

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080303.D
 Acq On : 2 Jul 2015 8:12
 Operator : TP/UM
 Sample : G2838-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

Quant Time: Jul 02 11:55:11 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	42823	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	165639	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	89644	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	183018	20.00	ng	0.00
75) Chrysene-d12	14.89	240	167142	20.00	ng	0.15
86) Perylene-d12	16.80	264	148396	20.00	ng	0.23
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	291239	117.77	ng	0.00
7) Phenol-d6	6.87	99	353773	106.57	ng	0.00
23) Nitrobenzene-d5	7.82	82	233560	77.64	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	110226	129.13	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	518939	83.32	ng	0.00
78) Terphenyl-d14	13.57	244	625366	87.64	ng	0.07

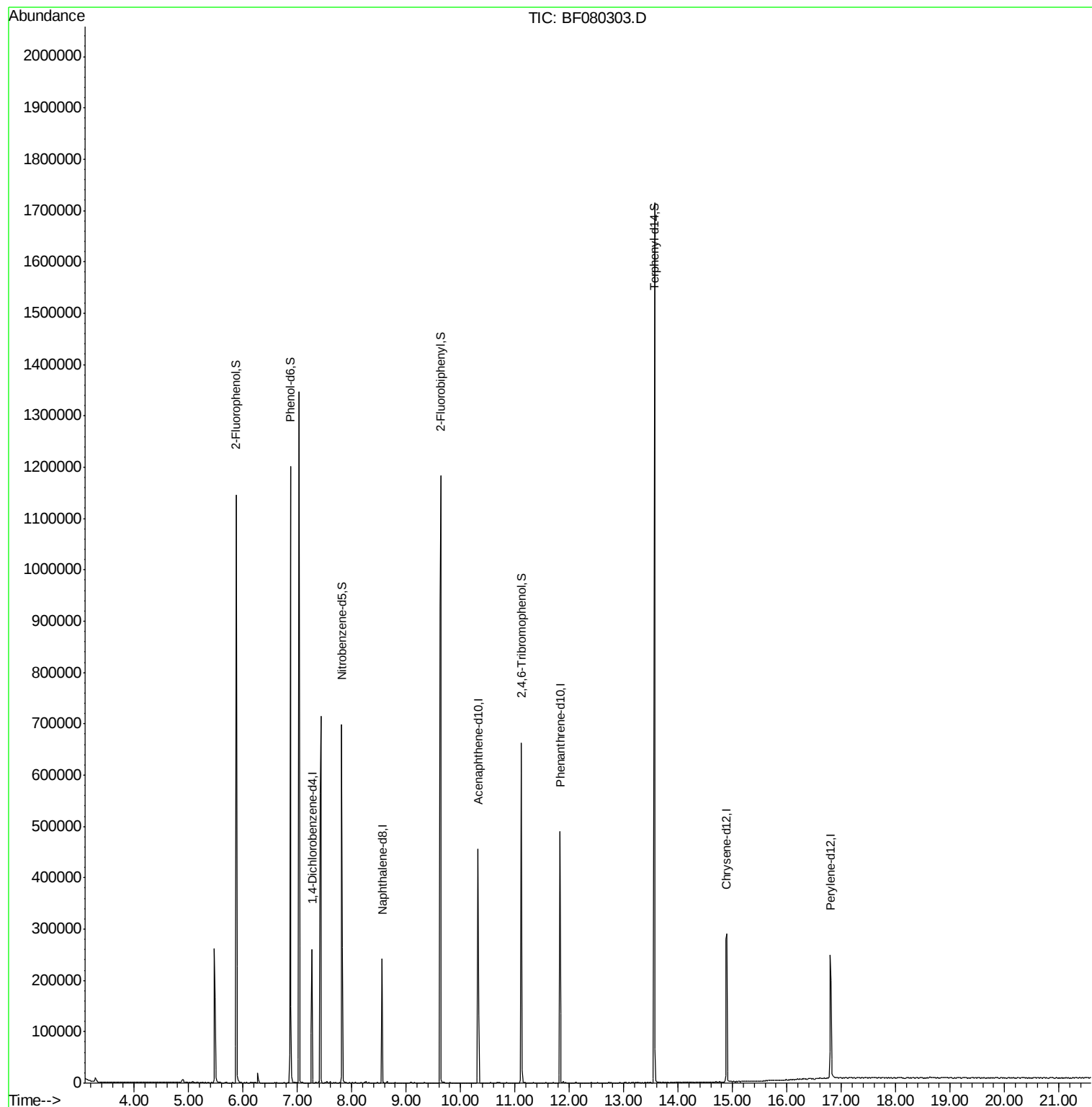
Target Compounds	Qvalue
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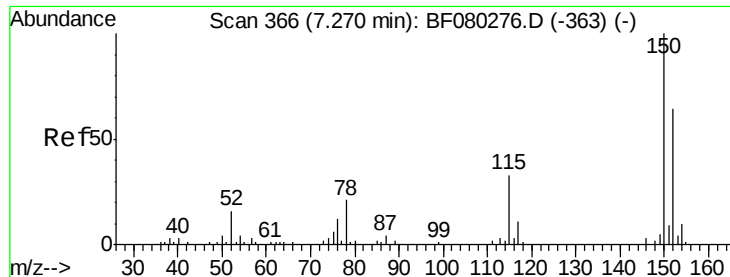
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080303.D

