

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082977.D
 Acq On : 17 Nov 2015 20:35
 Operator : UM/IZ
 Sample : G4439-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:27:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

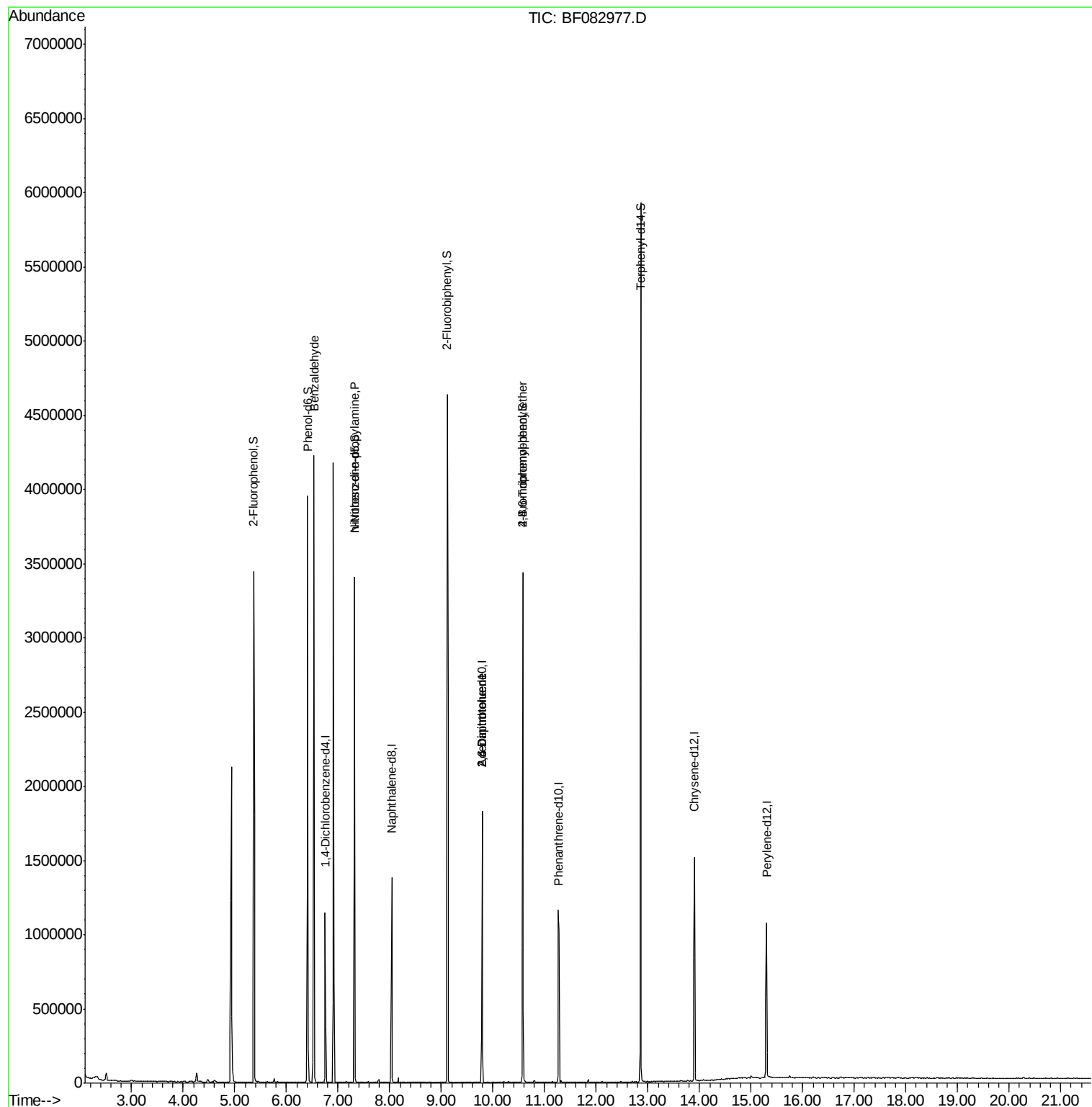
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	170831	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	674755	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	346578	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	624403	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	632606	20.00	ng	-0.11
86) Perylene-d12	15.30	264	488678	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1130754	102.99	ng	-0.08
7) Phenol-d6	6.41	99	1321169	90.51	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1312774	84.66	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	368733	92.79	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1913661	79.14	ng	-0.10
78) Terphenyl-d14	12.87	244	1969314	73.84	ng	-0.10
Target Compounds						
9) Benzaldehyde	6.53	77	33933	4.21	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.32	70	180426	16.82	ng	# 67
50) 2,6-Dinitrotoluene	9.79	165	45181	7.46	ng	# 17
56) 2,4-Dinitrotoluene	9.79	165	45182	5.50	ng	# 15
66) 4-Bromophenyl-phenylether	10.58	248	24177	3.22	ng	# 1

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

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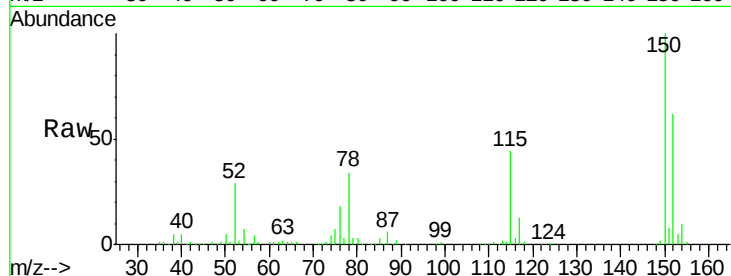


