

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082876.D
 Acq On : 10 Nov 2015 18:20
 Operator : UM/IZ
 Sample : G4326-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151104MGP226BRV103

Quant Time: Nov 13 17:34:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

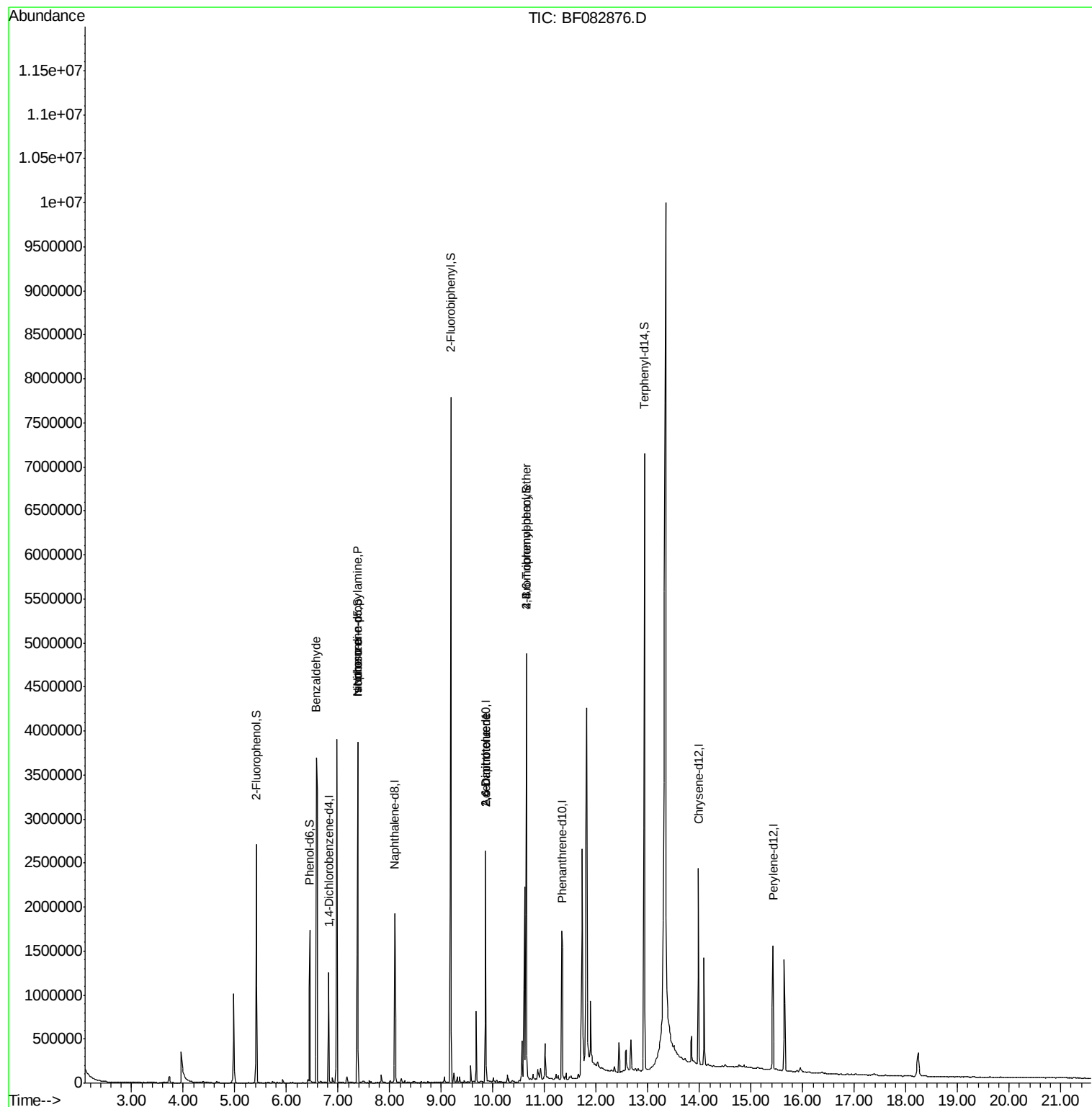
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	233492	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	880454	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	504327	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	890635	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	858379	20.00	ng	-0.03
86) Perylene-d12	15.43	264	663224	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	780151	51.99	ng	-0.03
7) Phenol-d6	6.45	99	733527	36.77	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1397370	69.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	525723	90.91	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2239762	63.65	ng	-0.03
78) Terphenyl-d14	12.93	244	2269813	62.72	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.58	77	34863	3.16	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.38	70	192952	13.16	ng	# 69
25) Isophorone	7.38	82	1376460	36.76	ng	# 69
50) 2,6-Dinitrotoluene	9.86	165	64475	7.31	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	64463	5.39	ng	# 15
66) 4-Bromophenyl-phenylether	10.65	248	38527	3.59	ng	# 1

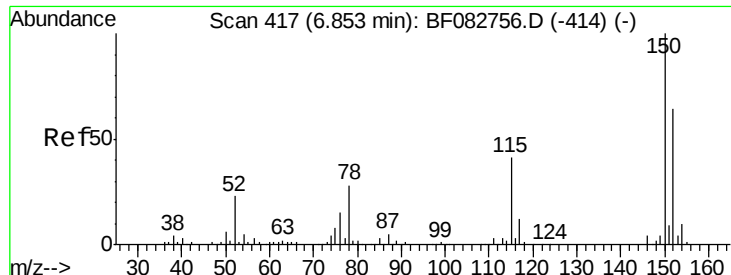
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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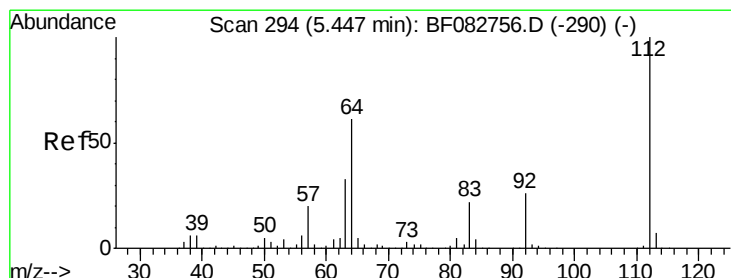
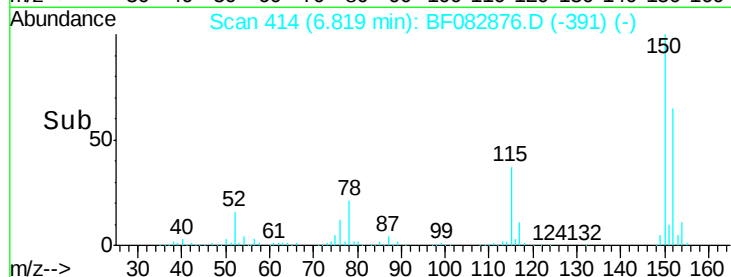
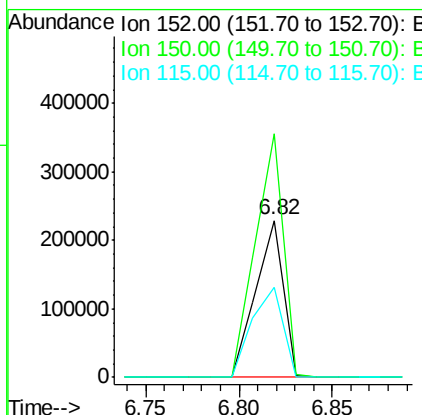
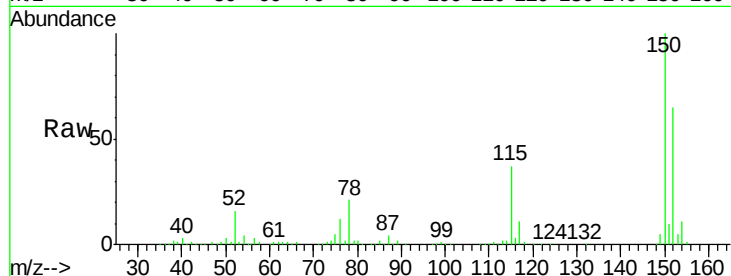




