

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080354.D
 Acq On : 6 Jul 2015 19:52
 Operator : TP/IZ
 Sample : PB84373BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BL

Quant Time: Jul 07 03:55:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

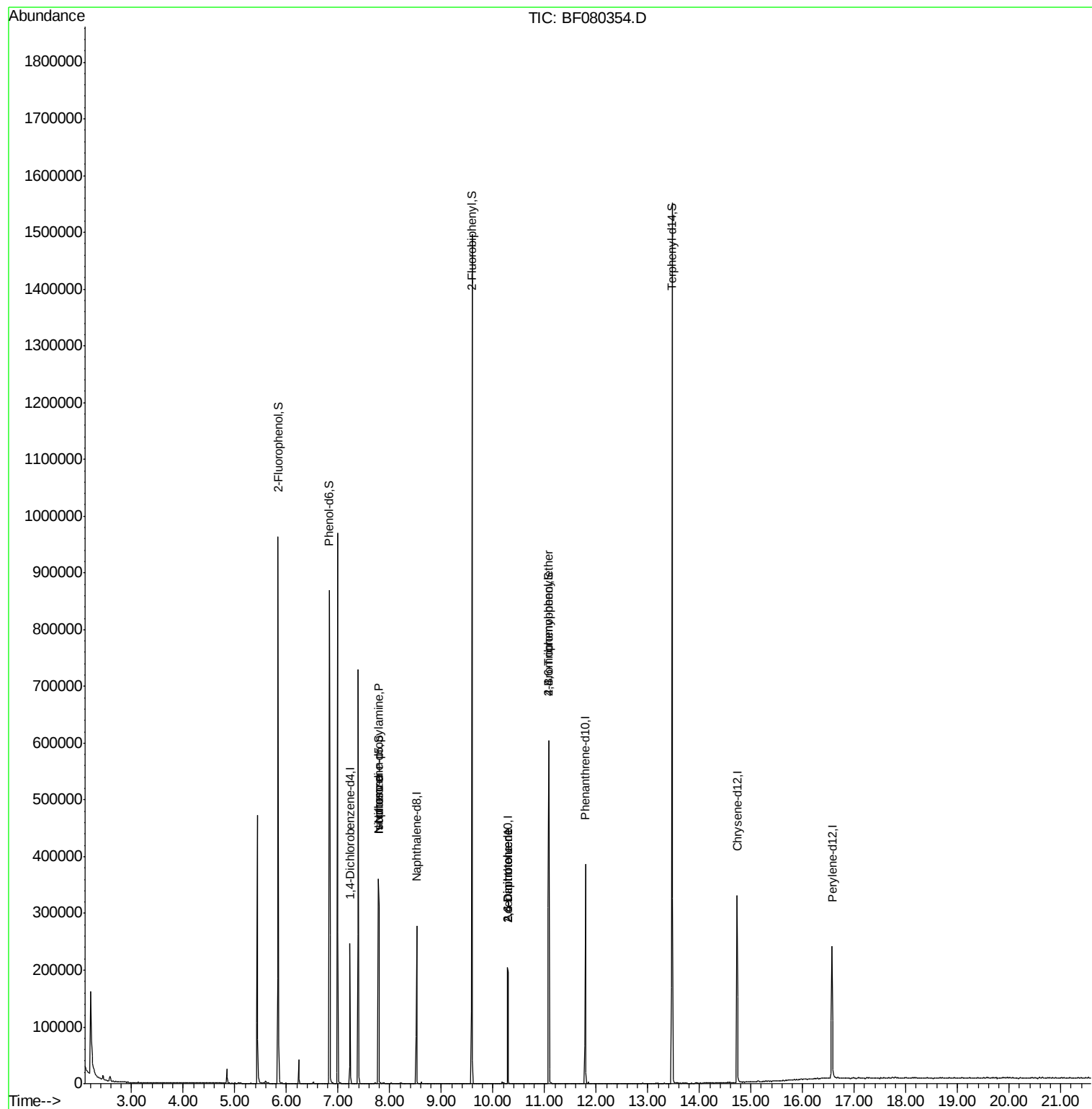
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	34572	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	125787	20.00	ng	0.00
38) Acenaphthene-d10	10.28	164	60893	20.00	ng	-0.01
63) Phenanthrene-d10	11.79	188	137429	20.00	ng	0.00
75) Chrysene-d12	14.73	240	145860	20.00	ng	-0.01
86) Perylene-d12	16.57	264	130713	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	243809	129.16	ng	0.00
7) Phenol-d6	6.83	99	288557	115.32	ng	0.00
23) Nitrobenzene-d5	7.78	82	160619	74.48	ng	-0.01
41) 2,4,6-Tribromophenol	11.08	330	81486	127.89	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	408895	90.62	ng	0.00
78) Terphenyl-d14	13.47	244	507156	81.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.78	70	19964	12.30	ng	# 77
25) Isophorone	7.78	82	160253	38.61	ng	# 69
50) 2,6-Dinitrotoluene	10.28	165	7505	7.34	ng	# 23
56) 2,4-Dinitrotoluene	10.28	165	7506	5.71	ng	# 35
66) 4-Bromophenyl-phenylether	11.08	248	5630	3.58	ng	# 1

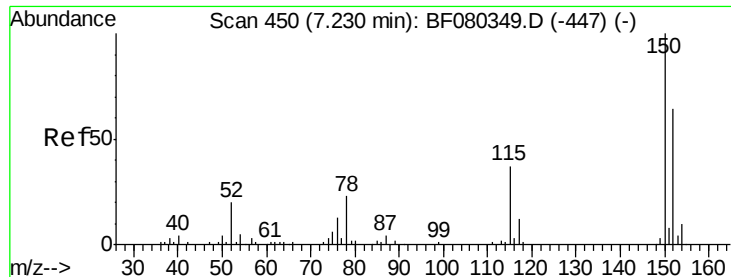
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 03:05:40 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

