

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 11:56:50 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

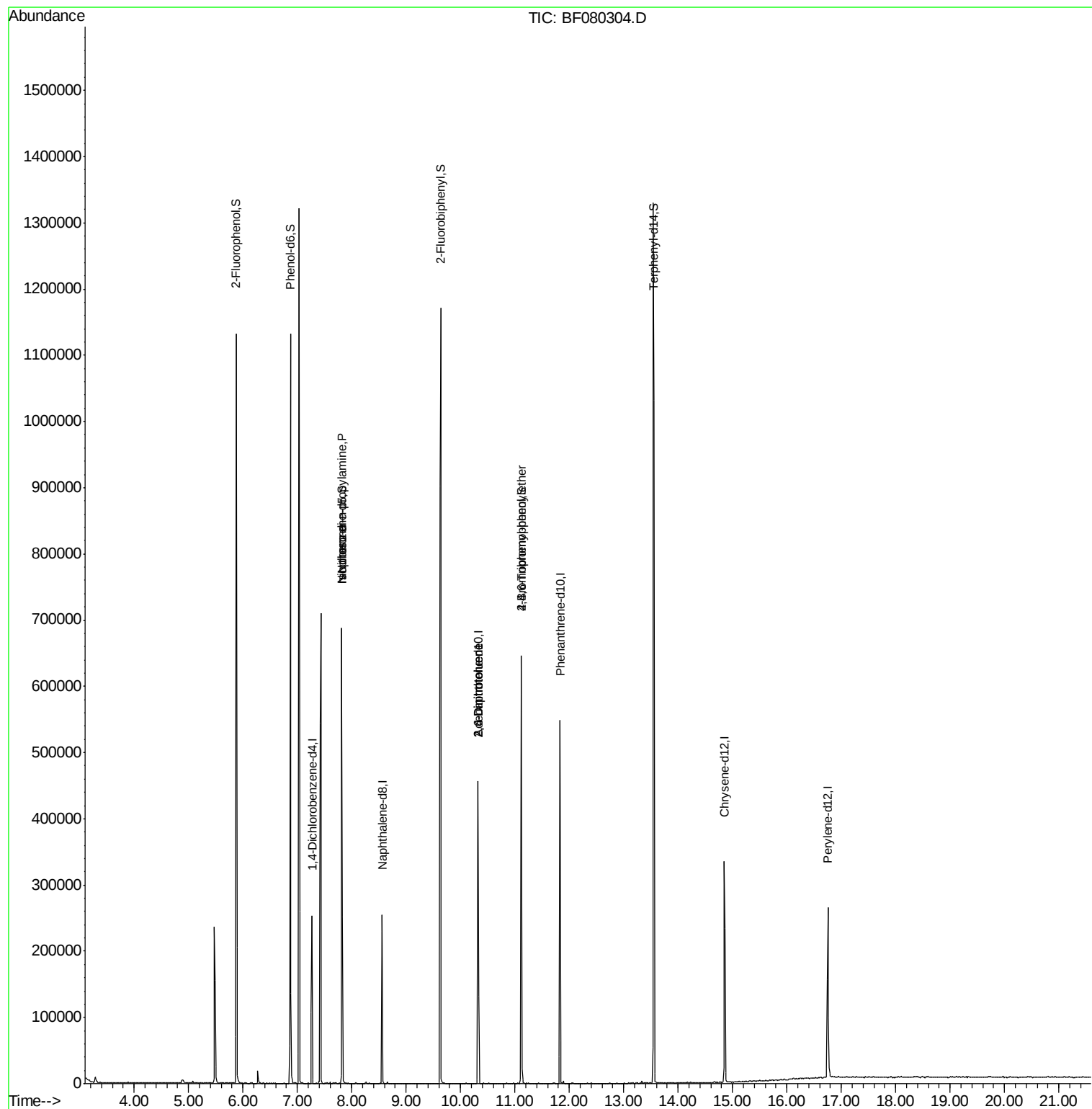
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	43817	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	166018	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	89014	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	187524	20.00	ng	0.00
75) Chrysene-d12	14.85	240	168841	20.00	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						
19) n-Nitroso-di-n-propylamine	7.82	70	29247	12.95	ng	# 83
25) Isophorone	7.82	82	225422	38.47	ng	# 65
50) 2,6-Dinitrotoluene	10.32	165	11434	8.23	ng	# 43
56) 2,4-Dinitrotoluene	10.32	165	11432	6.34	ng	# 19
66) 4-Bromophenyl-phenylether	11.12	248	7104	3.51	ng	# 1

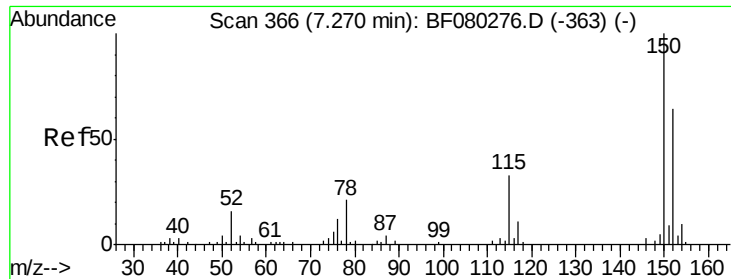
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070115\
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Quant Time: Jul 02 11:56:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
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QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration