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF082876.D
 Acq: 10 Nov 2015 18:20

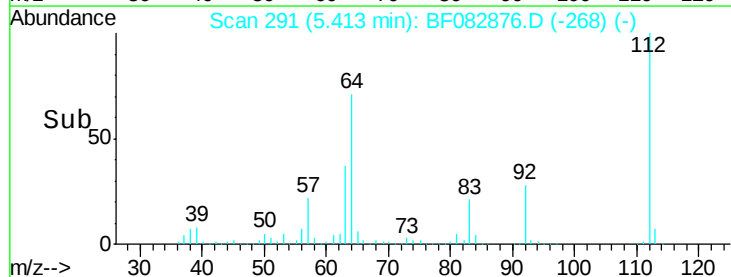
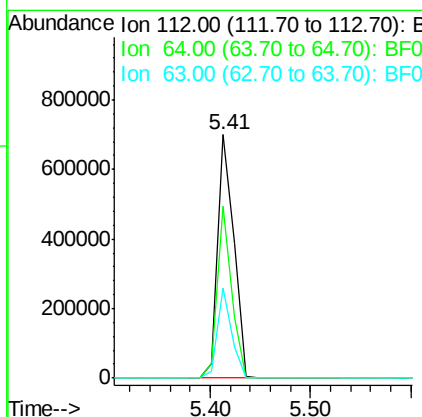
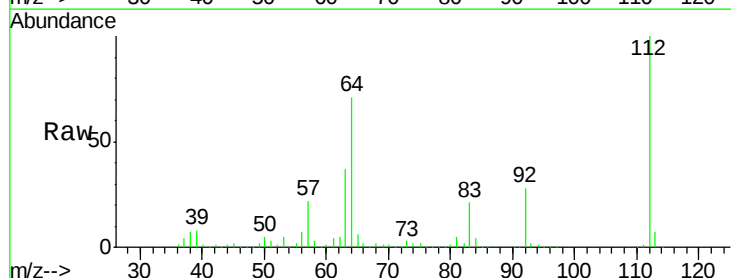
Instrument :
 BNA_F
 ClientSampleId :
 20151104MGP226BRV103

Tgt Ion:152 Resp: 233492
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.0 190.4
 115 57.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 51.99 ng
 RT: 5.41 min Scan# 291
 Delta R.T. -0.03 min
 Lab File: BF082876.D
 Acq: 10 Nov 2015 18:20

Tgt Ion:112 Resp: 780151
 Ion Ratio Lower Upper
 112 100
 64 70.8 48.9 73.3
 63 36.7 28.1 42.1





#7

Phenol-d6

Concen: 36.77 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082876.D

Acq: 10 Nov 2015 18:20

Instrument :

BNA_F

ClientSampleId :

20151104MGP226BRV103

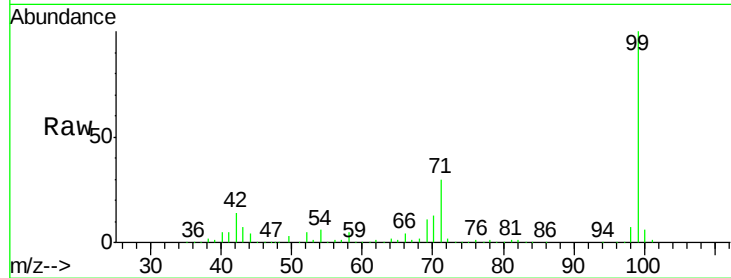
Tgt Ion: 99 Resp: 733527

Ion Ratio Lower Upper

99 100

42 13.5 19.2 28.8#

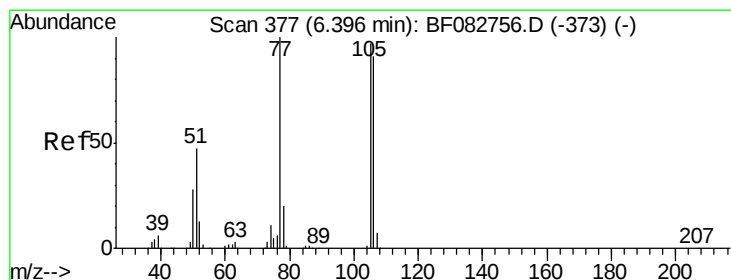
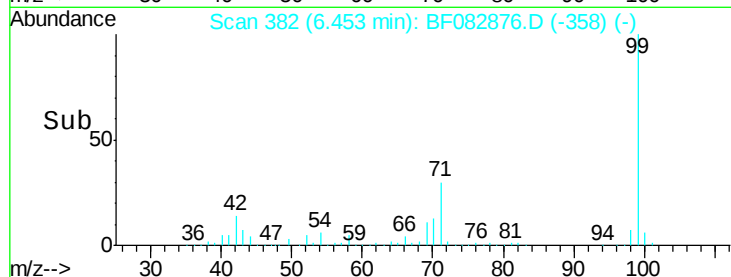
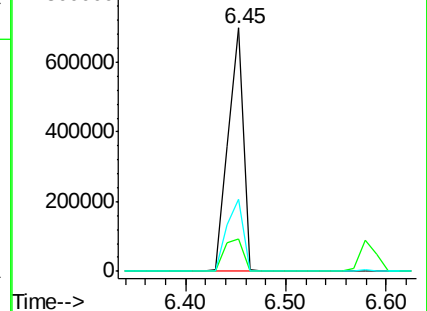
71 29.8 35.0 52.4#



