

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080389.D
 Acq On : 8 Jul 2015 15:53
 Operator : TP/UM
 Sample : PB84381TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84381TB

Quant Time: Jul 09 00:58:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

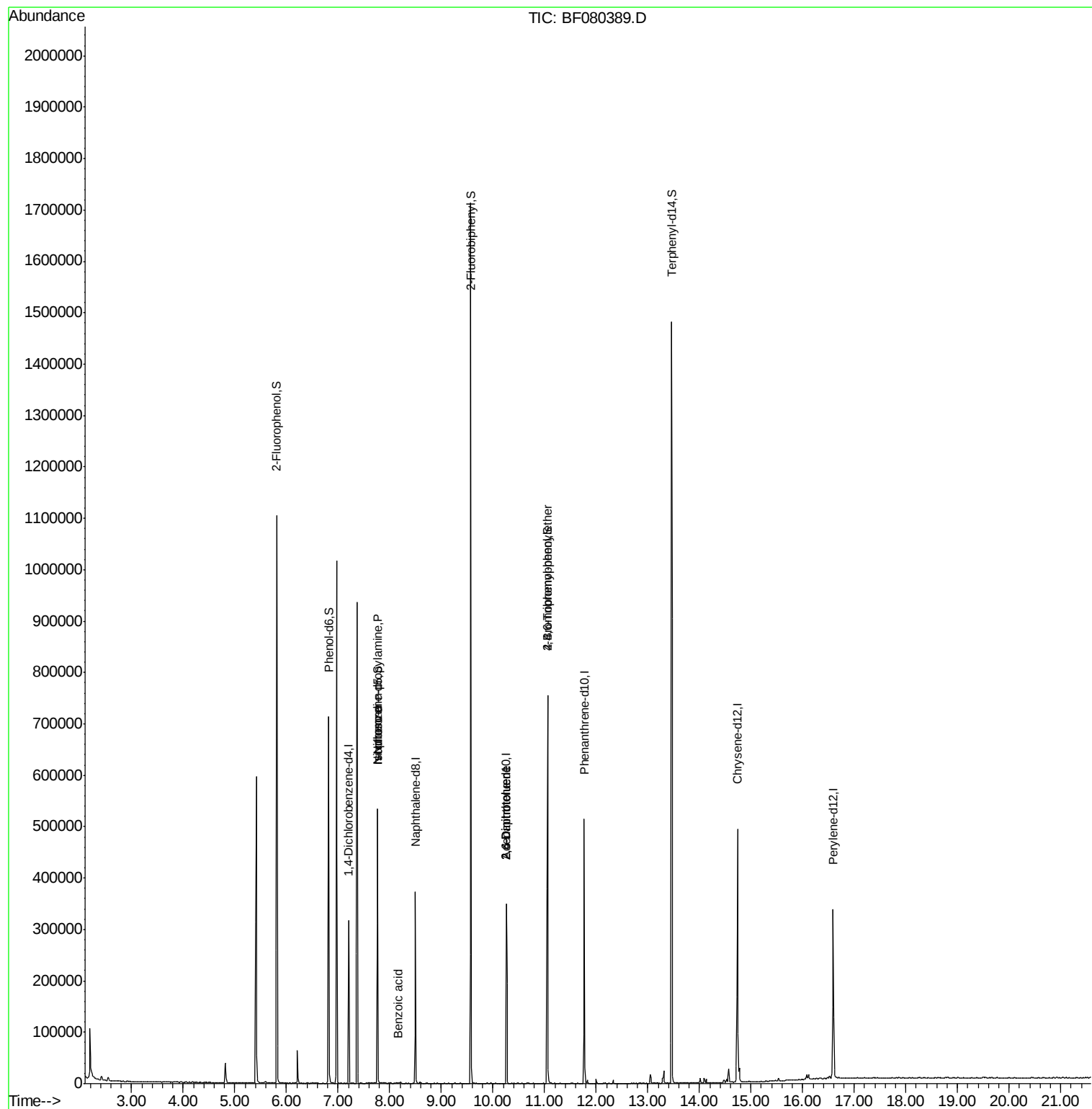
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	43605	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	163322	20.00	ng	0.00
38) Acenaphthene-d10	10.26	164	81291	20.00	ng	-0.01
63) Phenanthrene-d10	11.77	188	184504	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	197290	20.00	ng	-0.10
86) Perylene-d12	16.59	264	170797	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	289404	121.55	ng	0.00
7) Phenol-d6	6.82	99	360193	114.13	ng	0.00
23) Nitrobenzene-d5	7.77	82	202985	72.49	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	100583	118.25	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	488613	81.12	ng	0.00
78) Terphenyl-d14	13.46	244	612455	72.41	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.77	70	25294	12.35	ng	# 76
25) Isophorone	7.77	82	202723	37.61	ng	# 69
32) Benzoic acid	8.17	122	259	5.68	ng	# 74
50) 2,6-Dinitrotoluene	10.26	165	10269	7.53	ng	# 23
56) 2,4-Dinitrotoluene	10.26	165	10266	5.85	ng	# 35
66) 4-Bromophenyl-phenylether	11.06	248	6676	3.16	ng	# 1

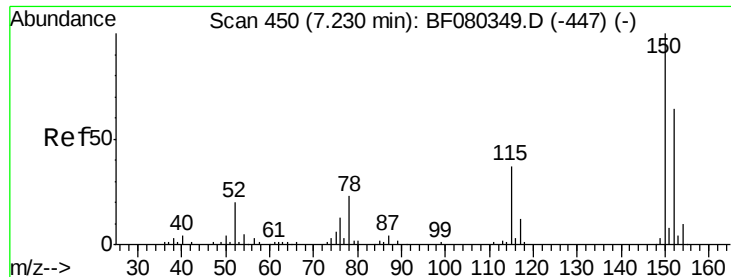
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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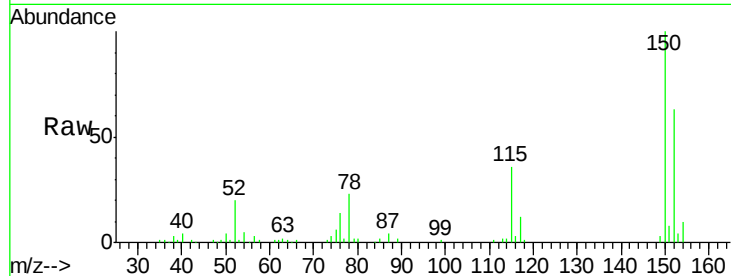