#1

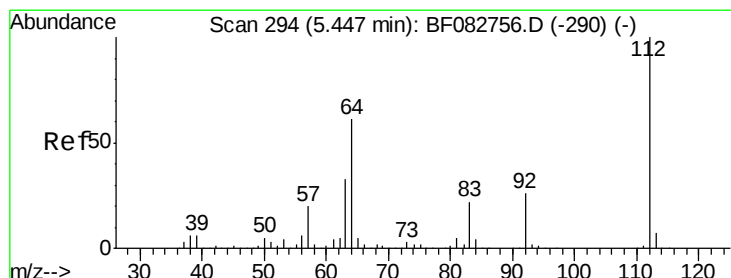
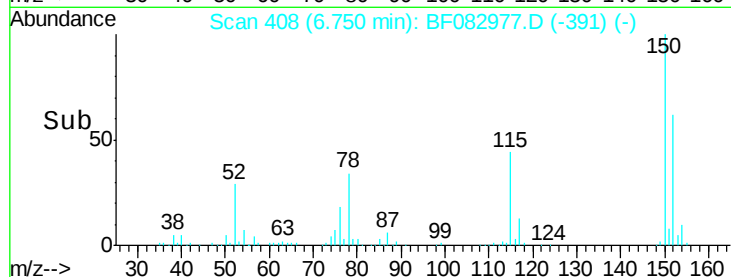
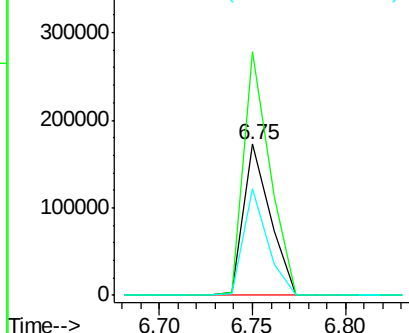
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082977.D
Acq: 17 Nov 2015 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170831
Ion Ratio Lower Upper
152 100
150 161.1 127.0 190.4
115 70.4 47.0 70.6



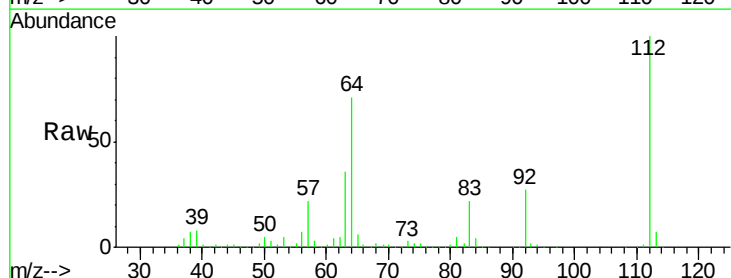
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



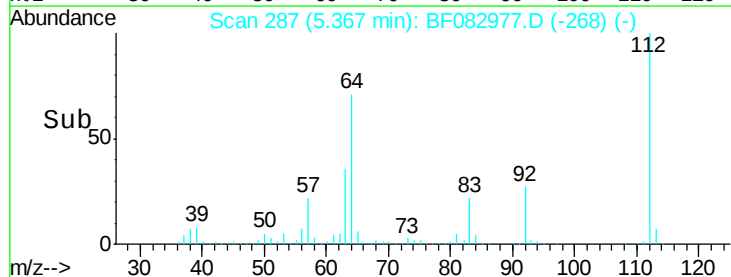
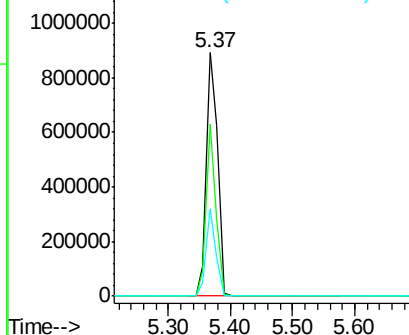
#5

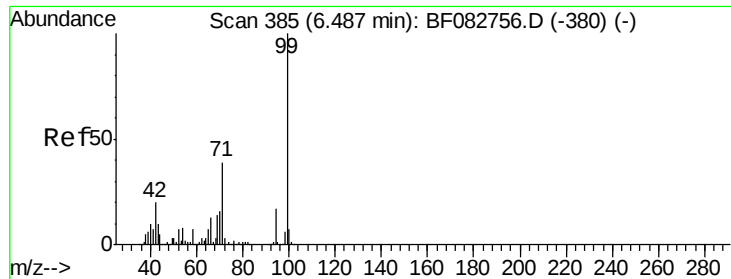
2-Fluorophenol
Concen: 102.99 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.08 min
Lab File: BF082977.D
Acq: 17 Nov 2015 20:35

Tgt Ion:112 Resp: 1130754
Ion Ratio Lower Upper
112 100
64 70.7 48.9 73.3
63 36.1 28.1 42.1



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: 90.51 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

Instrument :

BNA_F

ClientSampleId :

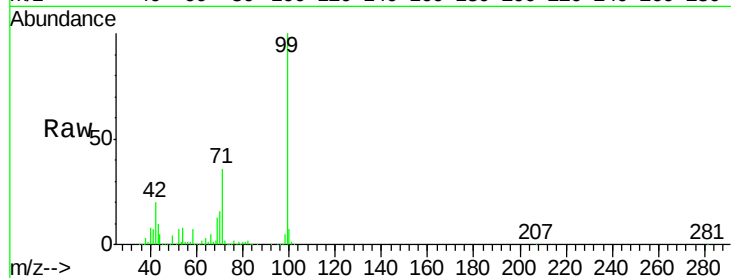
Tot Ion: 99 Resp: 1321169

Ion Ratio Lower Upper

99 100

42 19.8 19.2 28.8

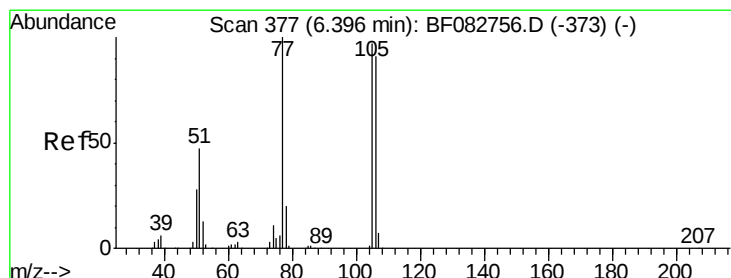
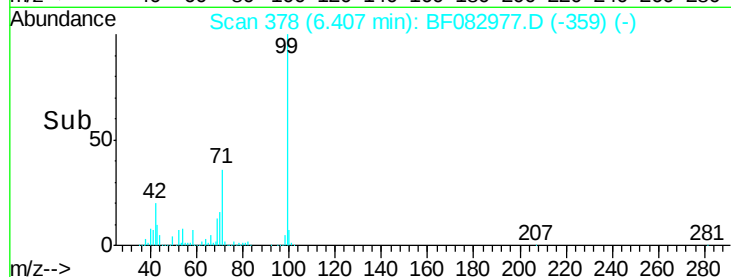
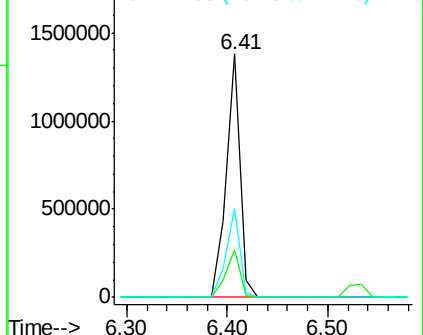
71 36.2 35.0 52.4