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: 3.16 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.18 min

Lab File: BF082876.D

Acq: 10 Nov 2015 18:20

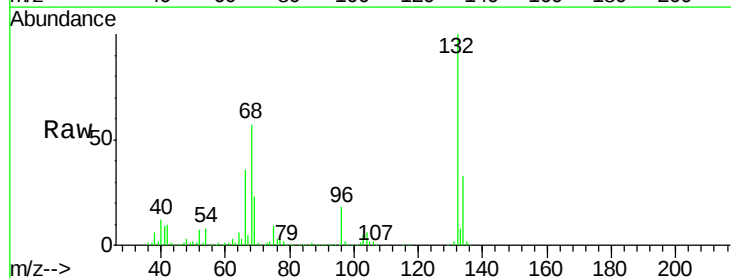
Tgt Ion: 77 Resp: 34863

Ion Ratio Lower Upper

77 100

105 75.9 63.5 103.5

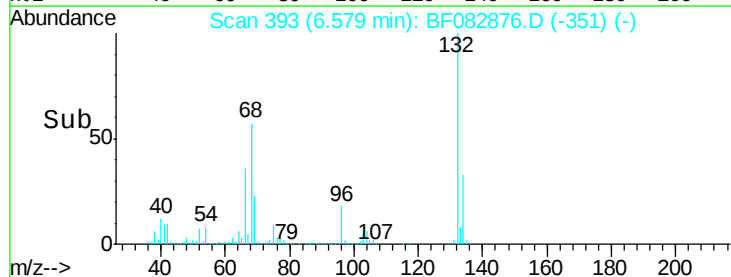
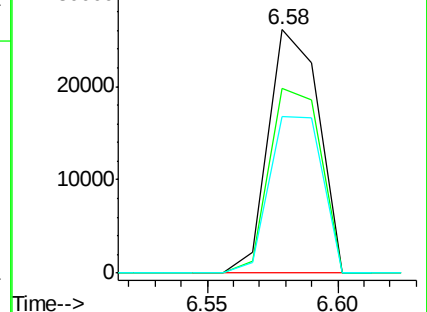
106 64.5 59.3 99.3

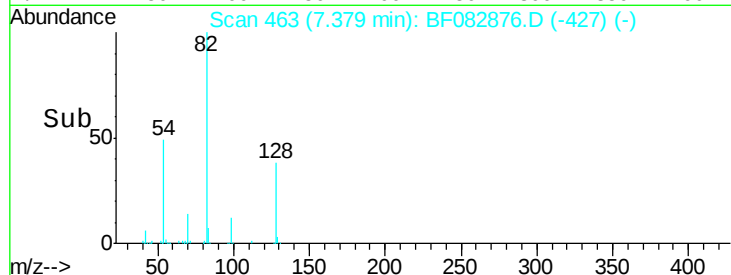
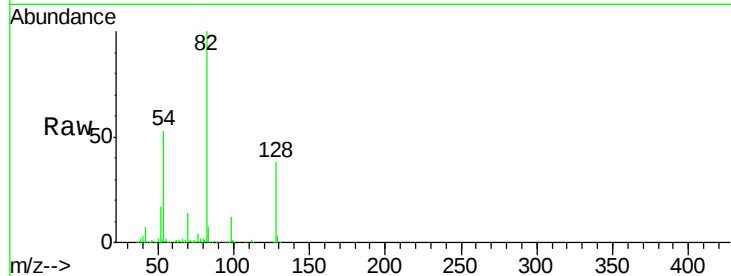


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

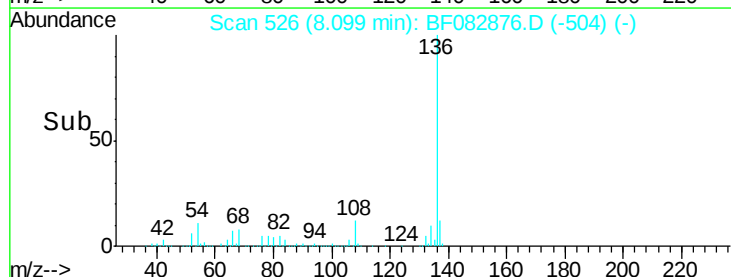
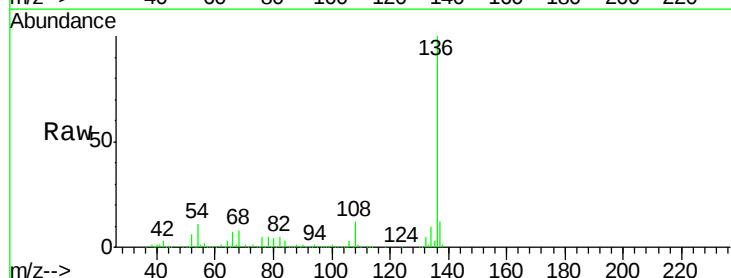
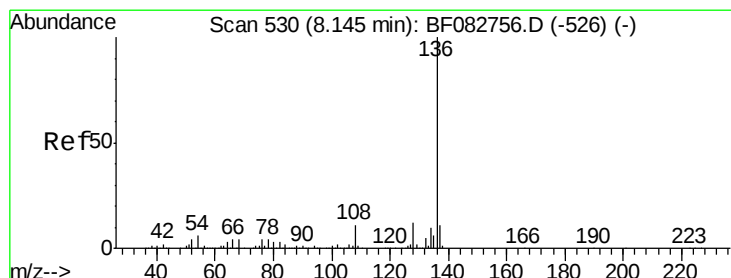
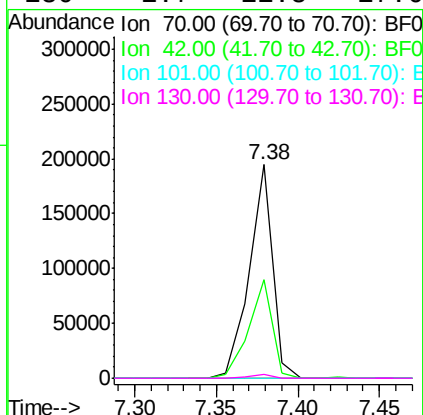