#1

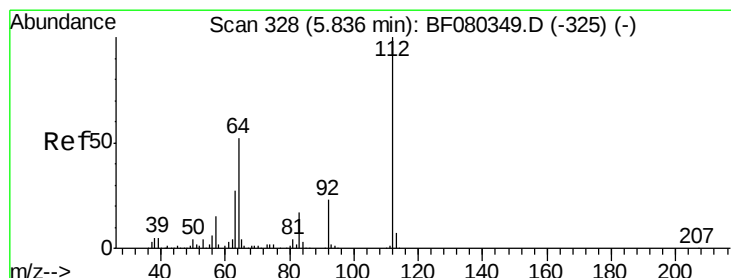
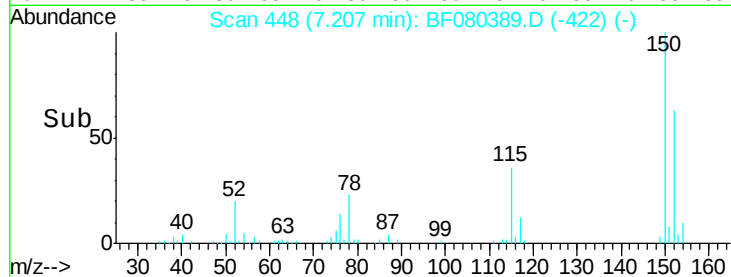
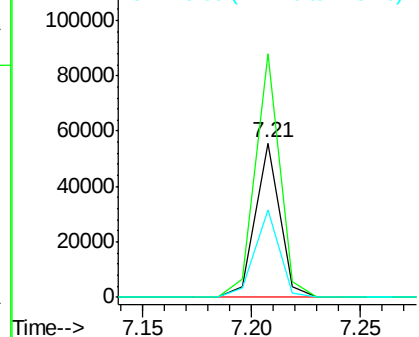
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF080389.D
Acq: 8 Jul 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB84381TB

Tgt Ion:152 Resp: 43605
Ion Ratio Lower Upper
152 100
150 157.7 124.7 187.1
115 56.7 45.7 68.5



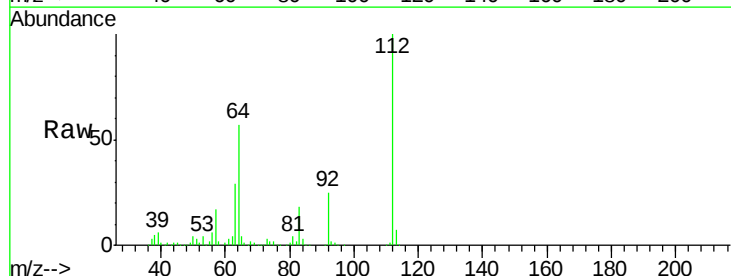
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



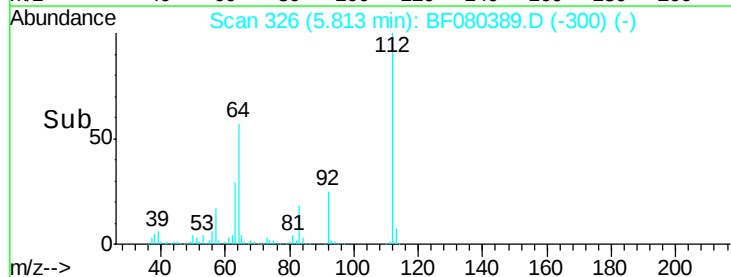
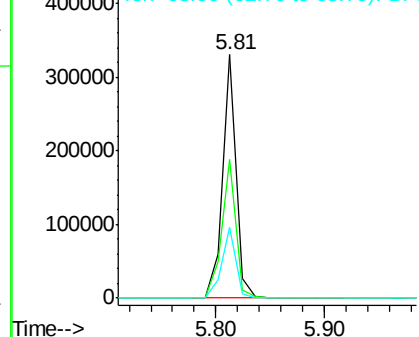
#5

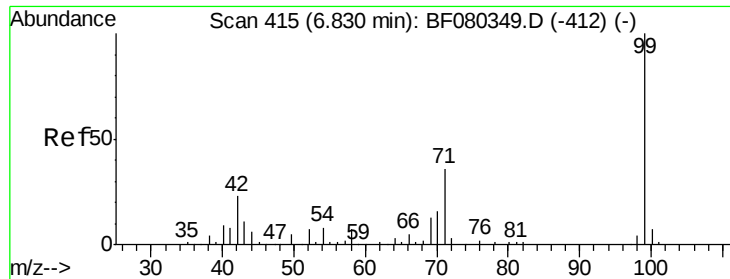
2-Fluorophenol
Concen: 121.55 ng
RT: 5.81 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF080389.D
Acq: 8 Jul 2015 15:53

Tgt Ion:112 Resp: 289404
Ion Ratio Lower Upper
112 100
64 57.1 41.8 62.6
63 28.9 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: 114.13 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080389.D

Acq: 8 Jul 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB84381TB

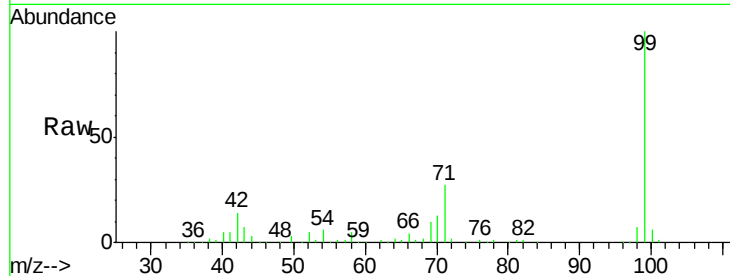
Tgt Ion: 99 Resp: 360193

Ion Ratio Lower Upper

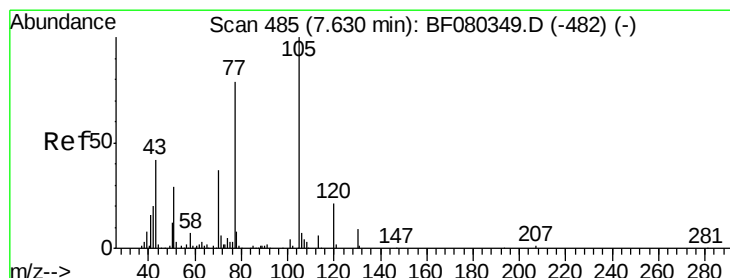
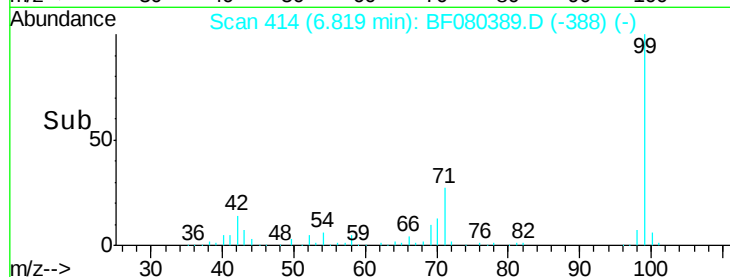
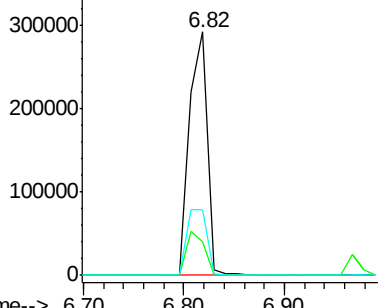
99 100