#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

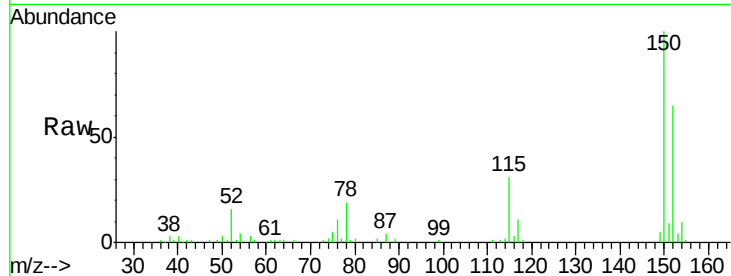
Tgt Ion:152 Resp: 43817

Ion Ratio Lower Upper

152 100

150 154.3 124.7 187.1

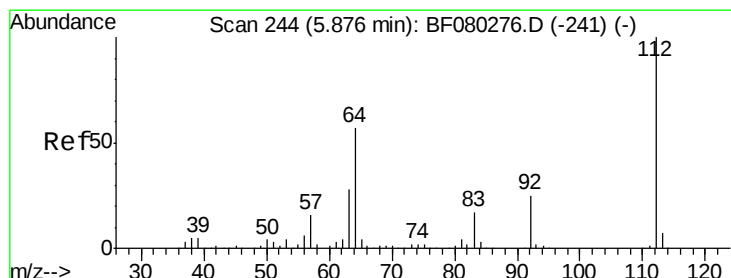
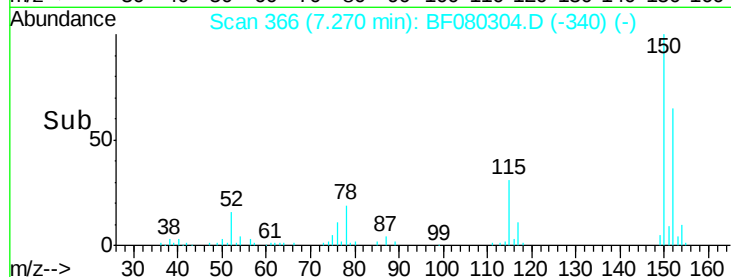
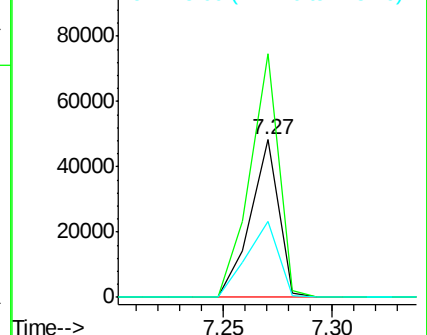
115 48.4 41.0 61.6



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

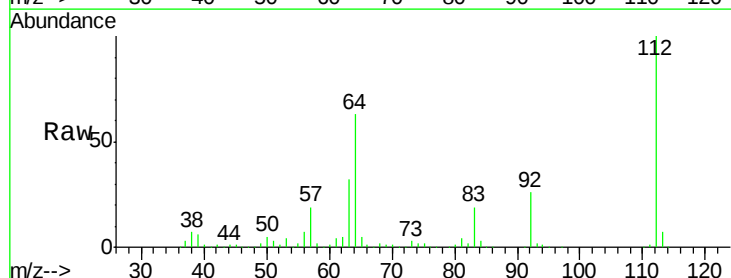
Tgt Ion:112 Resp: 283116

Ion Ratio Lower Upper

112 100

64 63.3 45.5 68.3

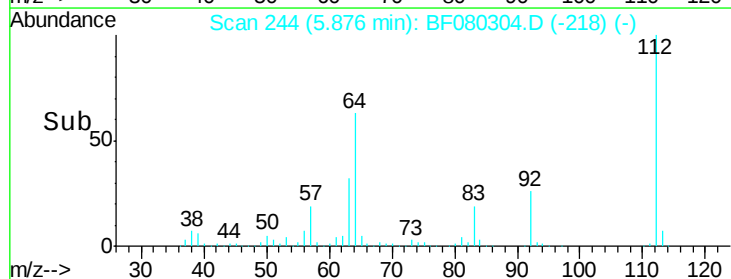
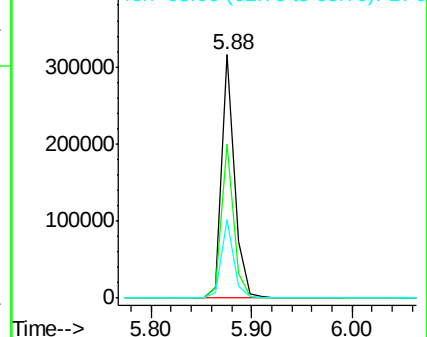
63 32.1 22.4 33.6

