

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080304.D
 Acq On : 2 Jul 2015 8:42
 Operator : TP/UM
 Sample : G2838-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

Quant Time: Jul 02 11:59:26 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	43817	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	166018	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	89014	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	187524	20.00	ng	0.00
75) Chrysene-d12	14.85	240	168841	20.00	ng	0.10
86) Perylene-d12	16.76	264	147672	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	283116	111.89	ng	0.00
7) Phenol-d6	6.87	99	332727	97.96	ng	0.00
23) Nitrobenzene-d5	7.82	82	228192	75.68	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	107193	126.47	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	506824	81.95	ng	0.00
78) Terphenyl-d14	13.55	244	602961	83.65	ng	0.05

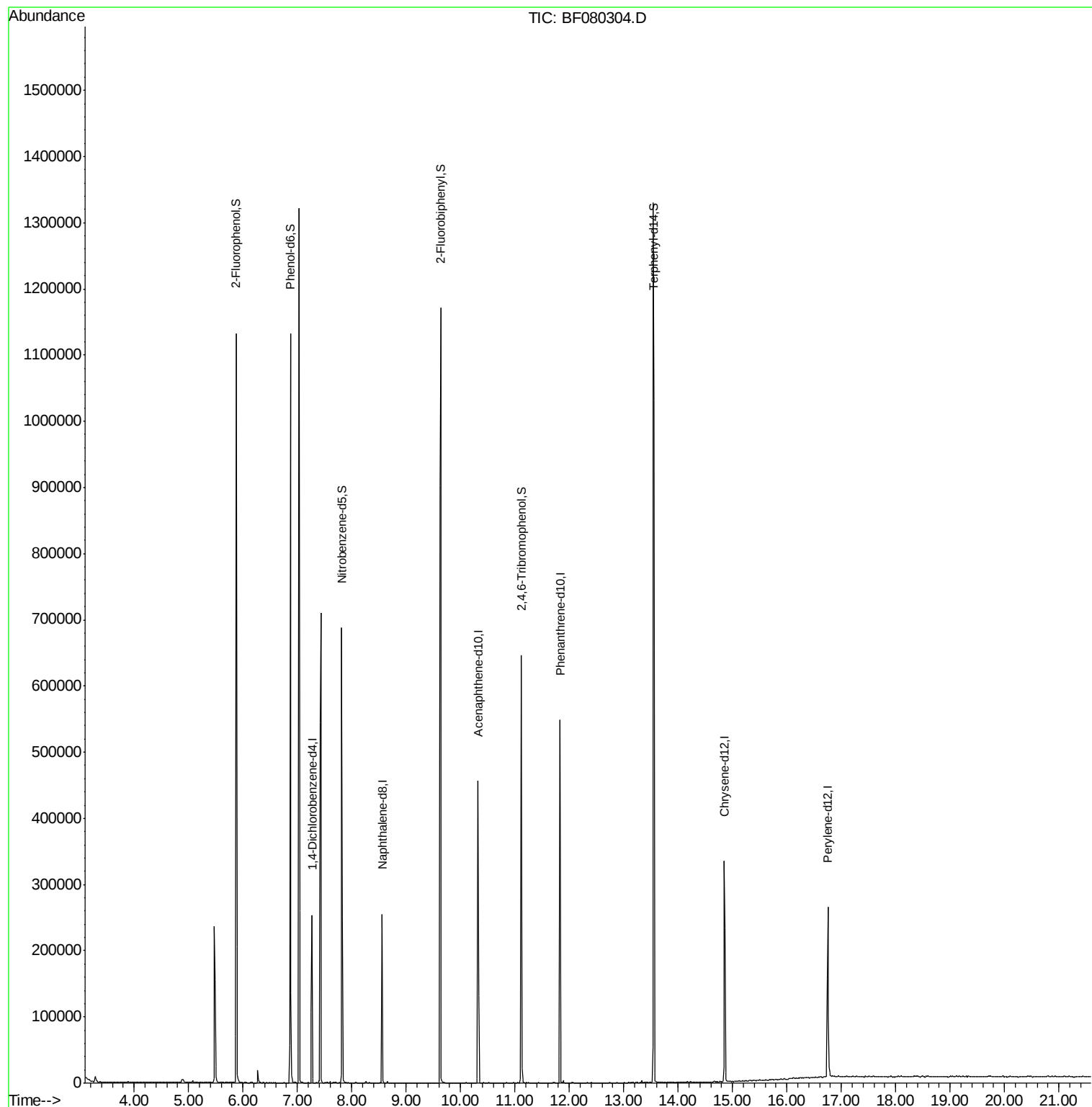
Target Compounds	Qvalue
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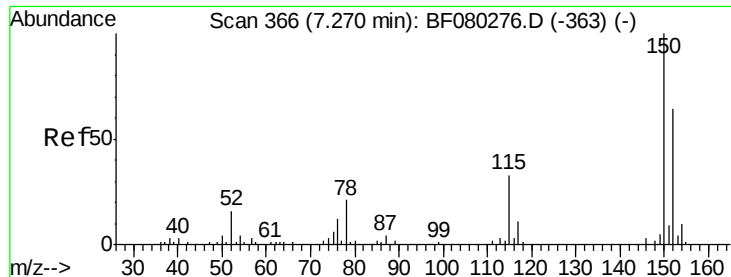
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080304.D