PB84373BL

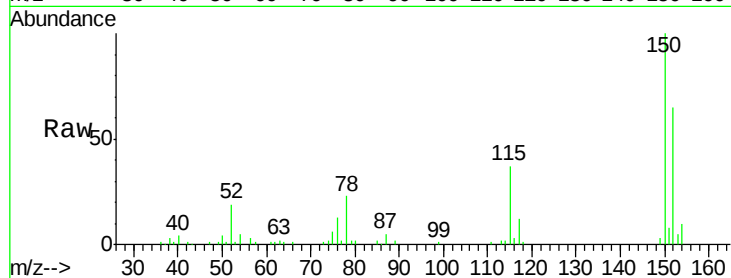
Tgt Ion:152 Resp: 34572

Ion Ratio Lower Upper

152 100

150 153.8 124.7 187.1

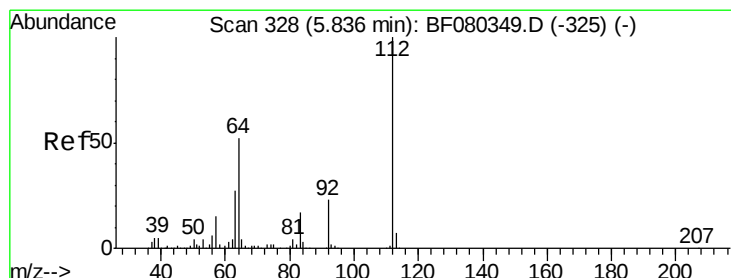
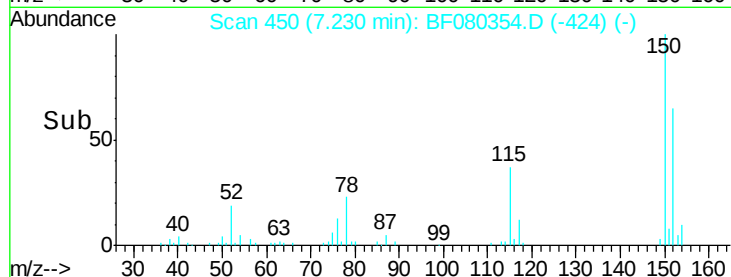
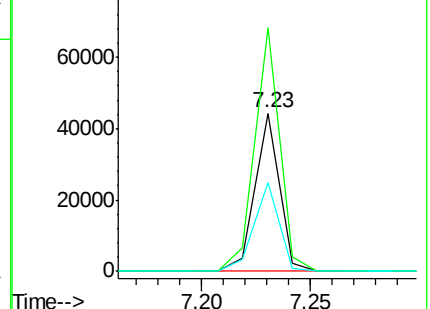
115 56.4 45.7 68.5



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: 129.16 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

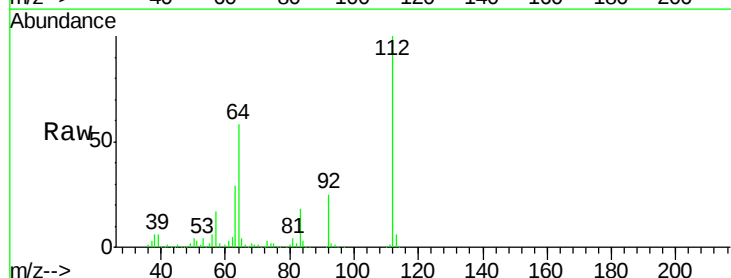
Tgt Ion:112 Resp: 243809

Ion Ratio Lower Upper

112 100

64 57.6 41.8 62.6

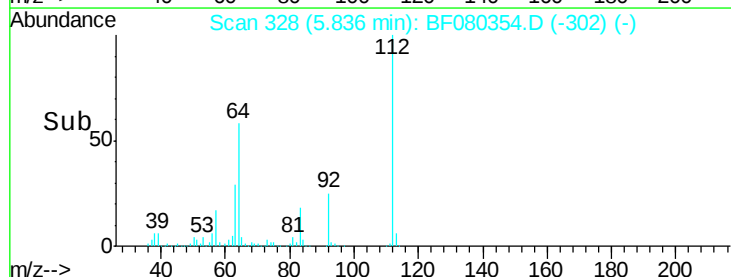
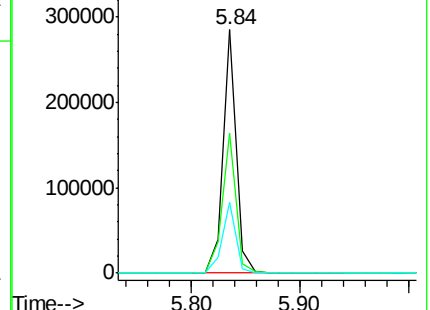
63 29.2 21.5 32.3

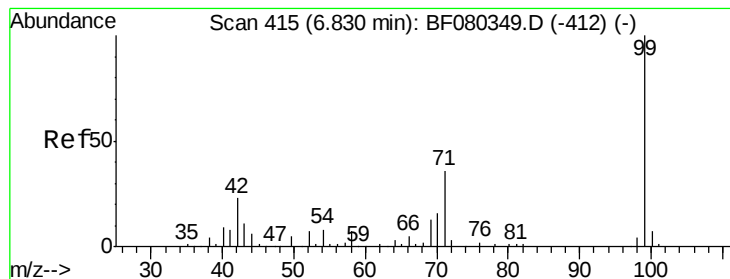


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.32 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

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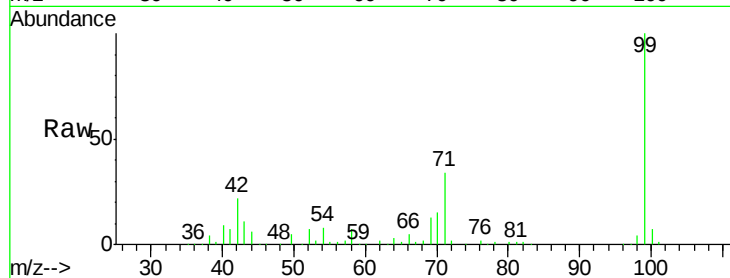
Tgt Ion: 99 Resp: 288557