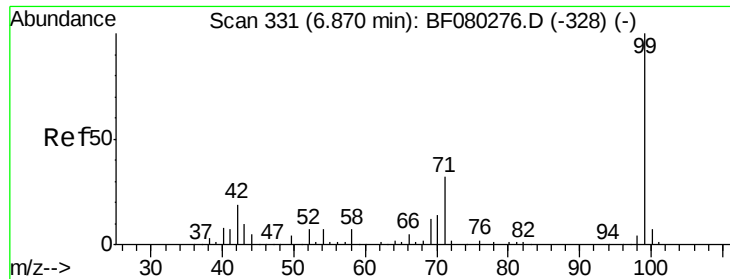


Abundance Ion 112.00 (111.70 to 112.70): E

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

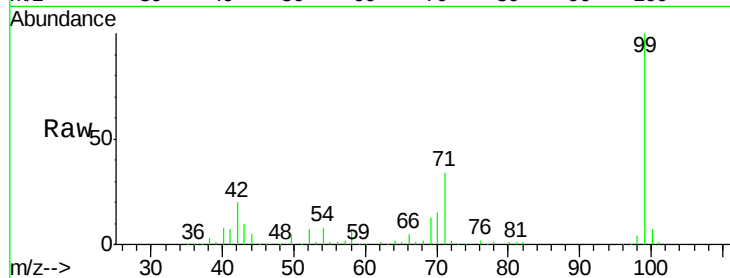
Tgt Ion: 99 Resp: 332727

Ion Ratio Lower Upper

99 100

42 20.1 15.4 23.2

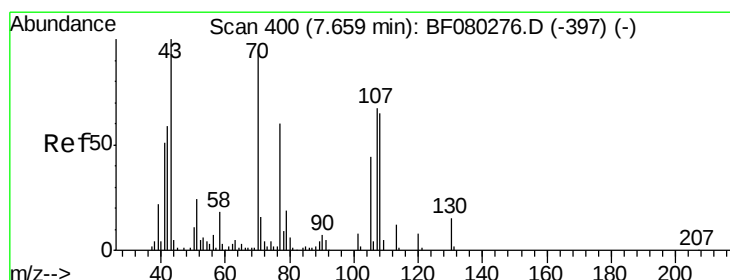
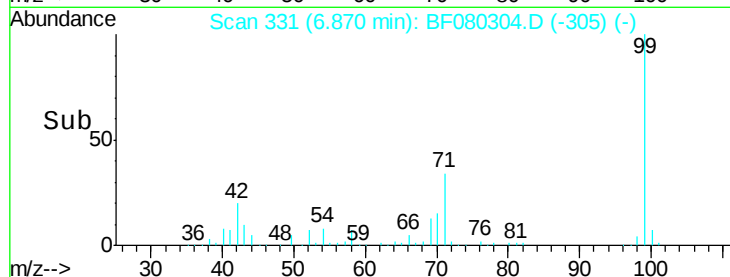
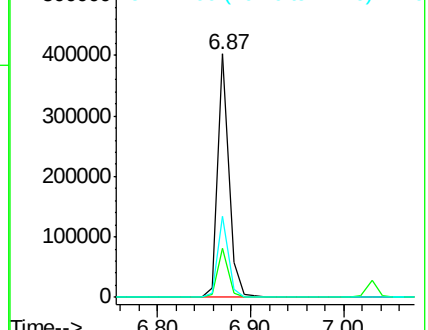
71 33.5 25.8 38.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.95 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080304.D

Acq: 2 Jul 2015 8:42

Tgt Ion: 70 Resp: 29247

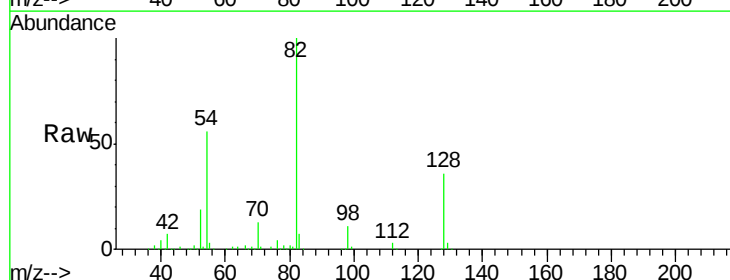
Ion Ratio Lower Upper

70 100

42 53.9 49.8 74.8

101 0.0 6.8 10.2#

130 1.4 13.0 19.4#

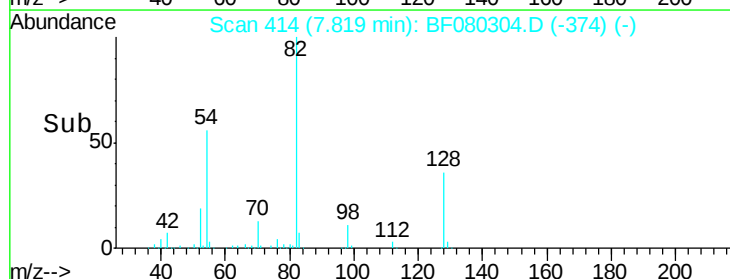
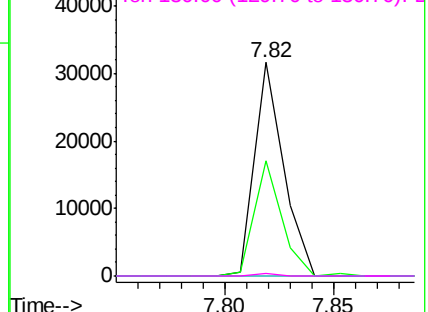


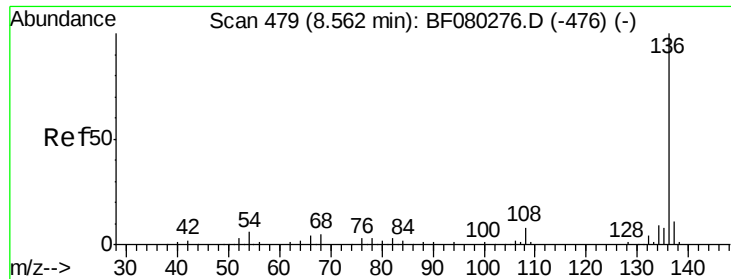
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

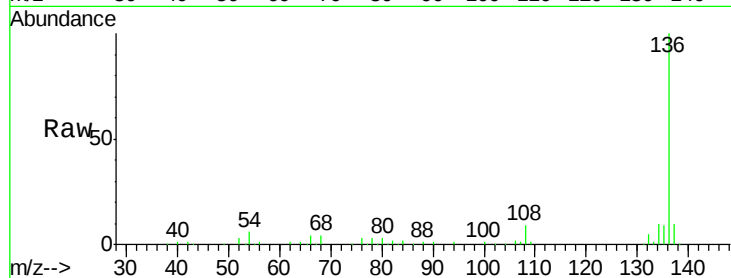




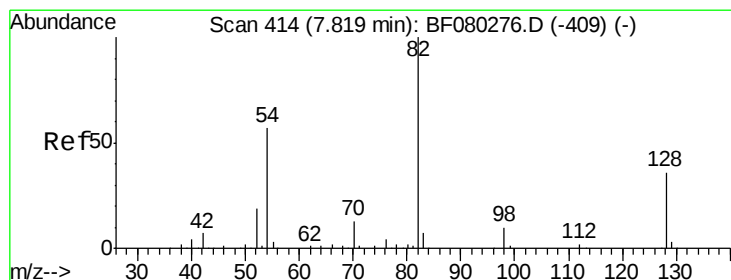
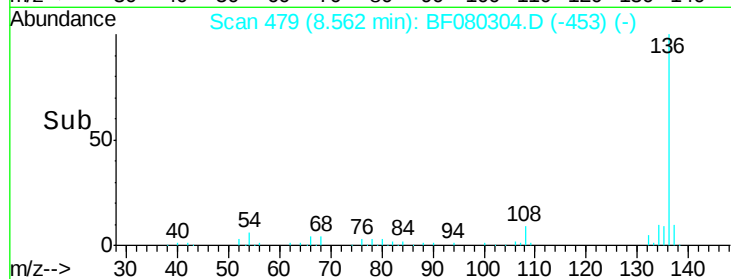
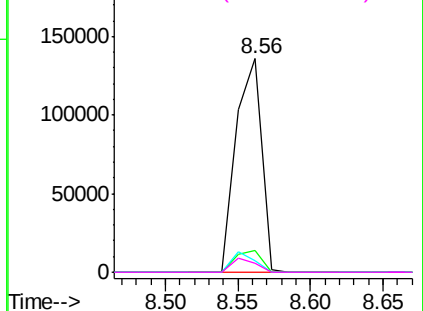
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080304.D
Acq: 2 Jul 2015 8:42