Acq: 2 Jul 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TEC-B14

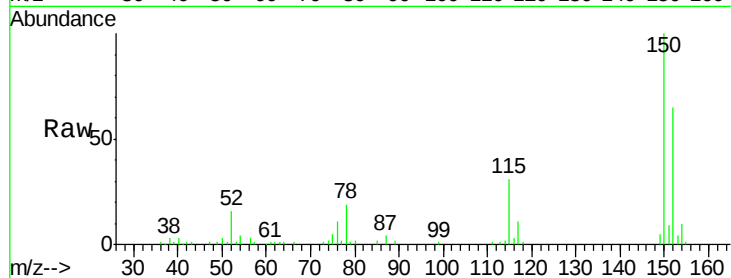
Tgt Ion:152 Resp: 43817

Ion Ratio Lower Upper

152 100

150 154.3 124.7 187.1

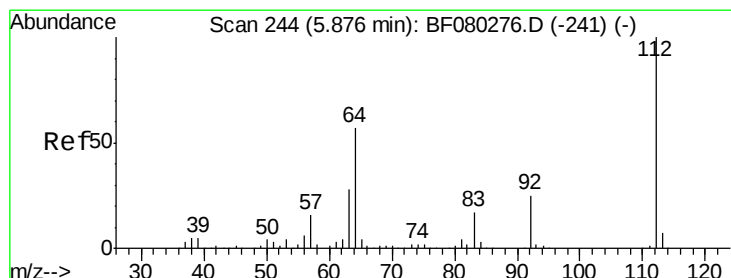
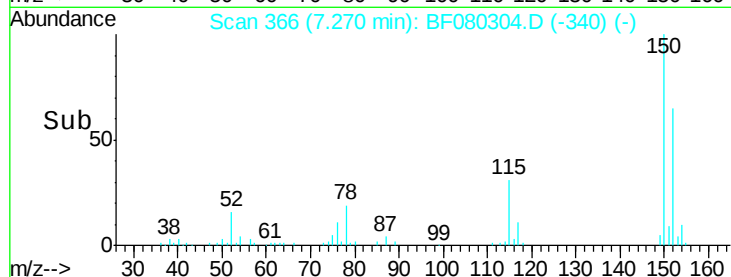
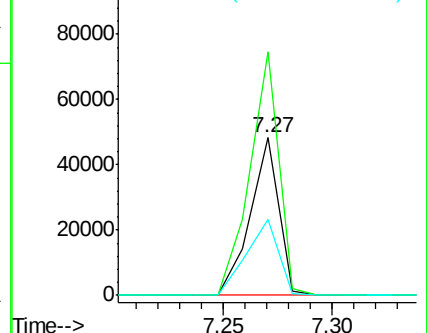
115 48.4 41.0 61.6



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: 111.89 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080304.D