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



#9

Benzaldehyde

Concen: 4.21 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.14 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

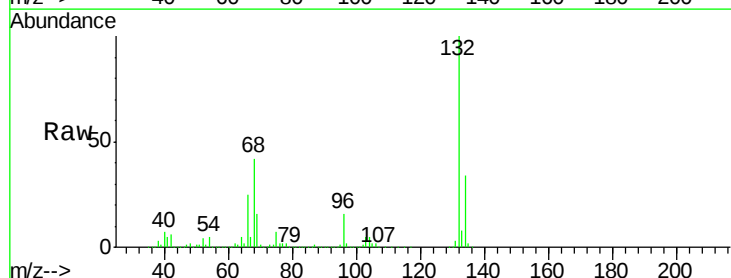
Tgt Ion: 77 Resp: 33933

Ion Ratio Lower Upper

77 100

105 83.0 63.5 103.5

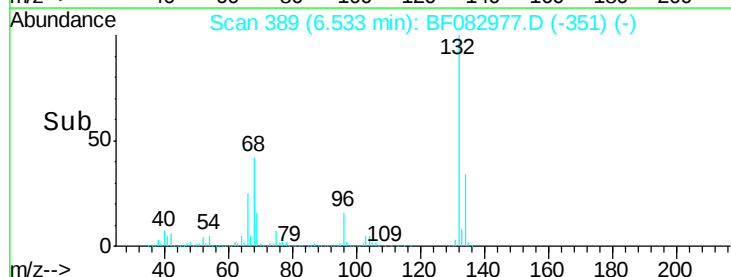
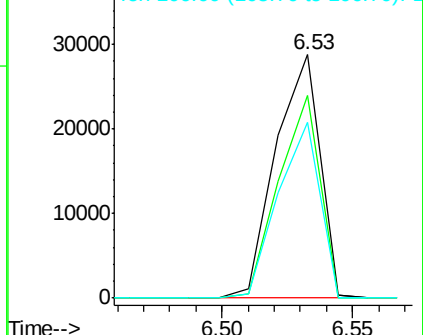
106 72.2 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

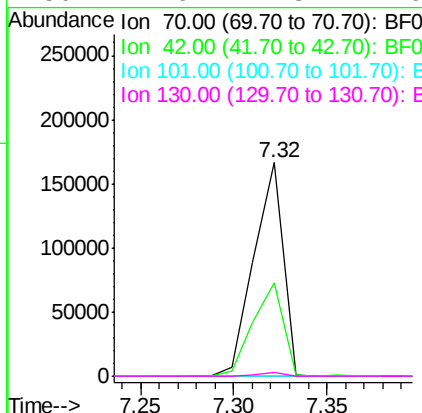
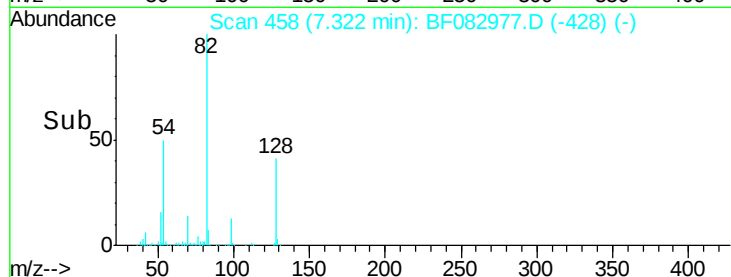
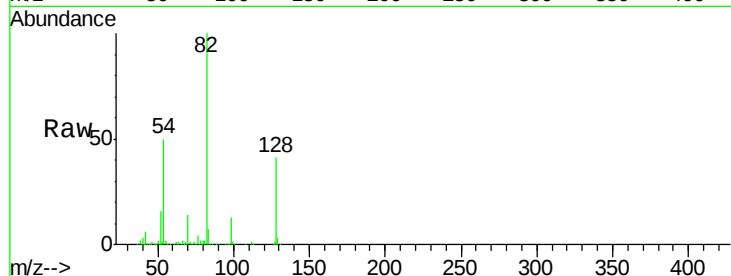




#19
n-Nitroso-di-n-propylamine
Concen: 16.82 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082977.D
Acq: 17 Nov 2015 20:35

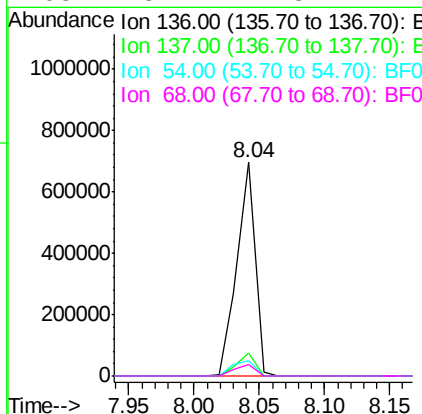
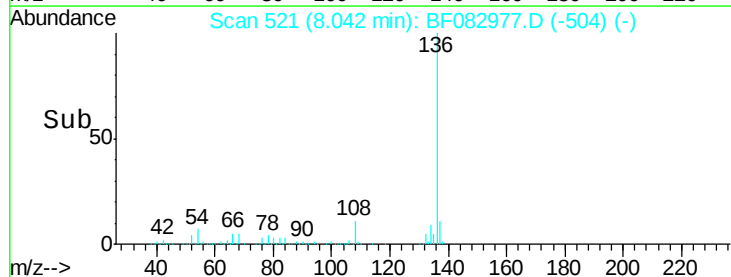
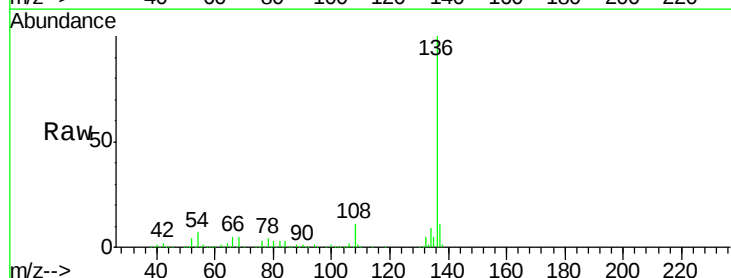
Instrument :
BNA_F
ClientSampled :

