

Data Path : Z:\HPCHEM1\BNA F\Data\BF110915\
 Data File : BF082861.D
 Acq On : 10 Nov 2015 8:38
 Operator : UM/IZ
 Sample : G4286-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6L

Quant Time: Nov 10 09:26:50 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

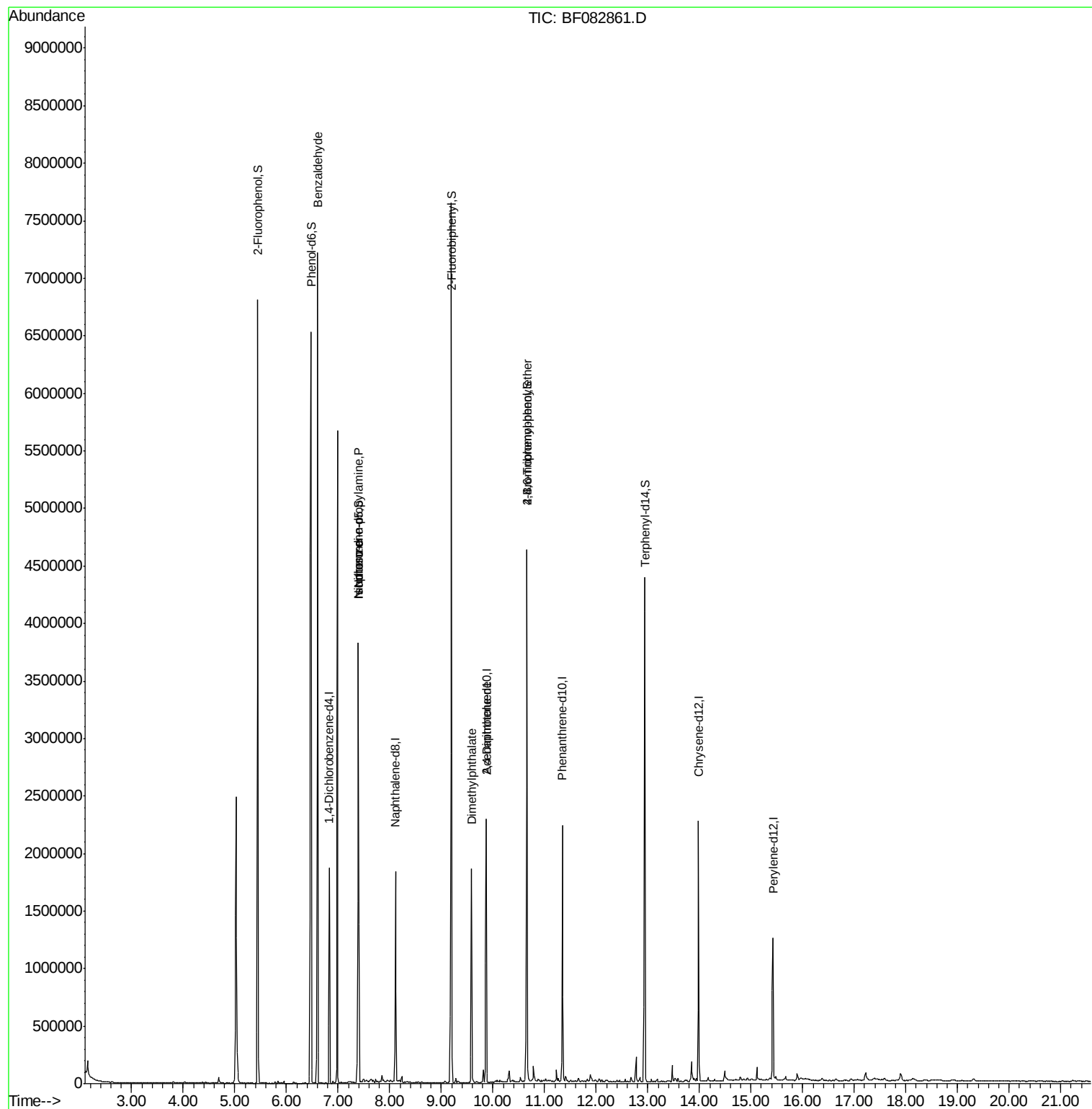
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	273481	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	936233	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	514660	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	843541	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	776718	20.00	ng	-0.03
86) Perylene-d12	15.43	264	601775	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1971974	112.19	ng	0.00
7) Phenol-d6	6.48	99	2970535	127.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	1685157	78.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	608956	103.19	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2414420	67.24	ng	-0.02
78) Terphenyl-d14	12.94	244	2109351	64.41	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	56362	4.37	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.39	70	229384	13.35	ng	# 71
25) Isophorone	7.39	82	1644492	41.31	ng	# 70
49) Dimethylphthalate	9.58	163	679725	16.12	ng	99
56) 2,4-Dinitrotoluene	9.87	165	66525	5.45	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	43776	4.31	ng	# 1

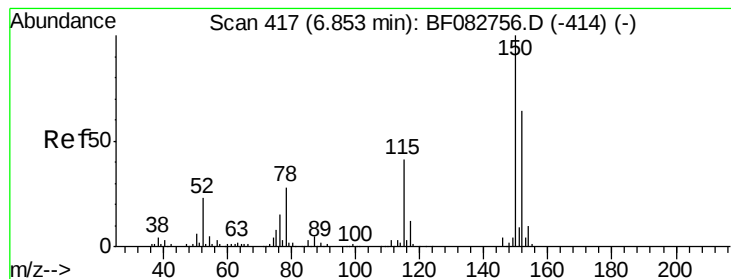
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082861.D