42 13.7 18.5 27.7#

71 26.9 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: 12.35 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.16 min

Lab File: BF080389.D

Acq: 8 Jul 2015 15:53

Tgt Ion: 70 Resp: 25294

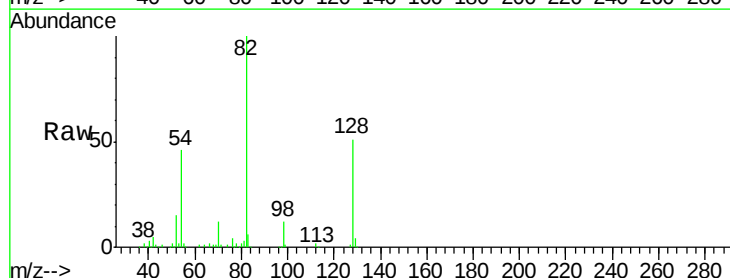
Ion Ratio Lower Upper

70 100

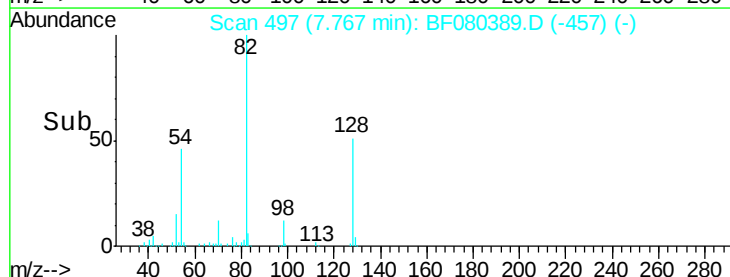
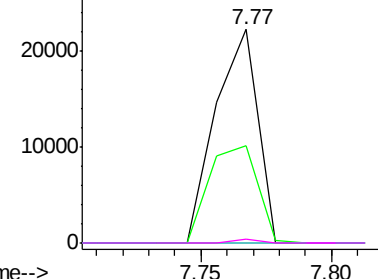
42 45.3 43.0 64.6

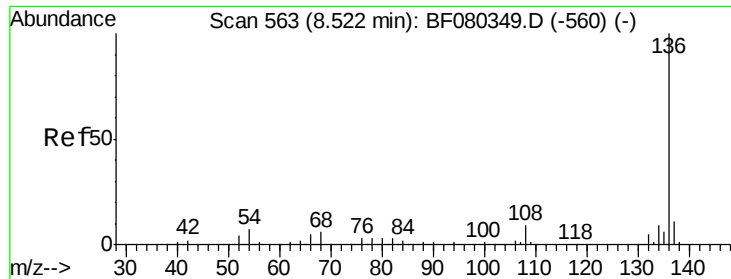
101 0.0 8.3 12.5#

130 1.7 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

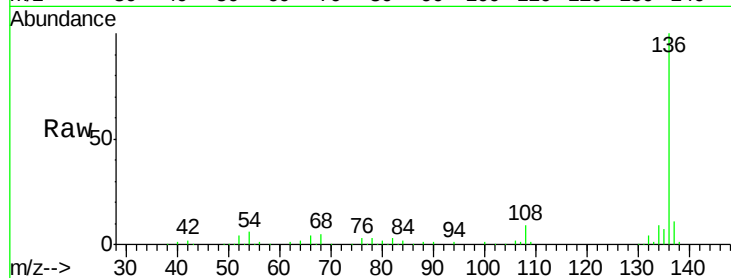




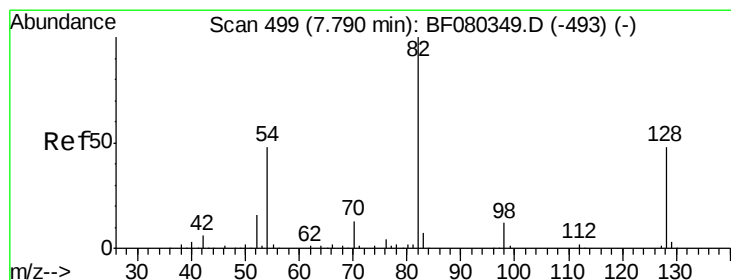
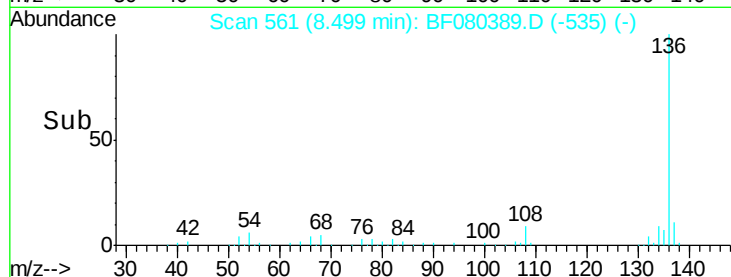
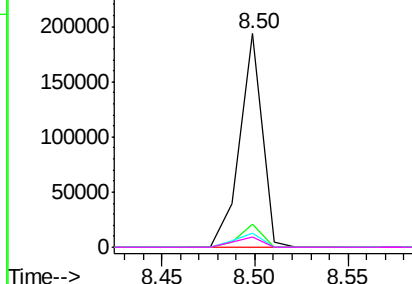
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF080389.D
Acq: 8 Jul 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PB84381TB

Tgt Ion:	136	Resp:	163322
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.4	5.8	8.8
68	5.0	4.6	6.8

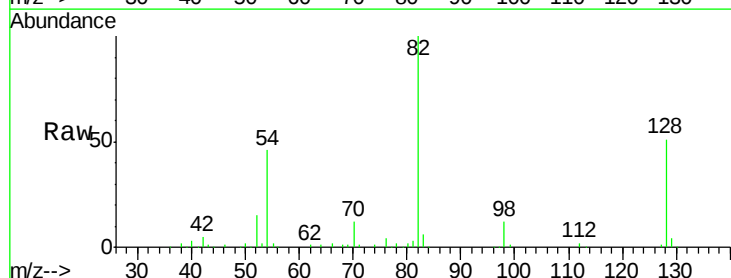


Abundance Ion 136.00 (135.70 to 136.70): E
300000
Ion 137.00 (136.70 to 137.70): E
250000
Ion 54.00 (53.70 to 54.70): BF0
200000
Ion 68.00 (67.70 to 68.70): BF0
150000
100000
50000
0