Ion Ratio Lower Upper

99 100

42 22.4 18.5 27.7

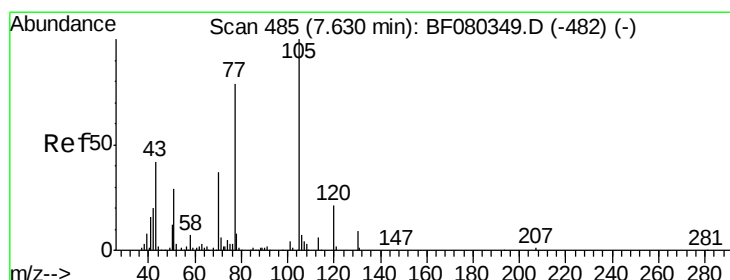
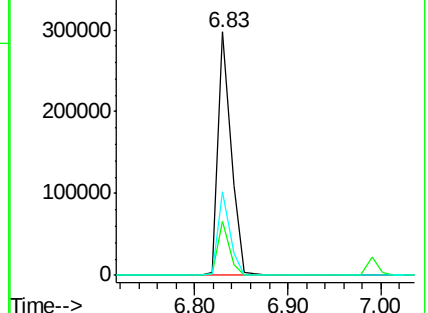
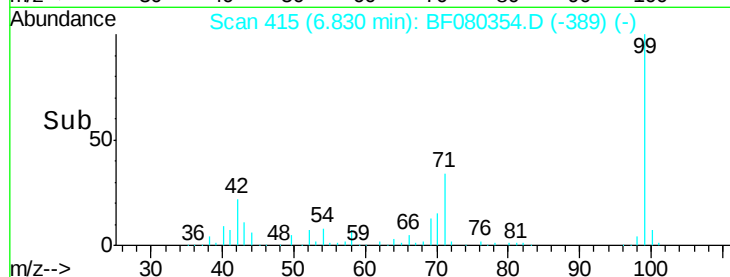
71 34.2 28.5 42.7



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: 12.30 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.15 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

Tgt Ion: 70 Resp: 19964

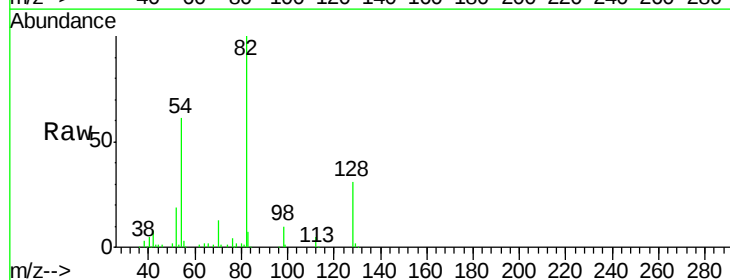
Ion Ratio Lower Upper

70 100

42 61.8 43.0 64.6

101 0.0 8.3 12.5#

130 2.1 20.2 30.2#

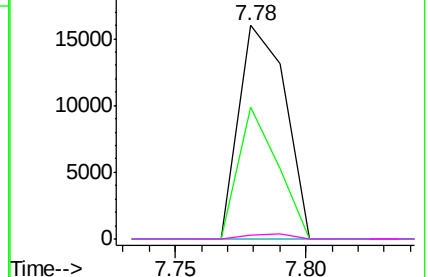
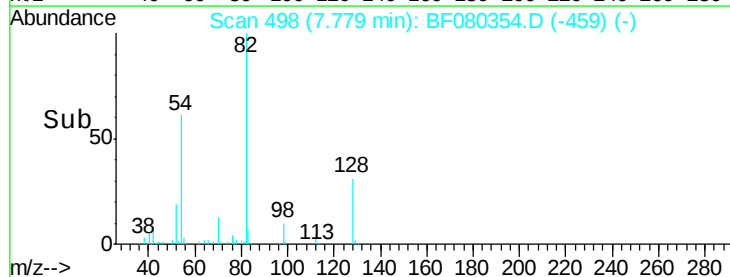


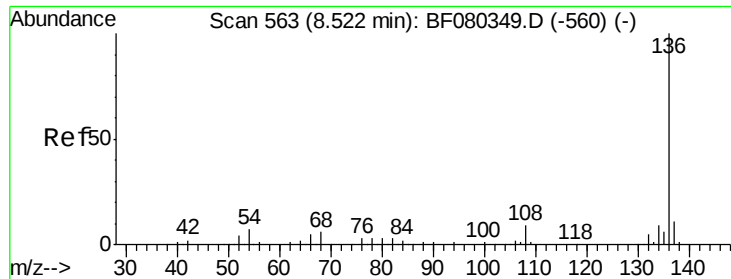
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

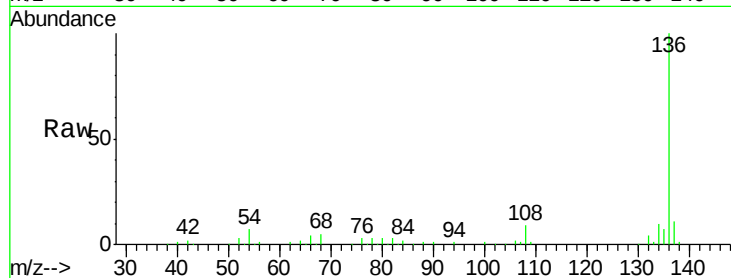




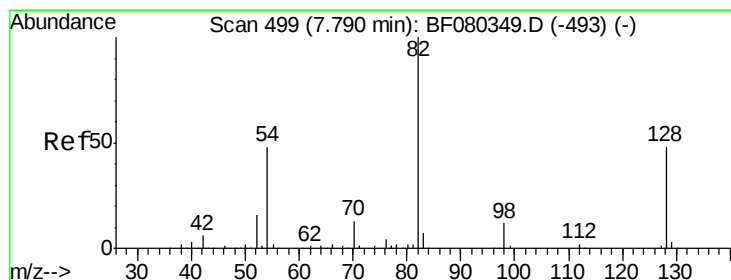
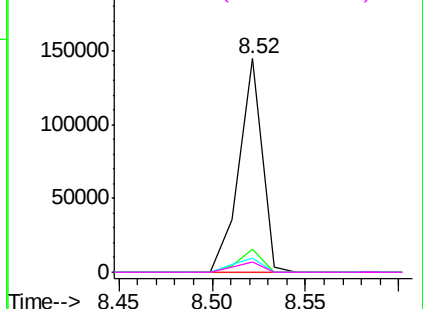
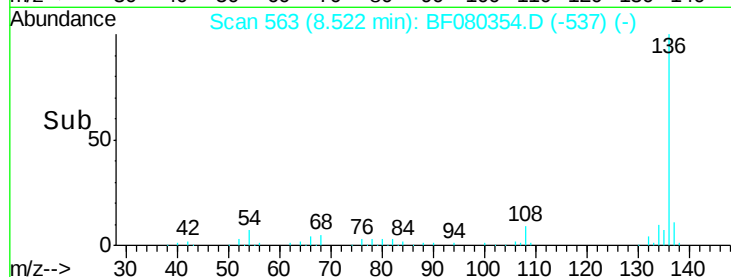
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080354.D
Acq: 6 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84373BL