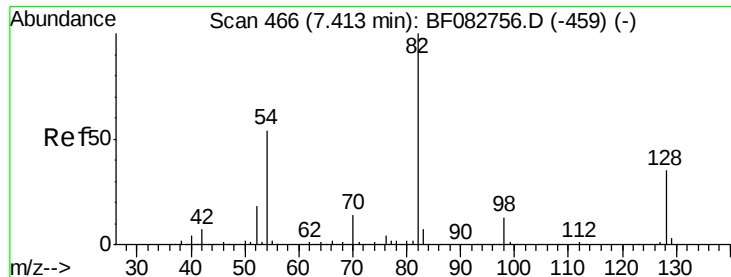
Tot Ion: 70 Resp: 180426
Ion Ratio Lower Upper
70 100
42 43.6 57.7 86.5#
101 0.0 7.0 10.6#
130 1.6 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082977.D
Acq: 17 Nov 2015 20:35

Tgt Ion: 136 Resp: 674755
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.2 9.1 13.7#
68 5.4 4.8 7.2

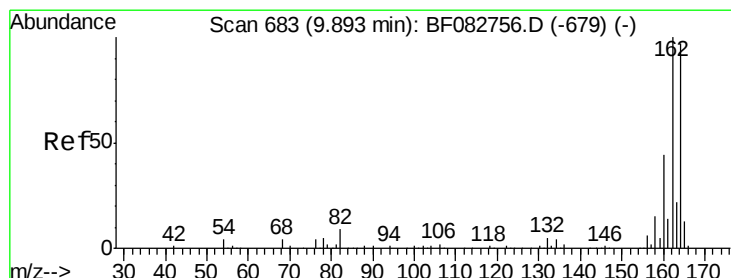
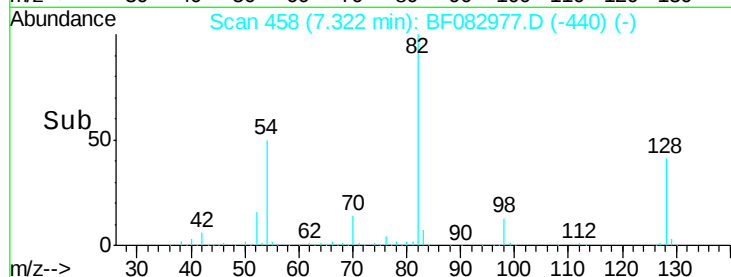
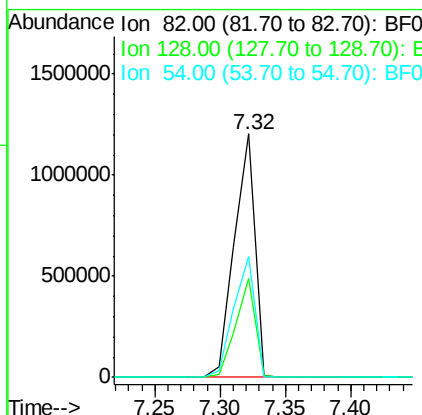
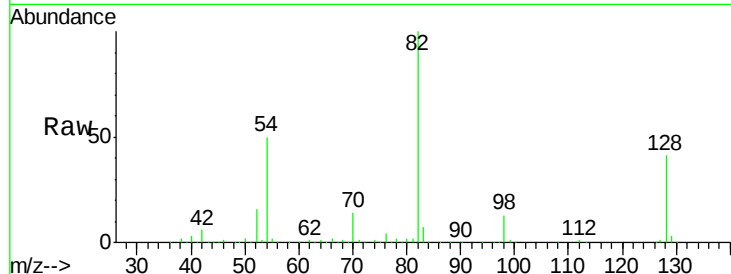




#23
 Nitrobenzene-d5
 Concen: 84.66 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

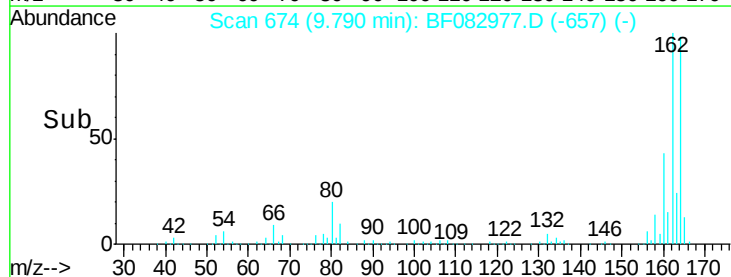
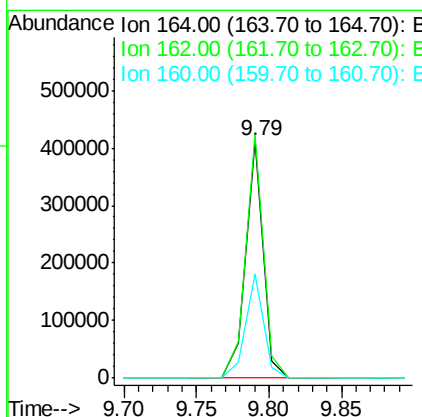
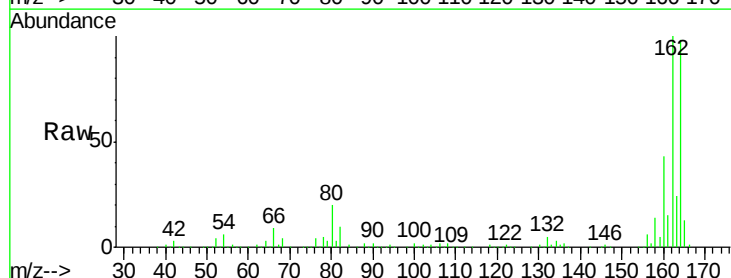
Instrument :
 BNA_F
 ClientSampleId :