Acq: 2 Jul 2015 8:42

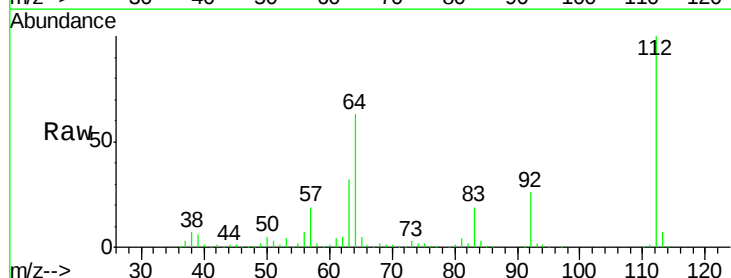
Tgt Ion:112 Resp: 283116

Ion Ratio Lower Upper

112 100

64 63.3 45.5 68.3

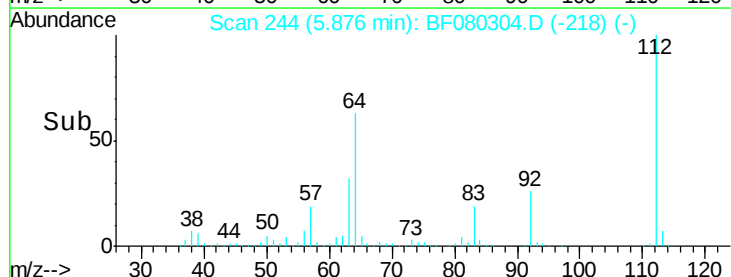
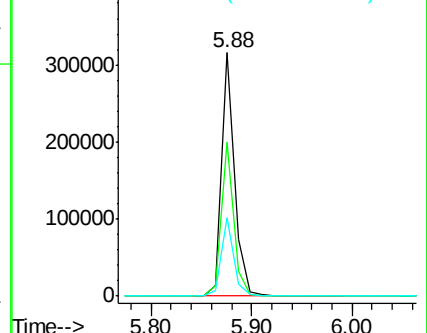
63 32.1 22.4 33.6

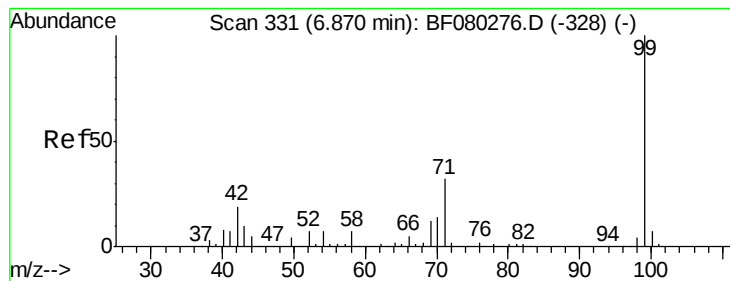


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.96 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080304.D

Acq: 2 Jul 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TEC-B14

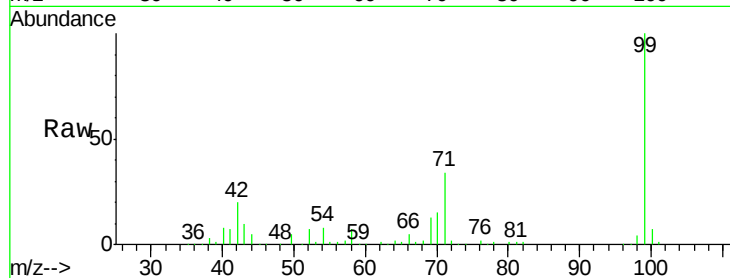
Tgt Ion: 99 Resp: 332727

Ion Ratio Lower Upper

99 100

42 20.1 15.4 23.2

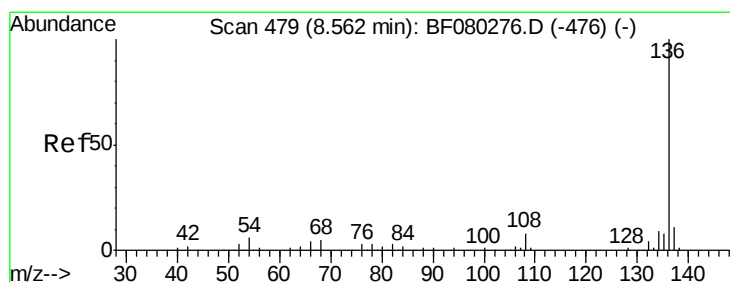
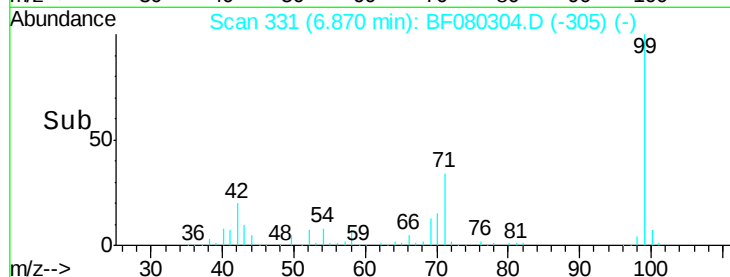
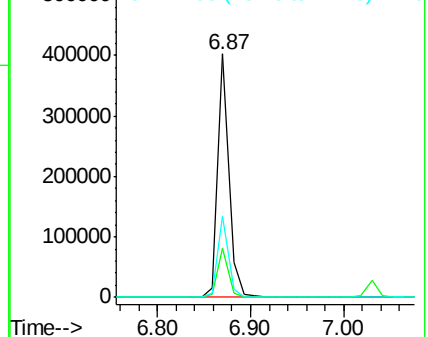
71 33.5 25.8 38.8