Acq: 2 Jul 2015 8:12

Instrument :

BNA_F

ClientSampled :

TEC-B13

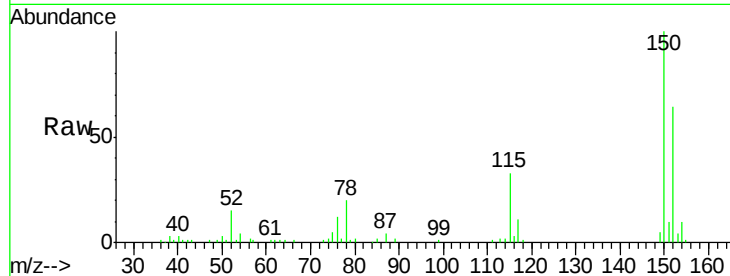
Tgt Ion:152 Resp: 42823

Ion Ratio Lower Upper

152 100

150 157.1 124.7 187.1

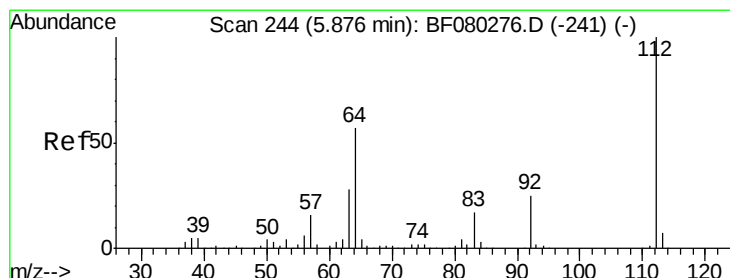
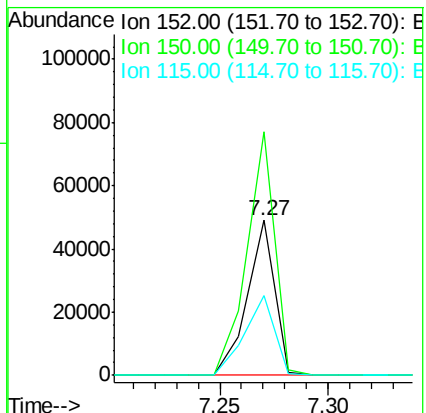
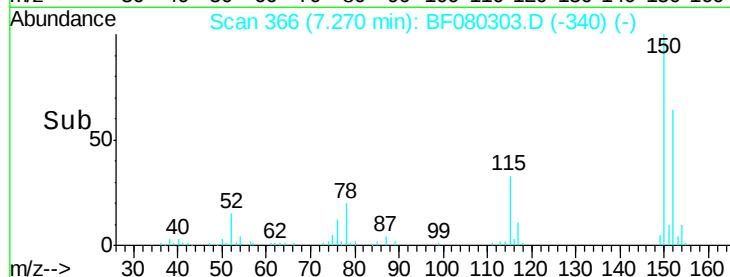
115 51.3 41.0 61.6