Acq: 10 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

T-6L

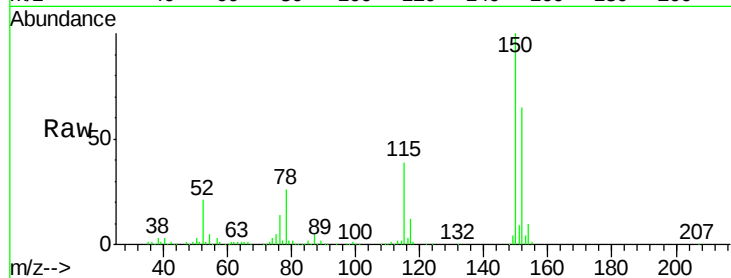
Tot Ion:152 Resp: 273481

Ion Ratio Lower Upper

152 100

150 154.2 127.0 190.4

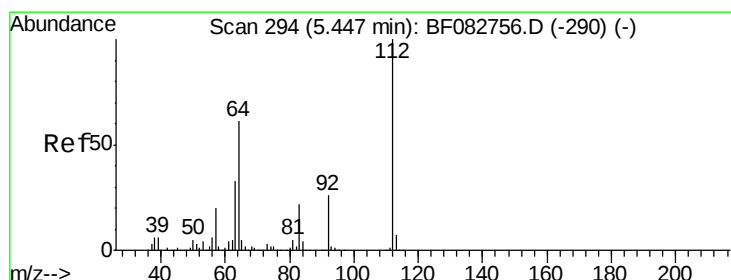
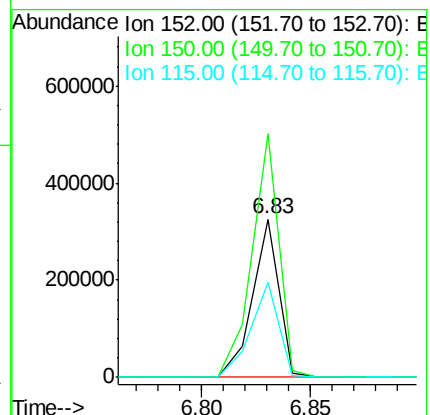
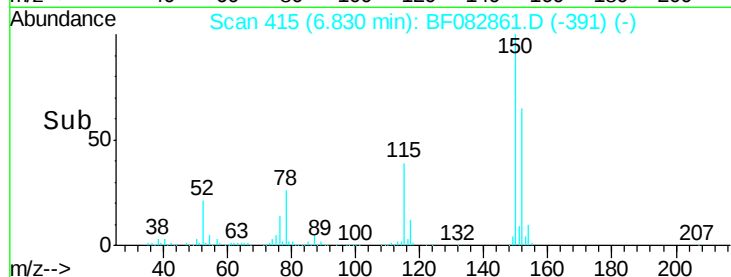
115 60.4 47.0 70.6



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: 112.19 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082861.D

Acq: 10 Nov 2015 8:38

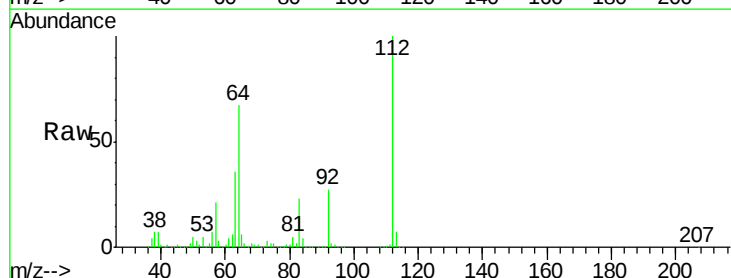
Tgt Ion:112 Resp: 1971974

Ion Ratio Lower Upper

112 100

64 67.4 48.9 73.3

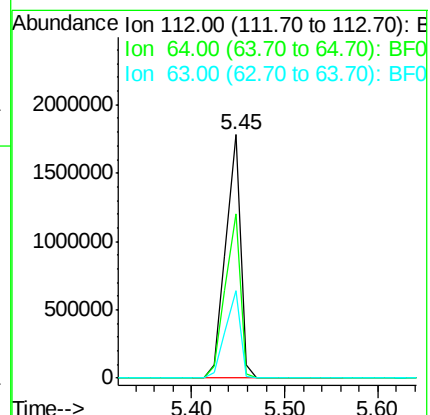
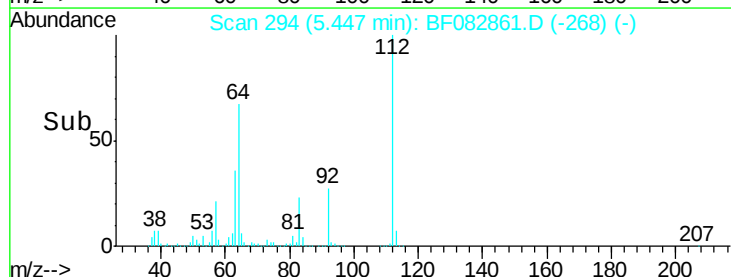
63 35.9 28.1 42.1

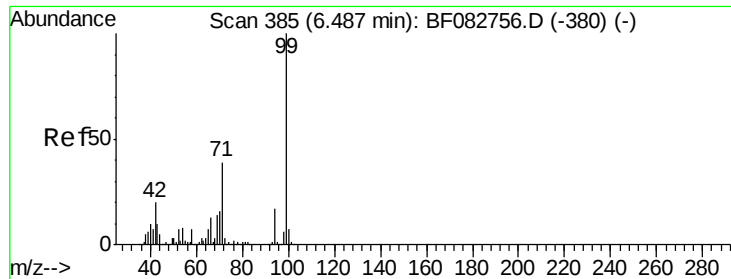


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.13 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082861.D

Acq: 10 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

T-6L

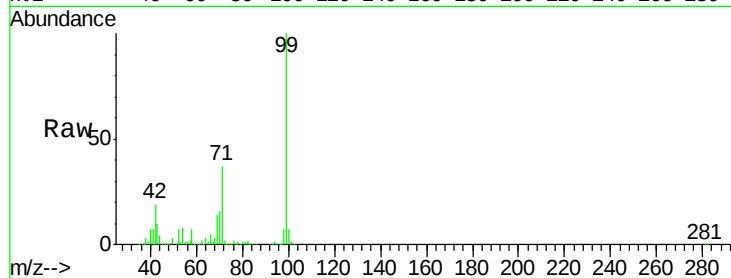
Tot Ion: 99 Resp: 2970535

Ion Ratio Lower Upper

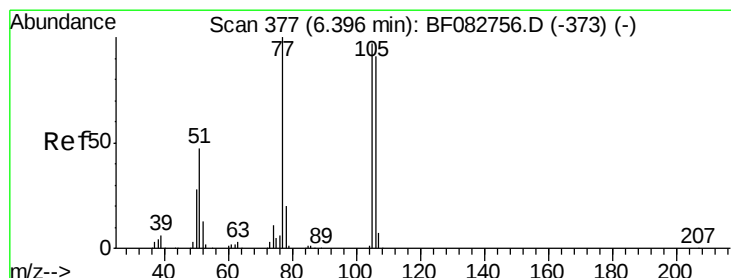
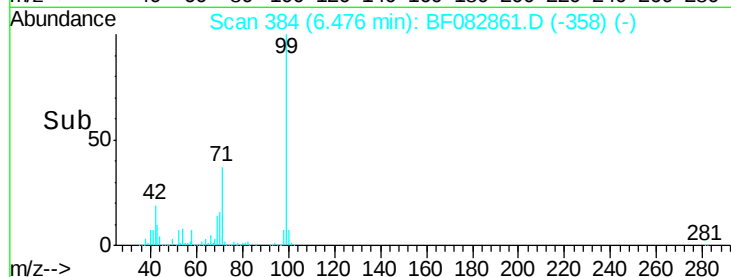
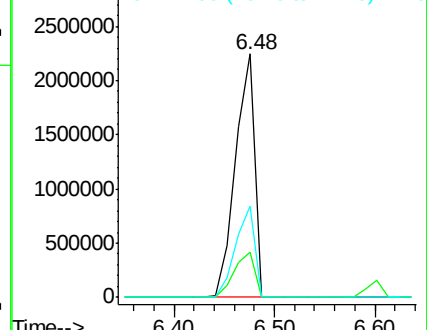
99 100