#19
n-Nitroso-di-n-propylamine
Concen: 13.16 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.11 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

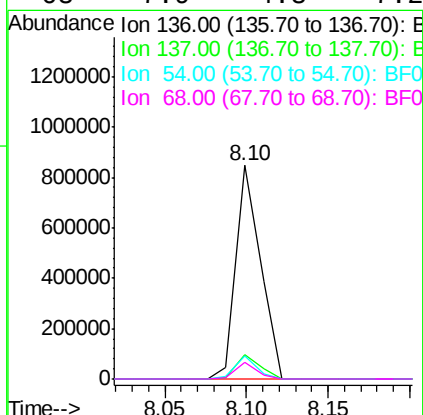
Instrument :
BNA_F
ClientSampleId :
20151104MGP226BRV103

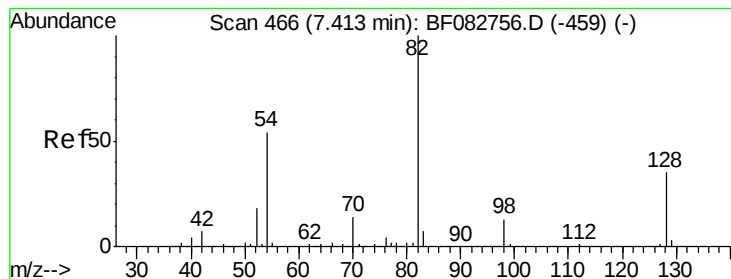
Tgt Ion:	70	Resp:	192952
Ion	Ratio	Lower	Upper
70	100		
42	46.0	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Tgt Ion:	136	Resp:	880454
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.1	9.1	13.7
68	7.9	4.8	7.2#





#23

Nitrobenzene-d5

Concen: 69.06 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.03 min

Lab File: BF082876.D

Acq: 10 Nov 2015 18:20

Instrument :

BNA_F

ClientSampleId :

20151104MGP226BRV103

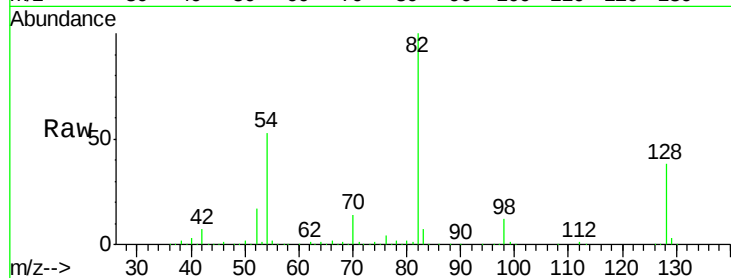
Tgt Ion: 82 Resp: 1397370

Ion Ratio Lower Upper

82 100

128 38.3 26.8 40.2

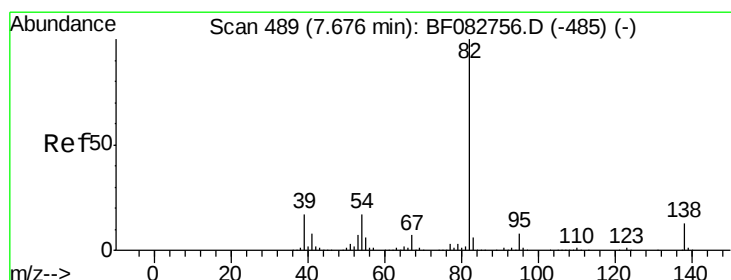
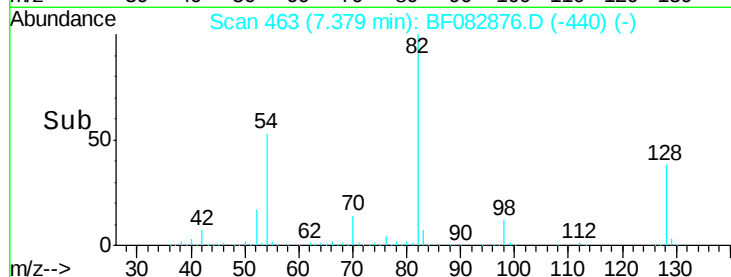
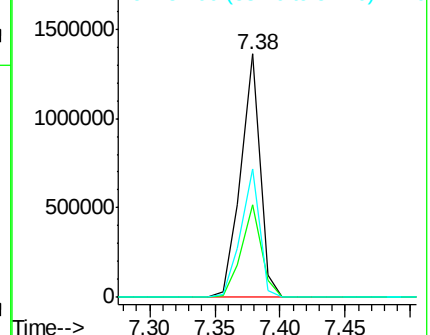
54 52.7 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 36.76 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.30 min

Lab File: BF082876.D

Acq: 10 Nov 2015 18:20

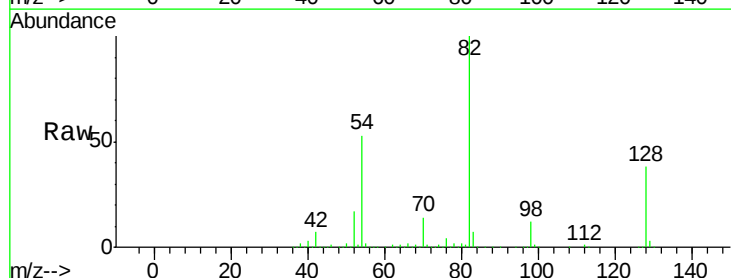
Tgt Ion: 82 Resp: 1376460

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

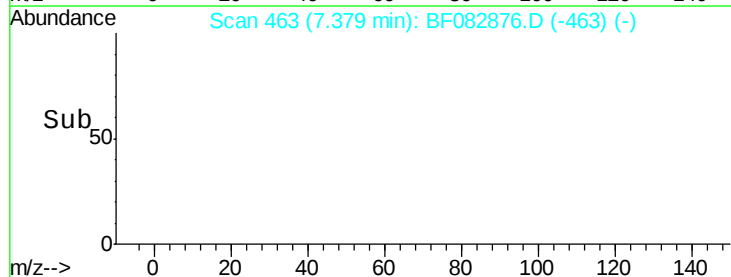
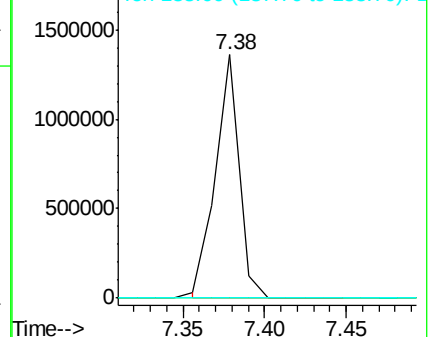
138 0.0 11.4 17.0#