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: 117.77 ng

RT: 5.88 min Scan# 244

Delta R.T. -0.00 min

Lab File: BF080303.D

Acq: 2 Jul 2015 8:12

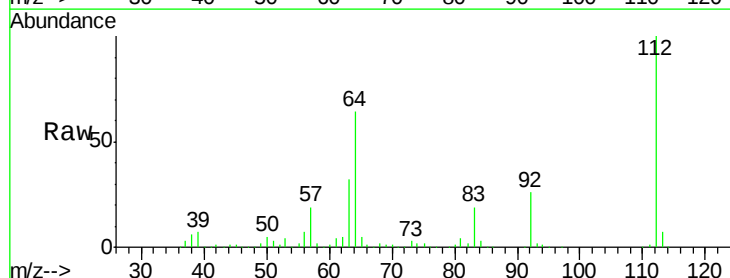
Tgt Ion:112 Resp: 291239

Ion Ratio Lower Upper

112 100

64 63.7 45.5 68.3

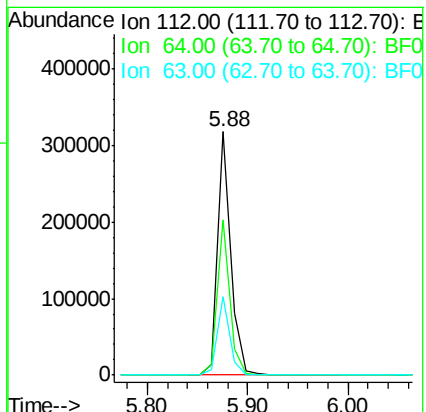
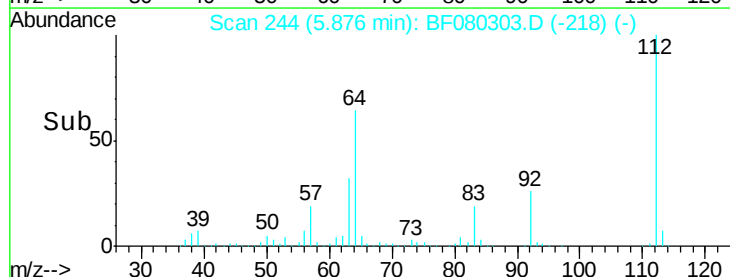
63 32.3 22.4 33.6

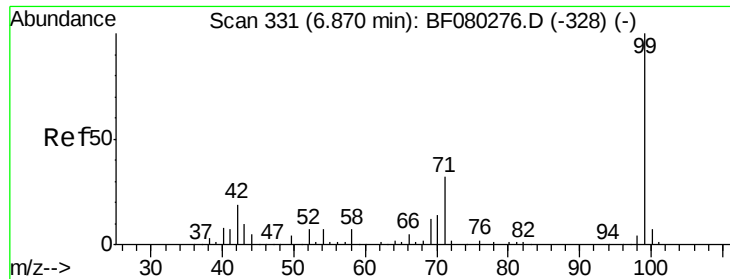


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.57 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF080303.D

Acq: 2 Jul 2015 8:12

Instrument :

BNA_F

ClientSampled :

TEC-B13

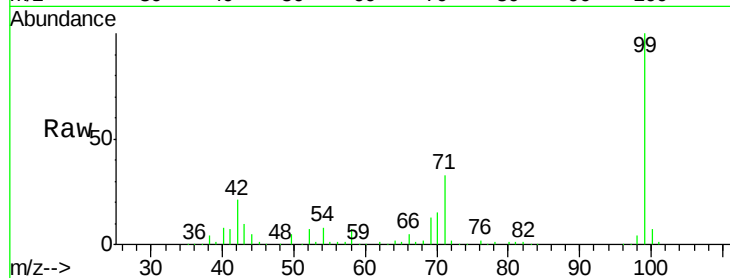
Tgt Ion: 99 Resp: 353773

Ion Ratio Lower Upper

99 100

42 20.5 15.4 23.2

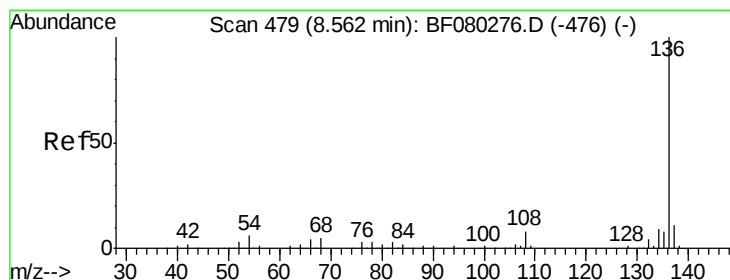
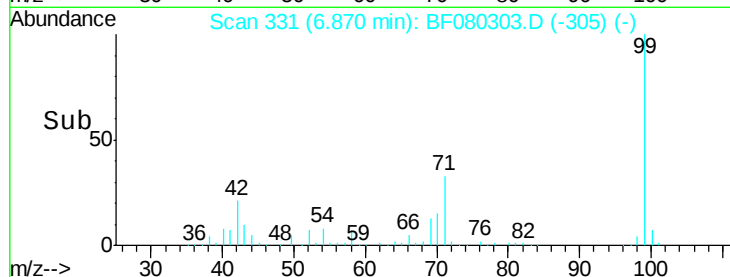
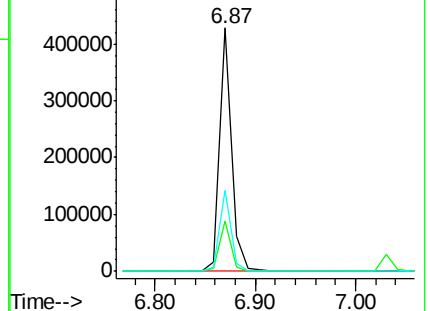
71 33.2 25.8 38.8



