

Data Path : Z:\HPCHEM1\BNA F\Data\BF110915\
 Data File : BF082862.D
 Acq On : 10 Nov 2015 9:13
 Operator : UM/IZ
 Sample : G4286-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-4L

Quant Time: Nov 10 09:51:39 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

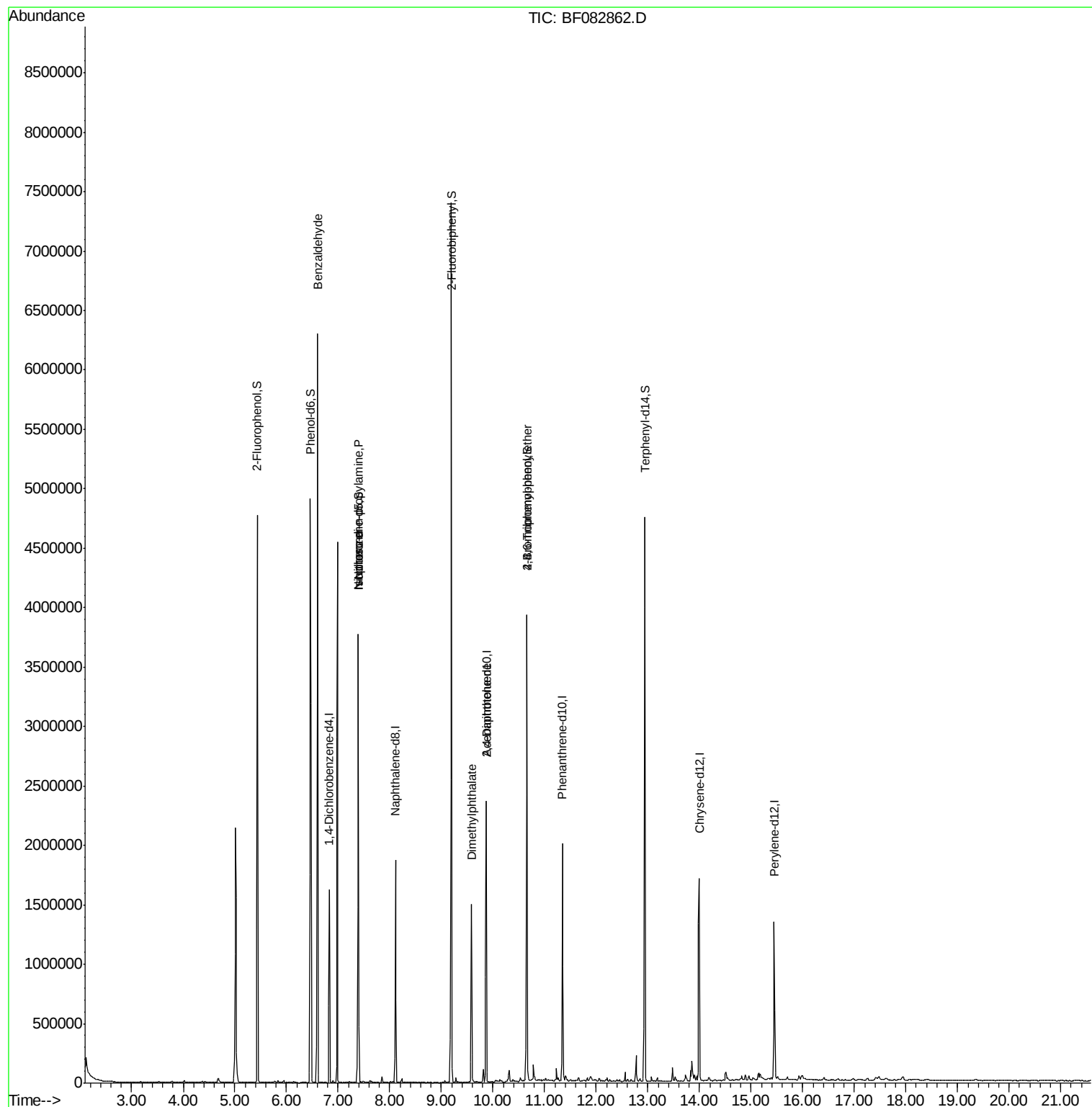
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	265055	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	895533	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	499371	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	848377	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	789043	20.00	ng	-0.02
86) Perylene-d12	15.45	264	616089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1896603	111.33	ng	-0.01
7) Phenol-d6	6.46	99	2452283	108.28	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1409929	68.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	546417	95.43	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2231747	64.05	ng	-0.02
78) Terphenyl-d14	12.94	244	2108854	63.39	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	50303	4.02	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.39	70	190489	11.44	ng	# 70
25) Isophorone	7.39	82	1376983	36.16	ng	# 69
49) Dimethylphthalate	9.58	163	569357	13.92	ng	99
56) 2,4-Dinitrotoluene	9.87	165	65512	5.53	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	40477	3.96	ng	# 1