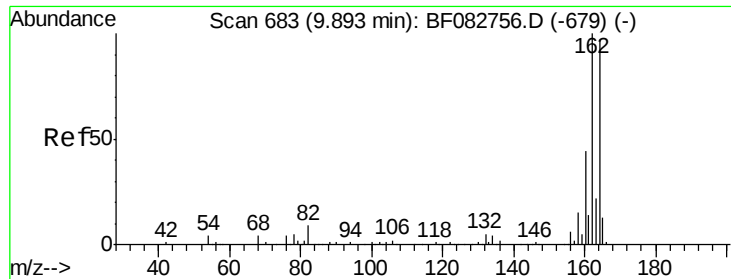


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

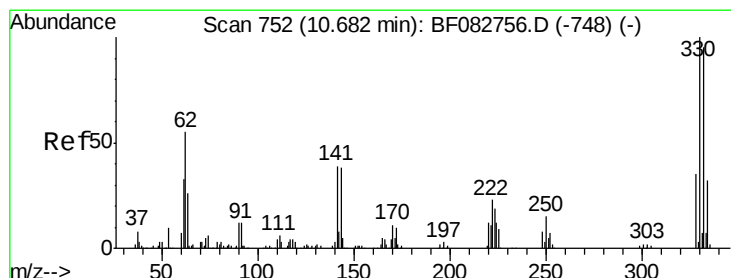
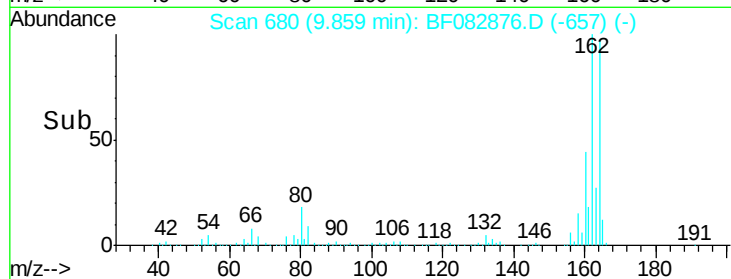
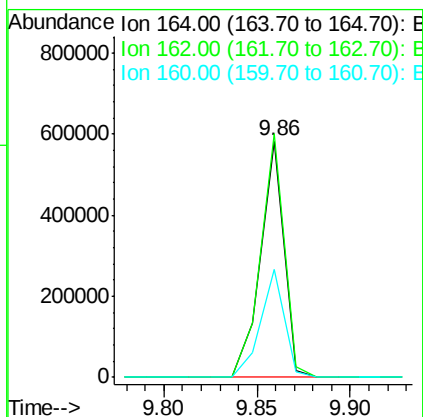
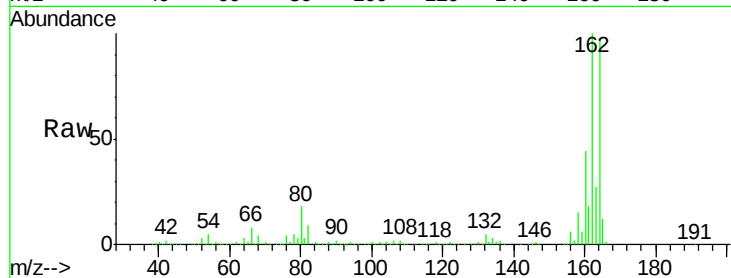




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF082876.D
 Acq: 10 Nov 2015 18:20

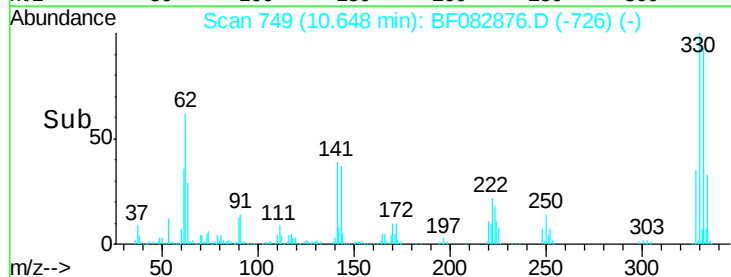
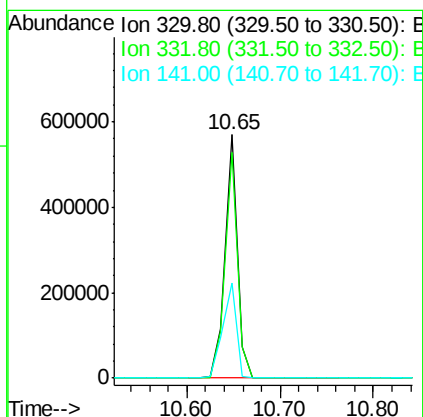
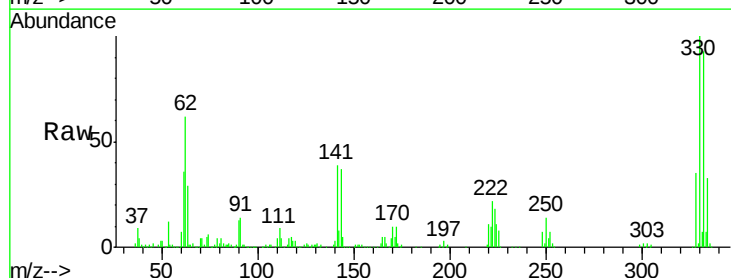
Instrument :
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 20151104MGP226BRV103

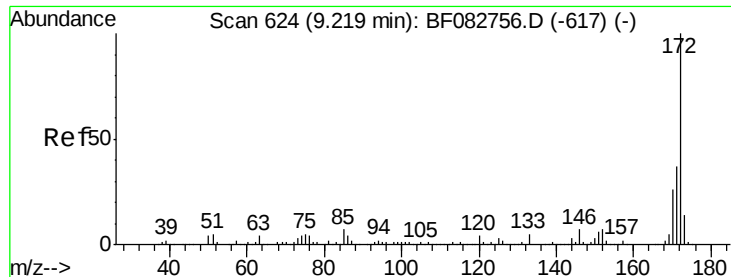
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	84.9	127.3
160	45.7	37.5	56.3



#41
 2,4,6-Tribromophenol
 Concen: 90.91 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082876.D
 Acq: 10 Nov 2015 18:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	114.8
141	42.4	41.2	61.8