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: BF080304.D

Acq: 2 Jul 2015 8:42

Tgt Ion: 136 Resp: 166018

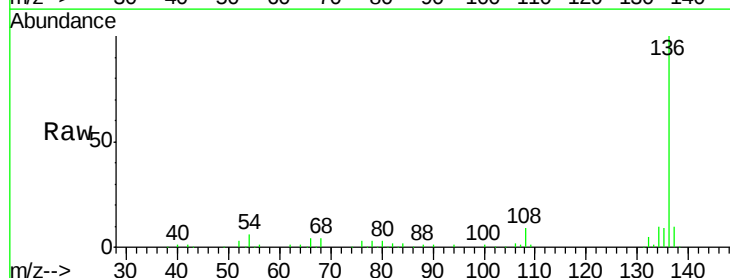
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 5.6 4.9 7.3

68 4.3 4.0 6.0

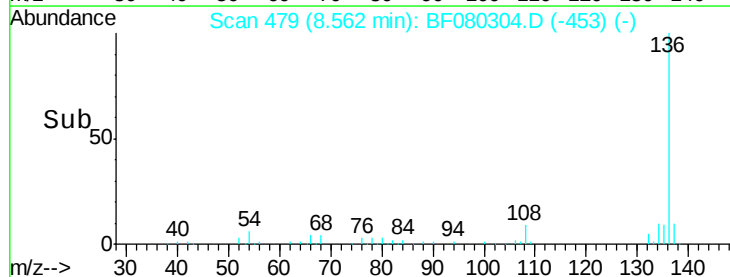
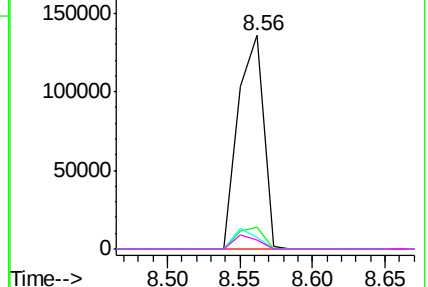


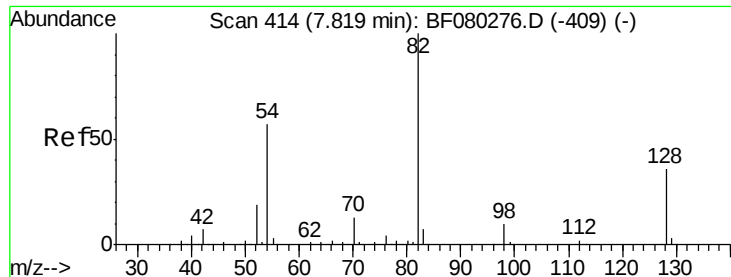
Abundance Ion 136.00 (135.70 to 136.70): E

