

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080375.D
 Acq On : 7 Jul 2015 16:49
 Operator : TP/UM
 Sample : PB84384BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

Quant Time: Jul 08 01:38:41 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

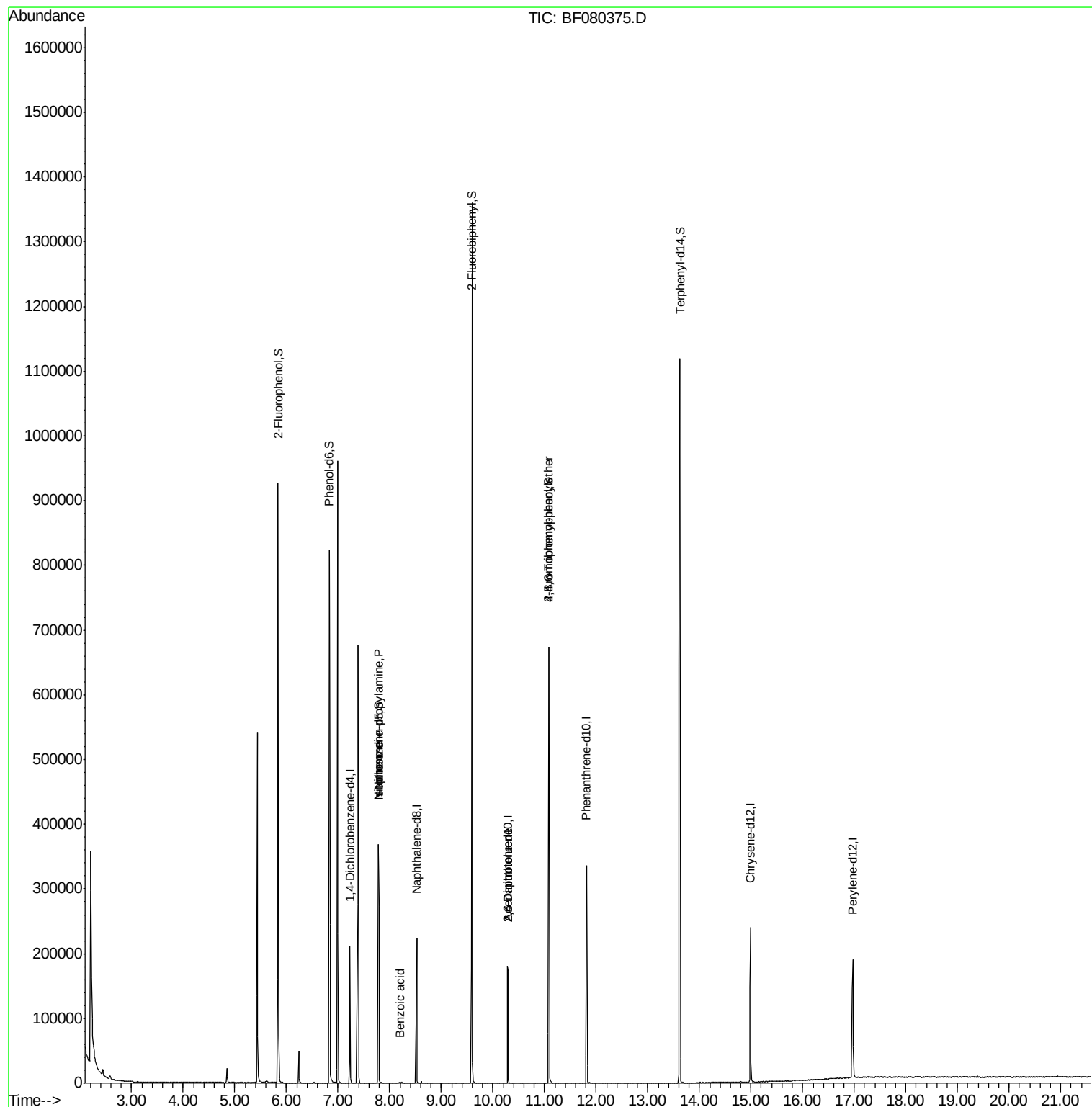
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	30375	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	111979	20.00	ng	0.00
38) Acenaphthene-d10	10.28	164	54017	20.00	ng	-0.01
63) Phenanthrene-d10	11.81	188	119940	20.00	ng	0.02
75) Chrysene-d12	14.99	240	118267	20.00	ng	0.25
86) Perylene-d12	16.97	264	113938	20.00	ng	0.41
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	233097	140.55	ng	0.00
7) Phenol-d6	6.83	99	277121	126.05	ng	0.00
23) Nitrobenzene-d5	7.78	82	154623	80.54	ng	-0.01
41) 2,4,6-Tribromophenol	11.08	330	68539	121.26	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	384980	96.18	ng	0.00
78) Terphenyl-d14	13.62	244	449633	88.68	ng	0.15
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.78	70	19250	13.49	ng	# 82
25) Isophorone	7.78	82	154238	41.74	ng	# 69
32) Benzoic acid	8.19	122	322	5.86	ng	91
50) 2,6-Dinitrotoluene	10.28	165	6803	7.50	ng	# 23
56) 2,4-Dinitrotoluene	10.28	165	6805	5.84	ng	# 35
66) 4-Bromophenyl-phenylether	11.08	248	5117	3.72	ng	# 1

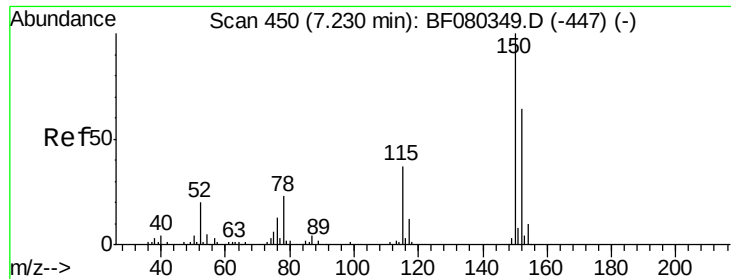
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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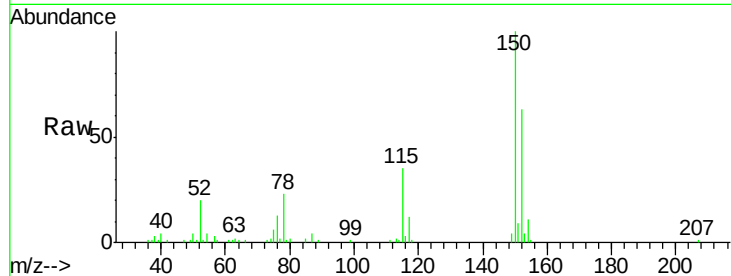