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: BF080303.D

Acq: 2 Jul 2015 8:12

Tgt Ion: 136 Resp: 165639

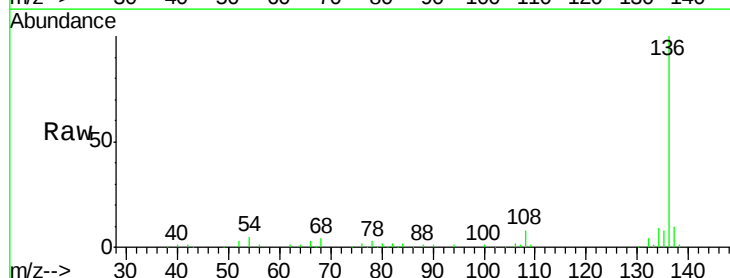
Ion Ratio Lower Upper

136 100

137 9.8 8.4 12.6

54 5.0 4.9 7.3

68 4.4 4.0 6.0

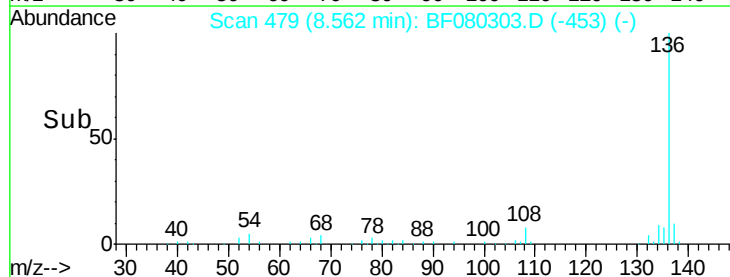
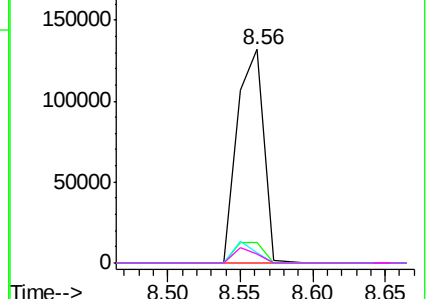


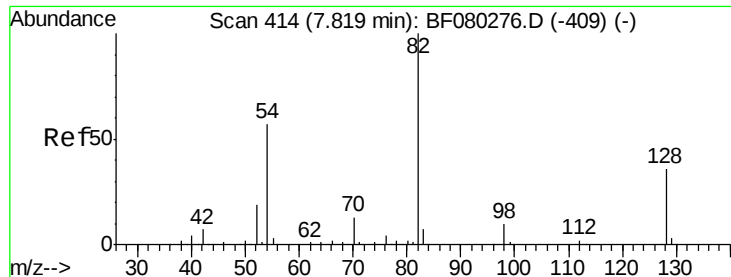
Abundance Ion 136.00 (135.70 to 136.70): E

