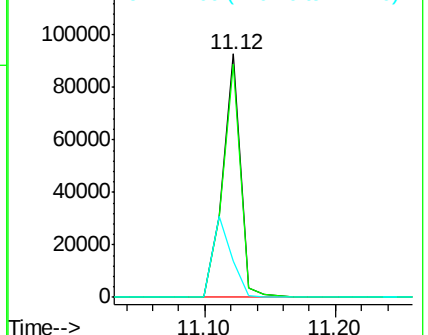
330 100

332 96.5 77.4 116.2

141 36.0 28.0 42.0



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: 68.61 ng

RT: 9.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

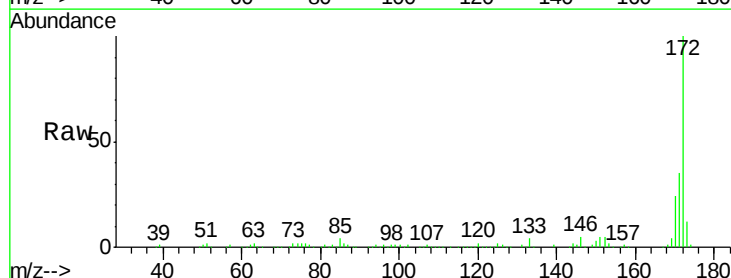
Tgt Ion:172 Resp: 445011

Ion Ratio Lower Upper

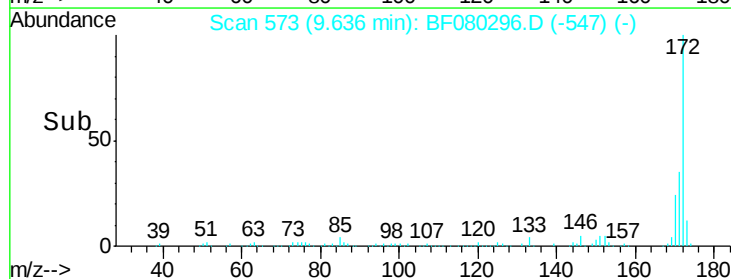
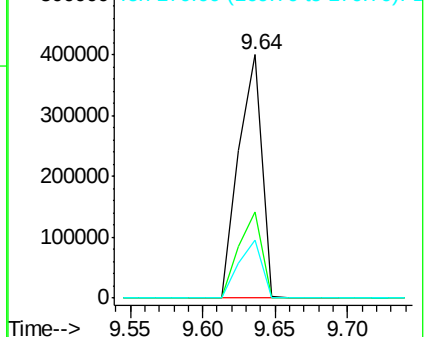
172 100

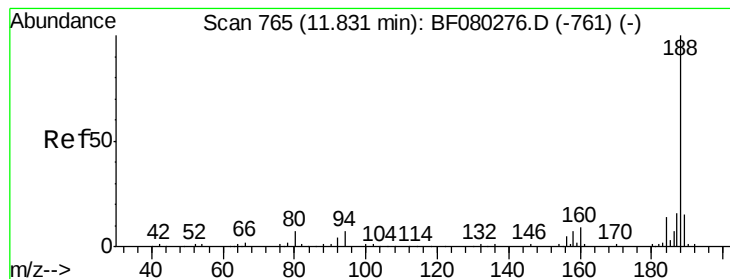
171 35.2 28.1 42.1

170 23.7 18.6 28.0



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: 11.83 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

Instrument :

BNA_F

ClientSampled :