#1

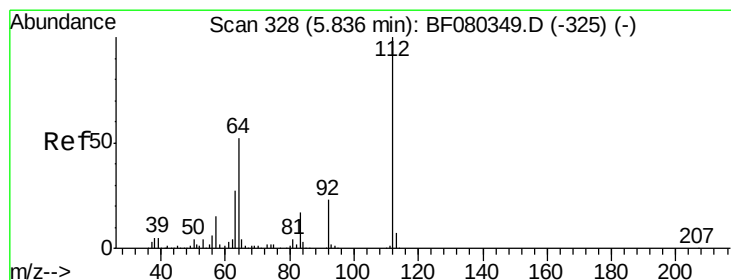
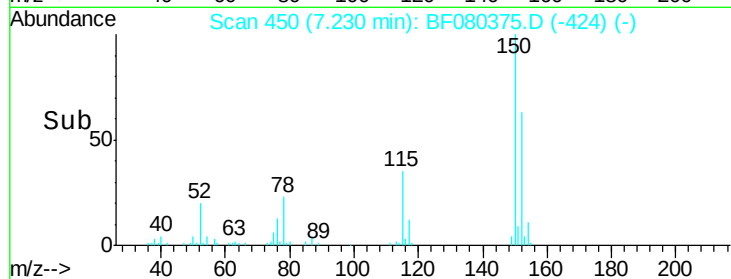
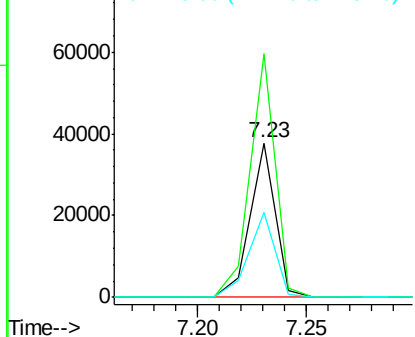
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

Tgt Ion:152 Resp: 30375
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.7 187.1
 115 55.2 45.7 68.5



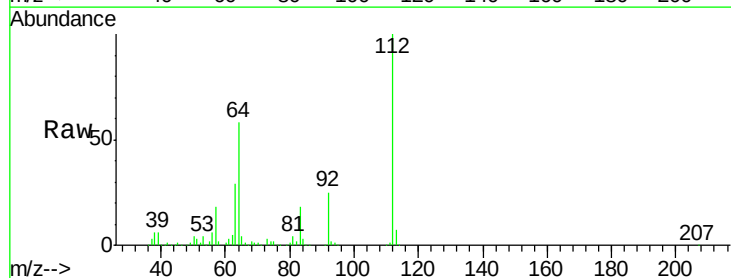
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



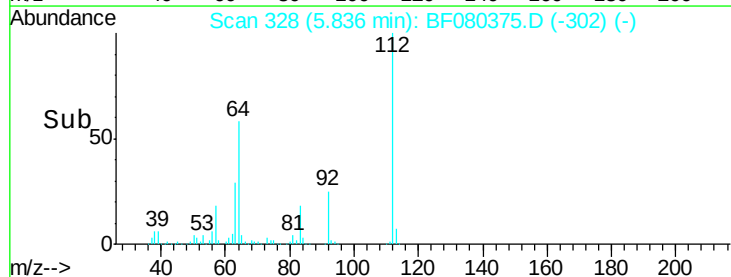
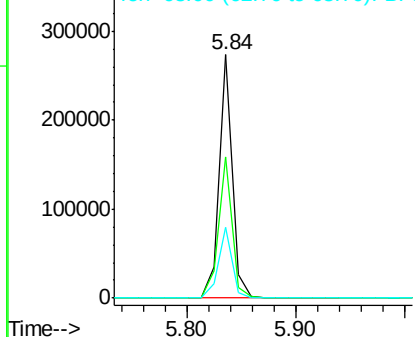
#5

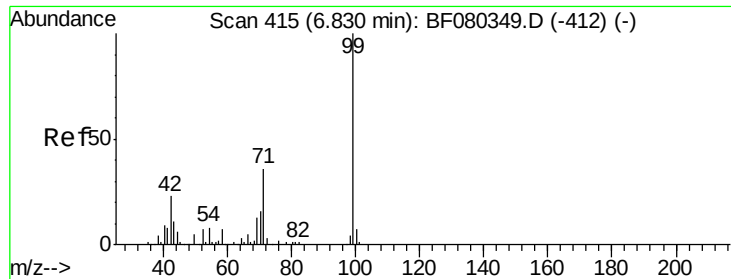
2-Fluorophenol
 Concen: 140.55 ng
 RT: 5.84 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion:112 Resp: 233097
 Ion Ratio Lower Upper
 112 100
 64 58.2 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: 126.05 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

Instrument :

BNA_F

ClientSampleId :

PB84384BL

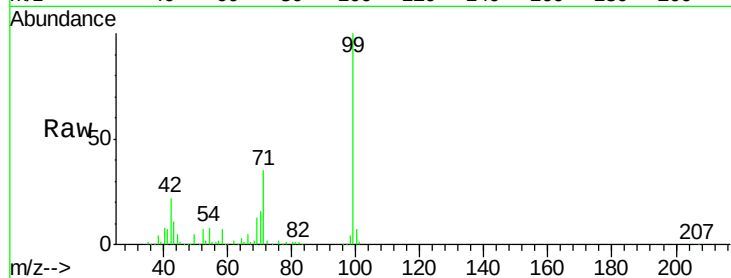
Tgt Ion: 99 Resp: 277121

Ion Ratio Lower Upper

99 100

42 21.9 18.5 27.7

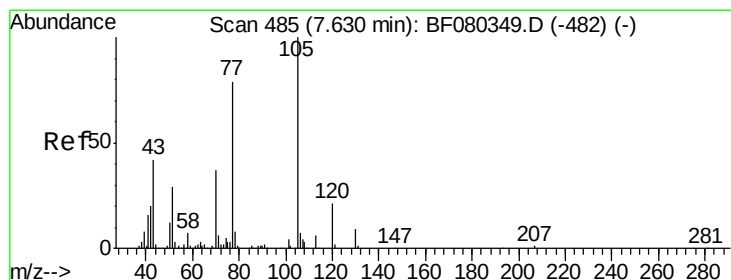
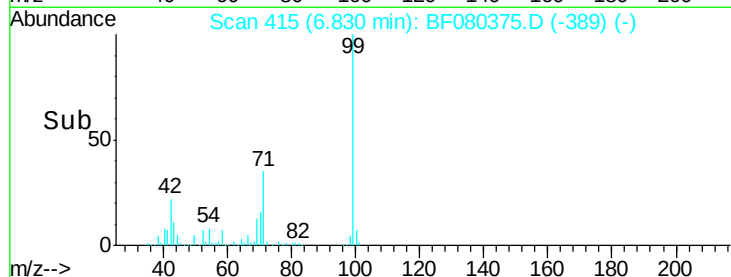
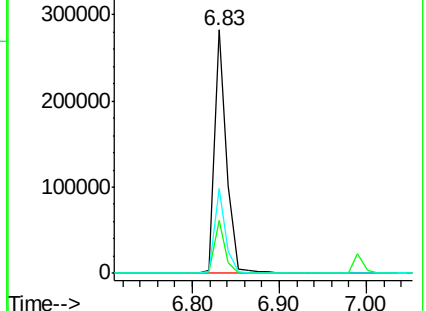
71 34.9 28.5 42.7