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

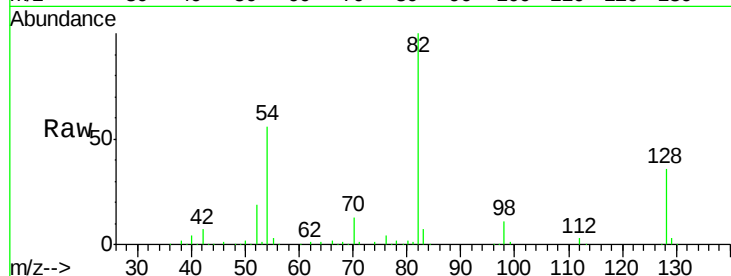




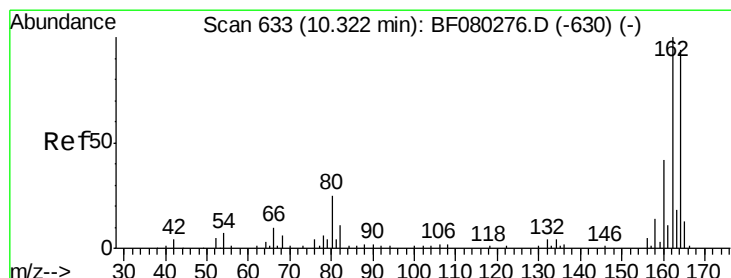
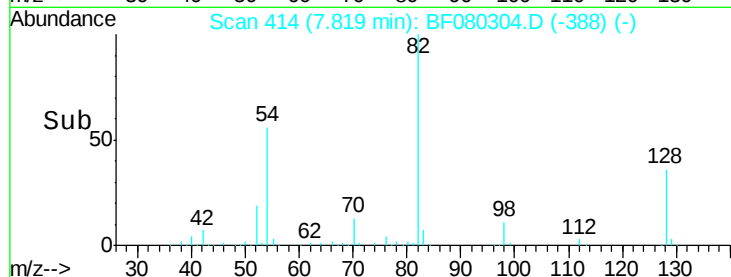
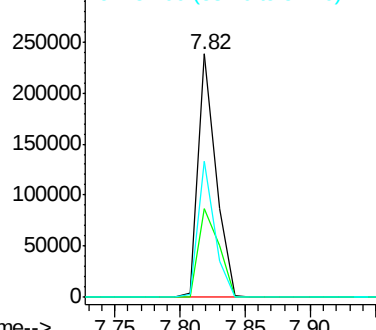
#23
 Nitrobenzene-d5
 Concen: 75.68 ng
 RT: 7.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

Tgt Ion: 82 Resp: 228192
 Ion Ratio Lower Upper
 82 100
 128 36.2 29.0 43.4
 54 55.8 45.3 67.9

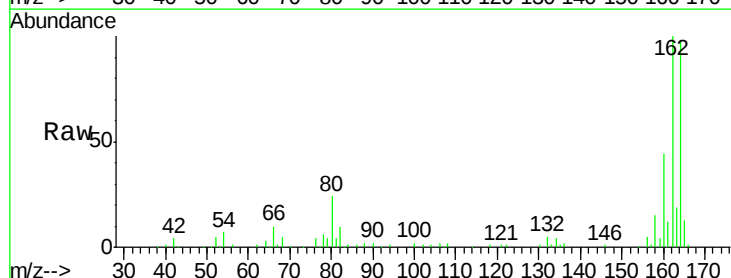


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

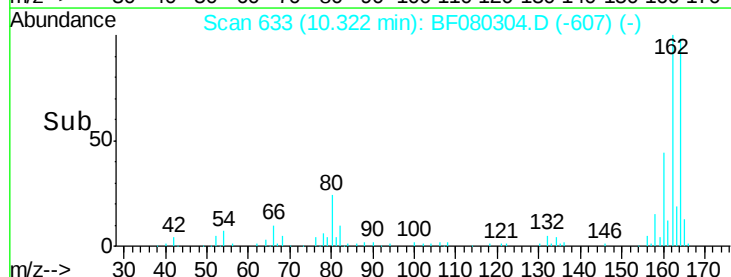
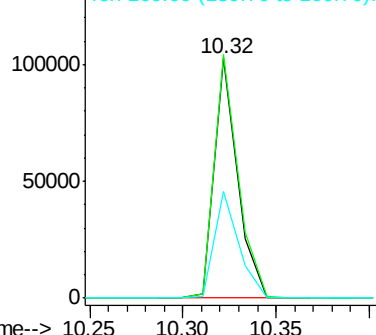


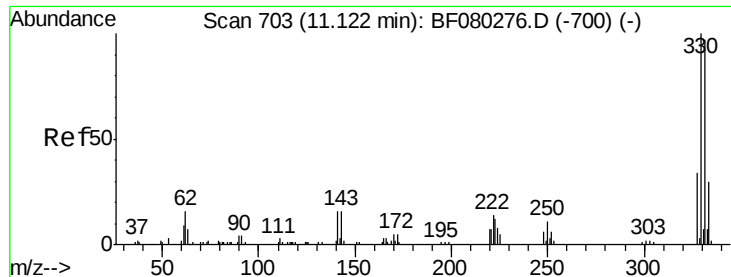
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

Tgt Ion: 164 Resp: 89014
 Ion Ratio Lower Upper
 164 100
 162 101.7 84.8 127.2
 160 44.6 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