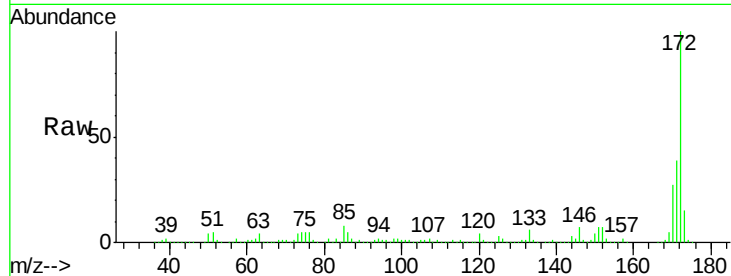




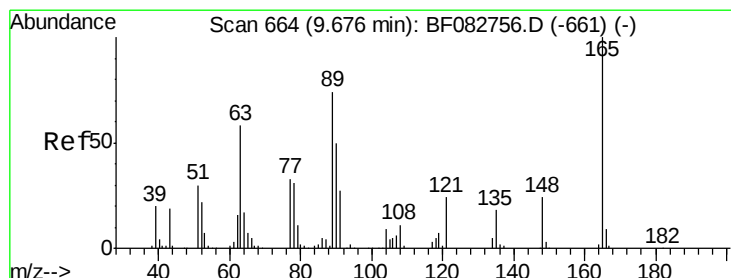
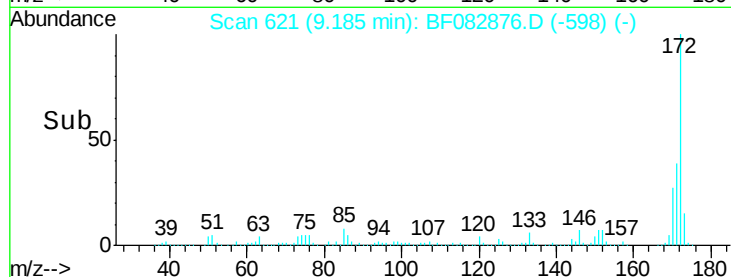
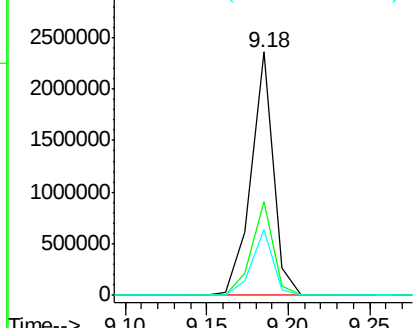
#44
 2-Fluorobiphenyl
 Concen: 63.65 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082876.D
 Acq: 10 Nov 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 20151104MGP226BRV103

Tgt Ion:172 Resp: 2239762
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.8 46.2
 170 26.7 21.2 31.8

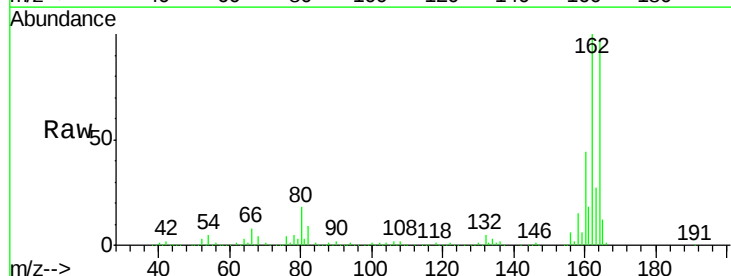


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

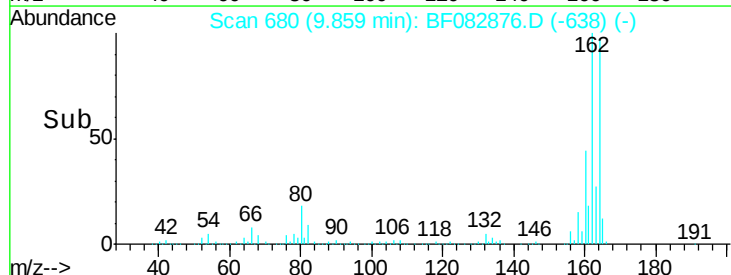
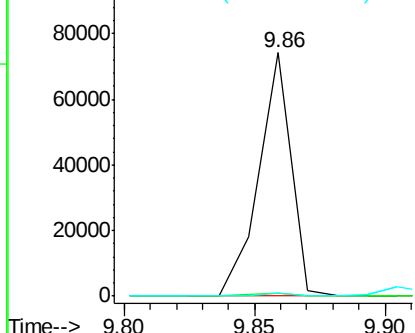


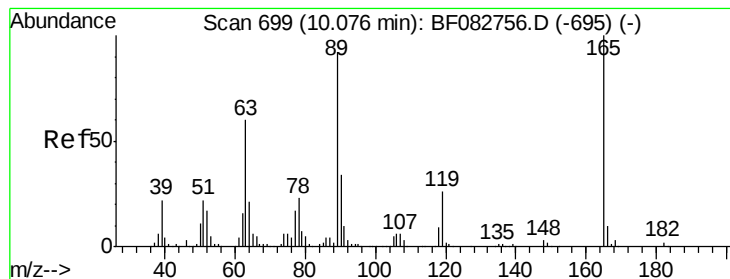
#50
 2,6-Dinitrotoluene
 Concen: 7.31 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.18 min
 Lab File: BF082876.D
 Acq: 10 Nov 2015 18:20

Tgt Ion:165 Resp: 64475
 Ion Ratio Lower Upper
 165 100
 63 1.3 55.5 83.3#
 89 1.3 55.0 82.6#



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





#56

2,4-Dinitrotoluene

Concen: 5.39 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.22 min

Lab File: BF082876.D

Acq: 10 Nov 2015 18:20

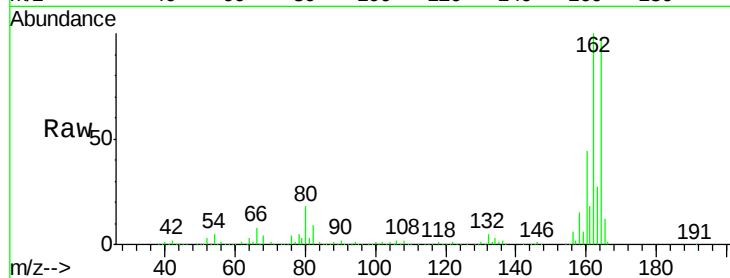
Instrument :

BNA_F

ClientSampleId :