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: 13.49 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.15 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

Tgt Ion: 70 Resp: 19250

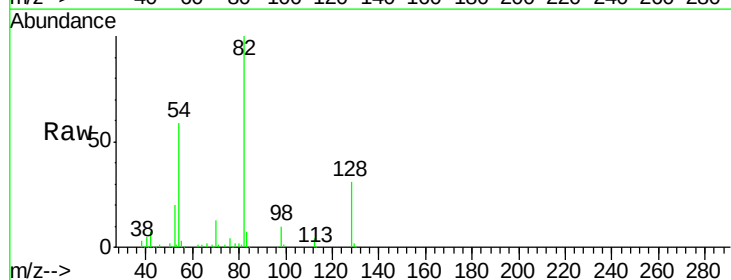
Ion Ratio Lower Upper

70 100

42 55.5 43.0 64.6

101 0.0 8.3 12.5#

130 1.9 20.2 30.2#

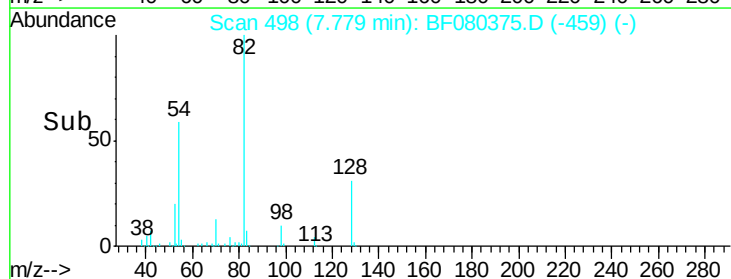
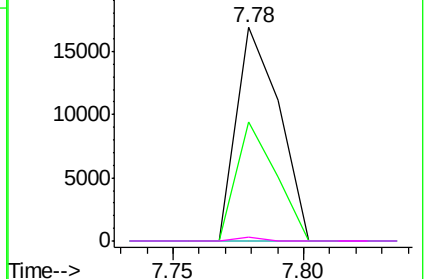


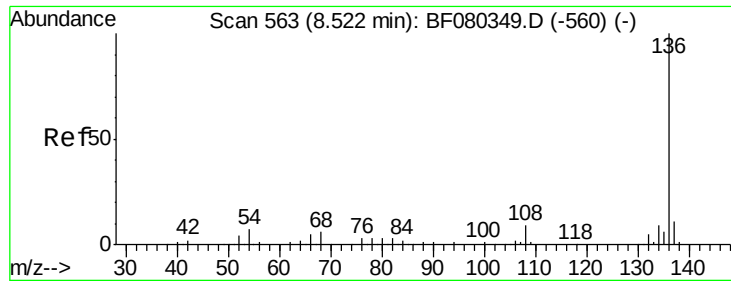
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

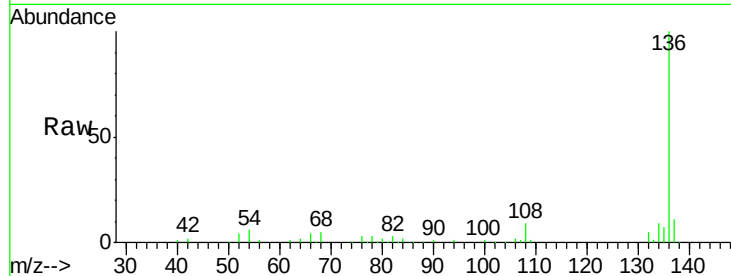




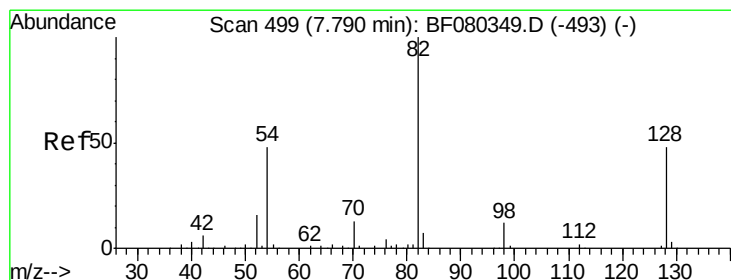
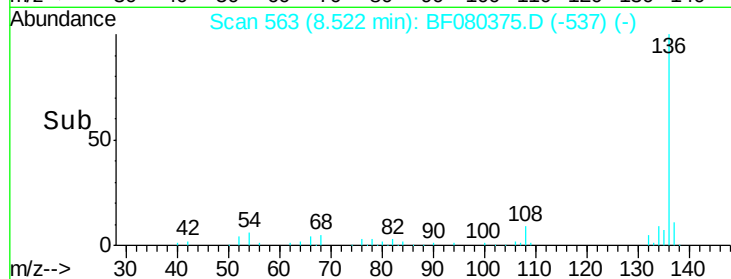
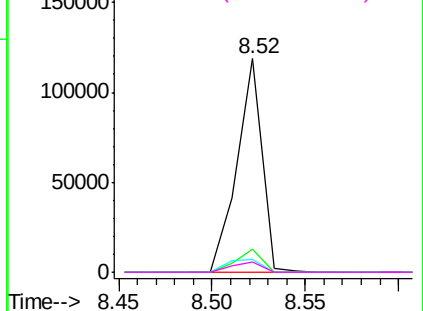
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080375.D
Acq: 7 Jul 2015 16:49

Instrument :
BNA_F
ClientSampleId :
PB84384BL

Tgt Ion:	136	Resp:	111979
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.2	5.8	8.8
68	4.8	4.6	6.8