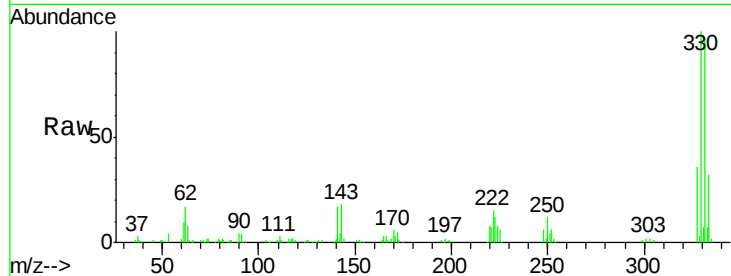




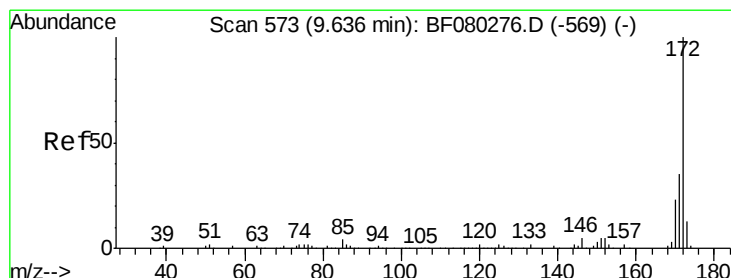
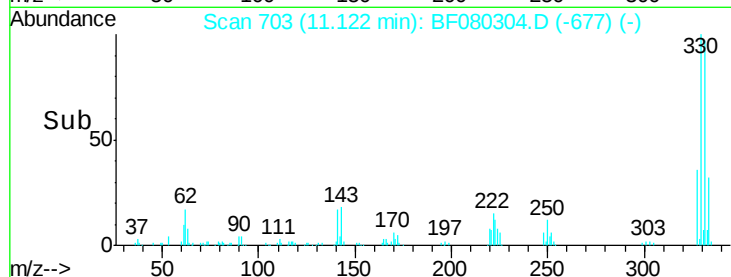
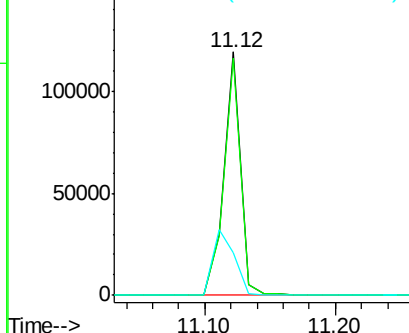
#41
 2,4,6-Tribromophenol
 Concen: 126.47 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

Tgt Ion:330 Resp: 107193
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 34.9 28.0 42.0

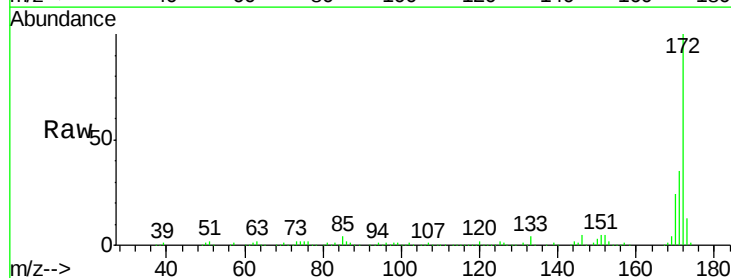


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

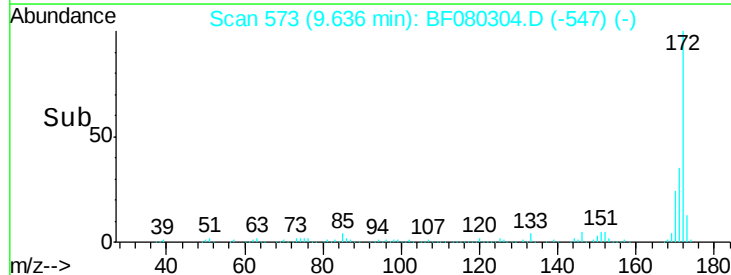
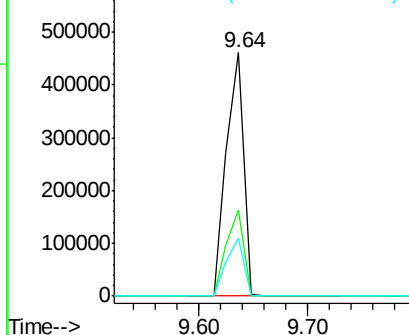


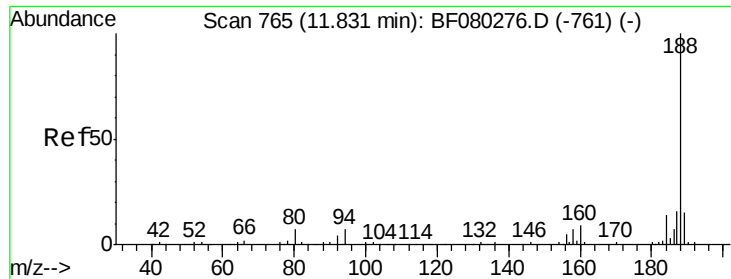
#44
 2-Fluorobiphenyl
 Concen: 81.95 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