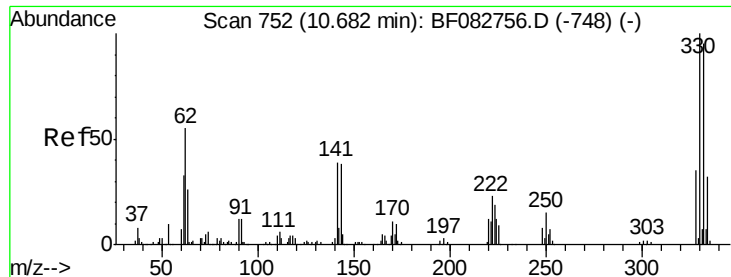
Tot Ion: 82 Resp: 1312774
 Ion Ratio Lower Upper
 82 100
 128 40.6 26.8 40.2#
 54 49.8 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

Tgt Ion:164 Resp: 346578
 Ion Ratio Lower Upper
 164 100
 162 102.5 84.9 127.3
 160 43.6 37.5 56.3

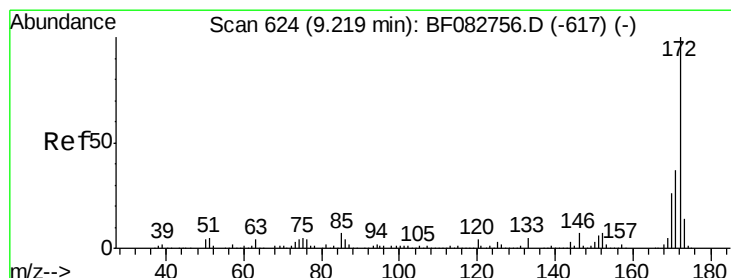
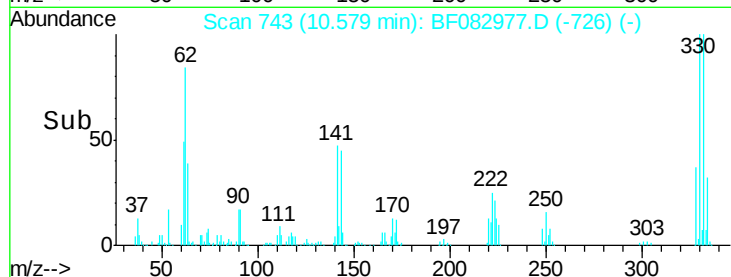
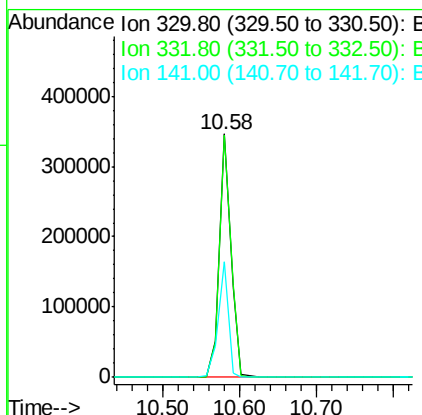
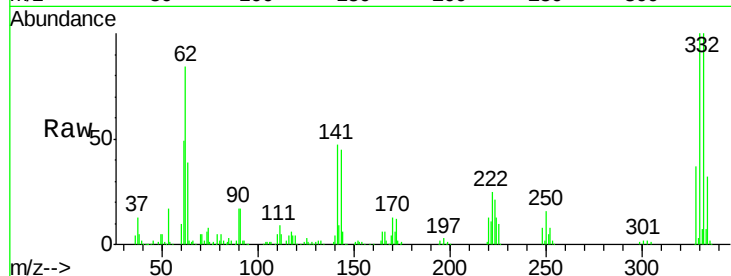




#41
 2,4,6-Tribromophenol
 Concen: 92.79 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

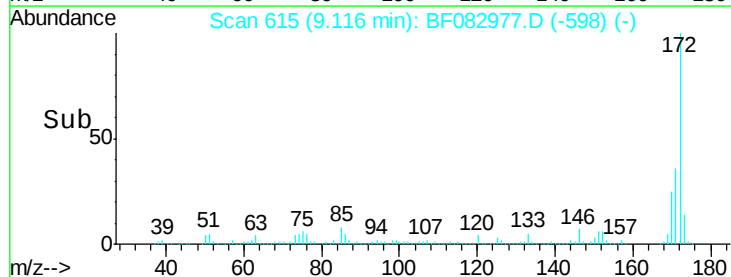
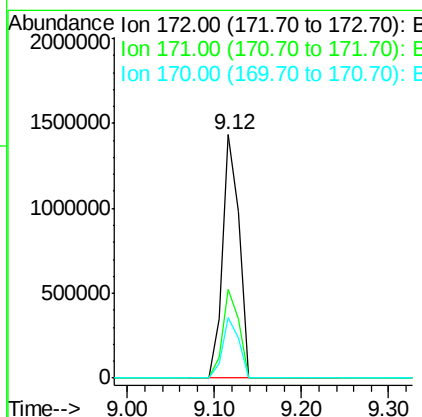
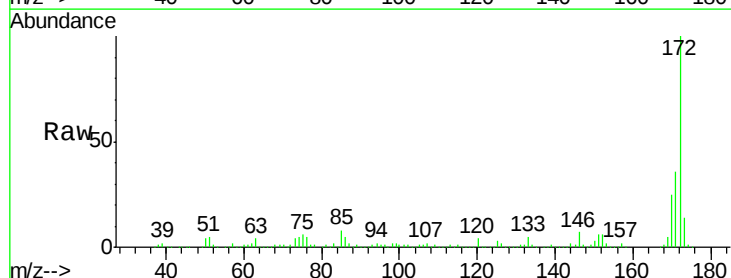
Instrument :
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 ClientSampleId :