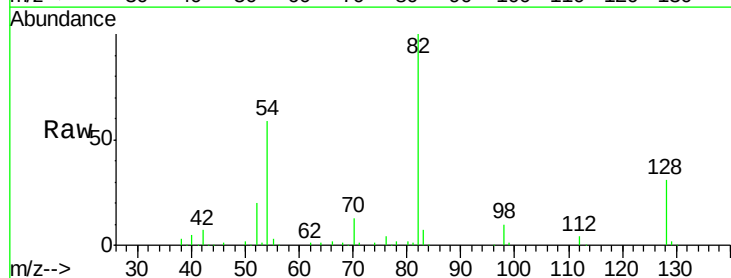


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

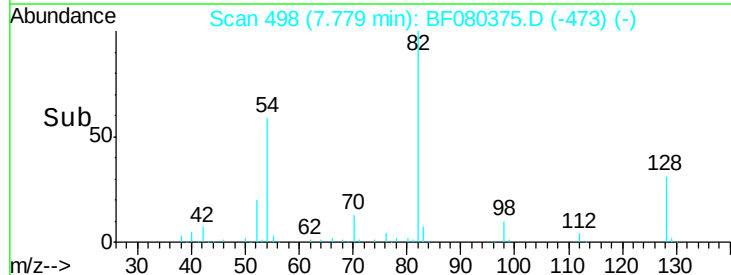
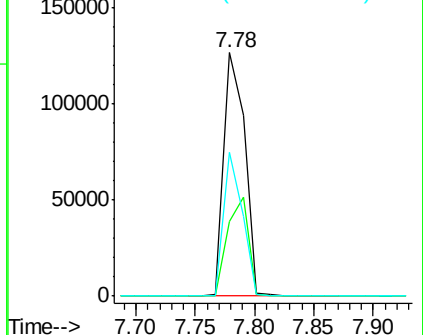


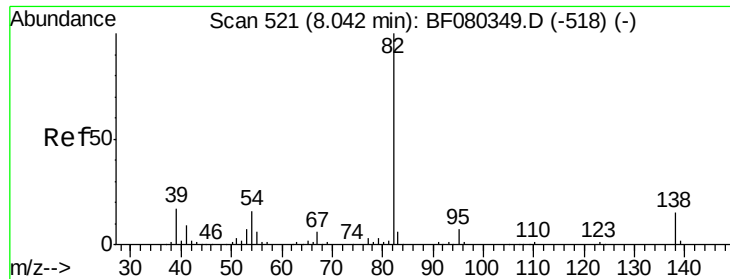
#23
Nitrobenzene-d5
Concen: 80.54 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF080375.D
Acq: 7 Jul 2015 16:49

Tgt Ion:	82	Resp:	154623
Ion	Ratio	Lower	Upper
82	100		
128	30.7	38.4	57.6#
54	59.1	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: 41.74 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.26 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

Instrument :

BNA_F

ClientSampleId :

PB84384BL

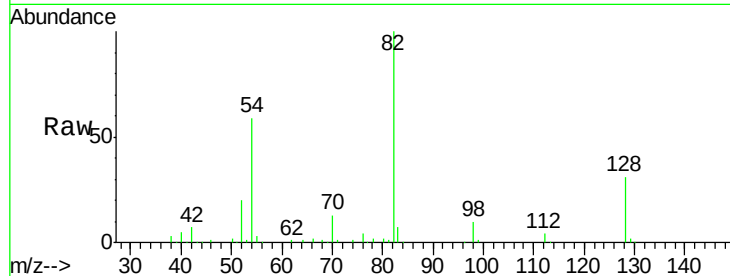
Tgt Ion: 82 Resp: 154238

Ion Ratio Lower Upper

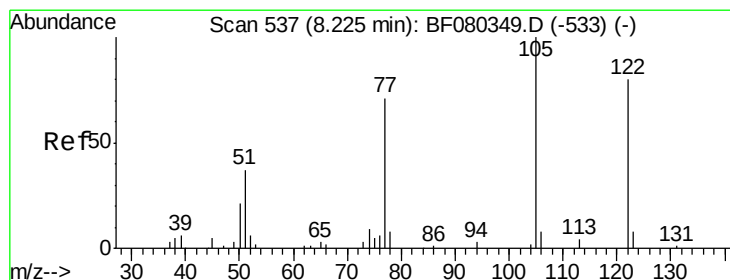
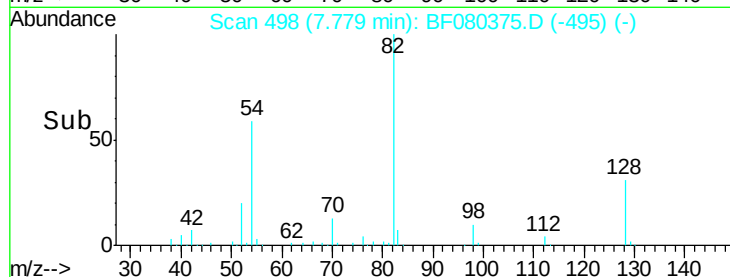
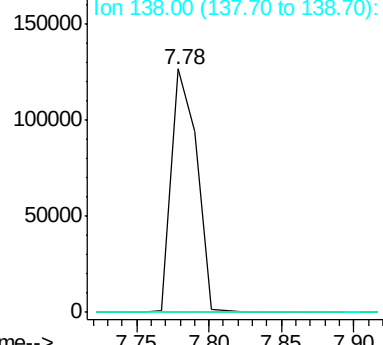
82 100

95 0.0 5.2 7.8#

138 0.0 12.0 18.0#



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): BF0



#32

Benzoic acid

Concen: 5.86 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.03 min

Lab File: BF080375.D

Acq: 7 Jul 2015 16:49

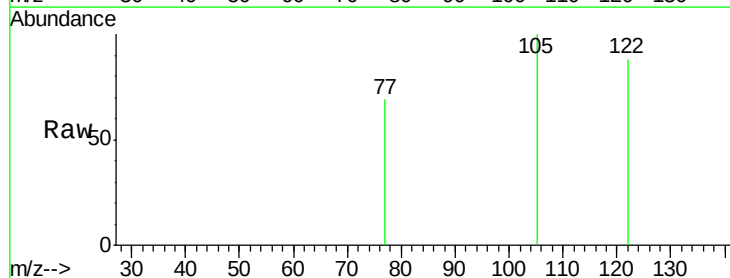
Tgt Ion: 122 Resp: 322

Ion Ratio Lower Upper

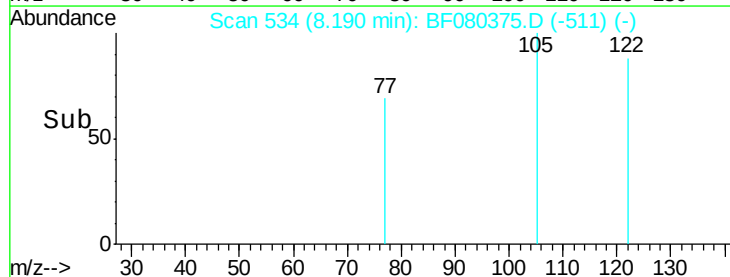
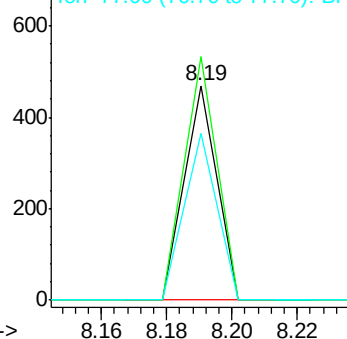
122 100