Tgt Ion:172 Resp: 506824
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

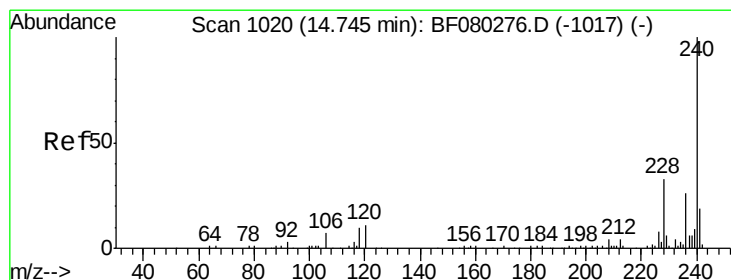
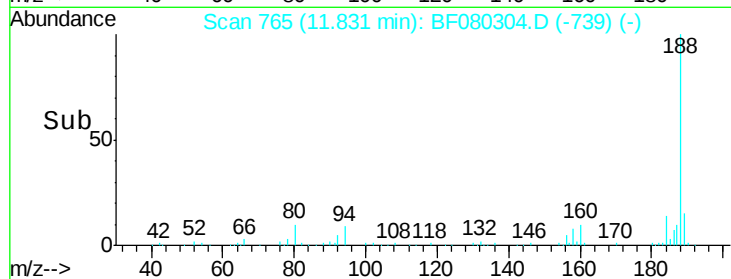
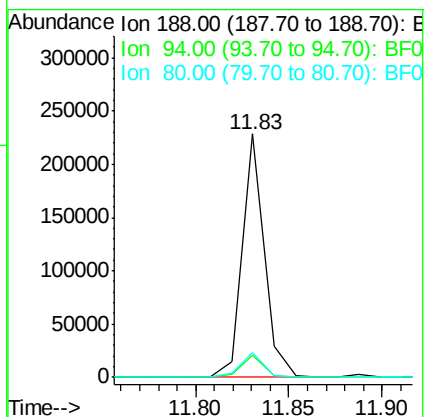
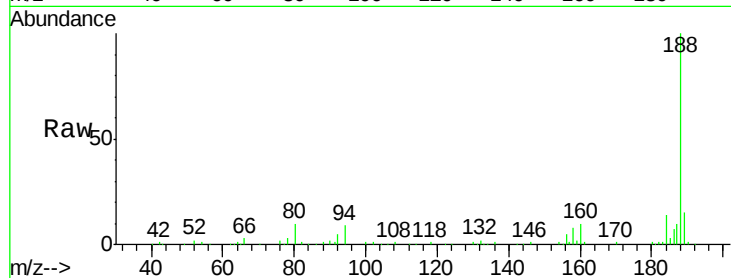




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080304.D
Acq: 2 Jul 2015 8:42

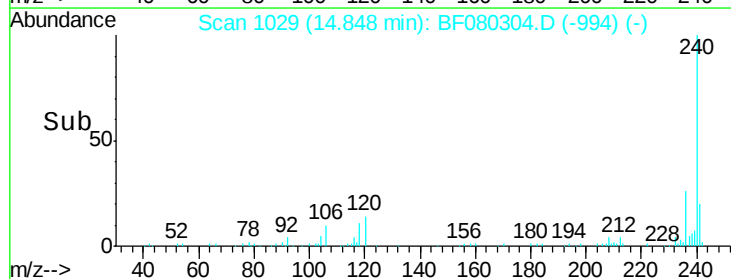
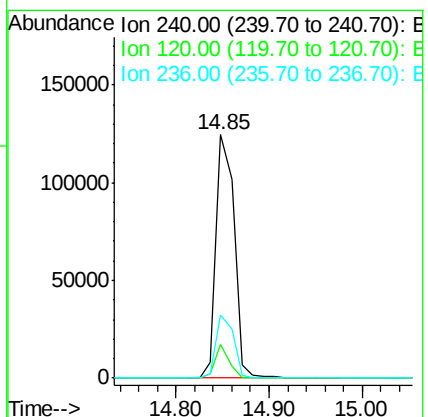
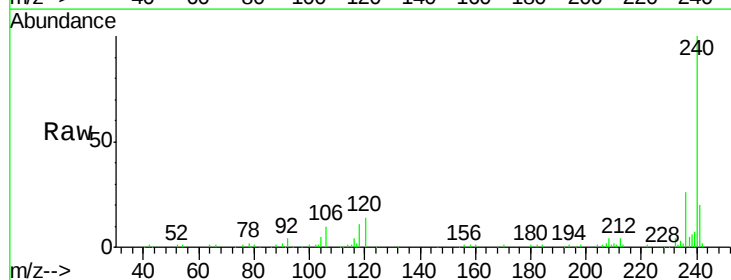
Instrument :
BNA_F
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TEC-B14