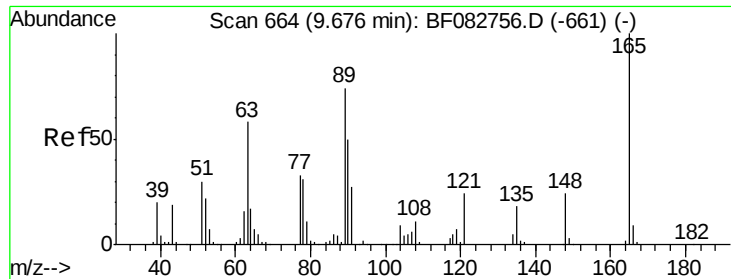
Tot Ion:330 Resp: 368733
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.6 114.8
 141 41.0 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 79.14 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

Tgt Ion:172 Resp: 1913661
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.8 46.2
 170 25.1 21.2 31.8

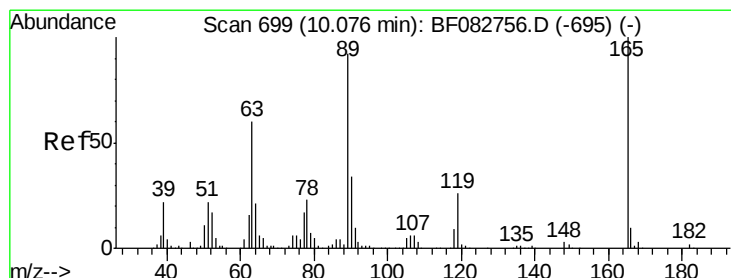
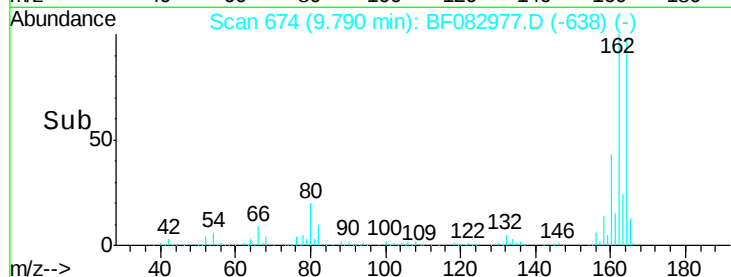
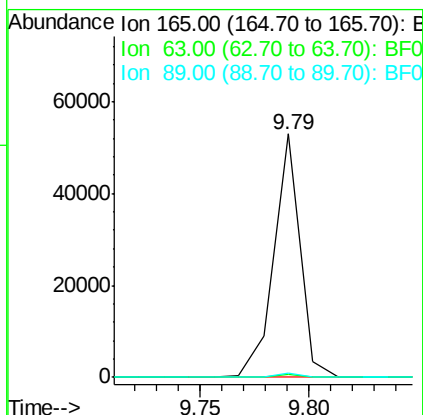
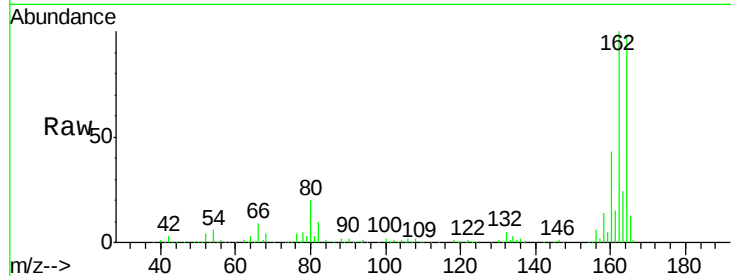




#50
 2,6-Dinitrotoluene
 Concen: 7.46 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.11 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

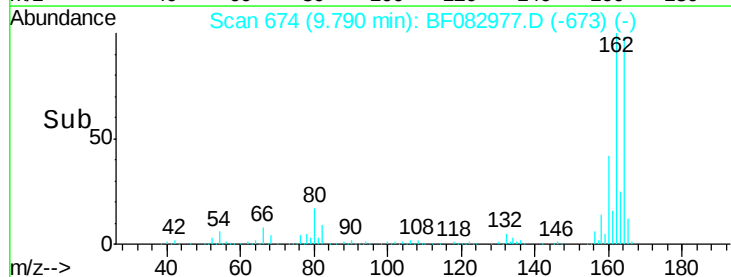
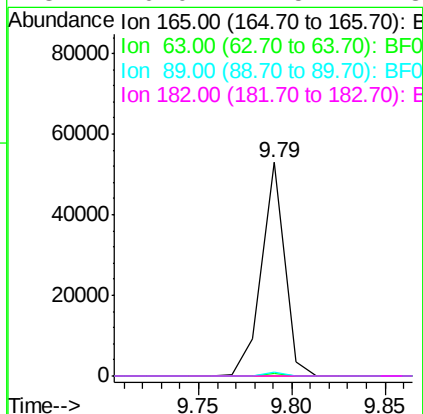
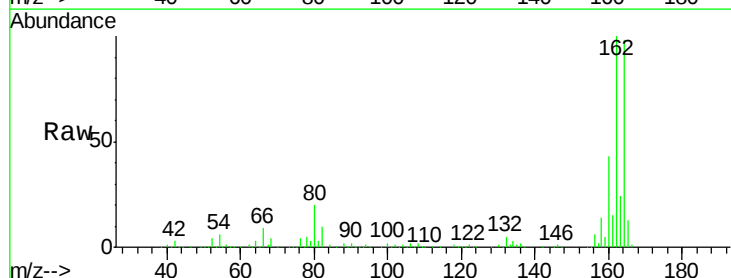
Instrument :
 BNA_F
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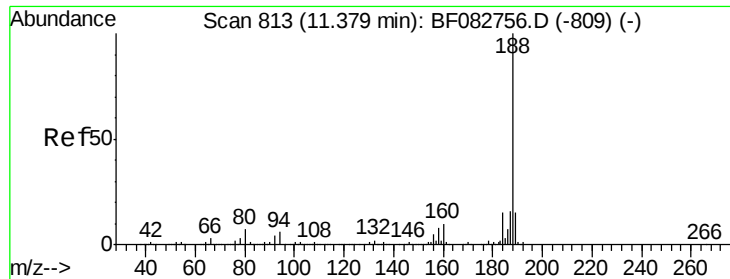
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	55.5	83.3#
89	1.5	55.0	82.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.50 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.29 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.4	65.0#
89	1.5	70.6	106.0#
182	0.0	1.5	2.3#