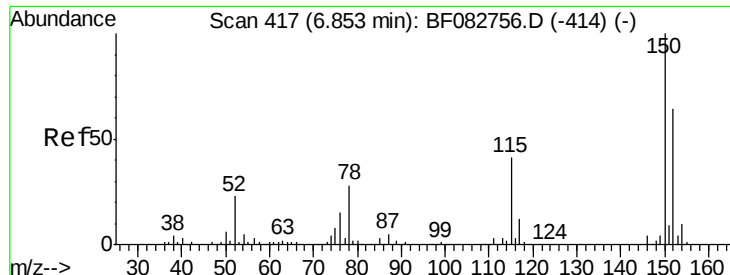
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF110915\
Data File : BF082862.D
Acq On : 10 Nov 2015 9:13
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-4L

Quant Time: Nov 10 09:51:39 2015
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

Instrument :

BNA_F

ClientSampleId :

T-4L

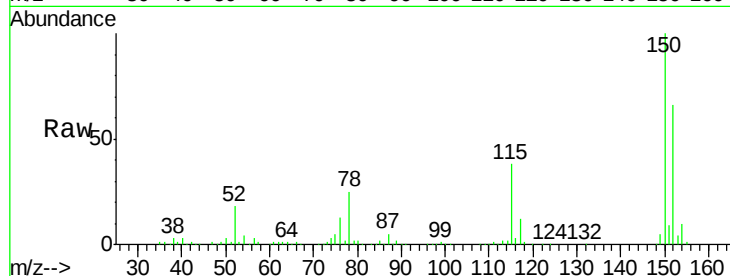
Tot Ion:152 Resp: 265055

Ion Ratio Lower Upper

152 100

150 151.8 127.0 190.4

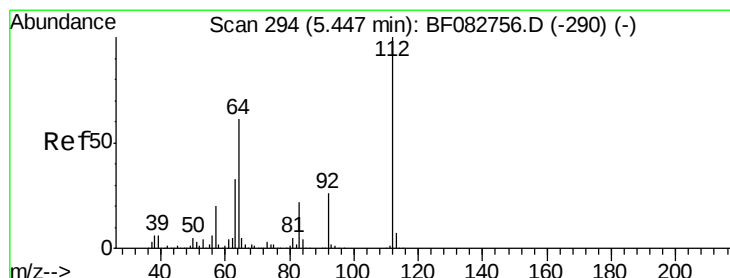
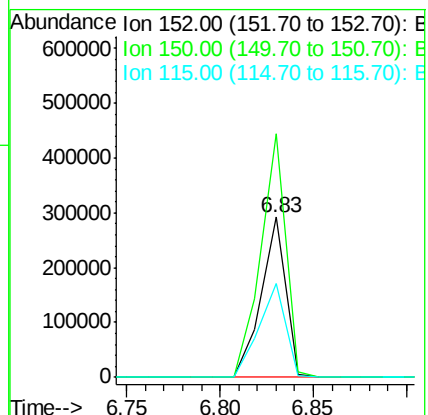
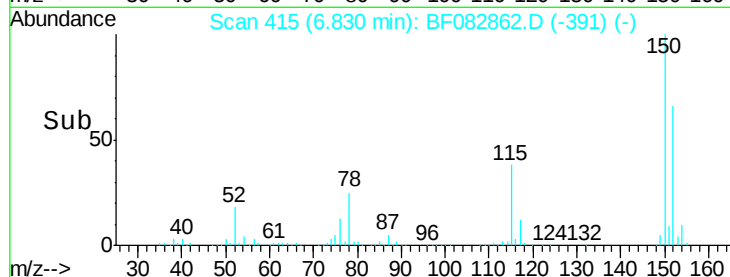
115 58.3 47.0 70.6



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: 111.33 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