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

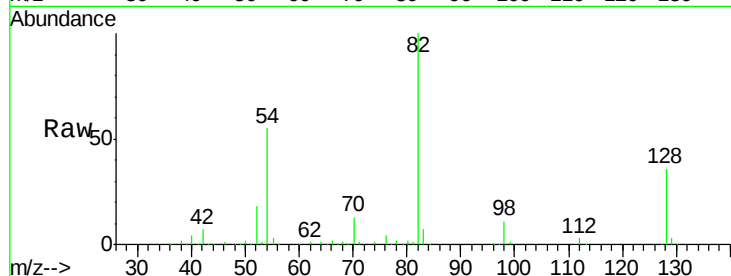




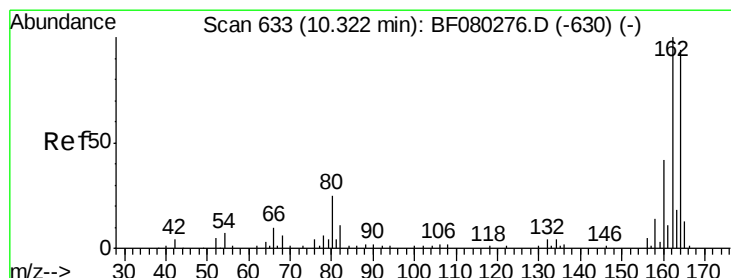
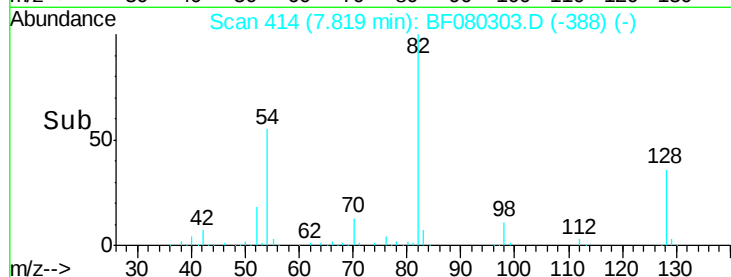
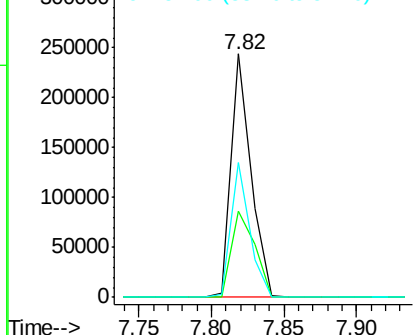
#23
Nitrobenzene-d5
Concen: 77.64 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF080303.D
Acq: 2 Jul 2015 8:12

Instrument :
BNA_F
ClientSampleId :
TEC-B13

Tgt Ion: 82 Resp: 233560
Ion Ratio Lower Upper
82 100
128 35.6 29.0 43.4
54 55.1 45.3 67.9

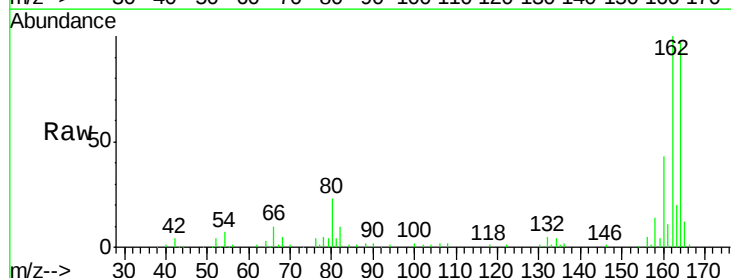


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

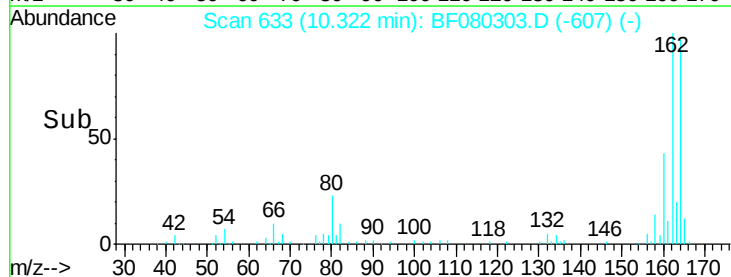
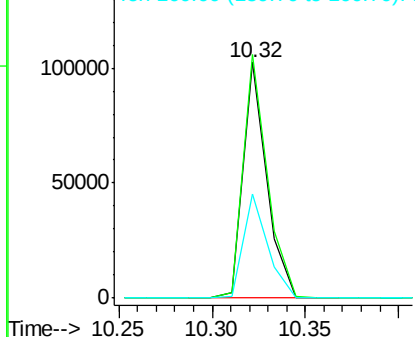


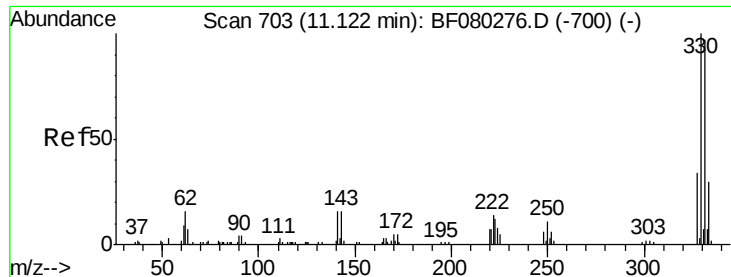
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF080303.D
Acq: 2 Jul 2015 8:12

Tgt Ion: 164 Resp: 89644
Ion Ratio Lower Upper
164 100
162 103.4 84.8 127.2
160 44.2 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