20151104MGP226BRV103

Tgt Ion:	165	Resp:	64463
Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#

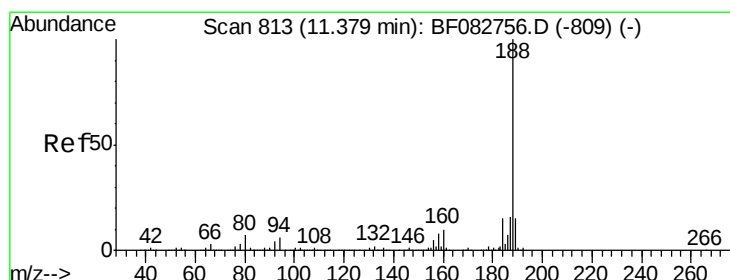
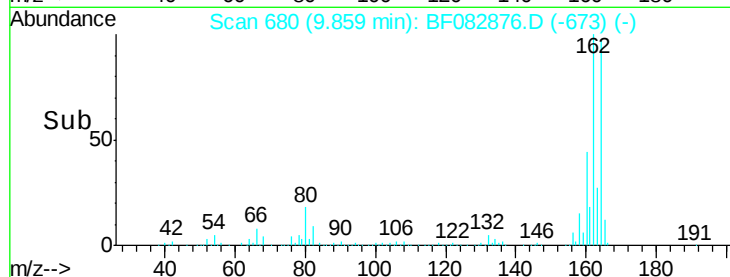
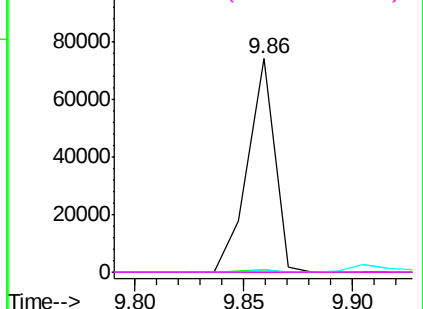


Abundance Ion 165.00 (164.70 to 165.70): E

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

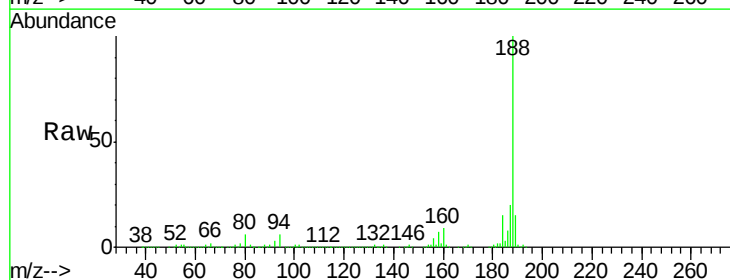
RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082876.D

Acq: 10 Nov 2015 18:20

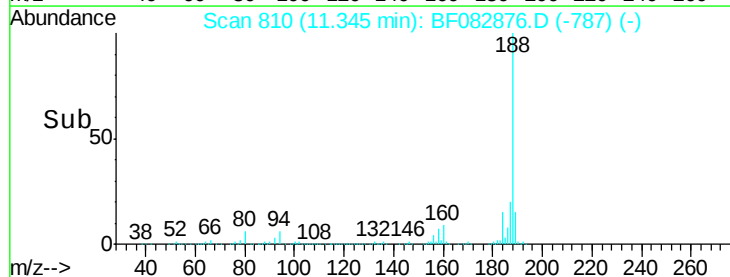
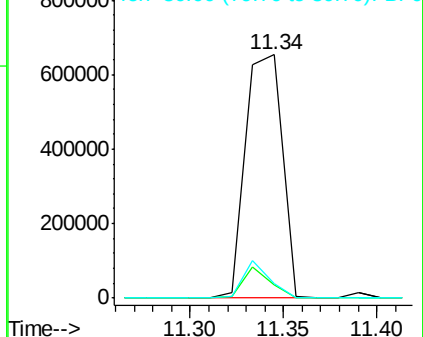
Tgt Ion:	188	Resp:	890635
Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.1	9.1#
80	5.8	7.0	10.6#

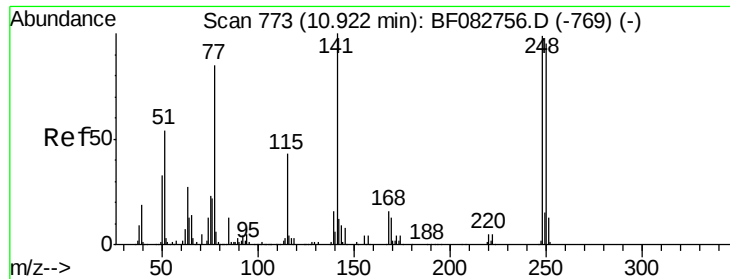


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

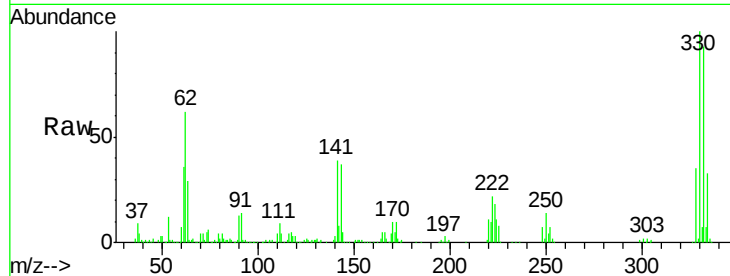




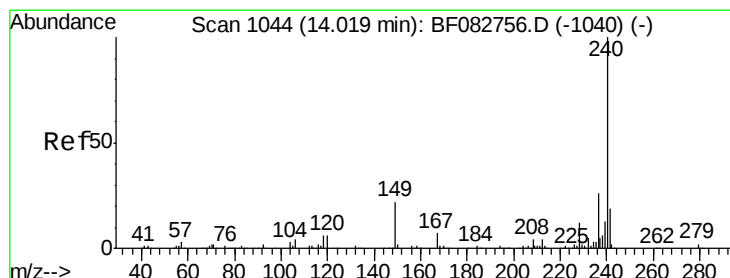
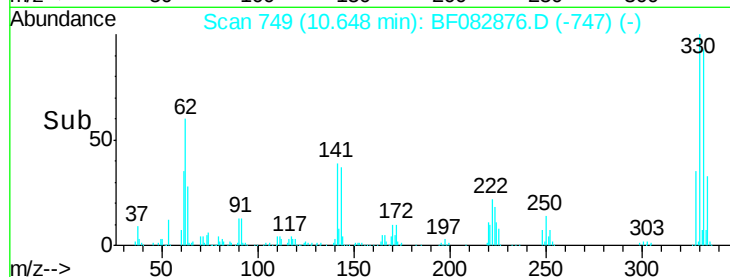
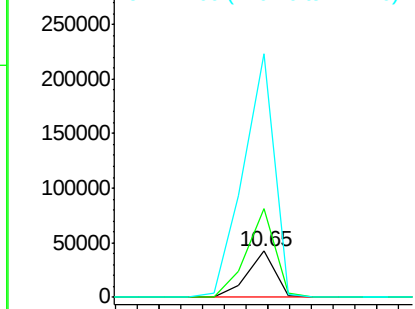
#66
4-Bromophenyl-phenylether
Concen: 3.59 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Instrument :
BNA_F
ClientSampleId :
20151104MGP226BRV103