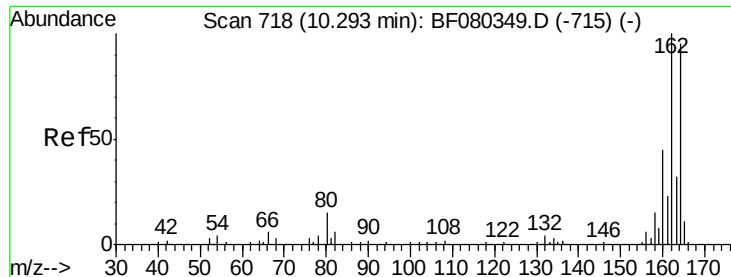
105 113.4 102.2 142.2

77 77.9 68.8 108.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

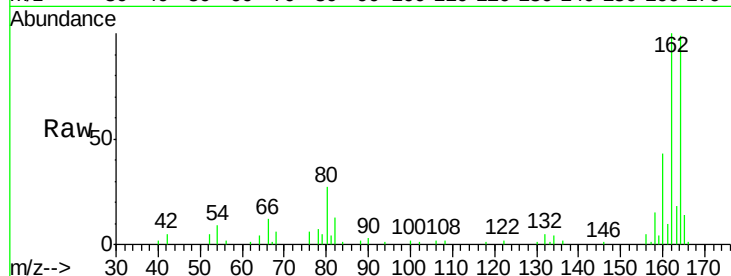




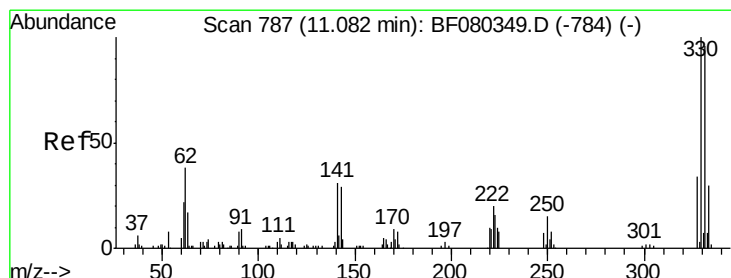
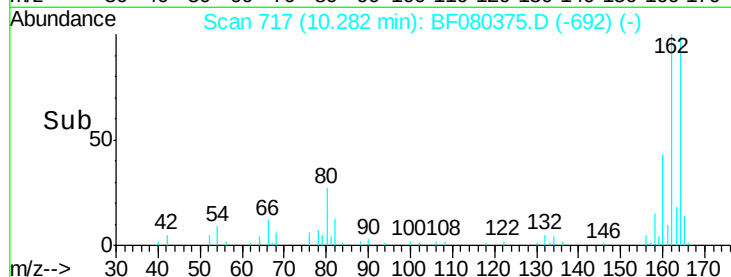
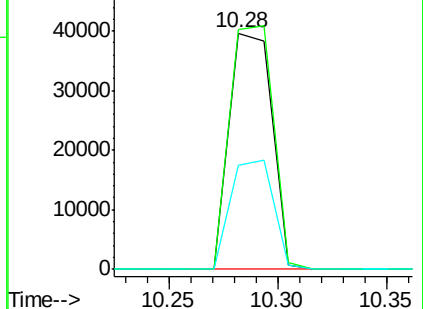
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

Tgt Ion:164 Resp: 54017
 Ion Ratio Lower Upper
 164 100
 162 101.4 84.5 126.7
 160 44.0 37.7 56.5

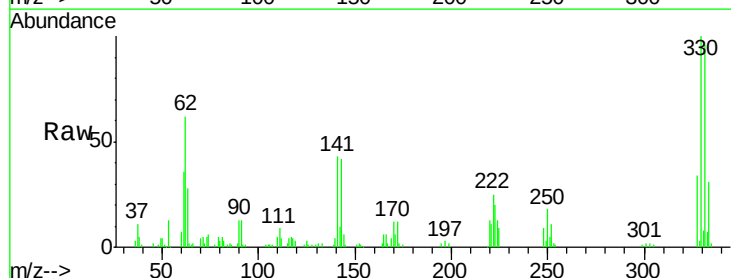


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

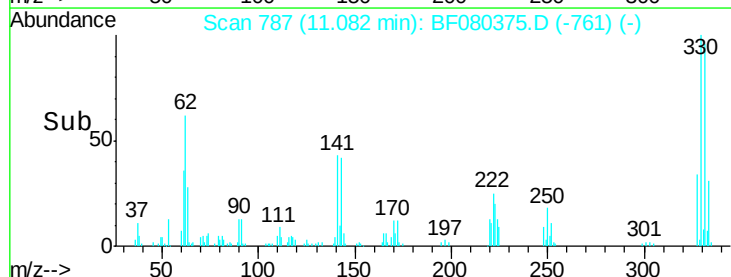
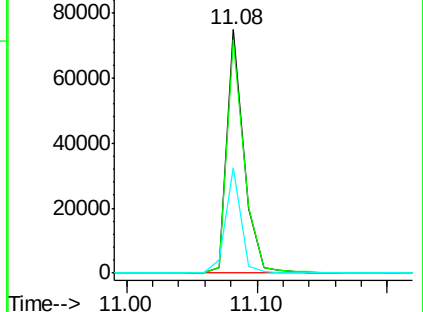


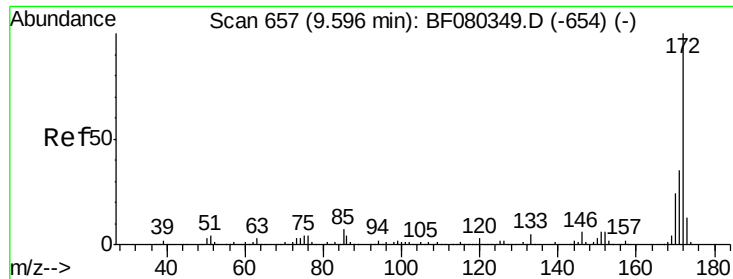
#41
 2,4,6-Tribromophenol
 Concen: 121.26 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion:330 Resp: 68539
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.4
 141 39.2 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