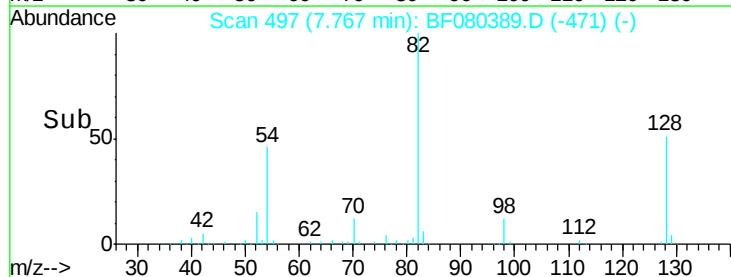
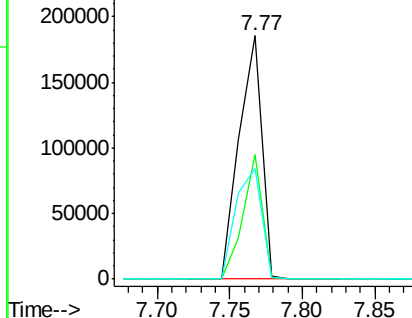


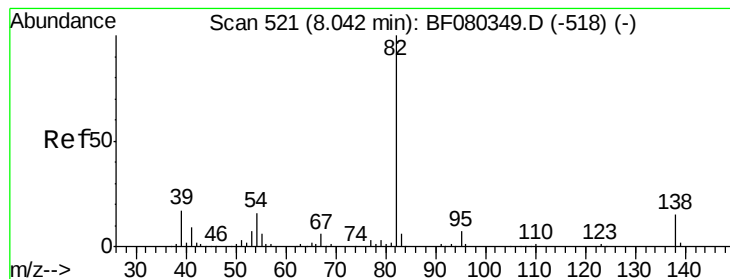
#23
Nitrobenzene-d5
Concen: 72.49 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080389.D
Acq: 8 Jul 2015 15:53

Tgt Ion:	82	Resp:	202985
Ion	Ratio	Lower	Upper
82	100		
128	51.0	38.4	57.6
54	45.5	38.2	57.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
250000
Ion 128.00 (127.70 to 128.70): E
200000
Ion 54.00 (53.70 to 54.70): BF0
150000
100000
50000
0





#25

Isophorone

Concen: 37.61 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.25 min

Lab File: BF080389.D

Acq: 8 Jul 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB84381TB

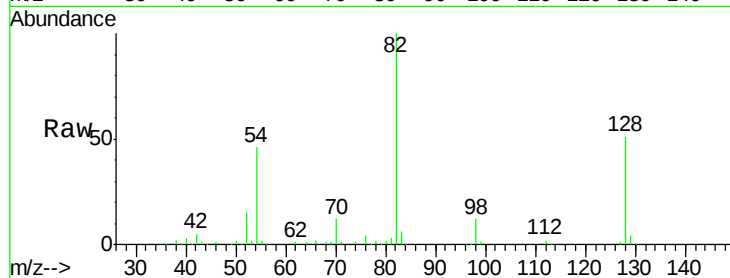
Tgt Ion: 82 Resp: 202723

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

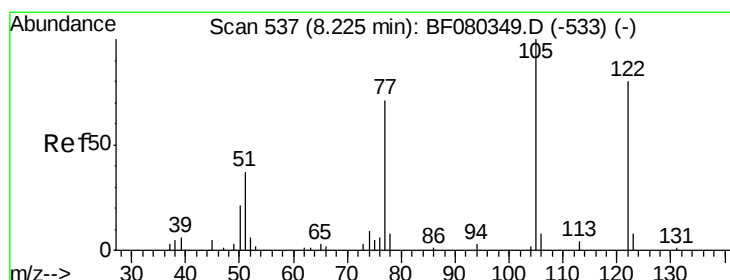
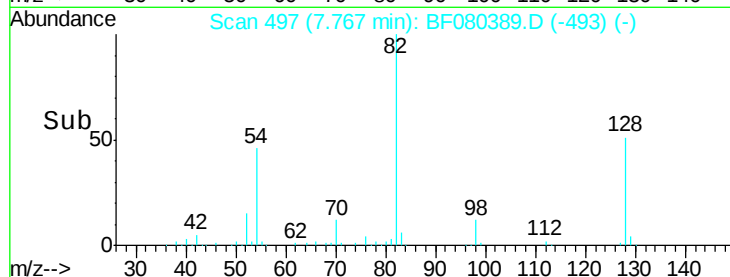
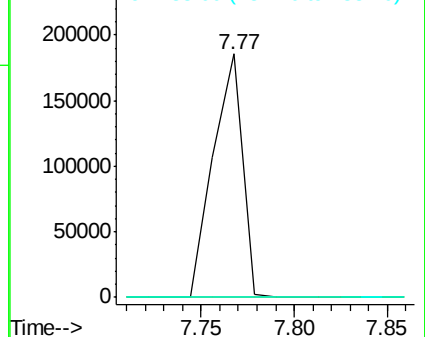
138 0.0 12.0 18.0#



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: 5.68 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF080389.D

Acq: 8 Jul 2015 15:53

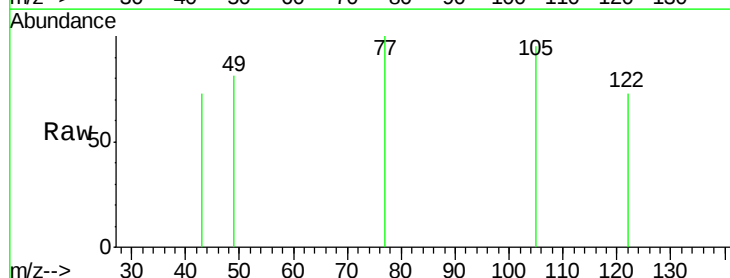
Tgt Ion: 122 Resp: 259

Ion Ratio Lower Upper

122 100

105 130.2 102.2 142.2

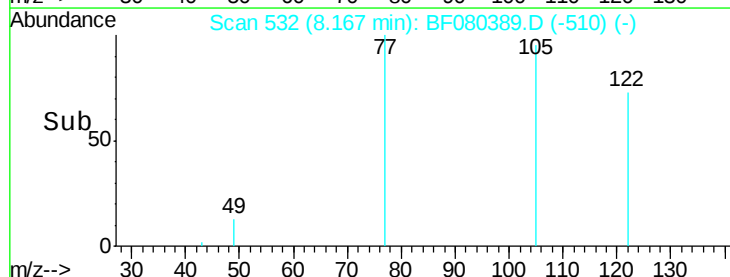
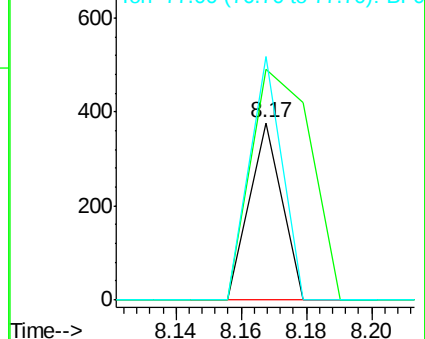
77 137.4 68.8 108.8#