Instrument :
BNA_F
ClientSampleId :
TEC-B14

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

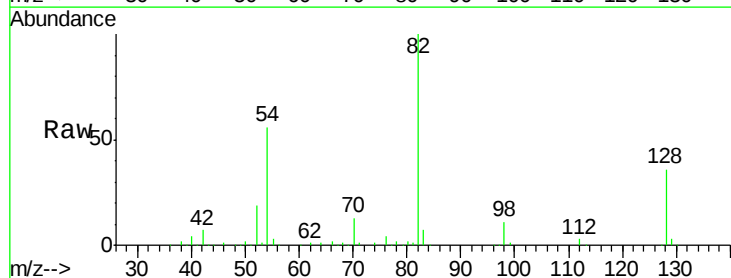


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

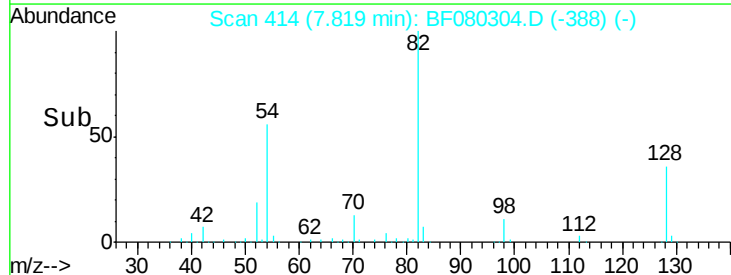
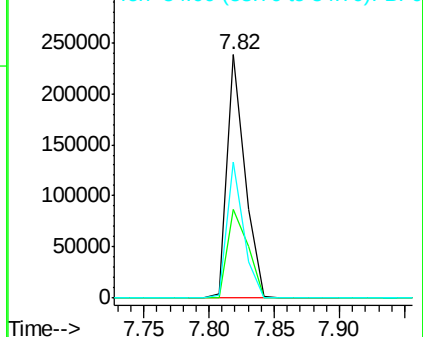


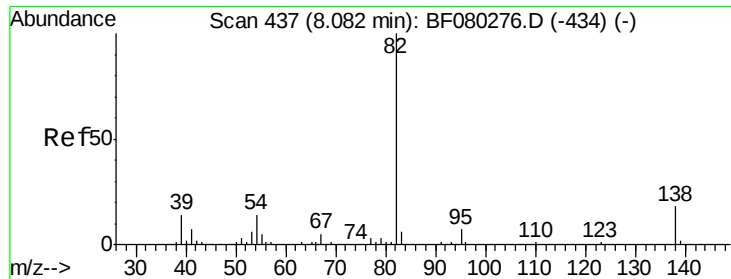
#23
Nitrobenzene-d5
Concen: 75.68 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080304.D
Acq: 2 Jul 2015 8:42

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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.47 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.26 min

Lab File: BF080304.D

Acq: 2 Jul 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TEC-B14

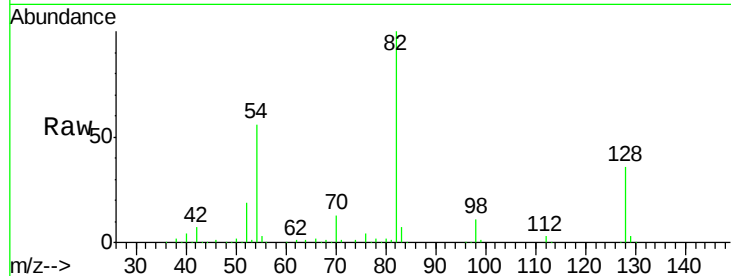
Tgt Ion: 82 Resp: 225422

Ion Ratio Lower Upper

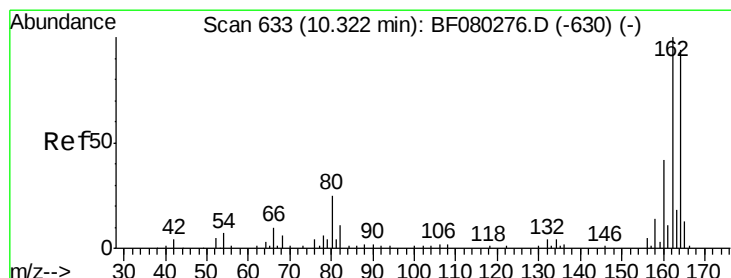
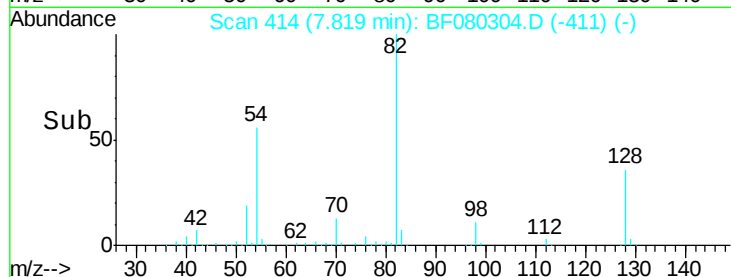
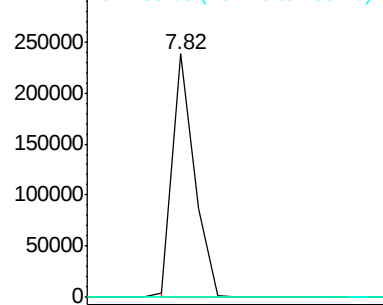
82 100

95 0.0 5.3 7.9#

138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#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