Tgt Ion:	136	Resp:	125787
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.6	5.8	8.8
68	4.8	4.6	6.8

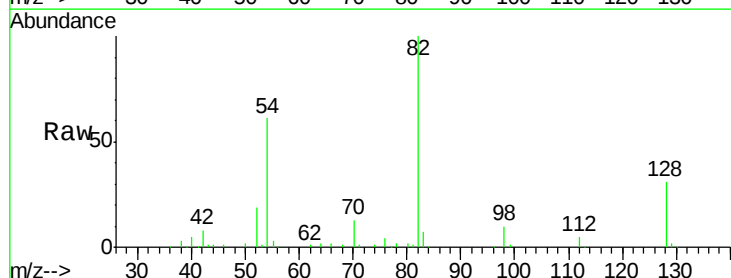


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

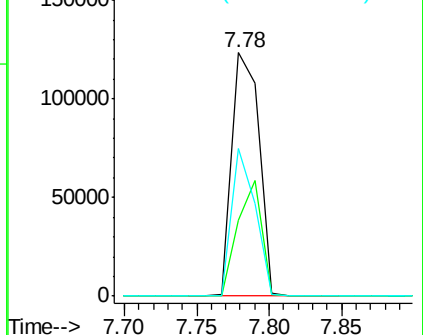
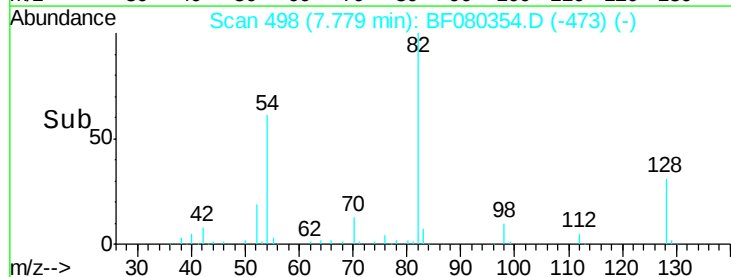


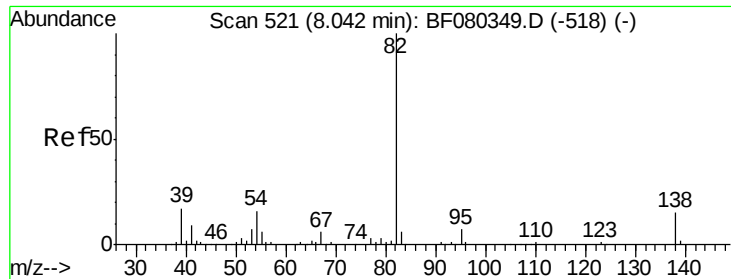
#23
Nitrobenzene-d5
Concen: 74.48 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF080354.D
Acq: 6 Jul 2015 19:52

Tgt Ion:	82	Resp:	160619
Ion	Ratio	Lower	Upper
82	100		
128	31.3	38.4	57.6#
54	60.8	38.2	57.2#



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

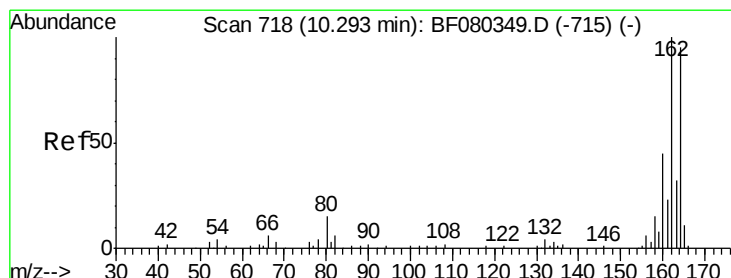
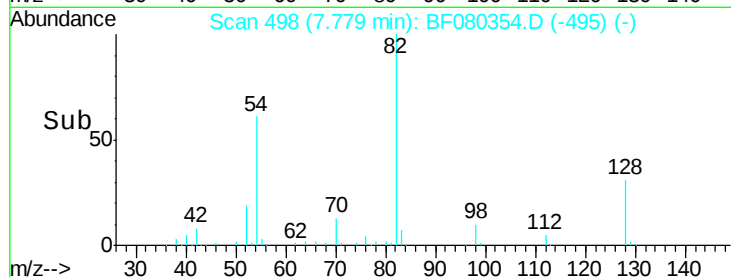
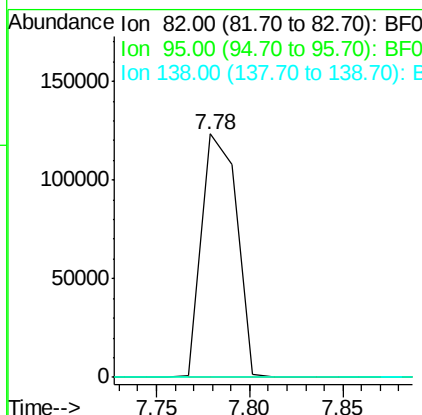
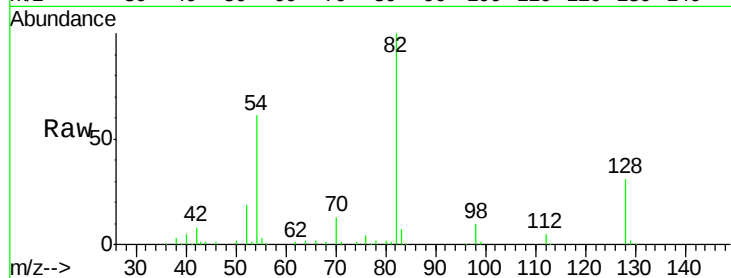




#25
Isophorone
Concen: 38.61 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.26 min
Lab File: BF080354.D
Acq: 6 Jul 2015 19:52