Tgt Ion:248 Resp: 38527
Ion Ratio Lower Upper
248 100
250 191.6 79.4 119.2#
141 525.5 36.3 54.5#

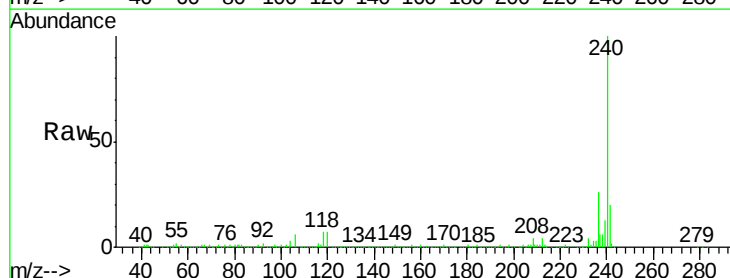


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

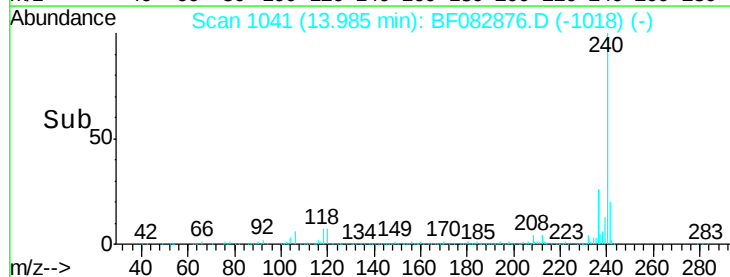
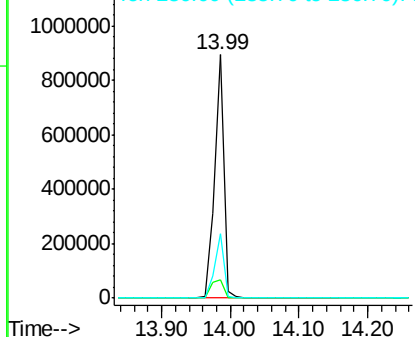


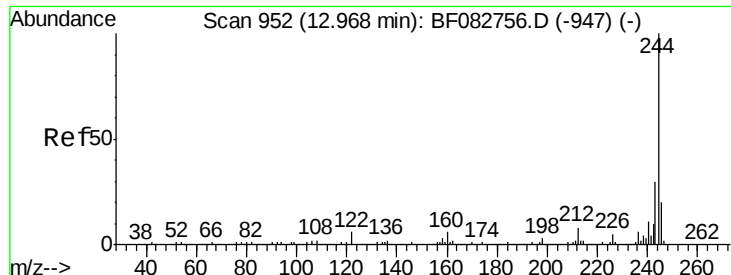
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082876.D
Acq: 10 Nov 2015 18:20

Tgt Ion:240 Resp: 858379
Ion Ratio Lower Upper
240 100
120 7.4 10.9 16.3#
236 26.3 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

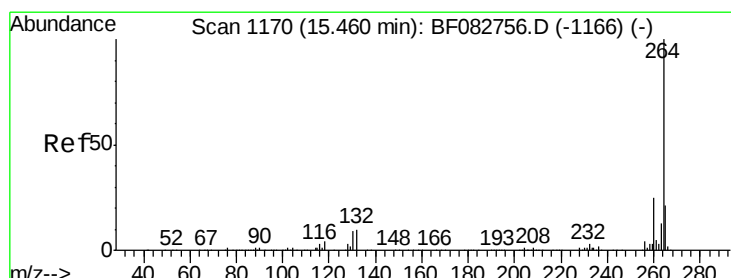
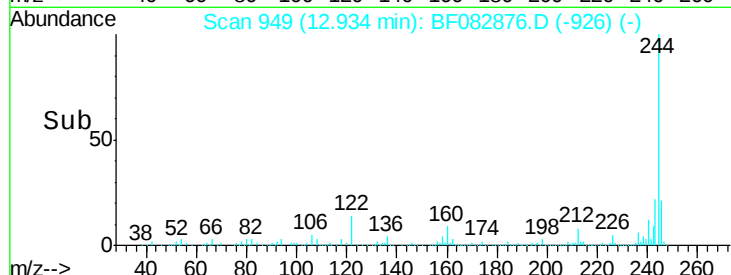
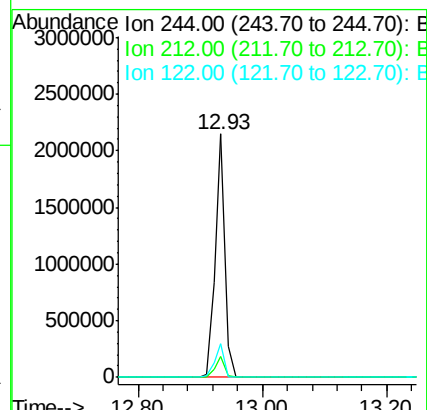
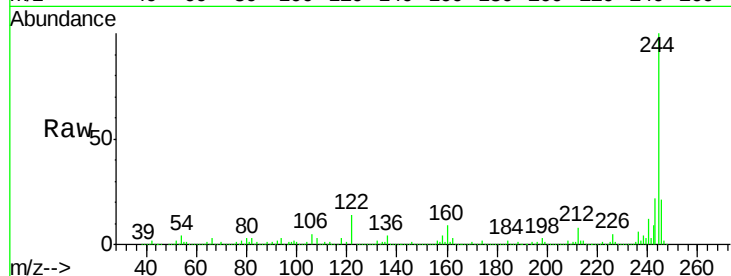




#78
 Terphenyl-d14
 Concen: 62.72 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF082876.D
 Acq: 10 Nov 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 20151104MGP226BRV103

Tgt Ion:244 Resp: 2269813
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 13.8 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082876.D
 Acq: 10 Nov 2015 18:20

Tgt Ion:264 Resp: 663224
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.6 17.4 26.0