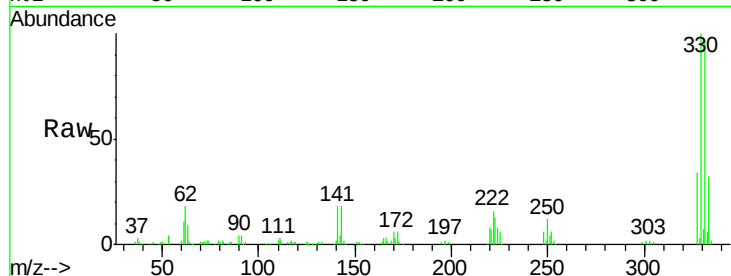




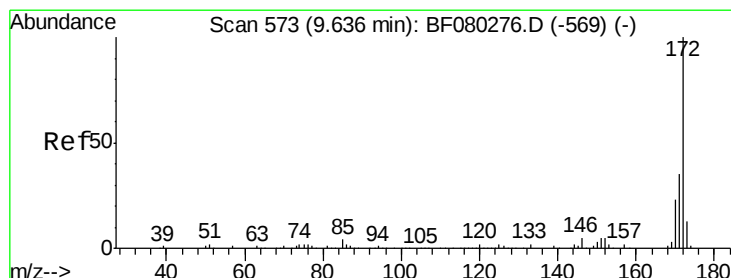
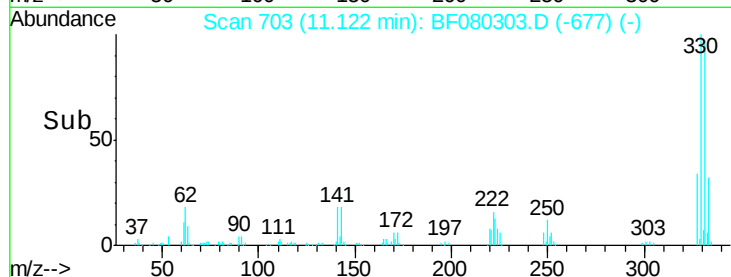
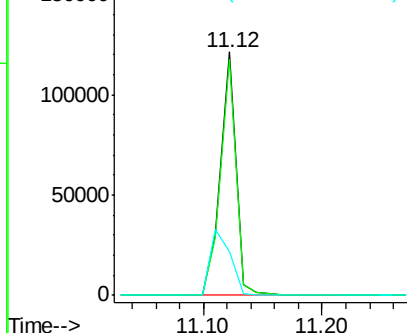
#41
 2,4,6-Tribromophenol
 Concen: 129.13 ng
 RT: 11.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080303.D
 Acq: 2 Jul 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

Tgt Ion:330 Resp: 110226
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 35.2 28.0 42.0

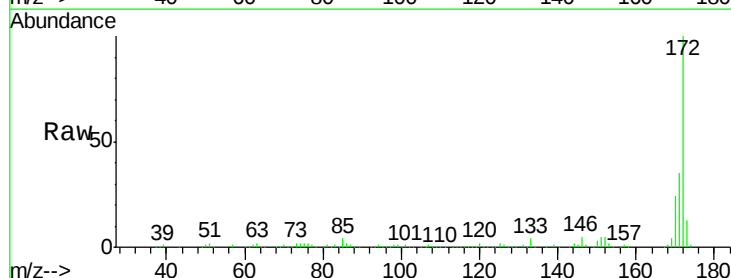


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

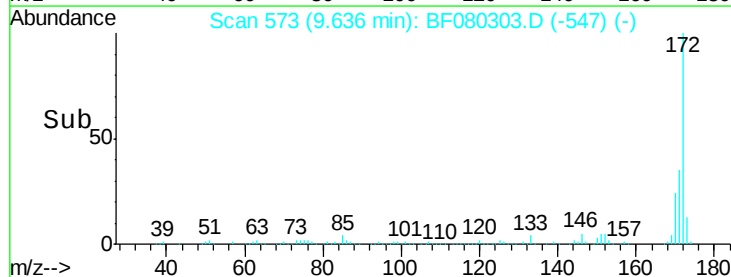
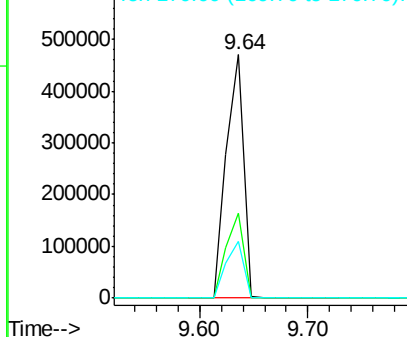


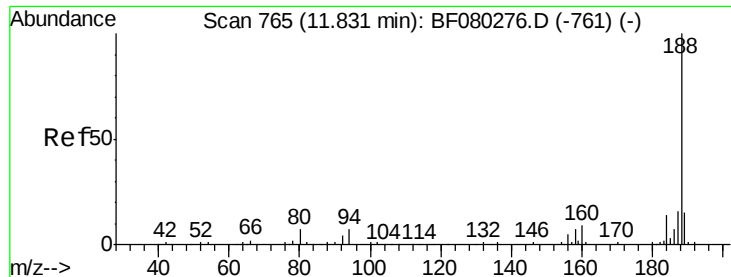
#44
 2-Fluorobiphenyl
 Concen: 83.32 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF080303.D
 Acq: 2 Jul 2015 8:12