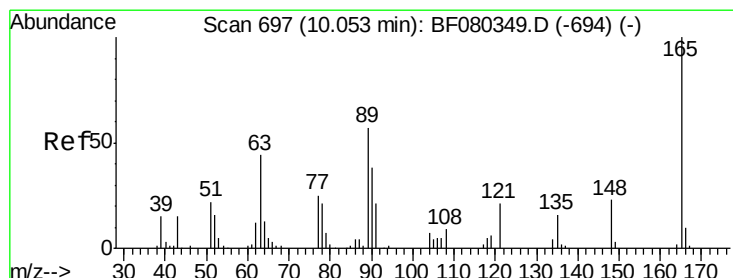
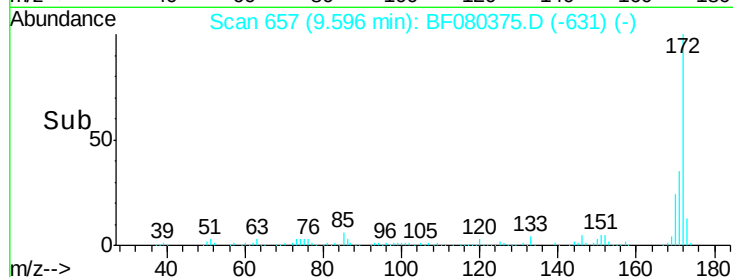
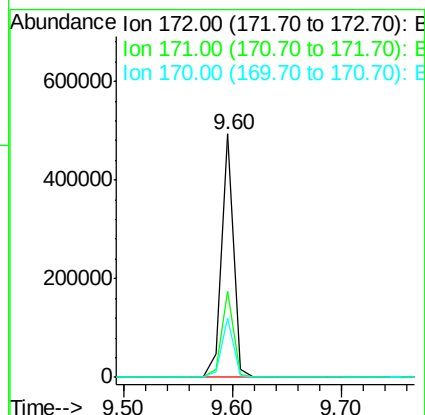
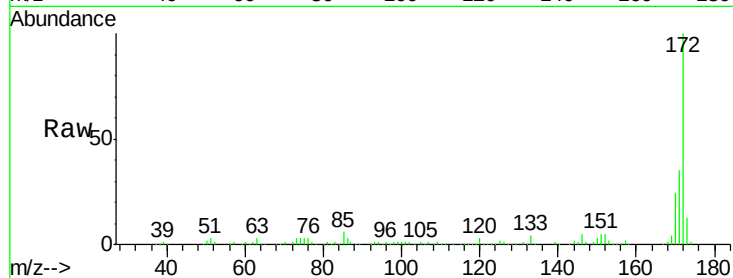




#44
 2-Fluorobiphenyl
 Concen: 96.18 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

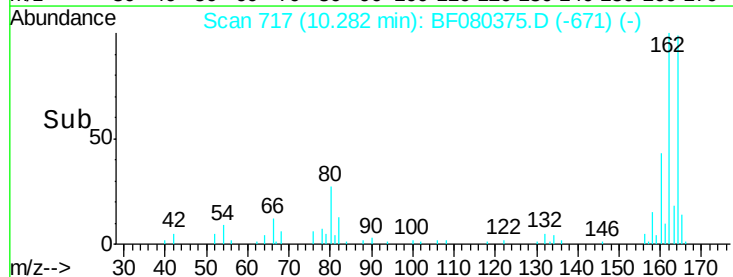
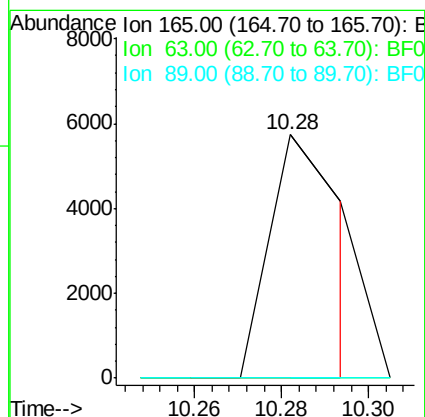
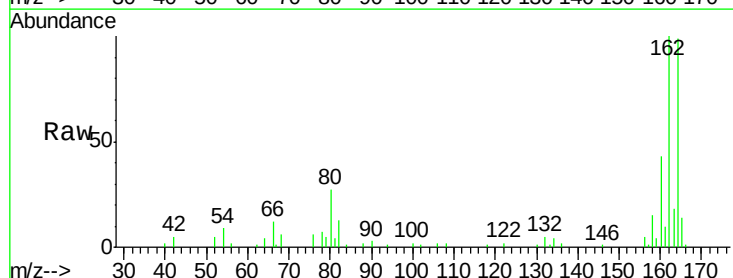
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 PB84384BL

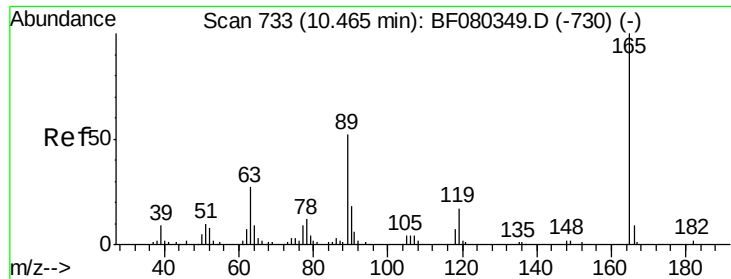
Tgt Ion:172 Resp: 384980
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 24.2 19.1 28.7



#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.23 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion:165 Resp: 6803
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.8 67.2#
 89 0.0 45.9 68.9#