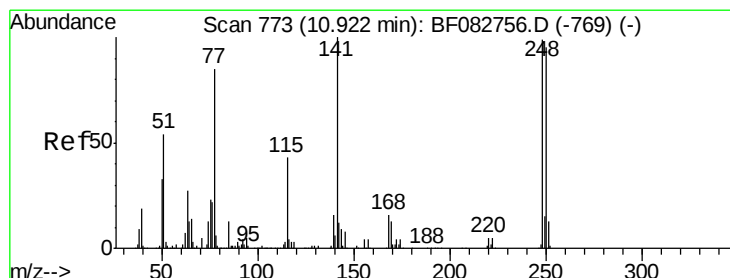
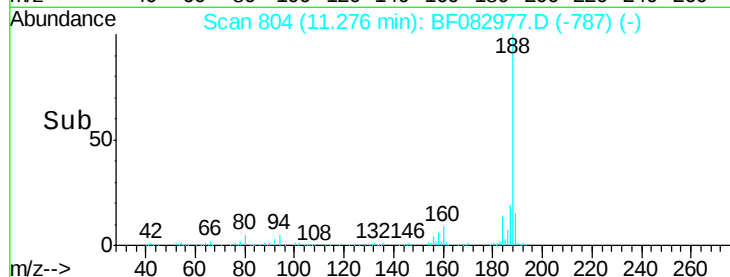
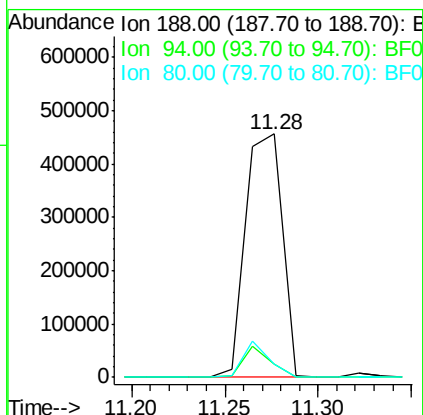
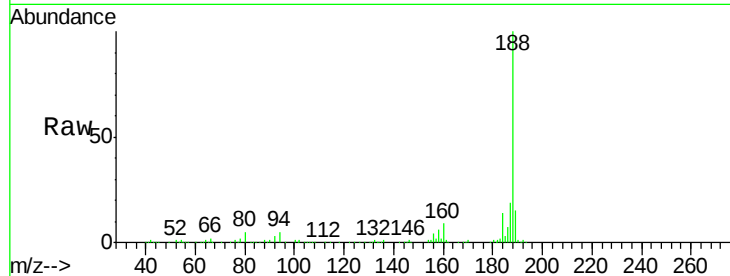




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082977.D
Acq: 17 Nov 2015 20:35

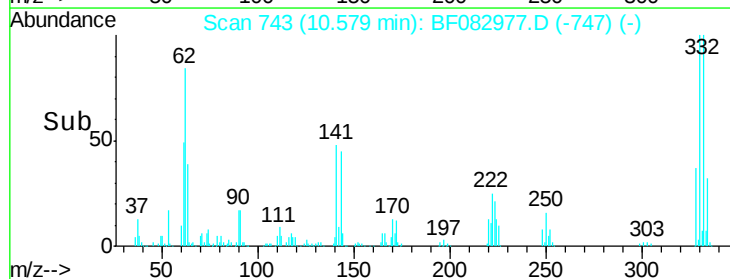
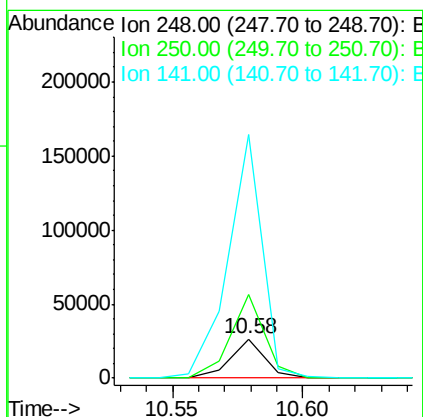
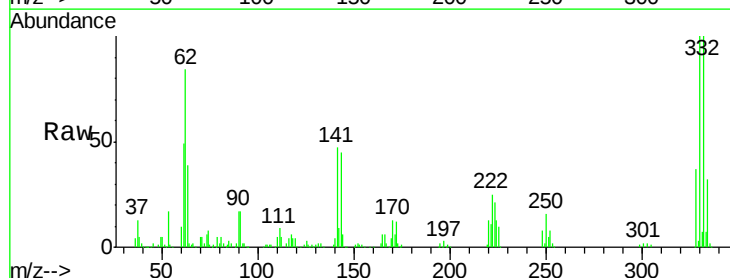
Instrument :
BNA_F
ClientSampleId :

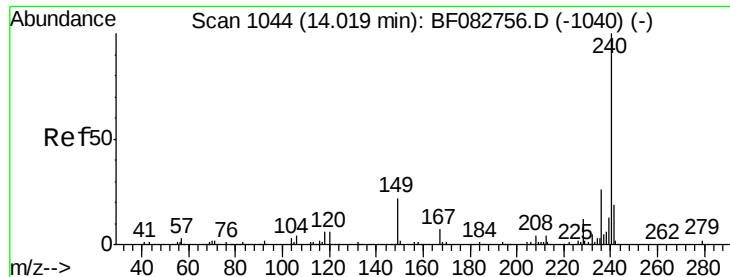
Tot Ion:188 Resp: 624403
Ion Ratio Lower Upper
188 100
94 5.3 6.1 9.1#
80 5.4 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082977.D
Acq: 17 Nov 2015 20:35

Tgt Ion:248 Resp: 24177
Ion Ratio Lower Upper
248 100
250 213.7 79.4 119.2#
141 625.1 36.3 54.5#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

Instrument :

BNA_F

ClientSampleId :