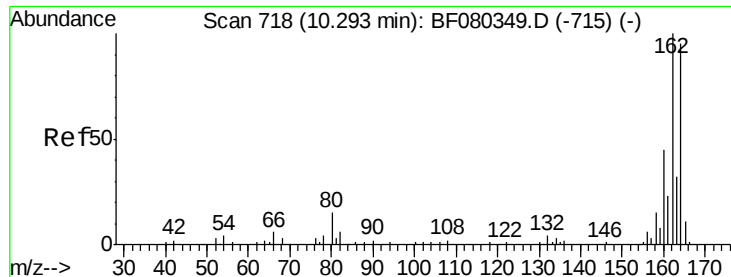


Abundance Ion 122.00 (121.70 to 122.70): E

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: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080389.D

Acq: 8 Jul 2015 15:53

Instrument :

BNA_F

ClientSampleId :

PB84381TB

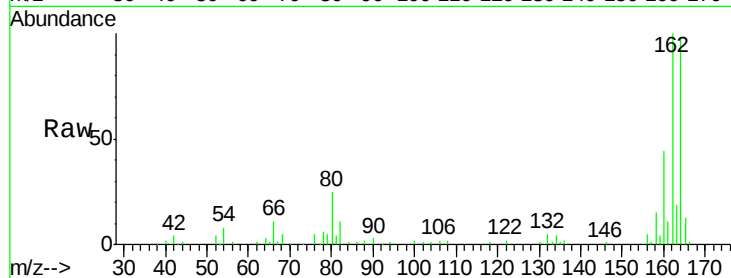
Tgt Ion:164 Resp: 81291

Ion Ratio Lower Upper

164 100

162 101.9 84.5 126.7

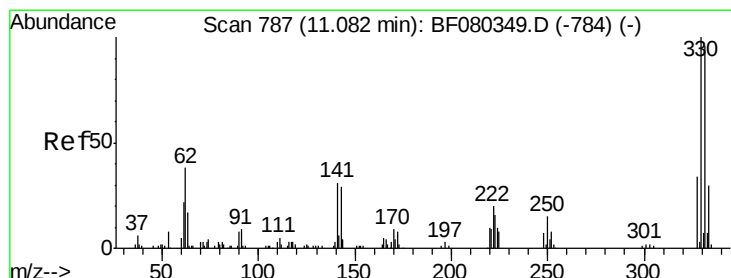
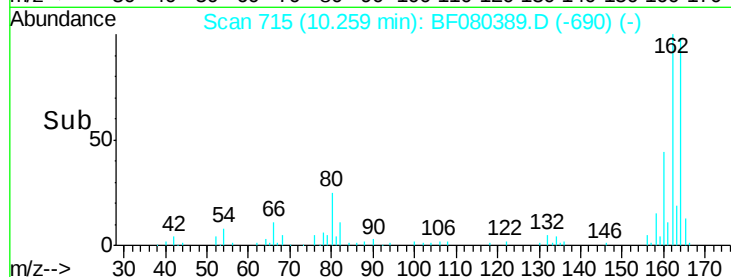
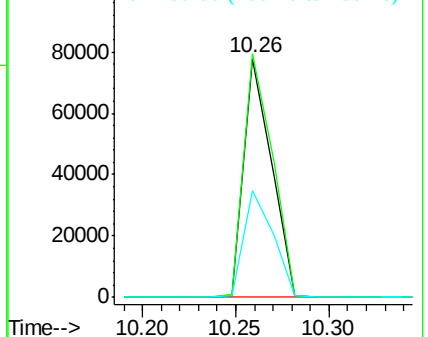
160 44.5 37.7 56.5



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: 118.25 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF080389.D

Acq: 8 Jul 2015 15:53

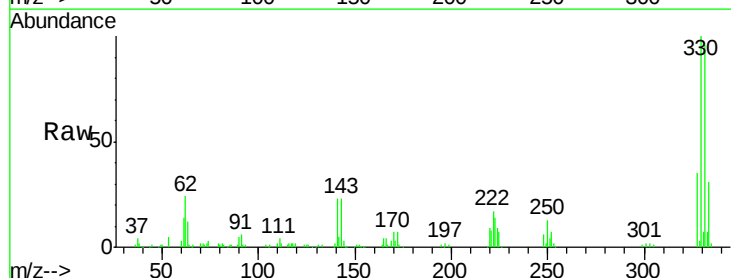
Tgt Ion:330 Resp: 100583

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

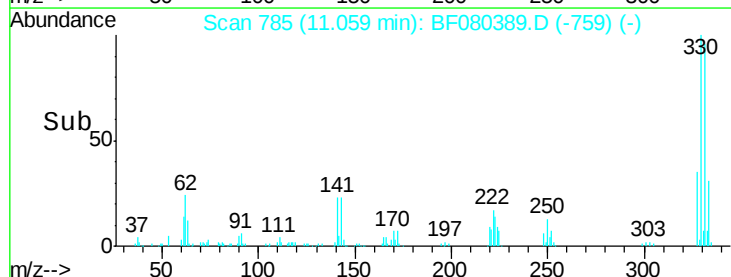
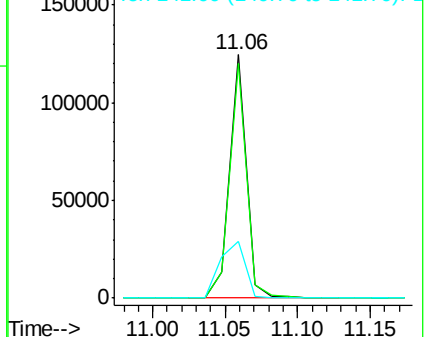
141 34.7 29.6 44.4