42 18.7 19.2 28.8#

71 37.4 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: 4.37 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082861.D

Acq: 10 Nov 2015 8:38

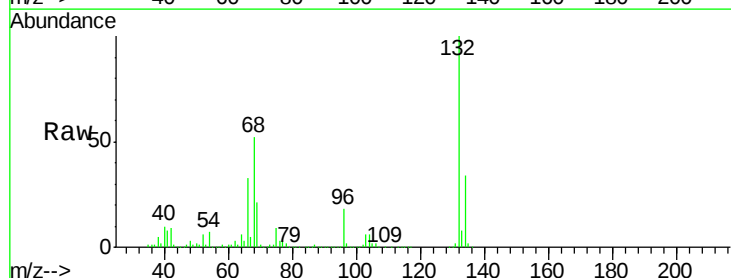
Tgt Ion: 77 Resp: 56362

Ion Ratio Lower Upper

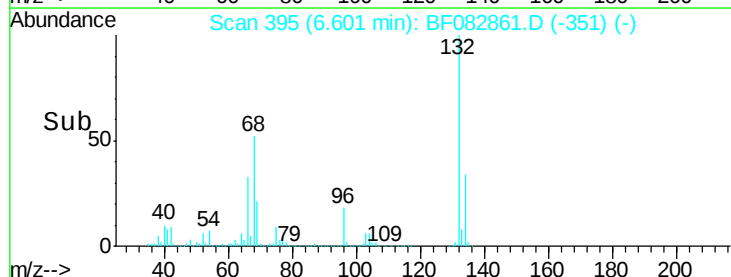
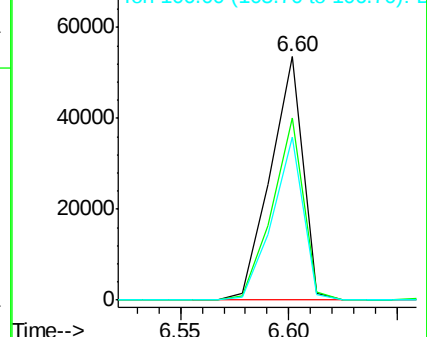
77 100

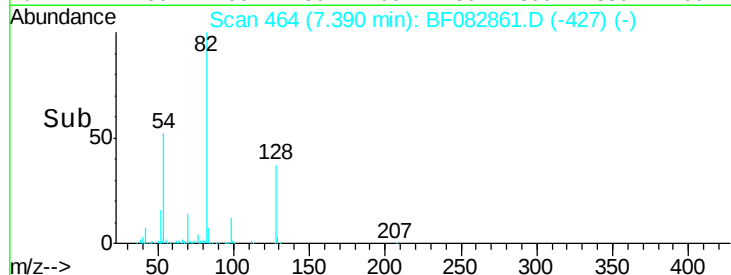
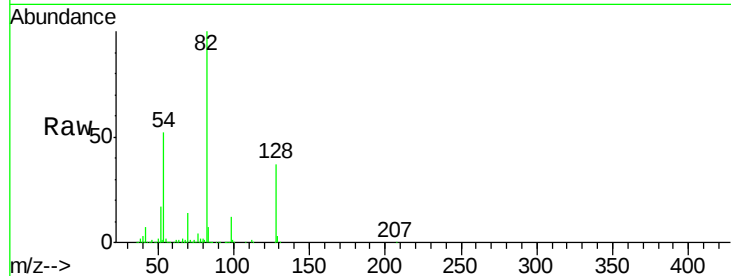
105 75.1 63.5 103.5

106 67.2 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

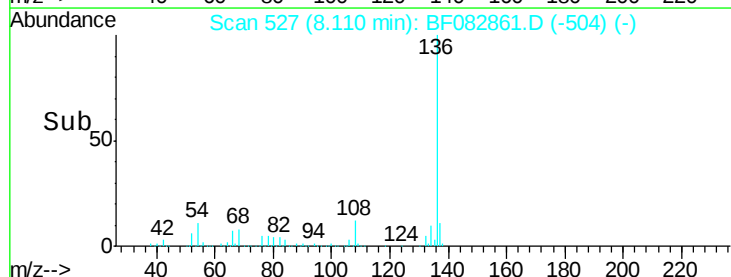
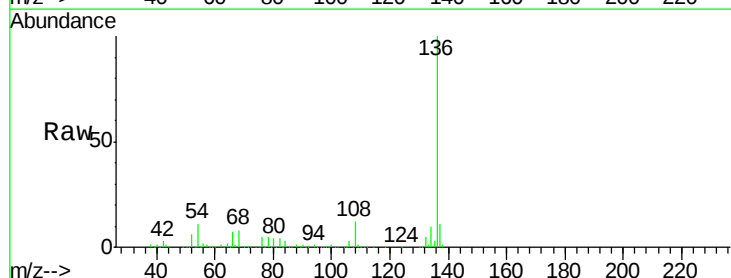
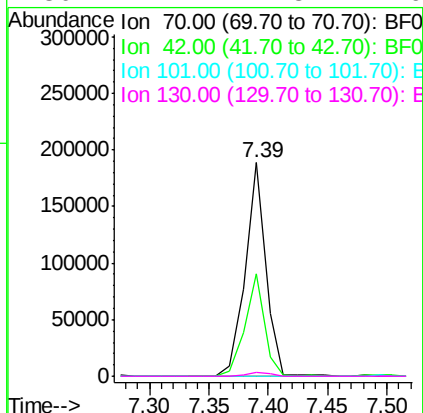




#19
n-Nitroso-di-n-propylamine
Concen: 13.35 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082861.D
Acq: 10 Nov 2015 8:38

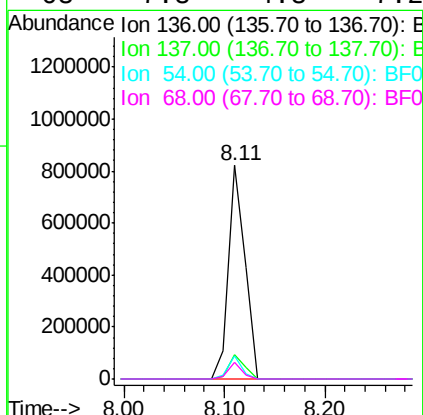
Instrument :
BNA_F
ClientSampleId :
T-6L