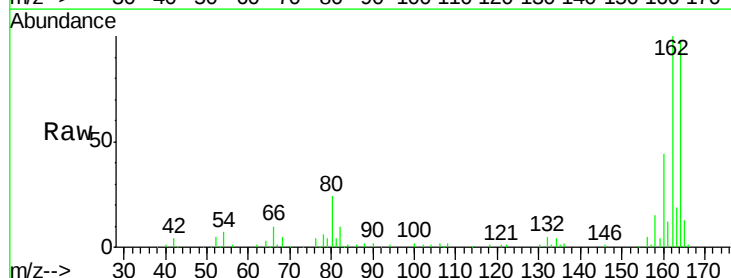
Tgt Ion: 164 Resp: 89014

Ion Ratio Lower Upper

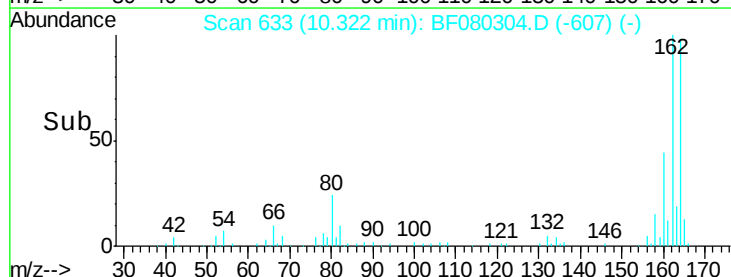
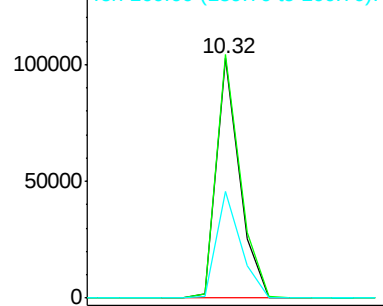
164 100

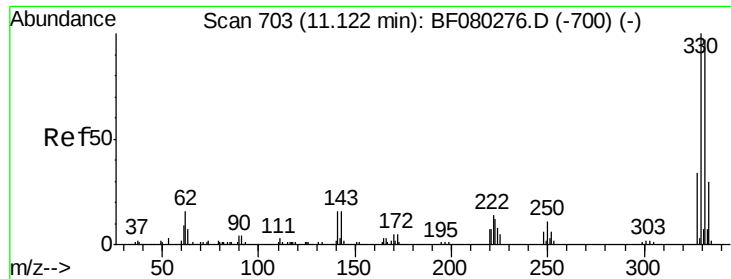
162 101.7 84.8 127.2

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

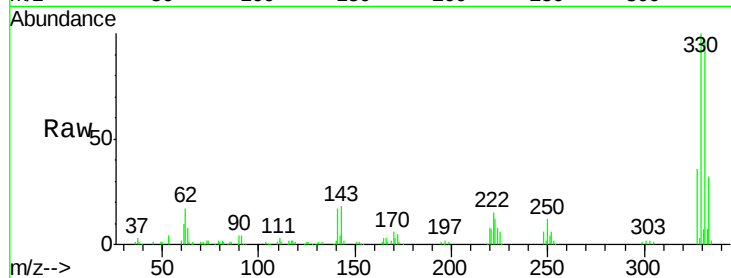




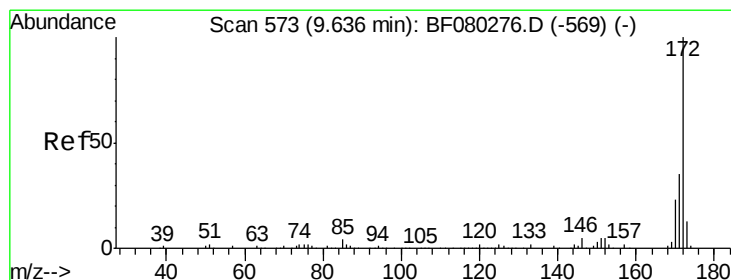
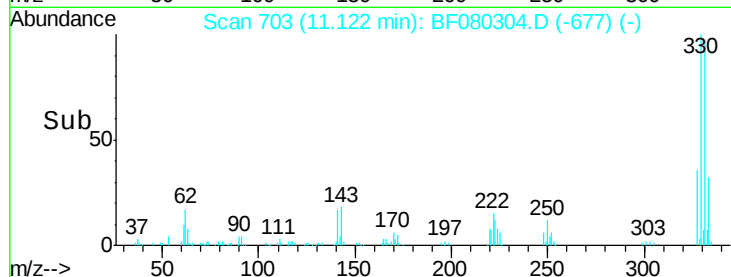
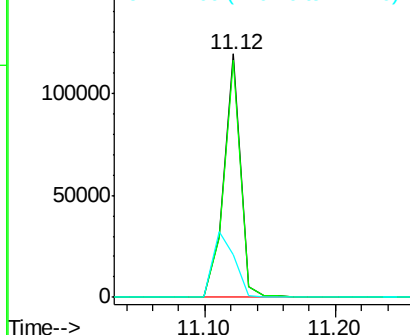
#41
 2,4,6-Tribromophenol
 Concen: 126.47 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

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

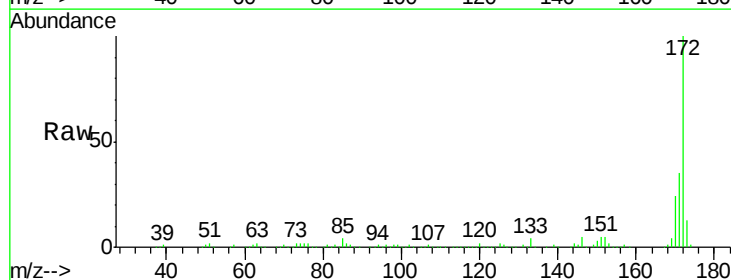


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

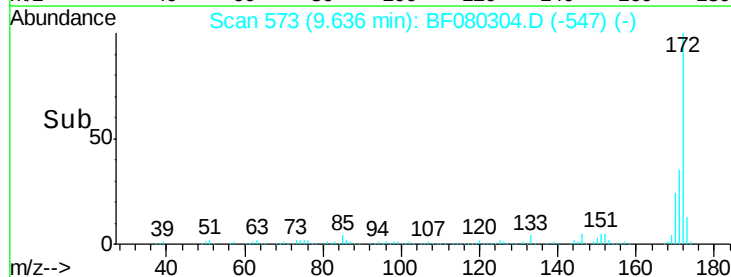
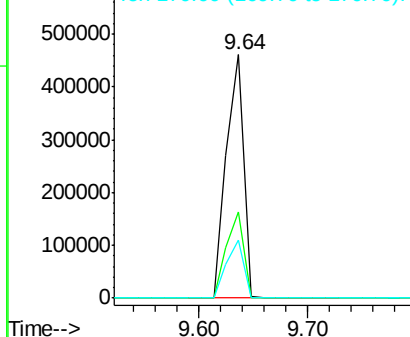