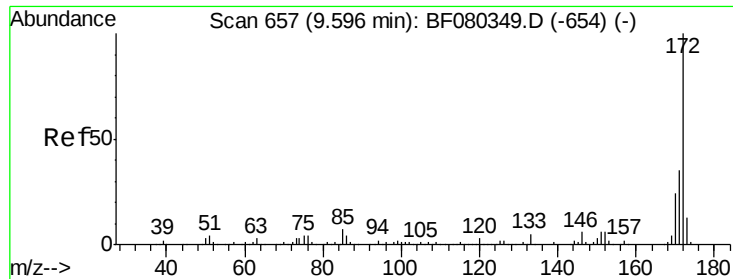


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

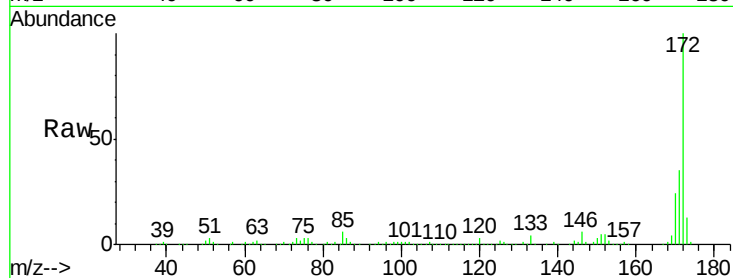




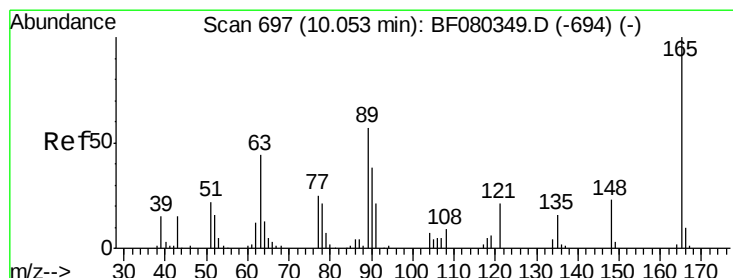
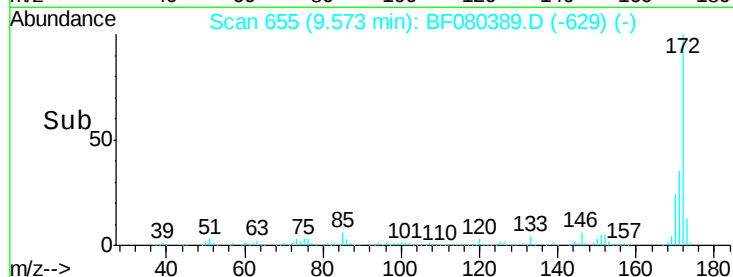
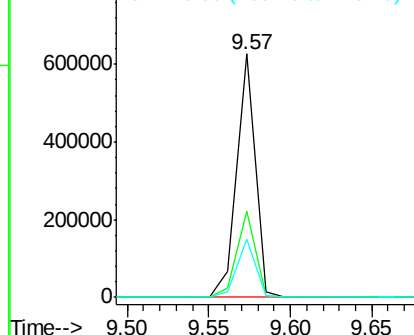
#44
 2-Fluorobiphenyl
 Concen: 81.12 ng
 RT: 9.57 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF080389.D
 Acq: 8 Jul 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB84381TB

Tgt Ion:172 Resp: 488613
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.8 19.1 28.7

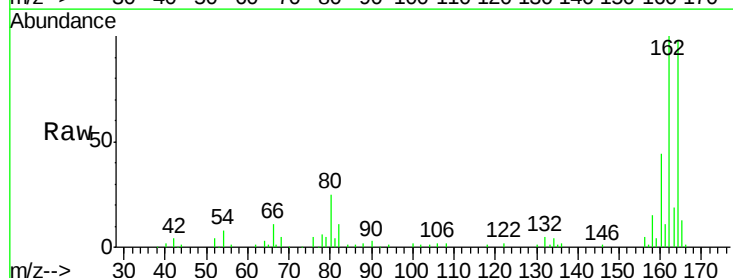


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

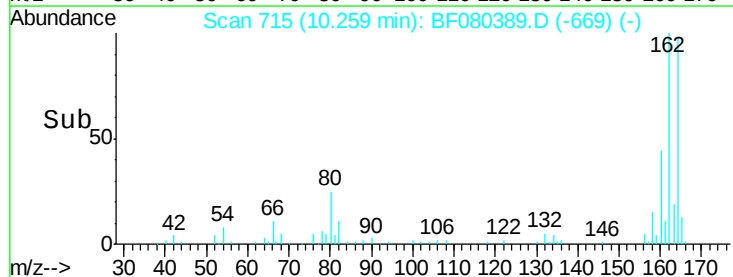
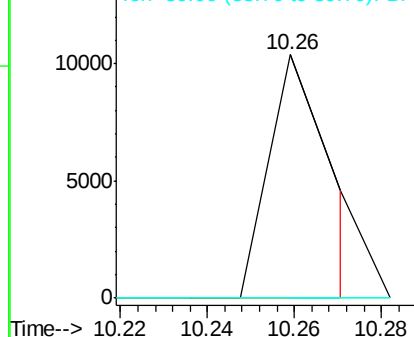


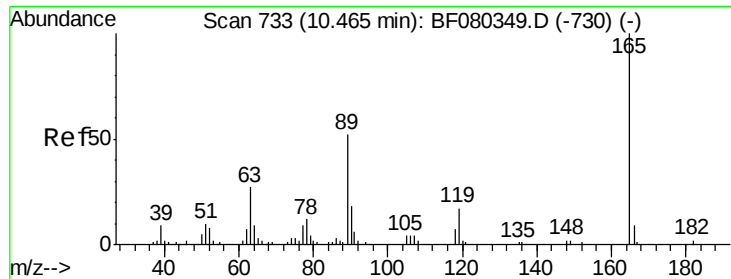
#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 10.26 min Scan# 715
 Delta R.T. 0.23 min
 Lab File: BF080389.D
 Acq: 8 Jul 2015 15:53