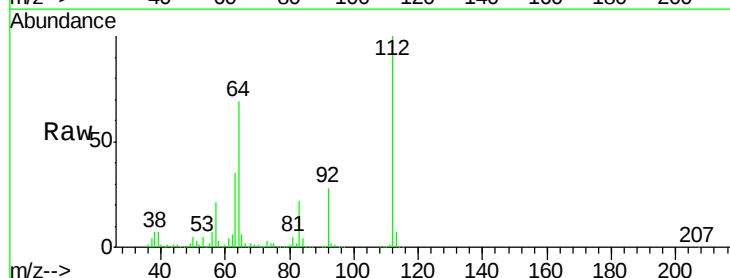
Tgt Ion:112 Resp: 1896603

Ion Ratio Lower Upper

112 100

64 69.1 48.9 73.3

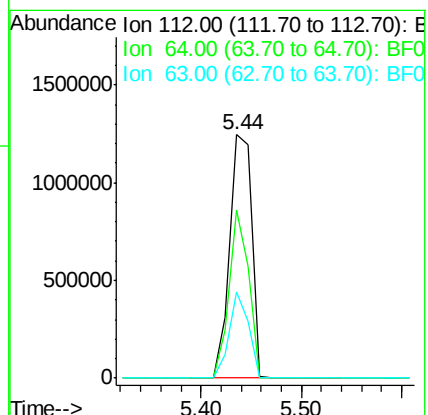
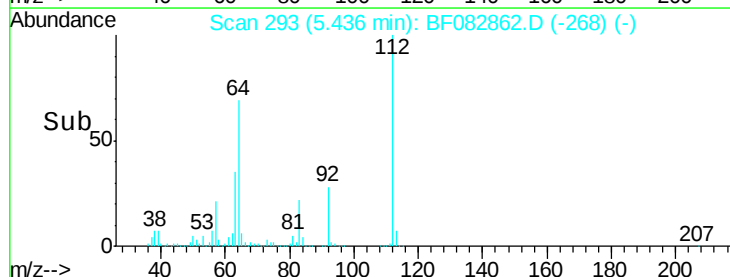
63 35.5 28.1 42.1



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: 108.28 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

Instrument :

BNA_F

ClientSampled :

T-4L

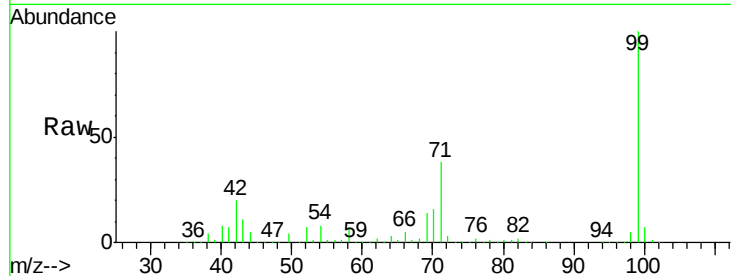
Tot Ion: 99 Resp: 2452283

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

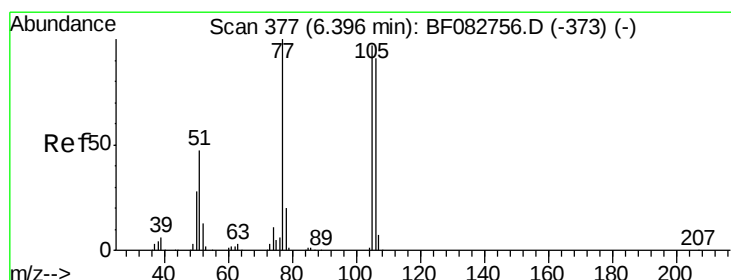
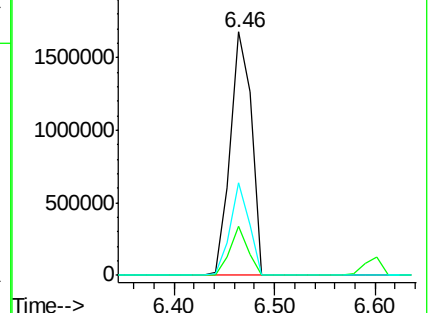
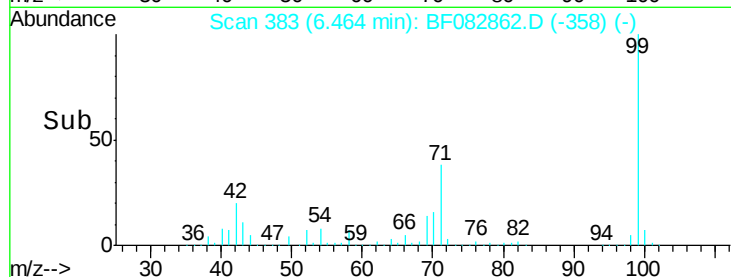
71 38.0 35.0 52.4