PB84309BL

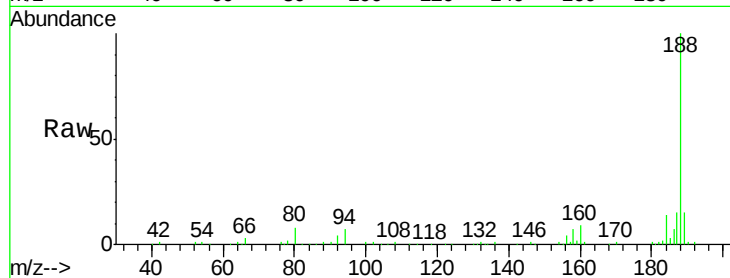
Tgt Ion:188 Resp: 188688

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

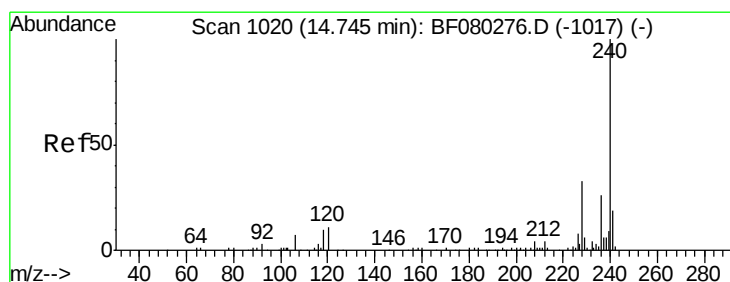
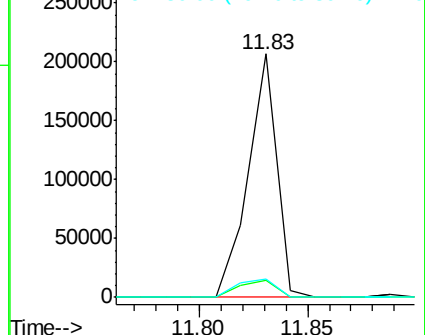
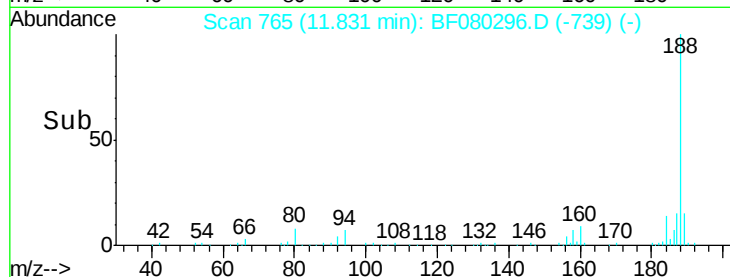
80 7.6 5.8 8.6



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: 14.78 min Scan# 1023

Delta R.T. 0.03 min

Lab File: BF080296.D

Acq: 2 Jul 2015 4:50

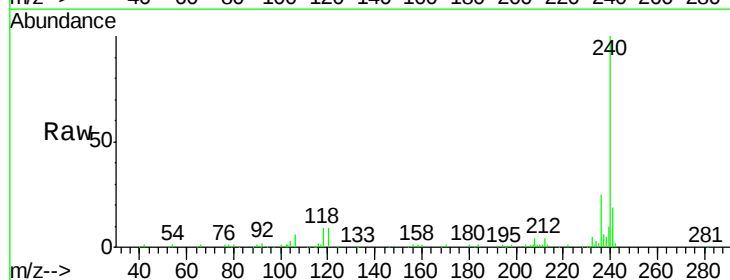
Tgt Ion:240 Resp: 176741

Ion Ratio Lower Upper

240 100

120 8.7 8.7 13.1#

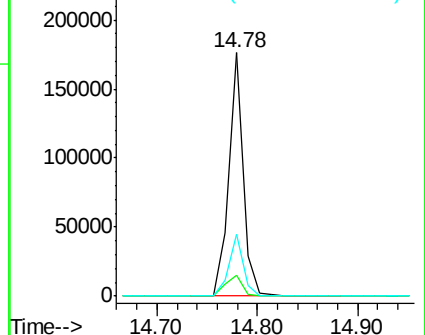
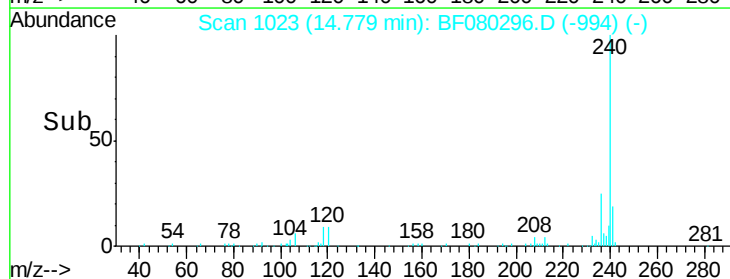
236 25.3 20.9 31.3