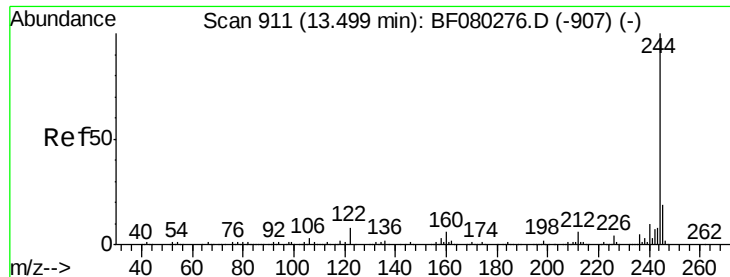
Tgt Ion:188 Resp: 187524
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 10.2 5.8 8.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.85 min Scan# 1029
Delta R.T. 0.10 min
Lab File: BF080304.D
Acq: 2 Jul 2015 8:42

Tgt Ion:240 Resp: 168841
Ion Ratio Lower Upper
240 100
120 13.6 8.7 13.1#
236 26.1 20.9 31.3

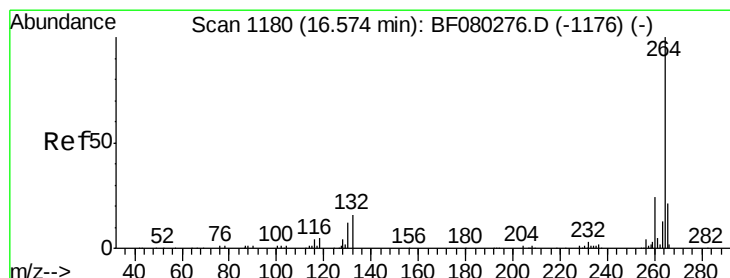
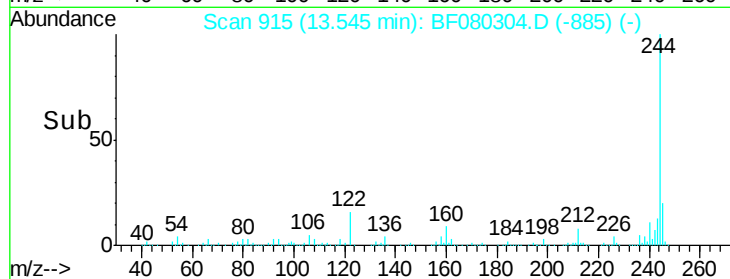
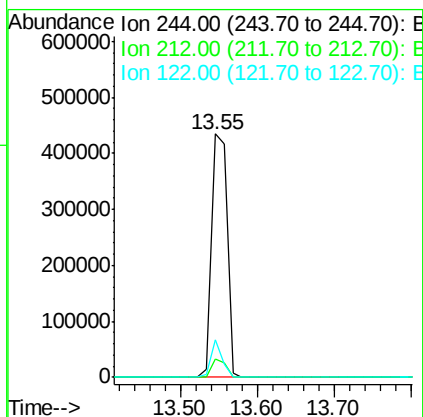
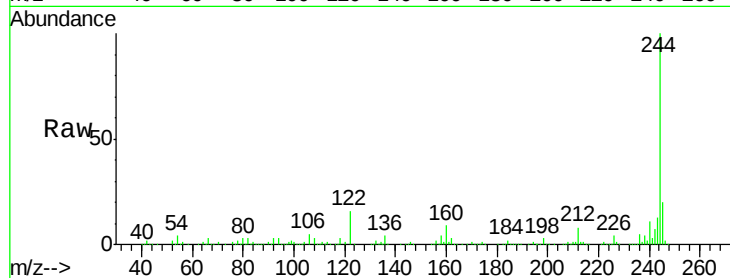




#78
 Terphenyl-d14
 Concen: 83.65 ng
 RT: 13.55 min Scan# 915
 Delta R.T. 0.05 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

Instrument :
 BNA_F
 ClientSampleID :
 TEC-B14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.0	7.6
122	15.6	6.6	9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.76 min Scan# 1196
 Delta R.T. 0.18 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.1	16.9	25.3