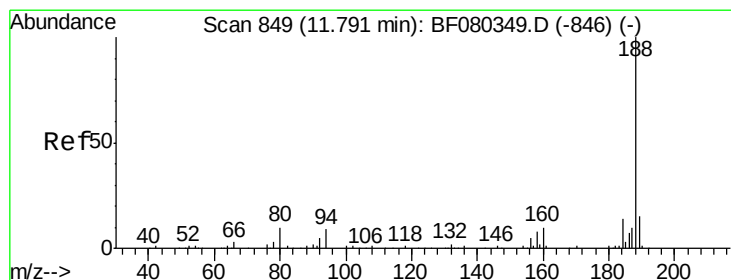
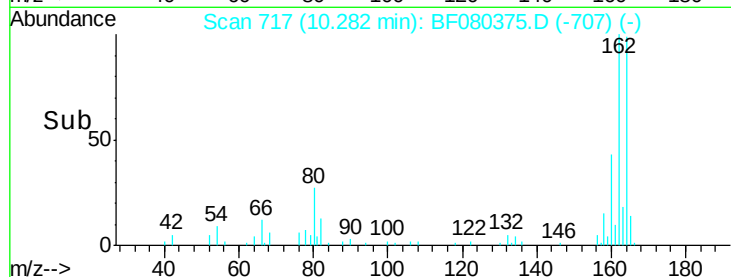
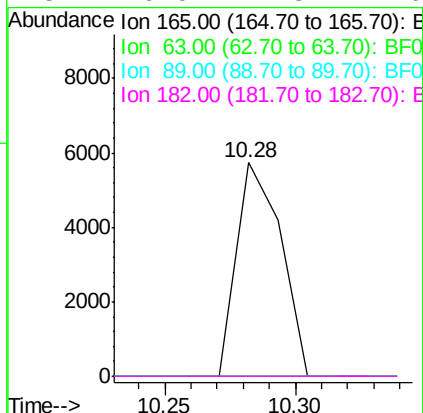
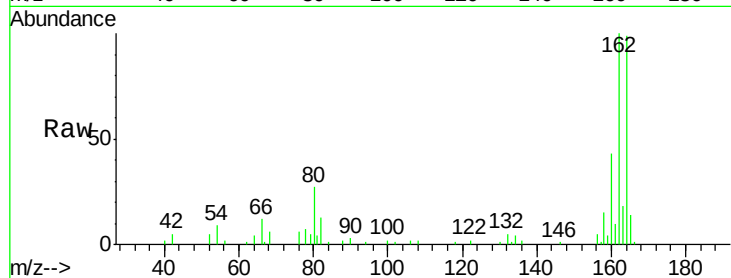




#56
 2,4-Dinitrotoluene
 Concen: 5.84 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.18 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

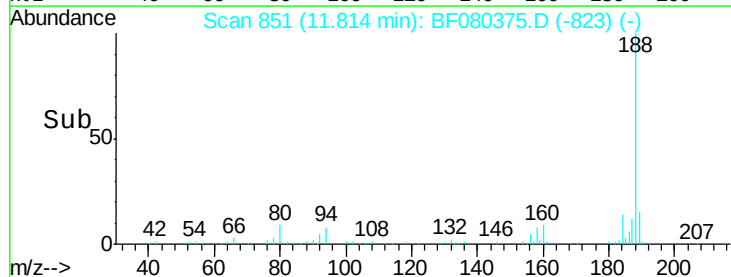
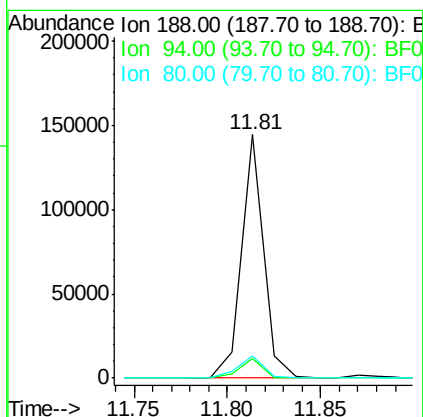
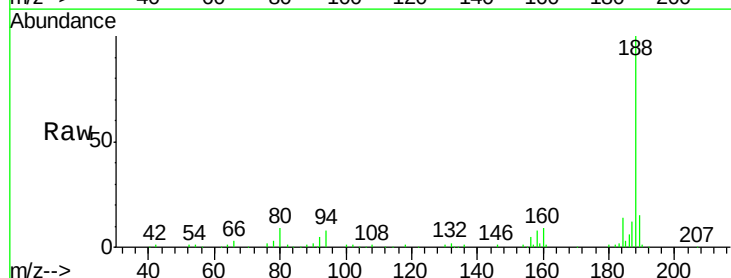
Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

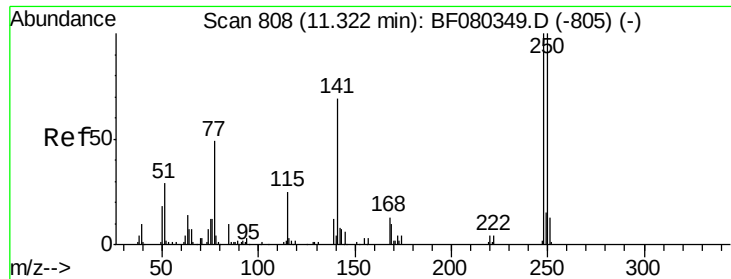
Tgt Ion:	165	Resp:	6805
Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.8	32.8#
89	0.0	41.3	61.9#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.81 min Scan# 851
 Delta R.T. 0.02 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion:	188	Resp:	119940
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.5	11.3
80	9.3	8.3	12.5

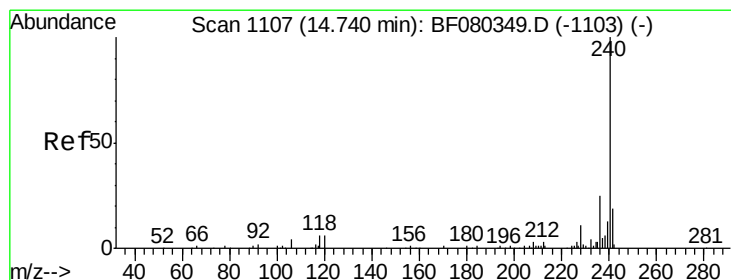
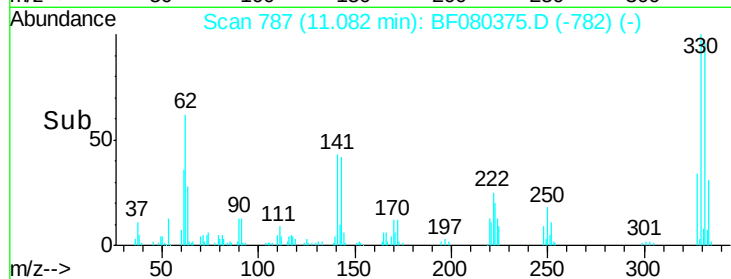
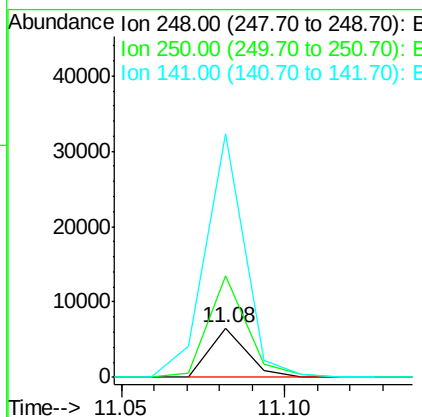
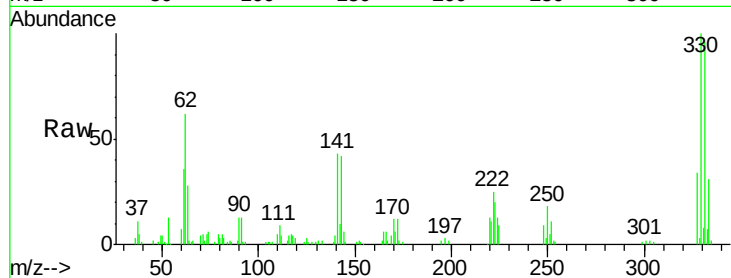