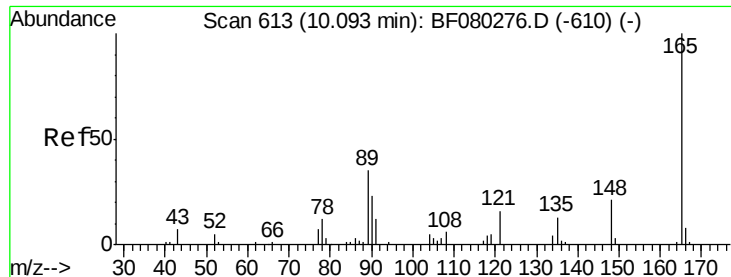
#44
 2-Fluorobiphenyl
 Concen: 81.95 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

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

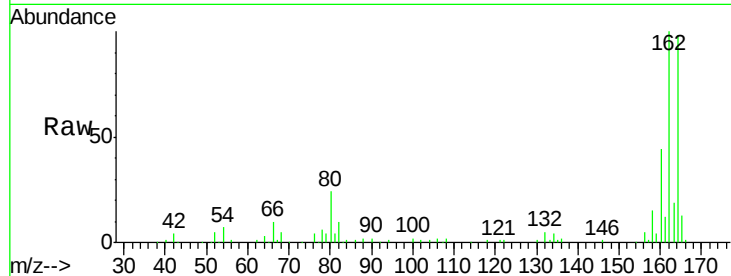




#50
 2,6-Dinitrotoluene
 Concen: 8.23 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.23 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B14

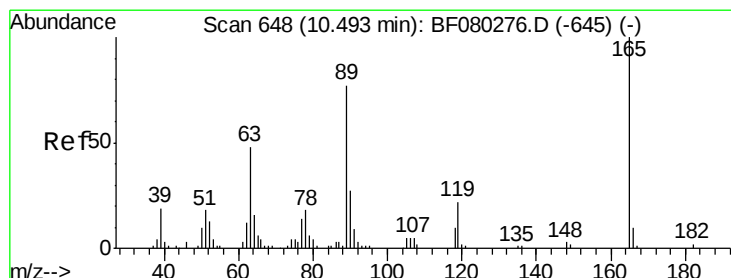
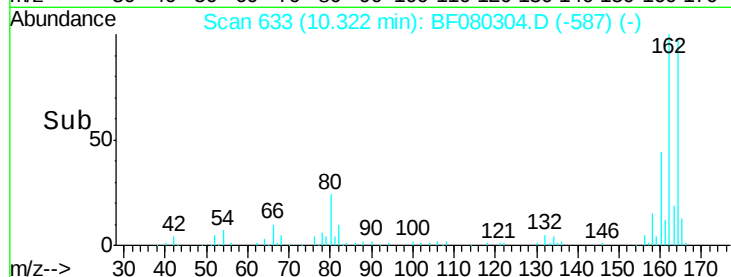
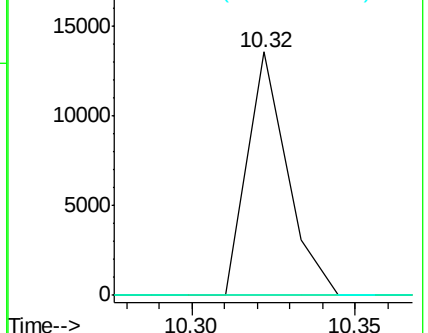
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	23.4	35.0#
89	0.0	27.7	41.5#



Abundance Ion 165.00 (164.70 to 165.70): E

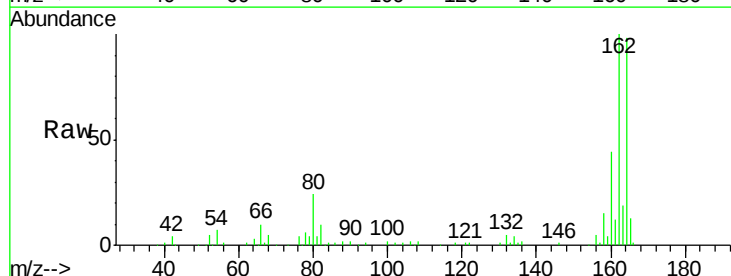
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 10.32 min Scan# 633
 Delta R.T. -0.17 min
 Lab File: BF080304.D
 Acq: 2 Jul 2015 8:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	0.0	62.0	93.0#
182	0.0	1.8	2.8#

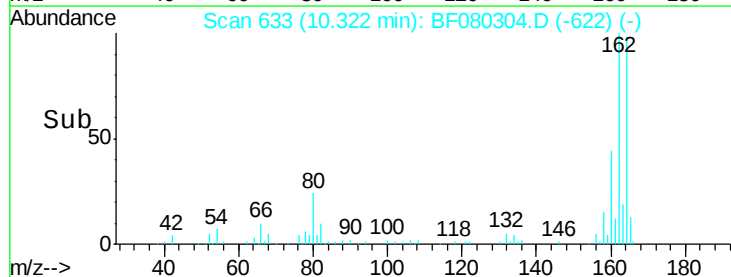
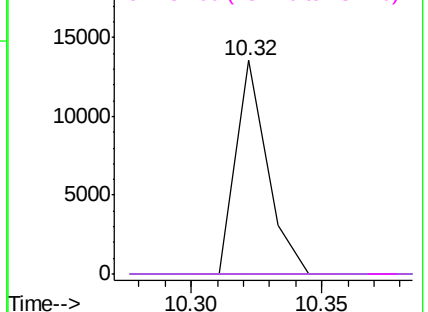