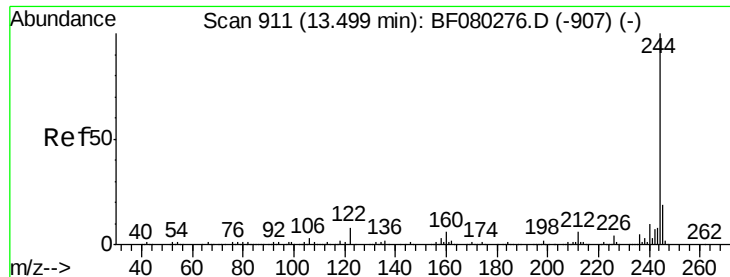


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

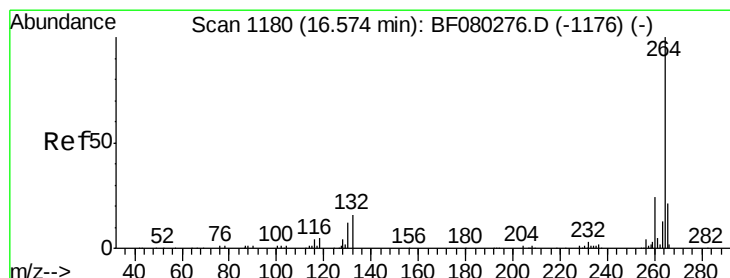
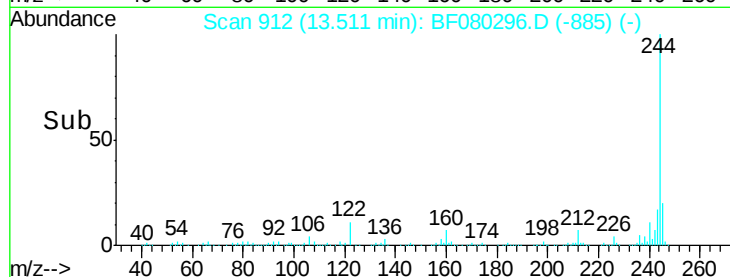
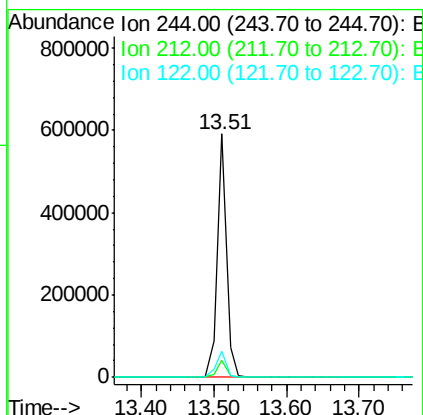
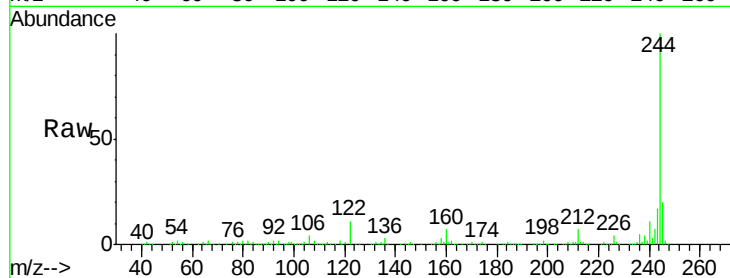




#78
 Terphenyl-d14
 Concen: 69.30 ng
 RT: 13.51 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF080296.D
 Acq: 2 Jul 2015 4:50

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.6
122	10.6	6.6	9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.63 min Scan# 1185
 Delta R.T. 0.06 min
 Lab File: BF080296.D
 Acq: 2 Jul 2015 4:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	16.9	25.3