Tgt Ion:165 Resp: 10269
 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

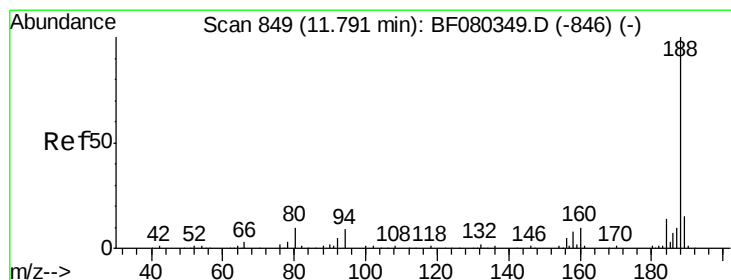
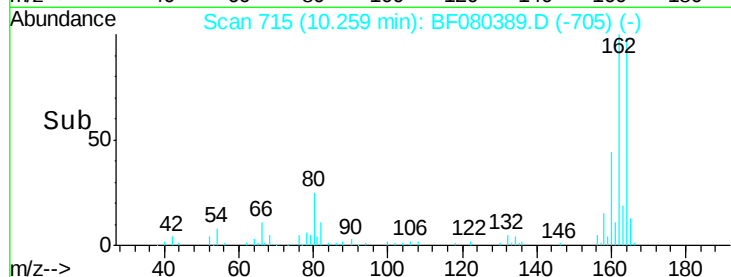
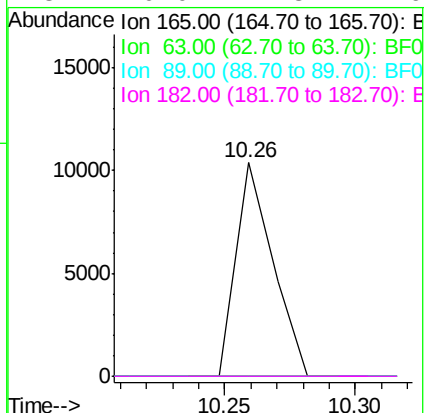
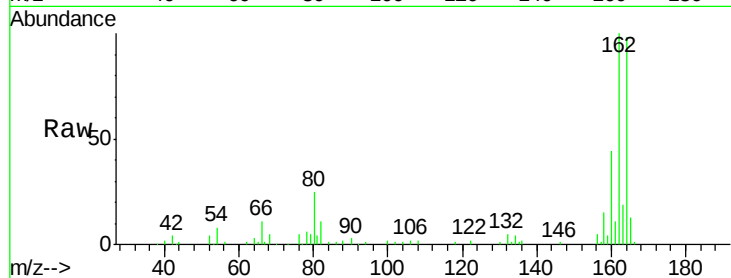




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.18 min
 Lab File: BF080389.D
 Acq: 8 Jul 2015 15:53

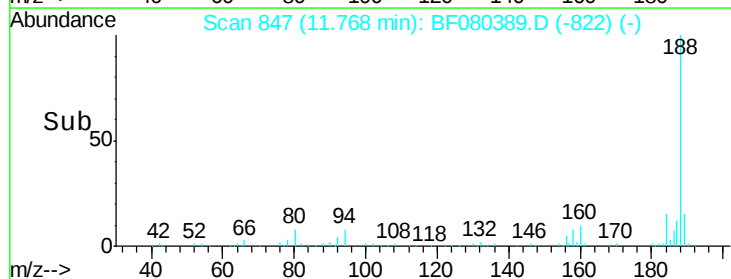
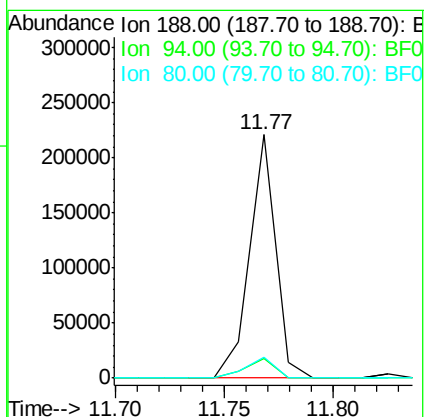
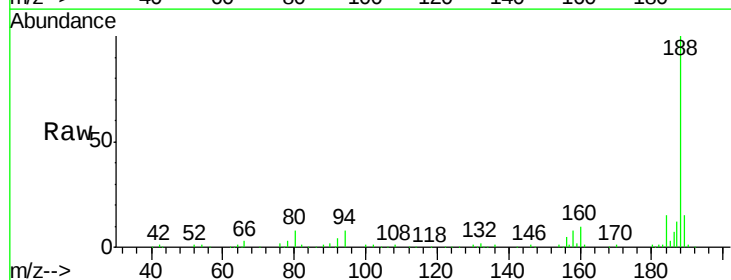
Instrument :
 BNA_F
 ClientSampleId :
 PB84381TB

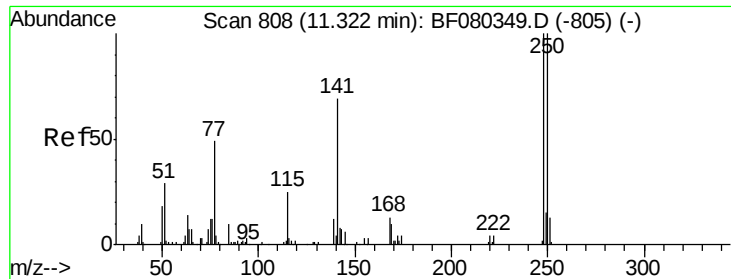
Tgt Ion:	165	Resp:	10266
Ion	Ratio	Lower	Upper
165	100		
63	0.0	21.8	32.8#
89	0.0	41.3	61.9#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.77 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF080389.D
 Acq: 8 Jul 2015 15:53

Tgt Ion:	188	Resp:	184504
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.5	11.3
80	8.4	8.3	12.5

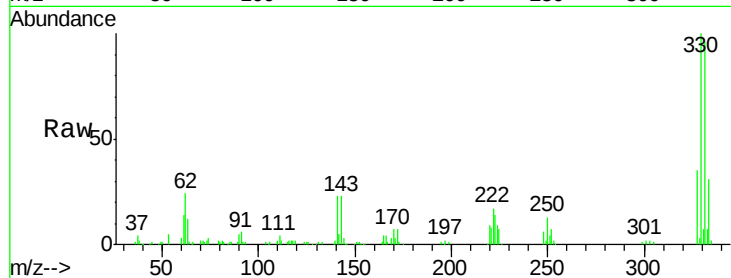




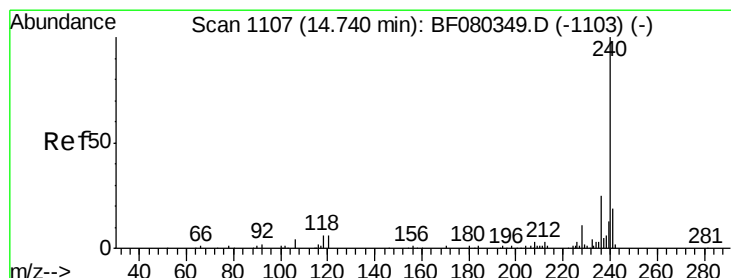
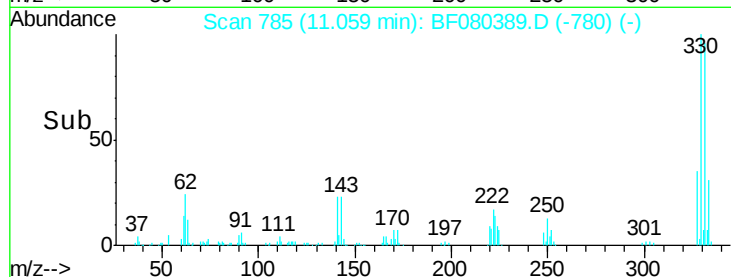
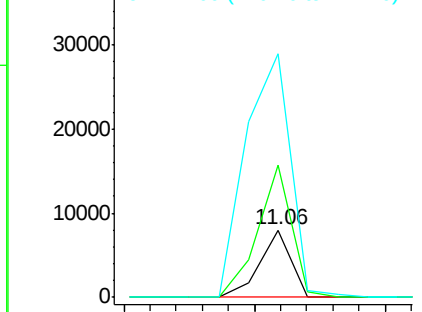
#66
 4-Bromophenyl-phenylether
 Concen: 3.16 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.24 min
 Lab File: BF080389.D
 Acq: 8 Jul 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB84381TB