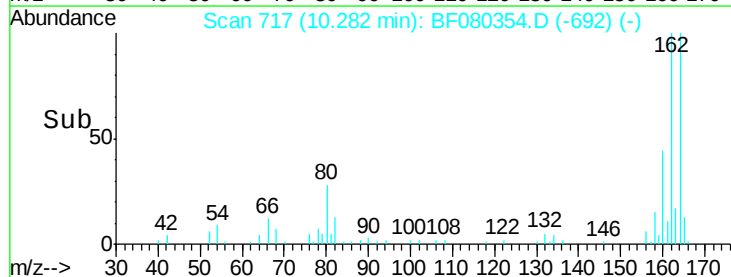
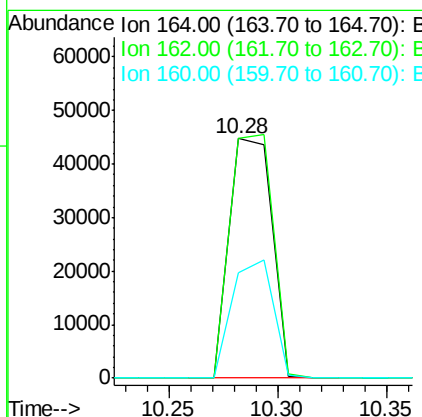
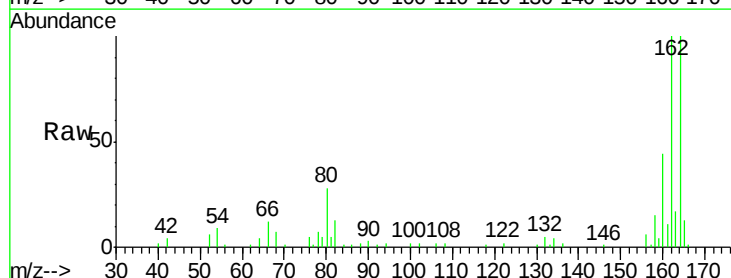
Instrument :
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ClientSampleId :
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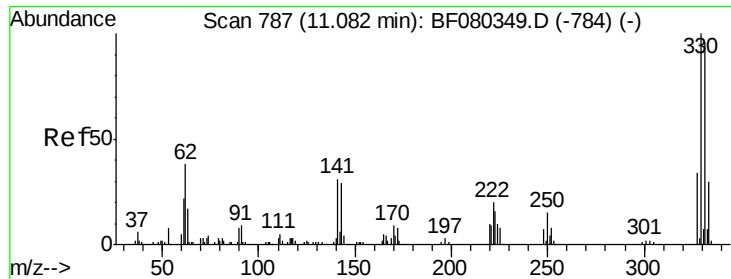
Tgt Ion: 82 Resp: 160253
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 12.0 18.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF080354.D
Acq: 6 Jul 2015 19:52

Tgt Ion: 164 Resp: 60893
Ion Ratio Lower Upper
164 100
162 100.3 84.5 126.7
160 44.0 37.7 56.5

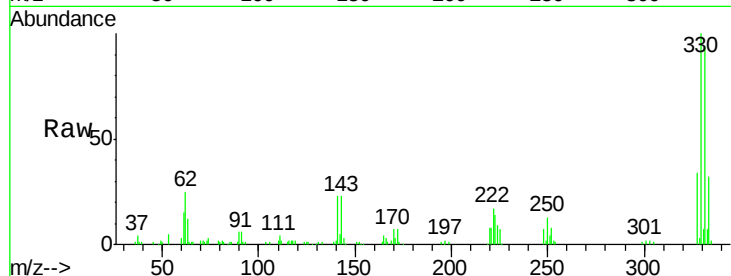




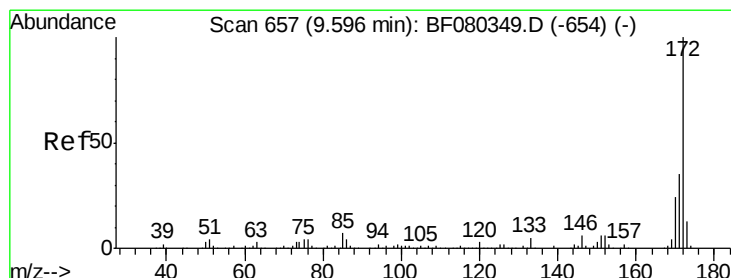
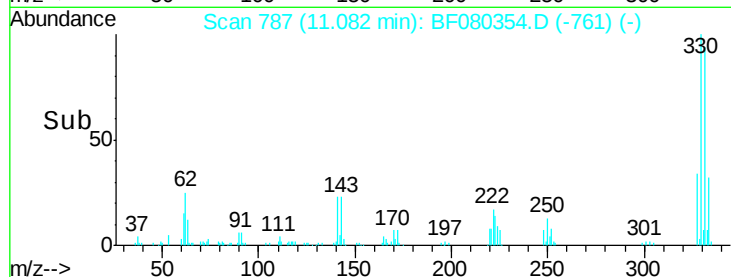
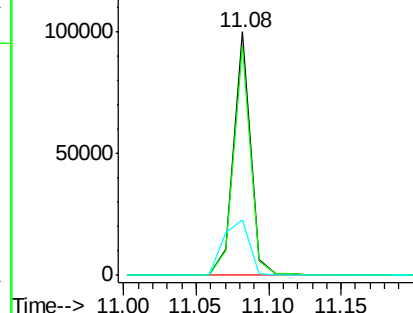
#41
 2,4,6-Tribromophenol
 Concen: 127.89 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080354.D
 Acq: 6 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BL

Tgt Ion:330 Resp: 81486
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.4
 141 34.9 29.6 44.4