Tgt Ion:172 Resp: 518939
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.6 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

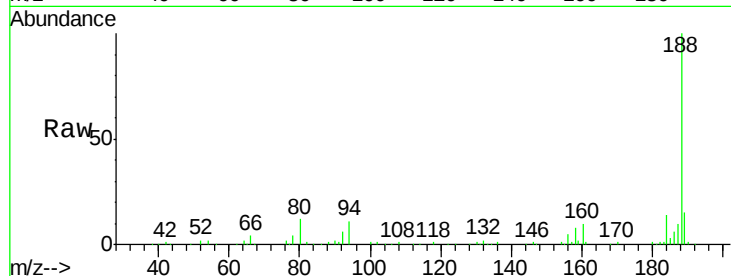




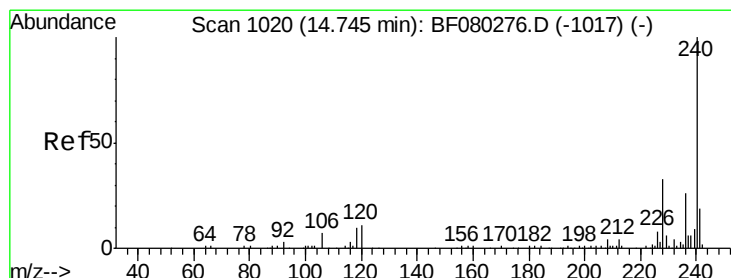
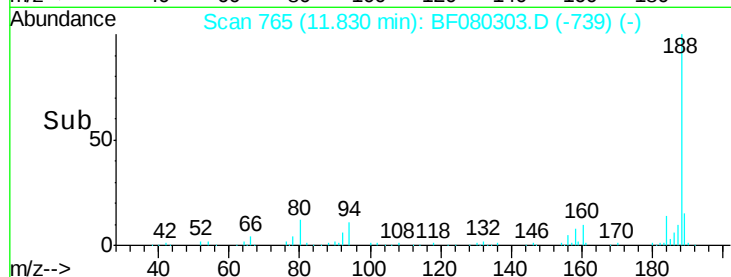
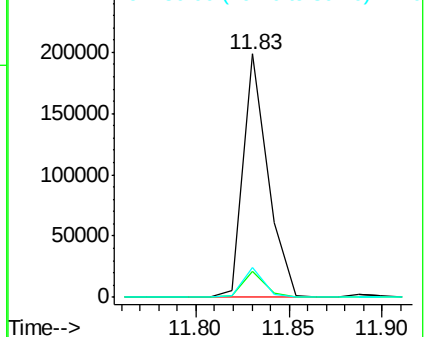
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080303.D
Acq: 2 Jul 2015 8:12

Instrument :
BNA_F
ClientSampleId :
TEC-B13

Tgt Ion:188 Resp: 183018
Ion Ratio Lower Upper
188 100
94 10.9 5.4 8.0#
80 12.3 5.8 8.6#

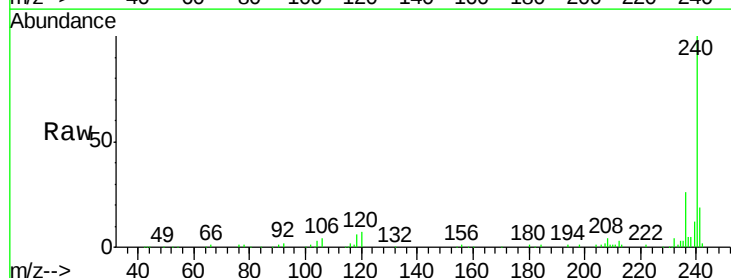


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

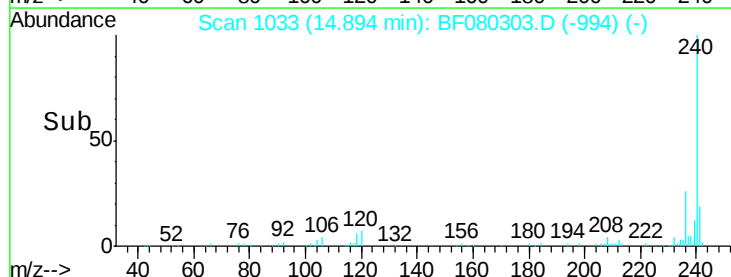
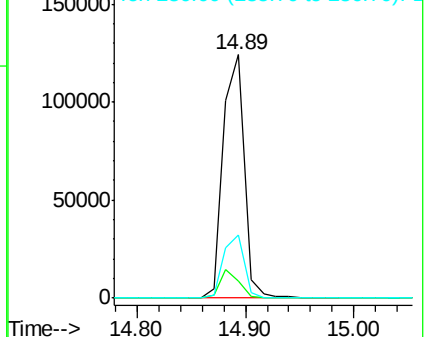