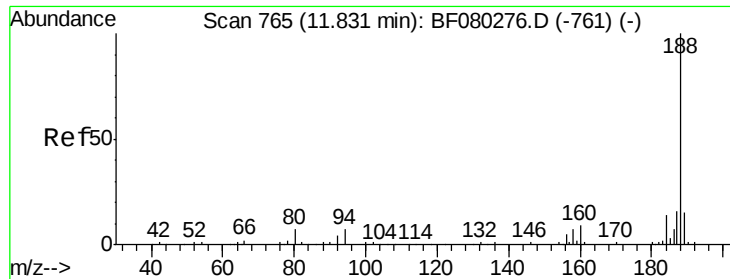
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

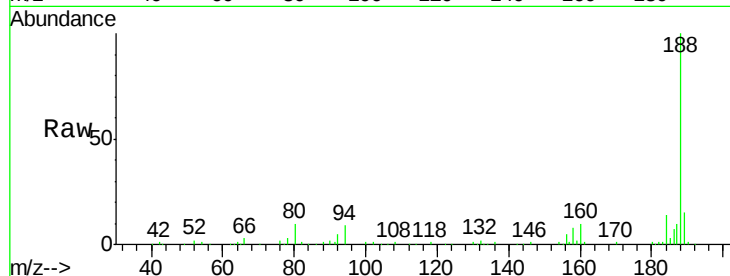




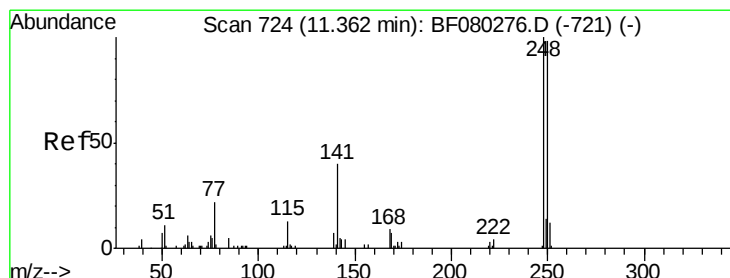
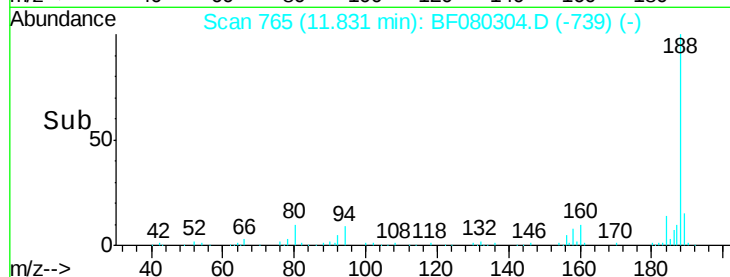
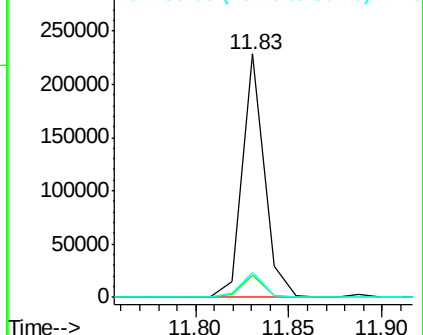
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080304.D
Acq: 2 Jul 2015 8:42

Instrument :
BNA_F
ClientSampleId :
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#

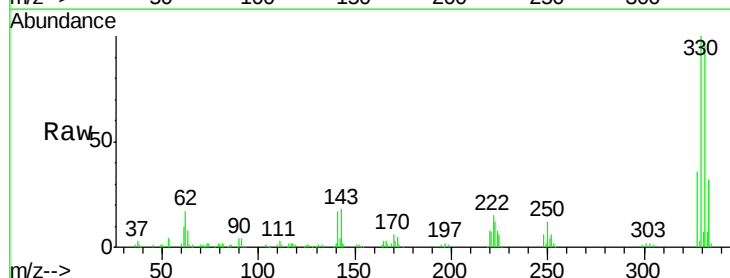


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

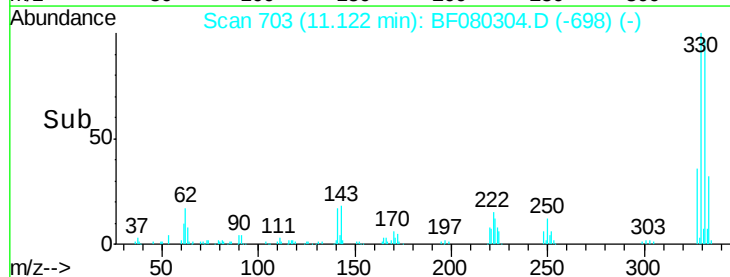
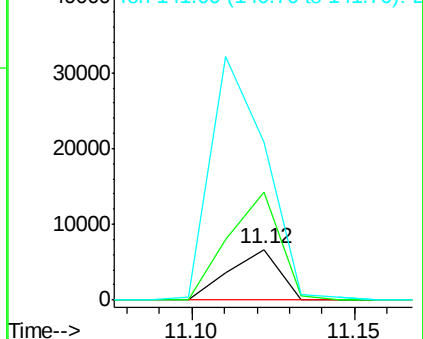


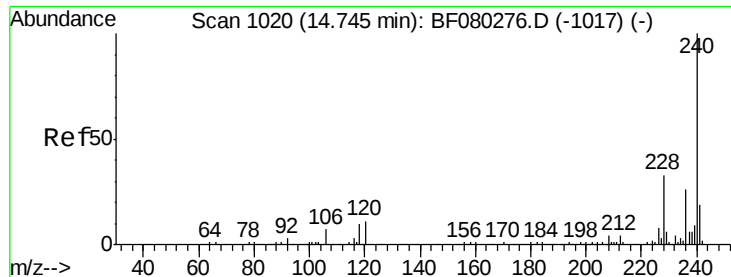
#66
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 11.12 min Scan# 703
Delta R.T. -0.24 min
Lab File: BF080304.D
Acq: 2 Jul 2015 8:42

Tgt Ion:248 Resp: 7104
Ion Ratio Lower Upper
248 100
250 212.5 78.2 117.4#
141 311.7 31.9 47.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_F

ClientSampleId :