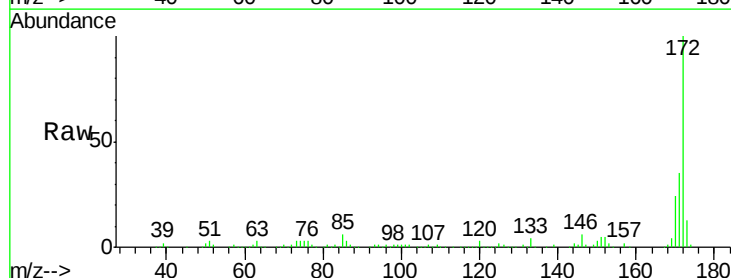


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

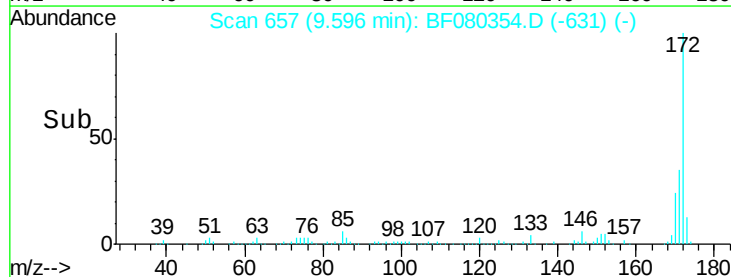
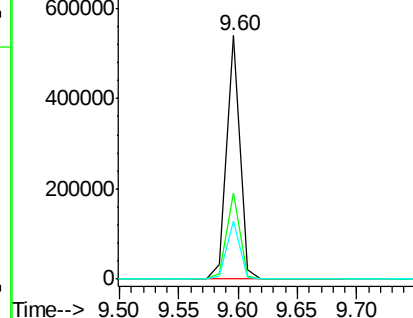


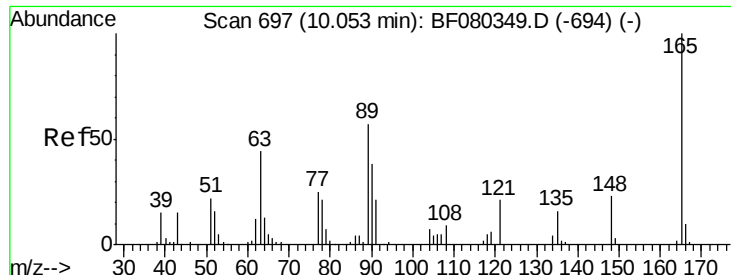
#44
 2-Fluorobiphenyl
 Concen: 90.62 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080354.D
 Acq: 6 Jul 2015 19:52

Tgt Ion:172 Resp: 408895
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.7 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

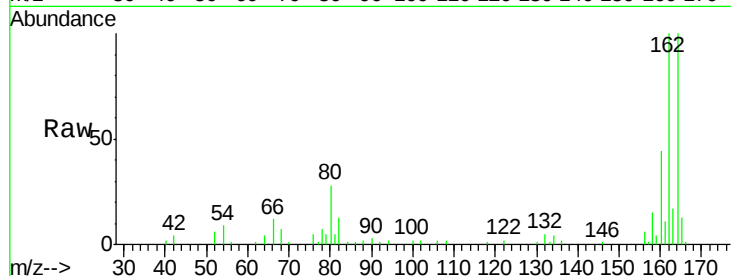




#50
 2,6-Dinitrotoluene
 Concen: 7.34 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.23 min
 Lab File: BF080354.D
 Acq: 6 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BL

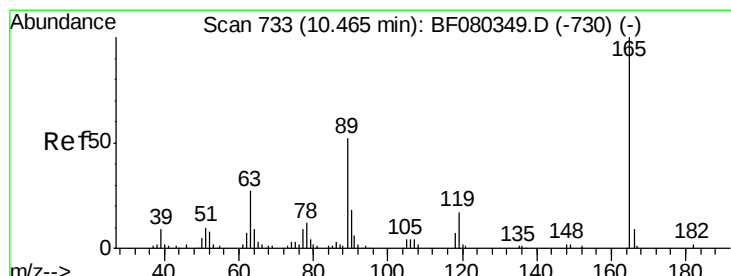
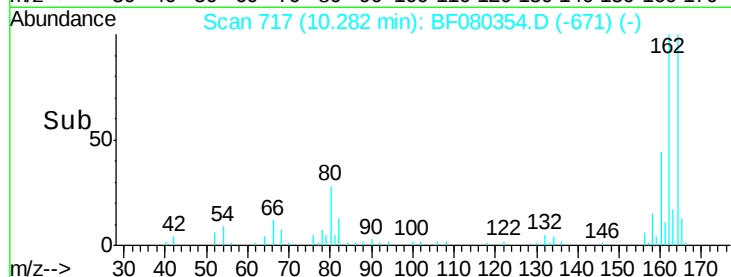
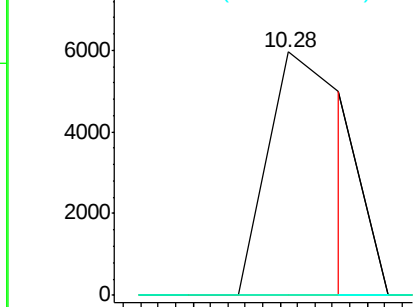
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	45.9	68.9#



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: 5.71 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.18 min
 Lab File: BF080354.D
 Acq: 6 Jul 2015 19:52

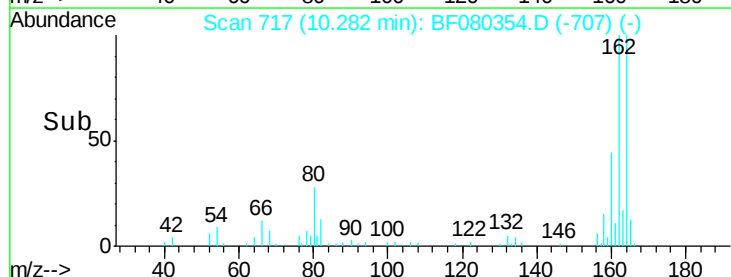
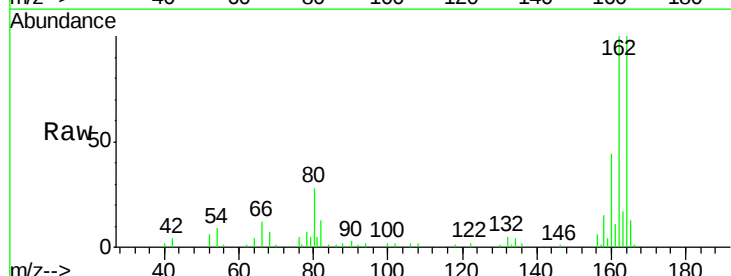
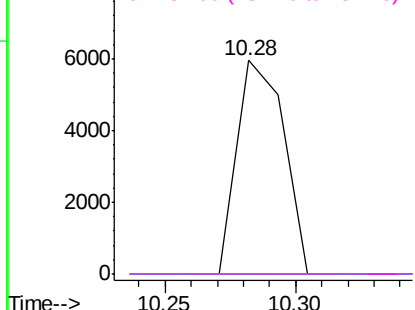
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.8	32.8#
89	0.0	41.3	61.9#
182	0.0	1.8	2.6#