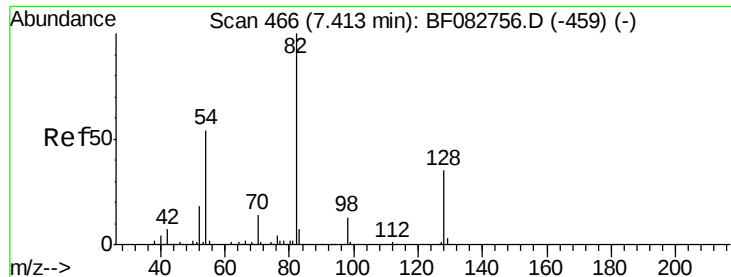
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.8	57.7	86.5#
101	0.0	7.0	10.6#
130	1.7	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082861.D
Acq: 10 Nov 2015 8:38

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.0	9.1	13.7
68	7.8	4.8	7.2#



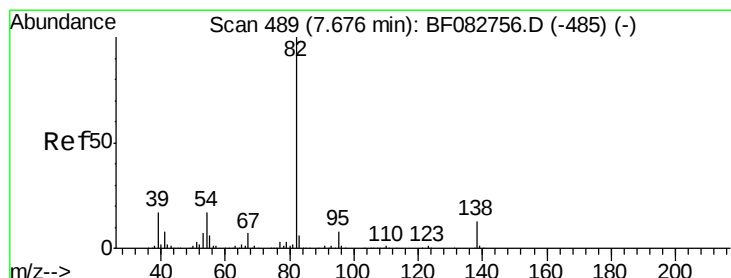
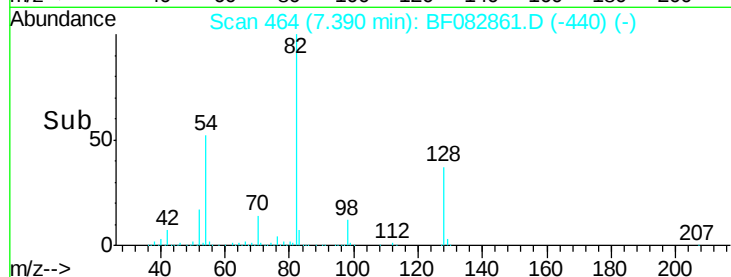
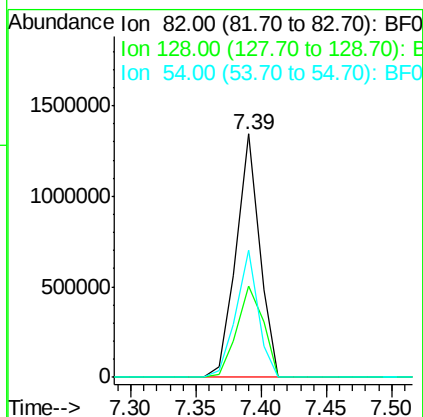
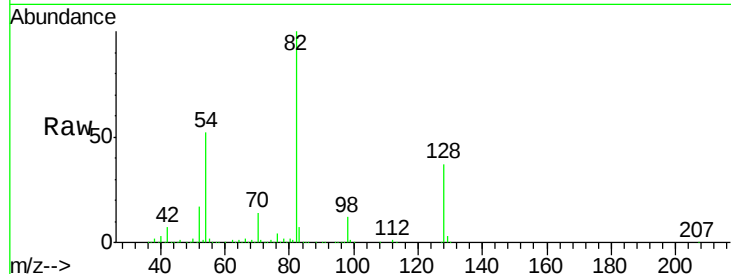


#23
 Nitrobenzene-d5
 Concen: 78.32 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082861.D
 Acq: 10 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 T-6L

Tot Ion: 82 Resp: 1685157

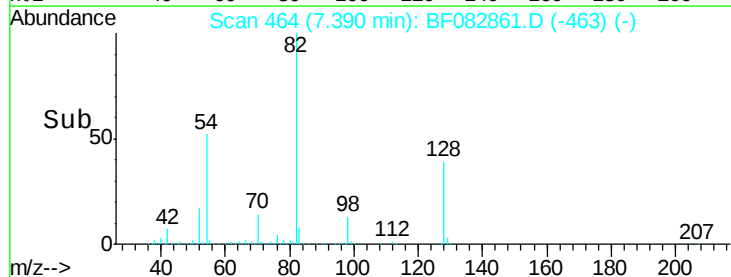
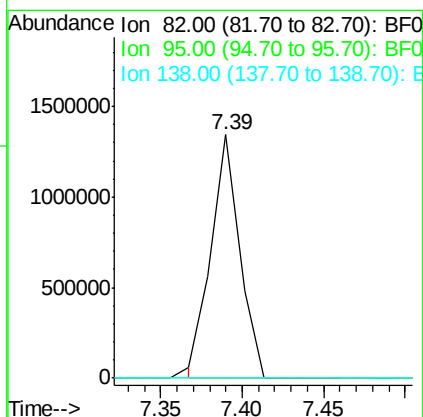
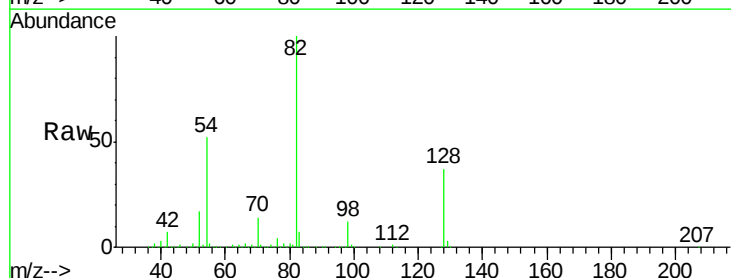
Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.8	40.2
54	52.3	45.7	68.5

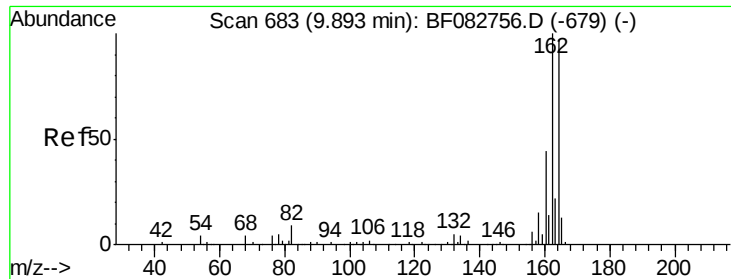


#25
 Isophorone
 Concen: 41.31 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.29 min
 Lab File: BF082861.D
 Acq: 10 Nov 2015 8:38