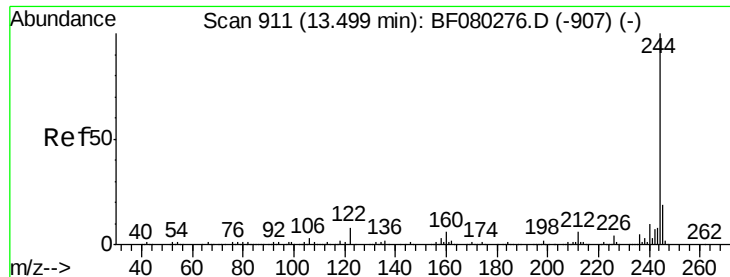
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 1033
Delta R.T. 0.15 min
Lab File: BF080303.D
Acq: 2 Jul 2015 8:12

Tgt Ion:240 Resp: 167142
Ion Ratio Lower Upper
240 100
120 7.1 8.7 13.1#
236 25.9 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

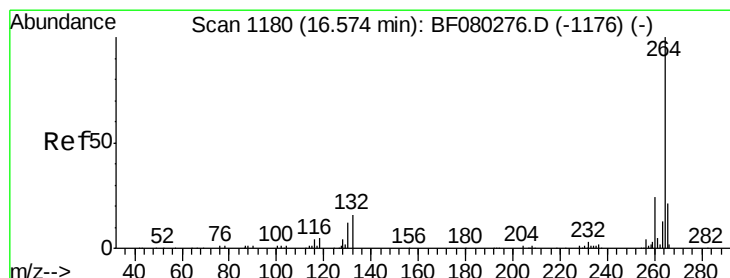
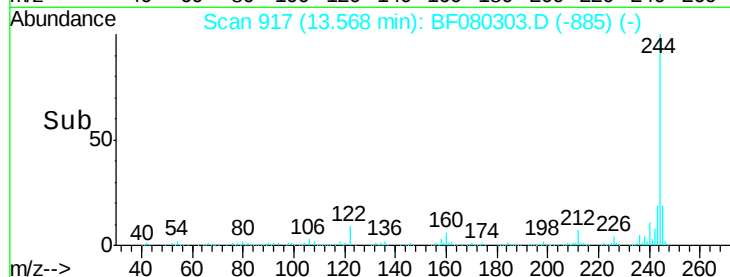
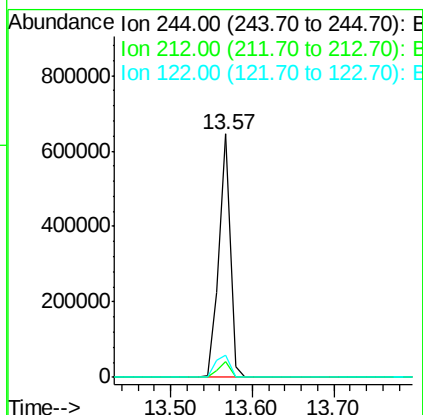
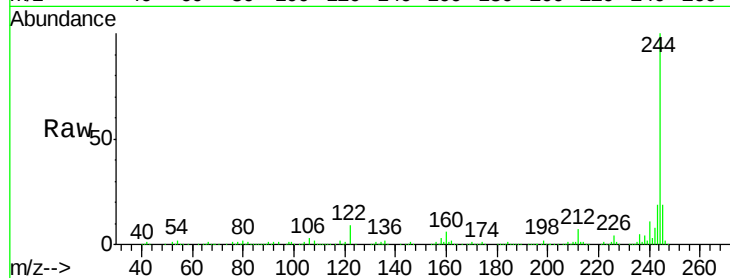




#78
 Terphenyl-d14
 Concen: 87.64 ng
 RT: 13.57 min Scan# 917
 Delta R.T. 0.07 min
 Lab File: BF080303.D
 Acq: 2 Jul 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B13

Tgt Ion:244 Resp: 625366
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.6
 122 8.9 6.6 9.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.80 min Scan# 1200
 Delta R.T. 0.23 min
 Lab File: BF080303.D
 Acq: 2 Jul 2015 8:12

Tgt Ion:264 Resp: 148396
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 16.9 25.3