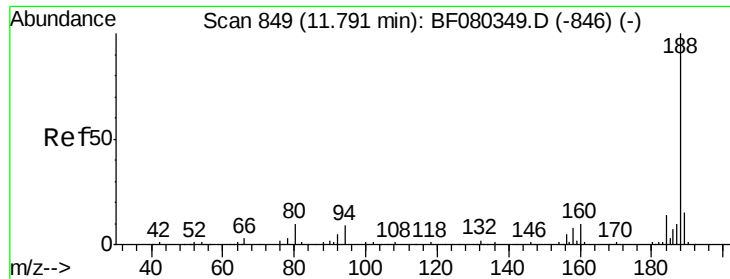
Abundance Ion 165.00 (164.70 to 165.70): E

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

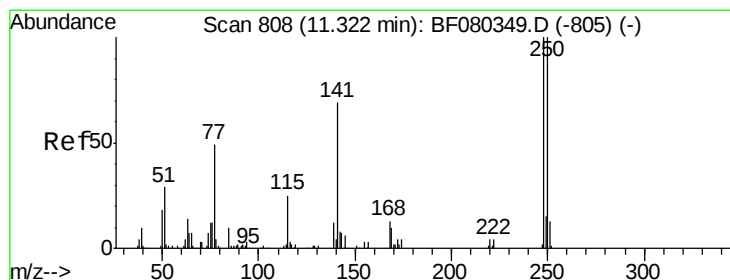
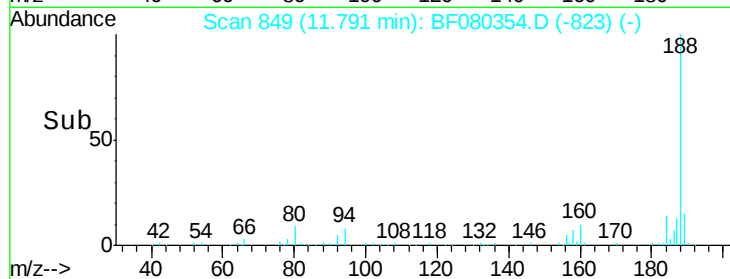
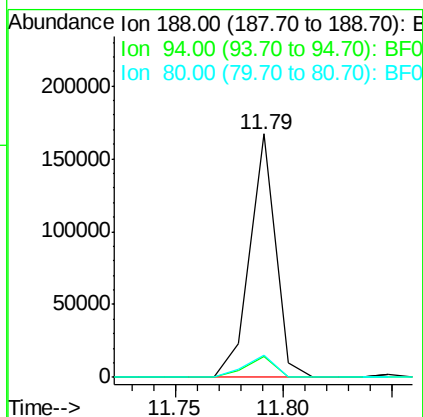
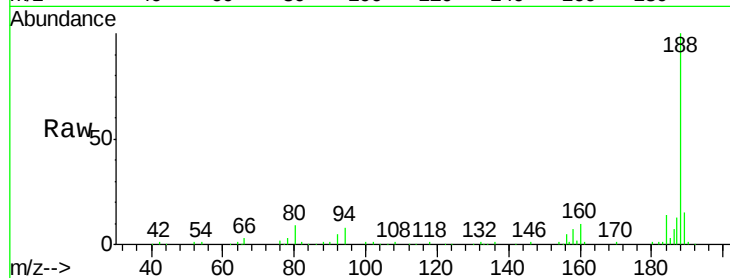




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF080354.D
Acq: 6 Jul 2015 19:52

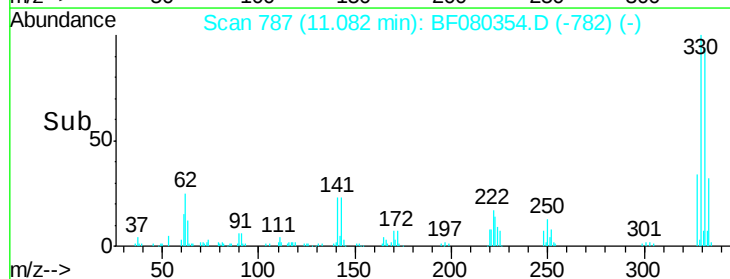
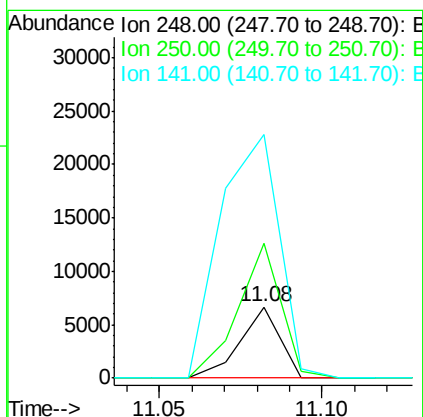
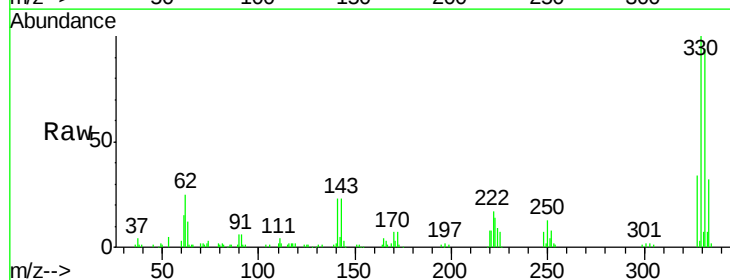
Instrument :
BNA_F
ClientSampleId :
PB84373BL