Tgt Ion:248 Resp: 6676
 Ion Ratio Lower Upper
 248 100
 250 197.6 80.0 120.0#
 141 362.8 54.8 82.2#

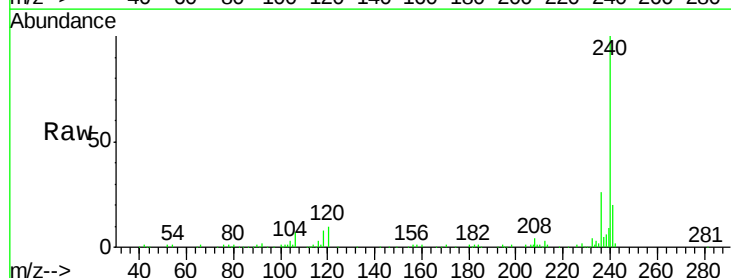


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

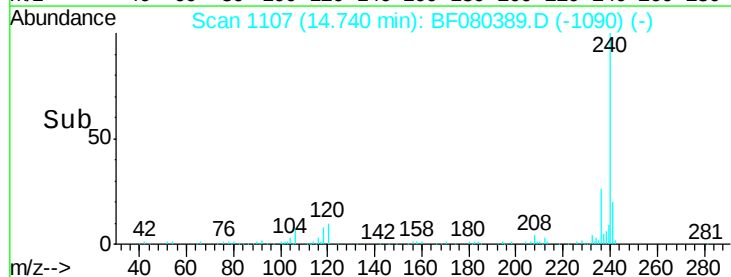
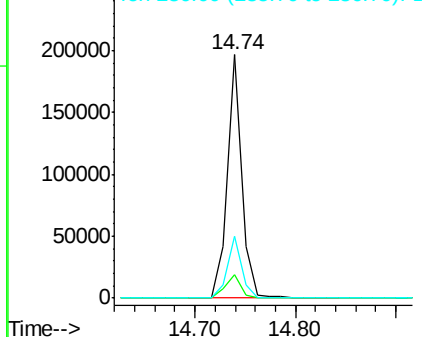


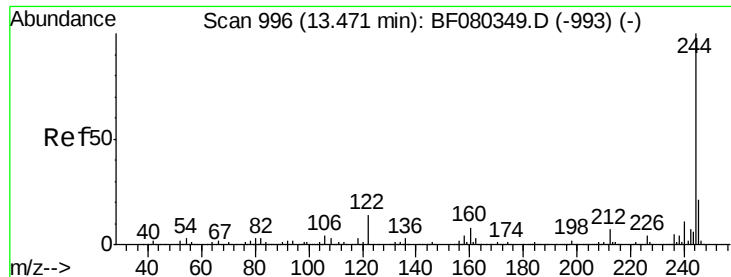
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1107
 Delta R.T. -0.10 min
 Lab File: BF080389.D
 Acq: 8 Jul 2015 15:53

Tgt Ion:240 Resp: 197290
 Ion Ratio Lower Upper
 240 100
 120 9.7 5.1 7.7#
 236 25.5 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

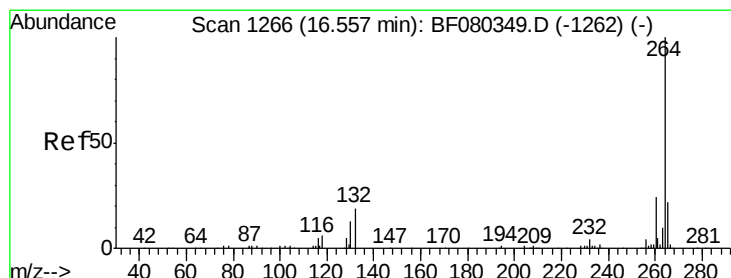
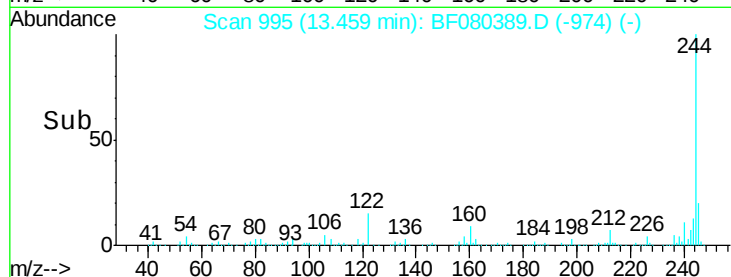
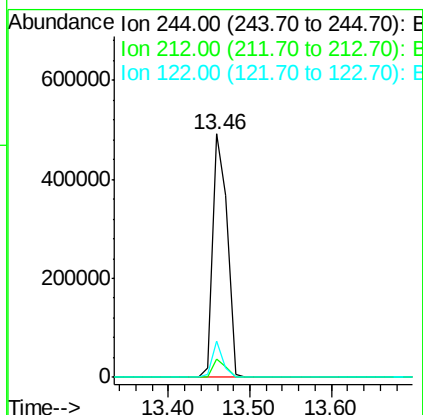
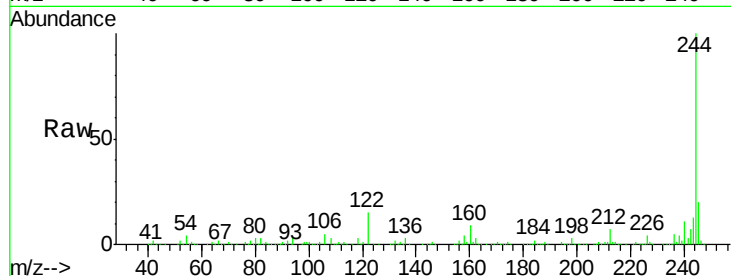




#78
 Terphenyl-d14
 Concen: 72.41 ng
 RT: 13.46 min Scan# 995
 Delta R.T. -0.06 min
 Lab File: BF080389.D
 Acq: 8 Jul 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB84381TB

Tgt Ion:244 Resp: 612455
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 15.0 11.1 16.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. -0.17 min
 Lab File: BF080389.D
 Acq: 8 Jul 2015 15:53

Tgt Ion:264 Resp: 170797
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.4 17.6 26.4