Tgt Ion: 82 Resp: 1644492

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

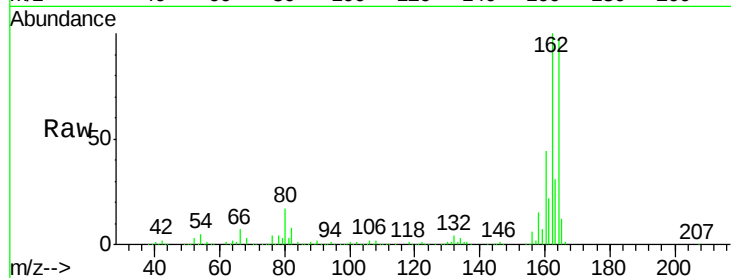




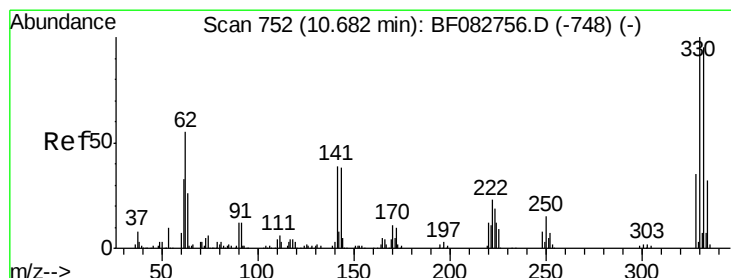
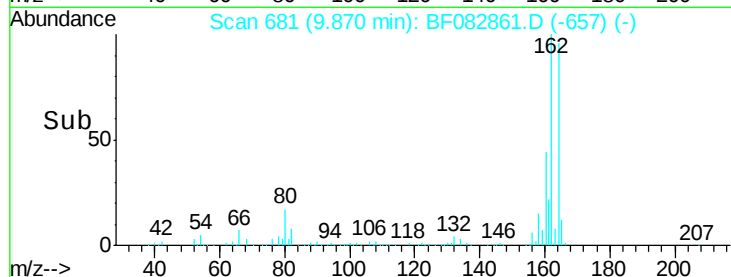
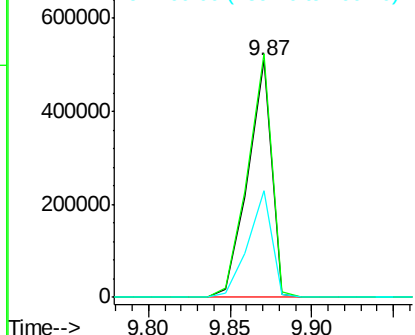
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082861.D
 Acq: 10 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 T-6L

Tot Ion:164 Resp: 514660
 Ion Ratio Lower Upper
 164 100
 162 102.7 84.9 127.3
 160 45.2 37.5 56.3

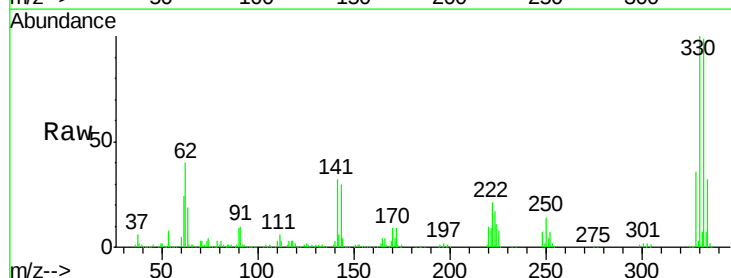


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

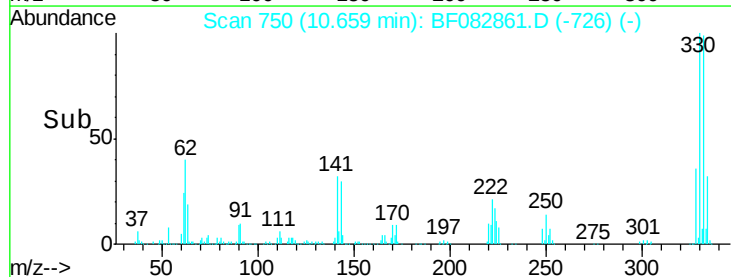
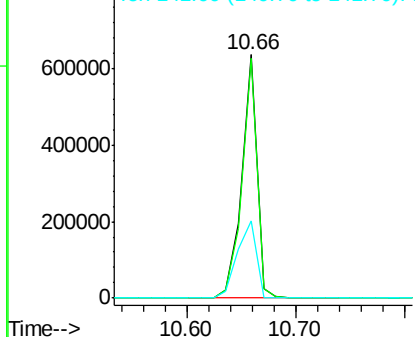


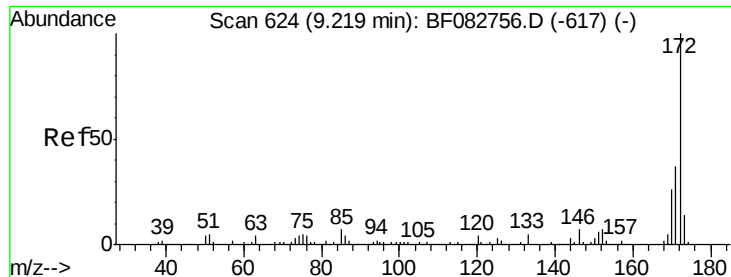
#41
 2,4,6-Tribromophenol
 Concen: 103.19 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082861.D
 Acq: 10 Nov 2015 8:38

Tgt Ion:330 Resp: 608956
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 40.0 41.2 61.8#