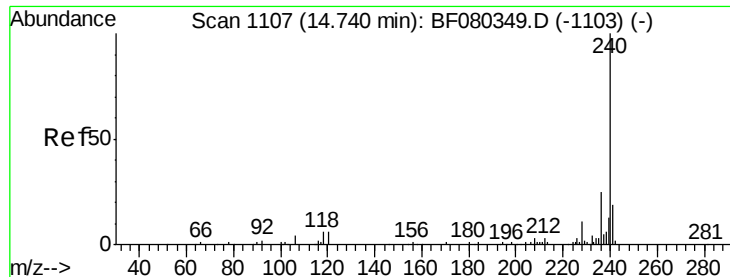
Tgt Ion:188 Resp: 137429
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 8.9 8.3 12.5



#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.24 min
Lab File: BF080354.D
Acq: 6 Jul 2015 19:52

Tgt Ion:248 Resp: 5630
Ion Ratio Lower Upper
248 100
250 189.2 80.0 120.0#
141 341.4 54.8 82.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.73 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

PB84373BL

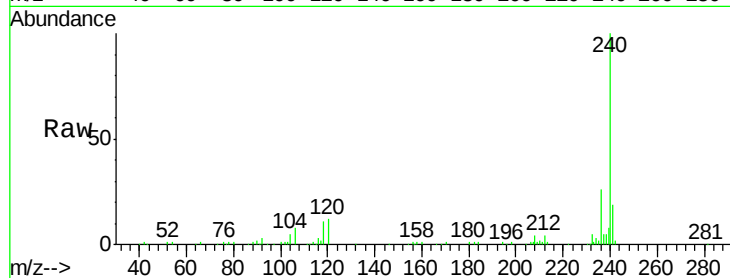
Tgt Ion:240 Resp: 145860

Ion Ratio Lower Upper

240 100

120 12.1 5.1 7.7#

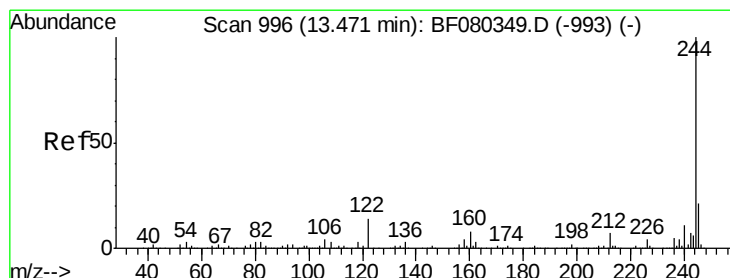
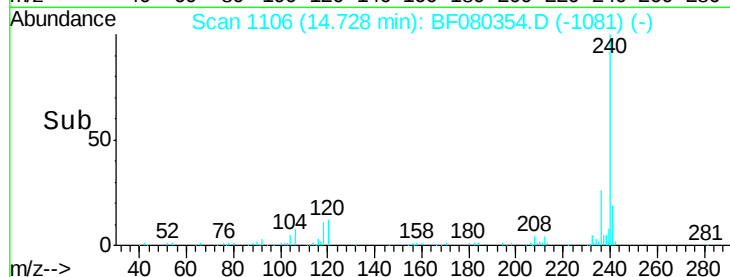
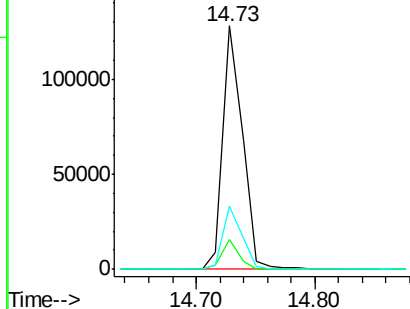
236 26.1 20.4 30.6



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: 81.10 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF080354.D

Acq: 6 Jul 2015 19:52

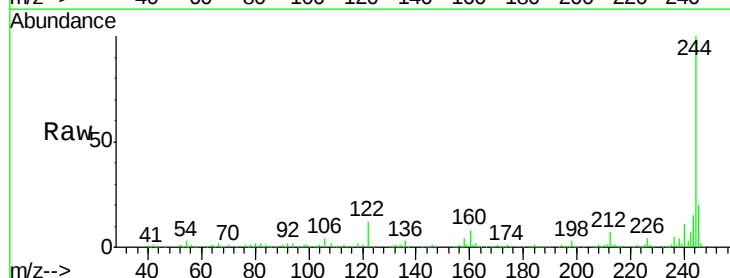
Tgt Ion:244 Resp: 507156

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

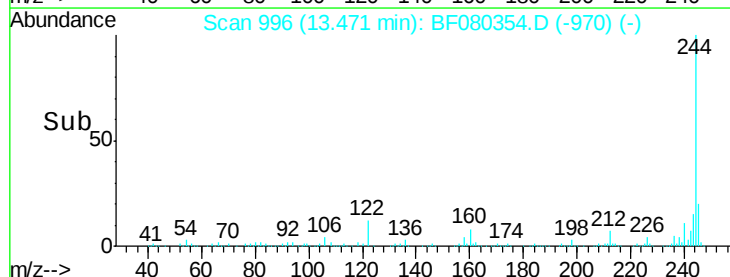
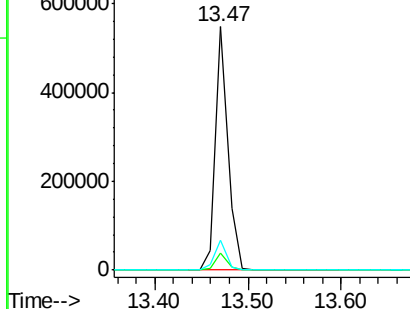
122 12.0 11.1 16.7

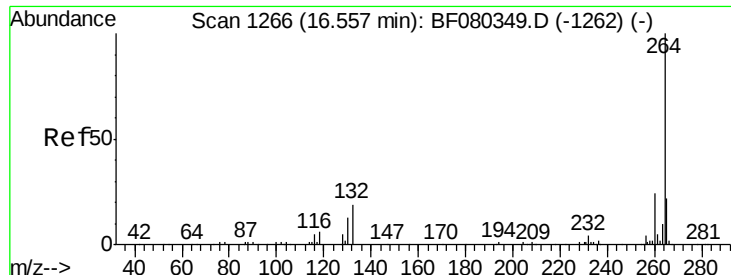


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.57 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF080354.D
Acq: 6 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84373BL

Tgt Ion: 264 Resp: 130713
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.0 17.6 26.4