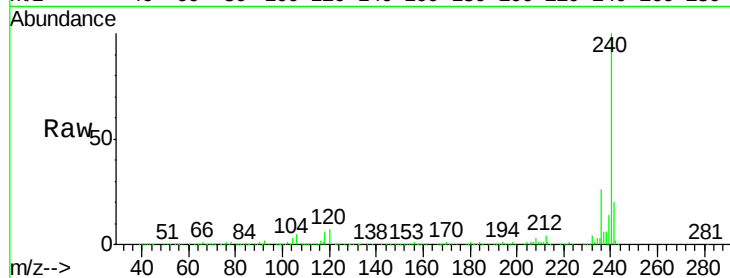
Tot Ion:240 Resp: 632606

Ion Ratio Lower Upper

240 100

120 6.7 10.9 16.3#

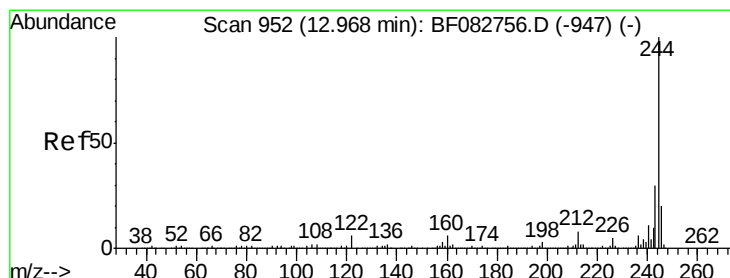
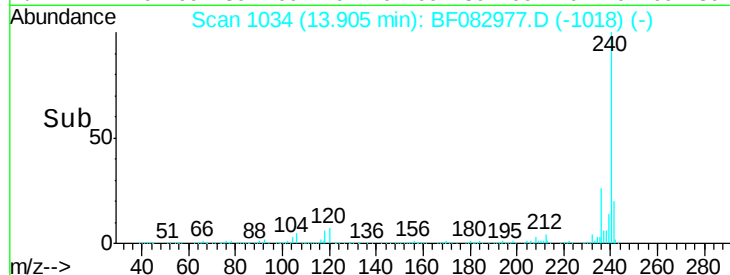
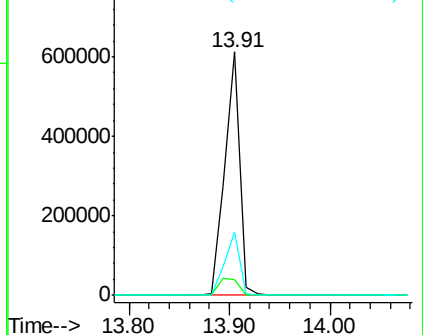
236 25.8 21.6 32.4



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: 73.84 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082977.D

Acq: 17 Nov 2015 20:35

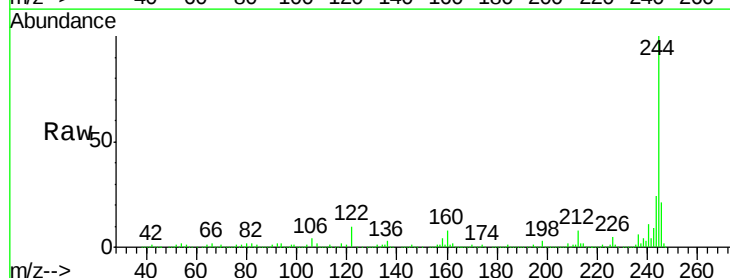
Tgt Ion:244 Resp: 1969314

Ion Ratio Lower Upper

244 100

212 8.0 7.6 11.4

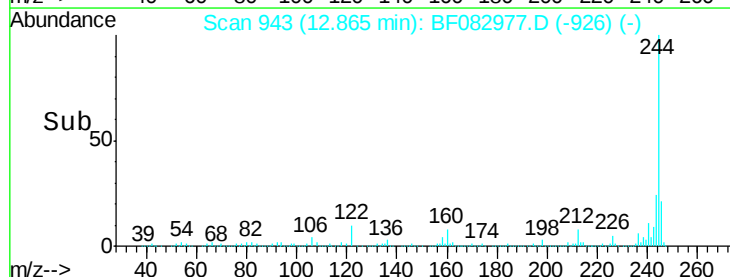
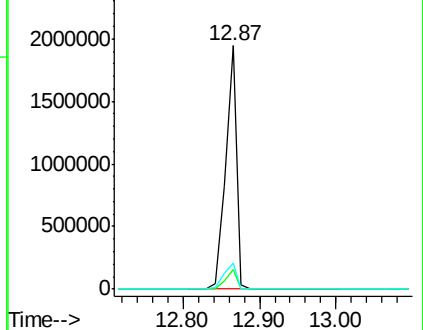
122 10.5 11.3 16.9#

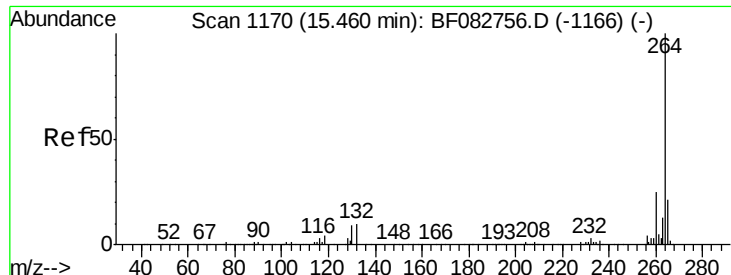


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

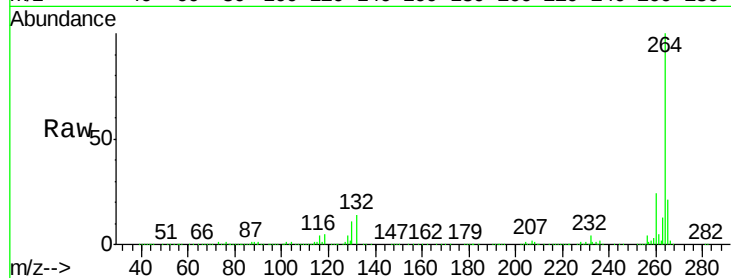




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082977.D
 Acq: 17 Nov 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.3	17.4	26.0



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