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



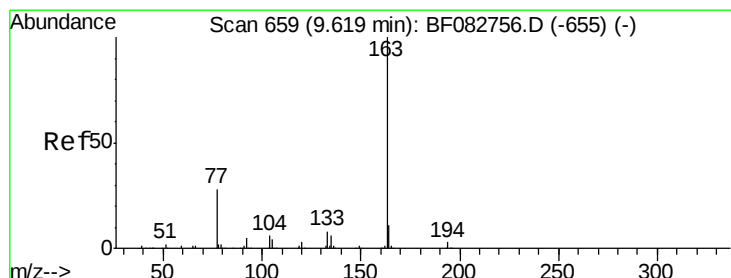
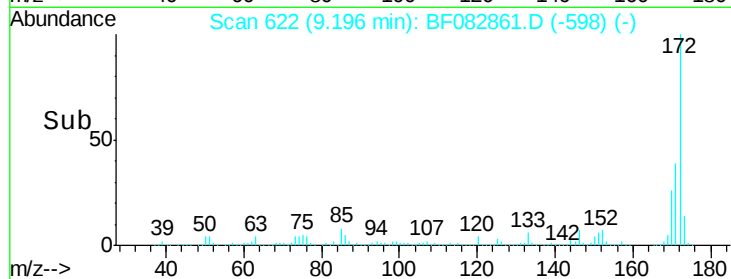
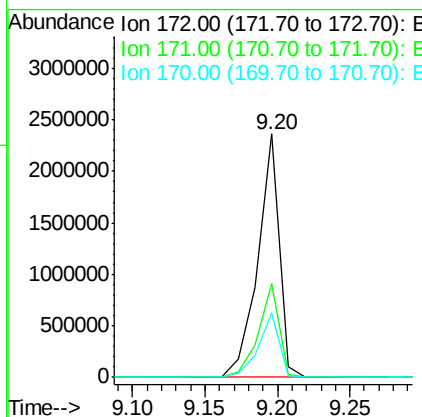
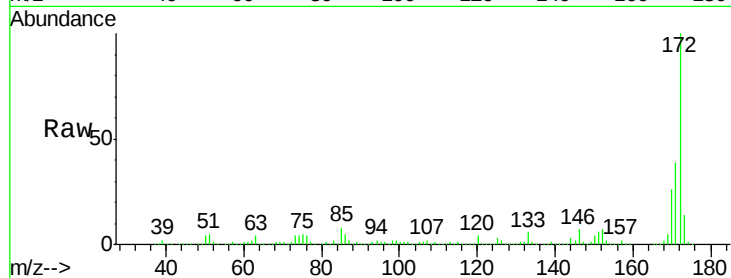


#44
 2-Fluorobiphenyl
 Concen: 67.24 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082861.D
 Acq: 10 Nov 2015 8:38

Instrument :
 BNA_F
 ClientSampleId :
 T-6L

Tot Ion:172 Resp: 2414420

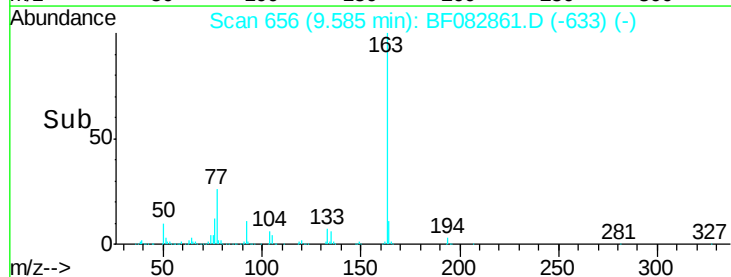
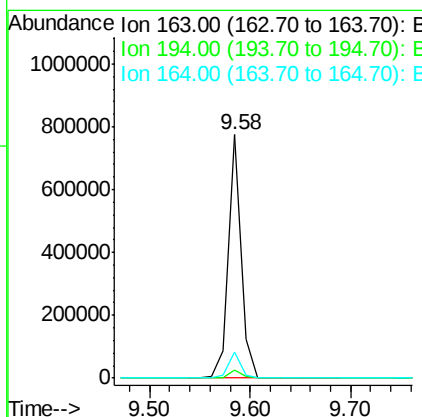
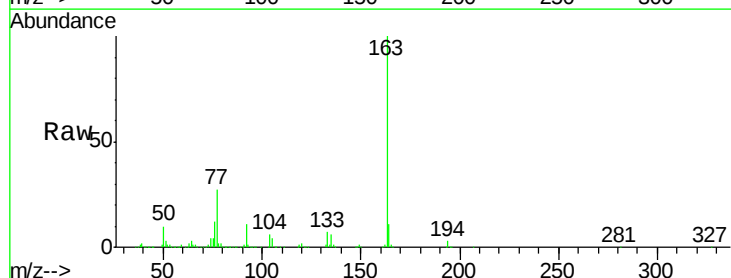
Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	26.3	21.2	31.8

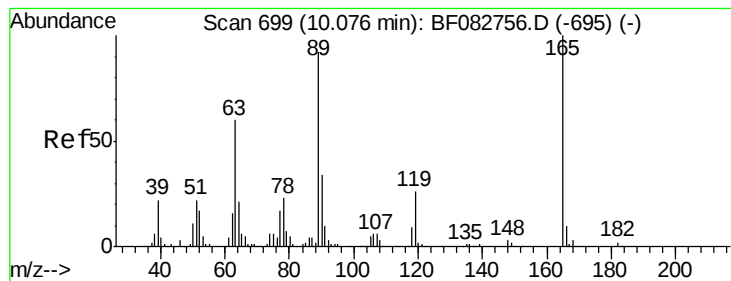


#49
 Dimethylphthalate
 Concen: 16.12 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082861.D
 Acq: 10 Nov 2015 8:38

Tgt Ion:163 Resp: 679725

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.7	13.1





#56

2,4-Dinitrotoluene

Concen: 5.45 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082861.D

Acq: 10 Nov 2015 8:38

Instrument :

BNA_F

ClientSampleId :

T-6L

Tot Ion:165 Resp: 66525

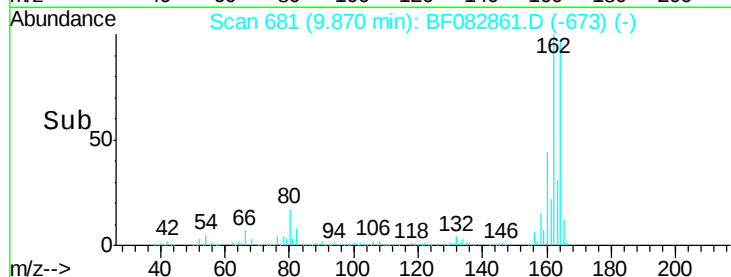
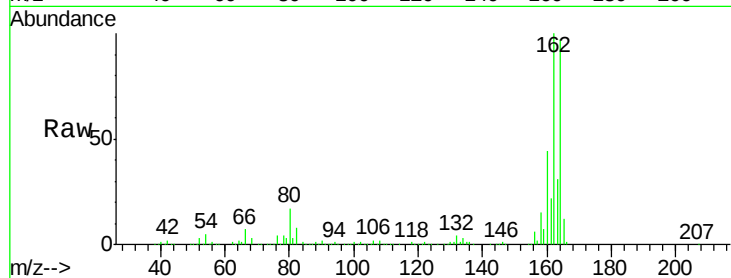
Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