TEC-B14

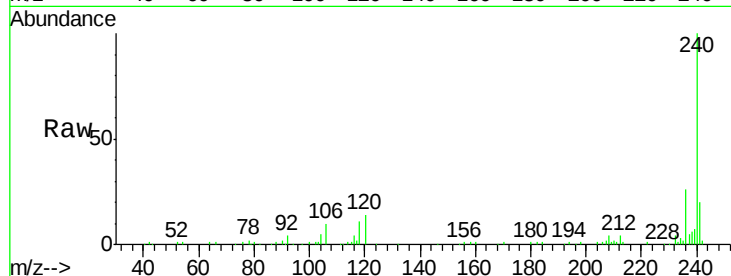
Tgt Ion:240 Resp: 168841

Ion Ratio Lower Upper

240 100

120 13.6 8.7 13.1#

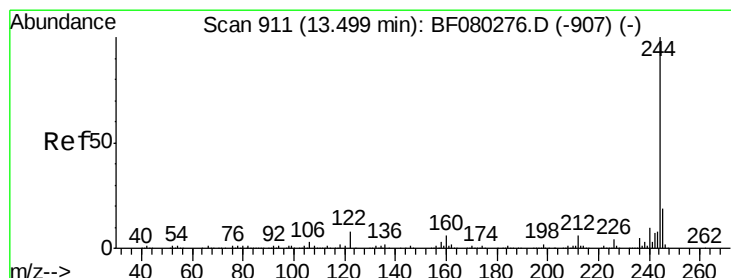
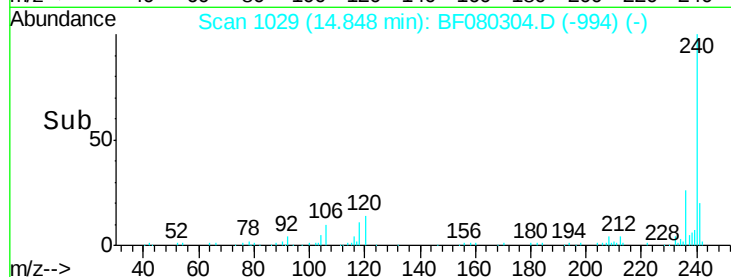
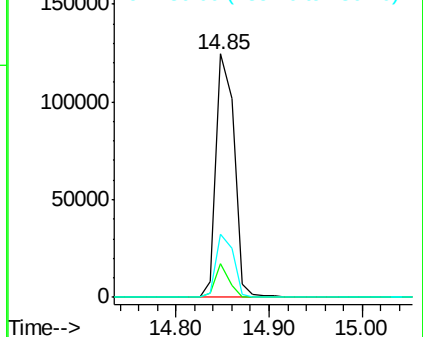
236 26.1 20.9 31.3



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: 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

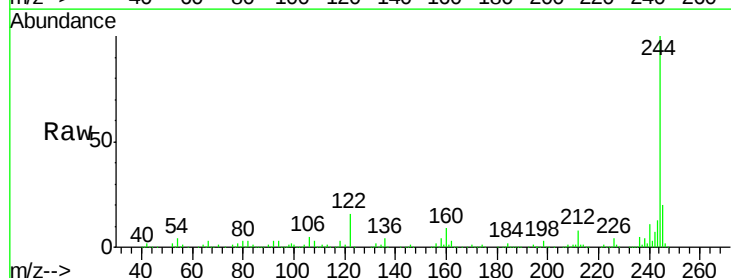
Tgt Ion:244 Resp: 602961

Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.6

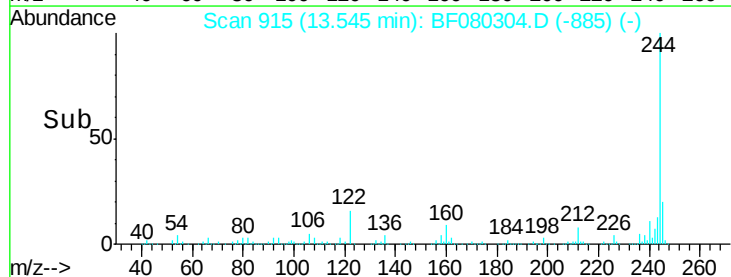
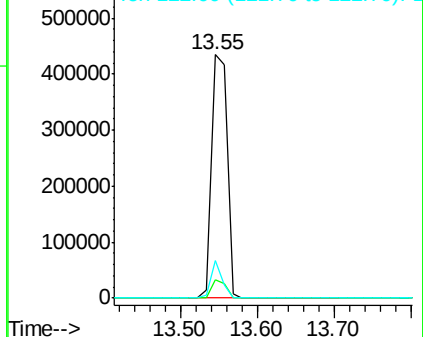
122 15.6 6.6 9.8#

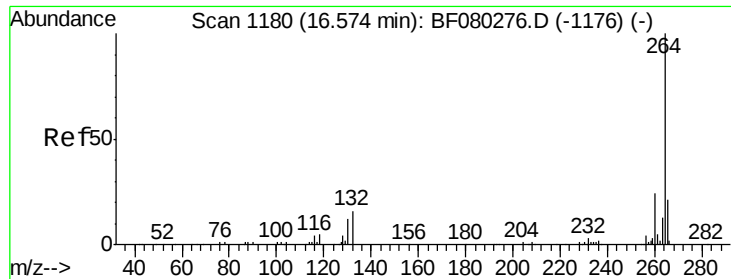


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

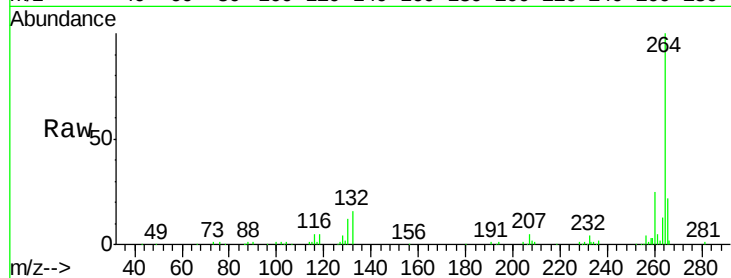




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.76 min Scan# 1196
Delta R.T. 0.18 min
Lab File: BF080304.D
Acq: 2 Jul 2015 8:42

Instrument :
BNA_F
ClientSampleId :
TEC-B14

Tgt Ion: 264 Resp: 147672
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 22.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