#66
 4-Bromophenyl-phenylether
 Concen: 3.72 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.24 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

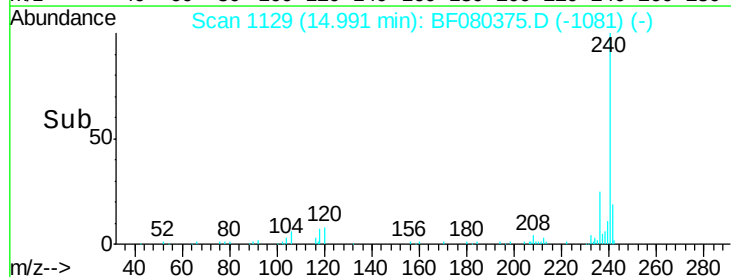
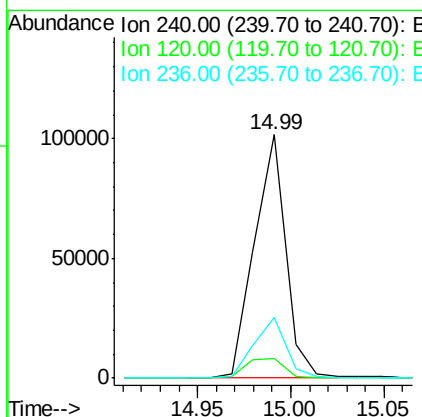
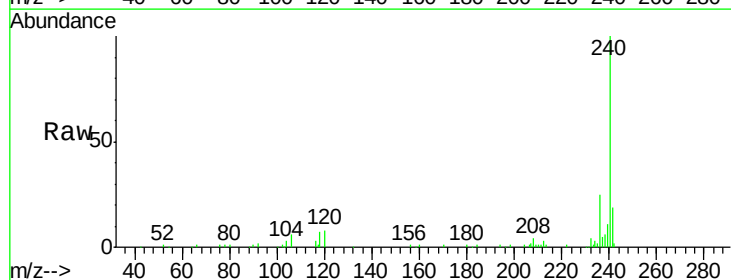
Instrument :
 BNA_F
 ClientSampleId :
 PB84384BL

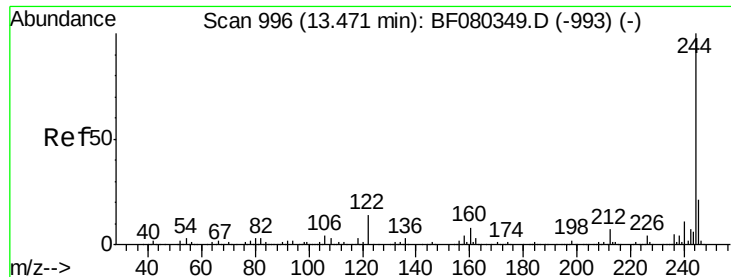
Tgt Ion:248 Resp: 5117
 Ion Ratio Lower Upper
 248 100
 250 204.1 80.0 120.0#
 141 492.2 54.8 82.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1129
 Delta R.T. 0.25 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion:240 Resp: 118267
 Ion Ratio Lower Upper
 240 100
 120 7.9 5.1 7.7#
 236 24.6 20.4 30.6

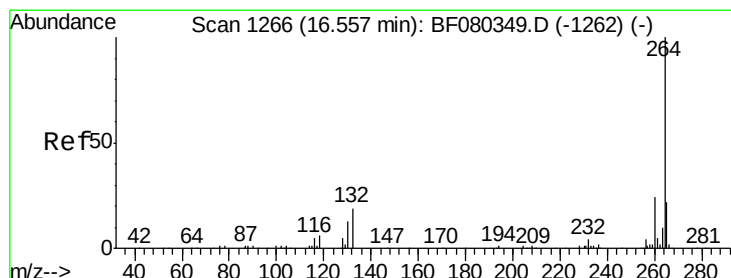
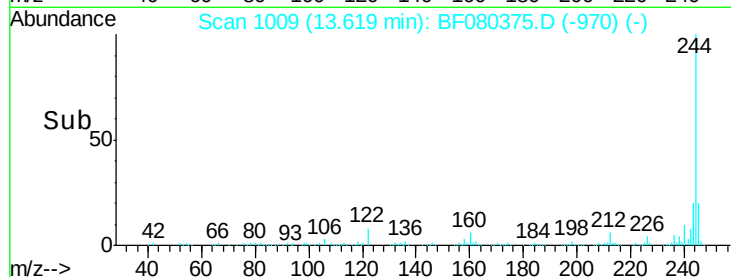
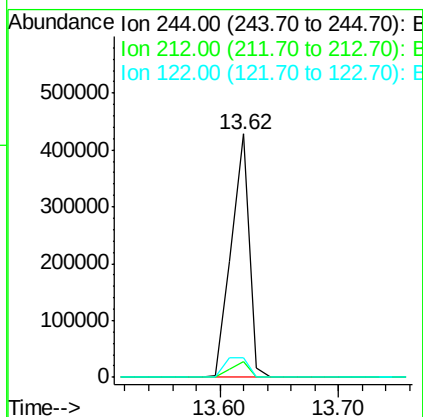
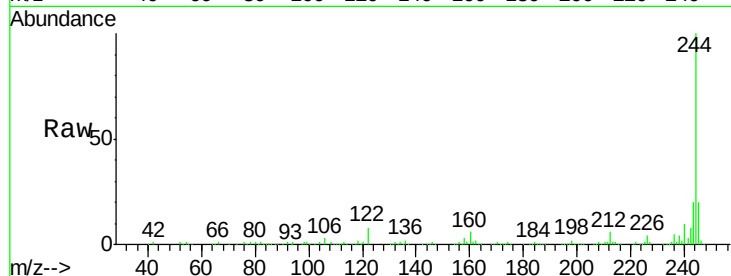




#78
 Terphenyl-d14
 Concen: 88.68 ng
 RT: 13.62 min Scan# 1009
 Delta R.T. 0.15 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Instrument :
 BNA_F
 ClientSampled :
 PB84384BL

Tgt Ion: 244 Resp: 449633
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 8.0 11.1 16.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. 0.41 min
 Lab File: BF080375.D
 Acq: 7 Jul 2015 16:49

Tgt Ion: 264 Resp: 113938
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.6 26.4