89 1.8 70.6 106.0#

182 0.0 1.5 2.3#

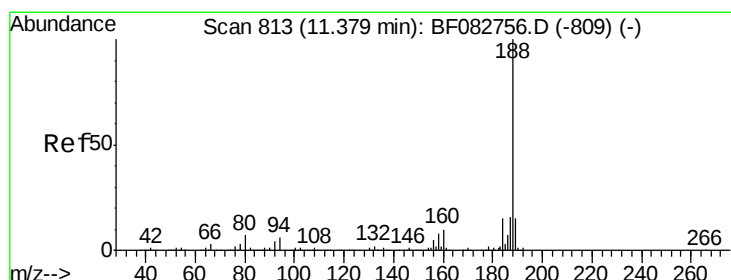
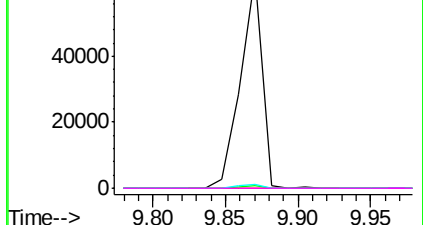


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082861.D

Acq: 10 Nov 2015 8:38

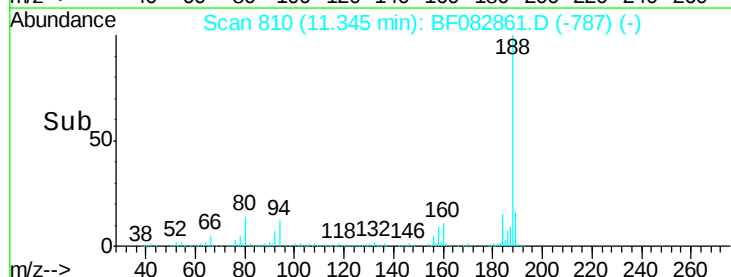
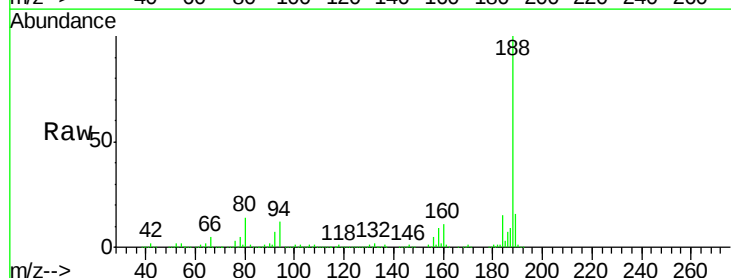
Tgt Ion:188 Resp: 843541

Ion Ratio Lower Upper

188 100

94 12.3 6.1 9.1#

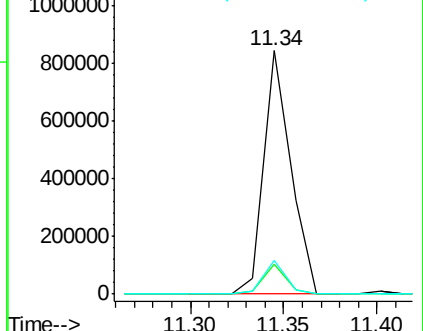
80 13.8 7.0 10.6#

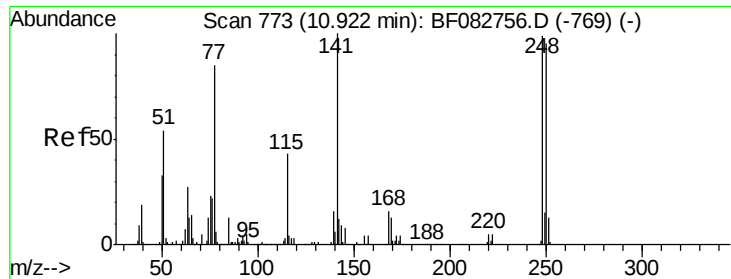


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.31 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.26 min

Lab File: BF082861.D

Acq: 10 Nov 2015 8:38

Instrument :

BNA_F

ClientSampled :

T-6L

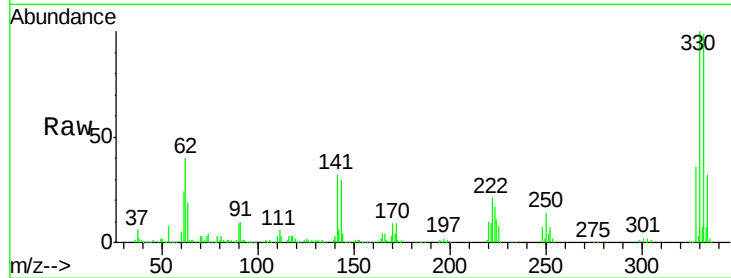
Tot Ion:248 Resp: 43776

Ion Ratio Lower Upper

248 100

250 202.5 79.4 119.2#

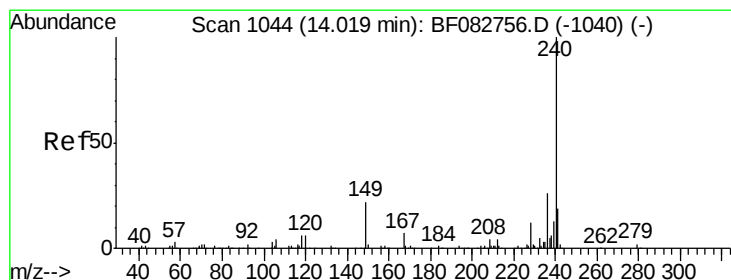
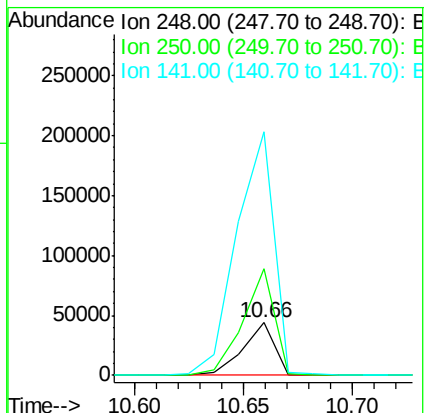
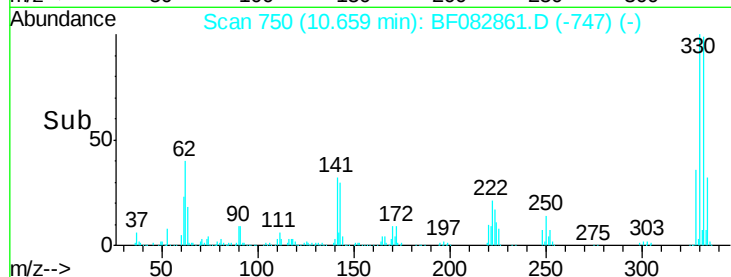
141 464.4 36.3 54.5#



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: BF082861.D

Acq: 10 Nov 2015 8:38

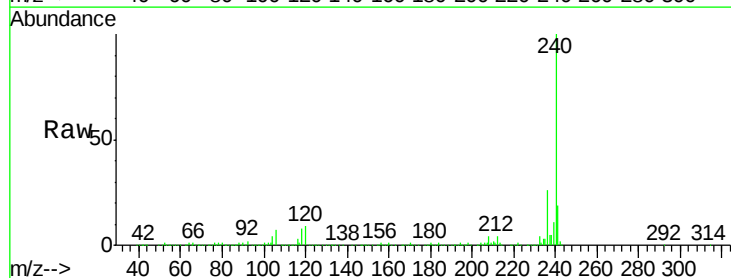
Tgt Ion:240 Resp: 776718

Ion Ratio Lower Upper

240 100

120 9.3 10.9 16.3#

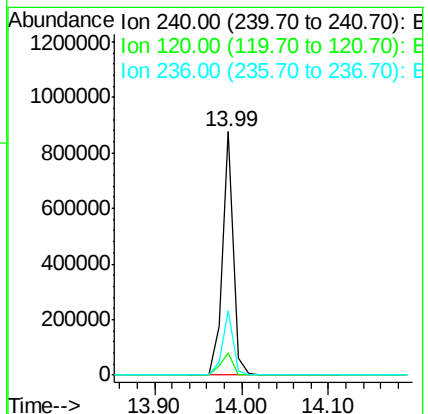
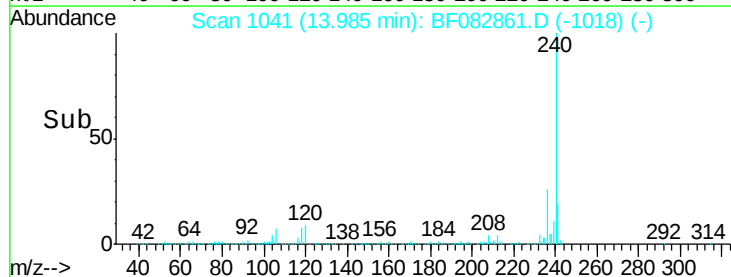
236 26.2 21.6 32.4

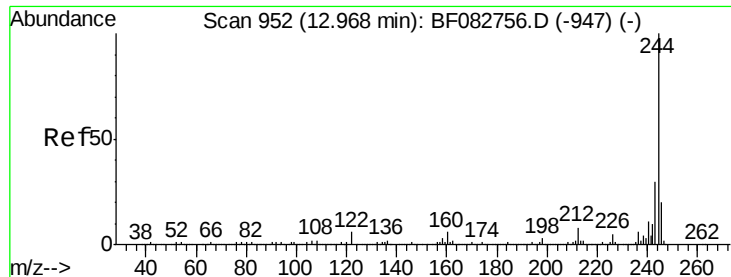


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.41 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082861.D

Acq: 10 Nov 2015 8:38

Instrument :

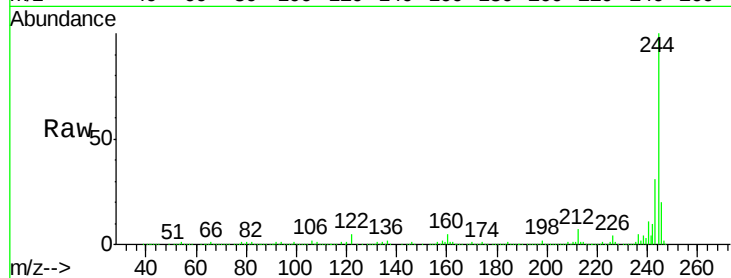
BNA_F

ClientSampleId :

T-6L

Tot Ion:244 Resp: 2109351

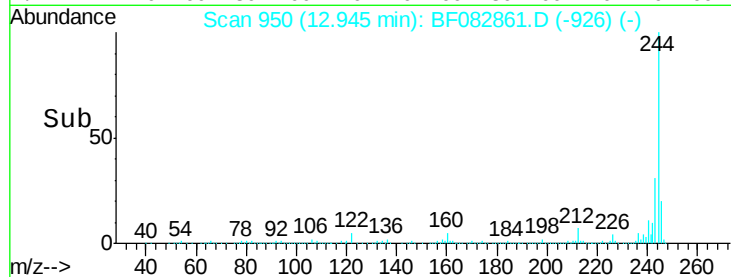
Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.6	11.4#
122	5.3	11.3	16.9#



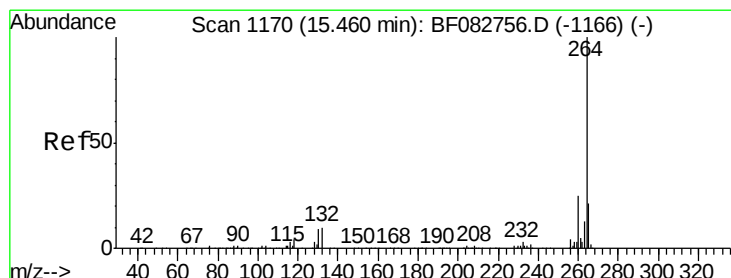
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00 13.10



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

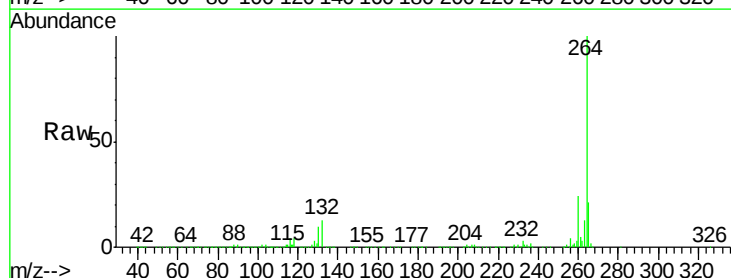
Delta R.T. -0.03 min

Lab File: BF082861.D

Acq: 10 Nov 2015 8:38

Tgt Ion:264 Resp: 601775

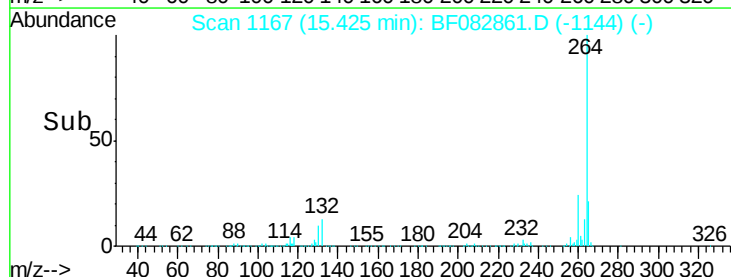
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	20.7	17.4	26.0



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



Time--> 15.40 15.60