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: 4.02 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

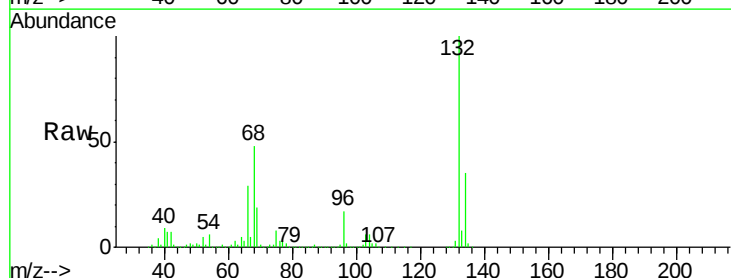
Tgt Ion: 77 Resp: 50303

Ion Ratio Lower Upper

77 100

105 75.3 63.5 103.5

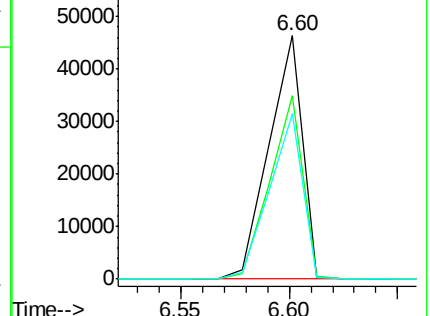
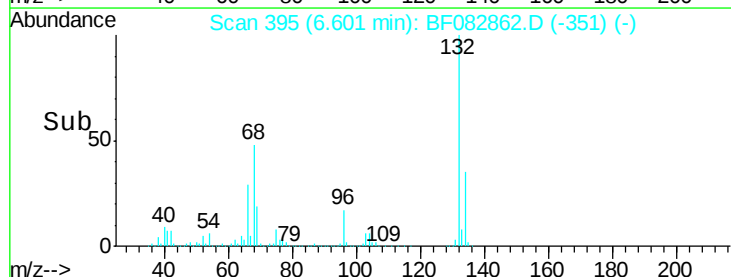
106 67.8 59.3 99.3

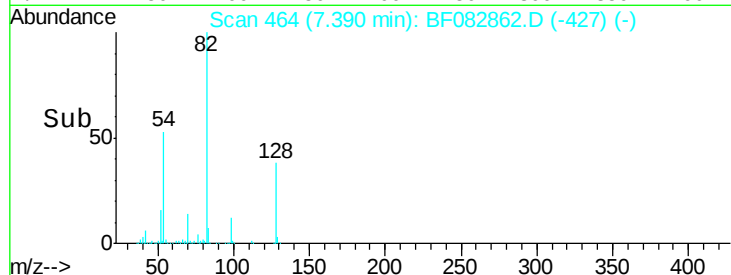
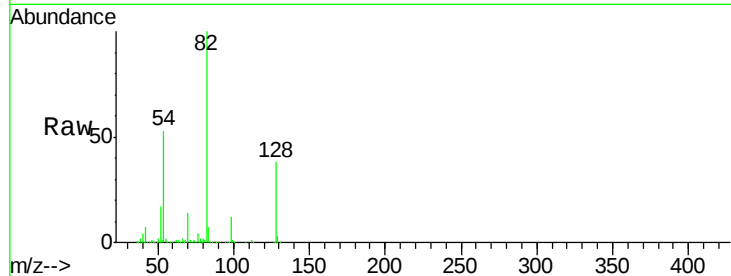


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

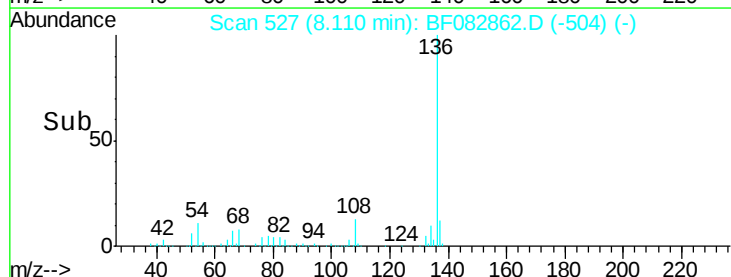
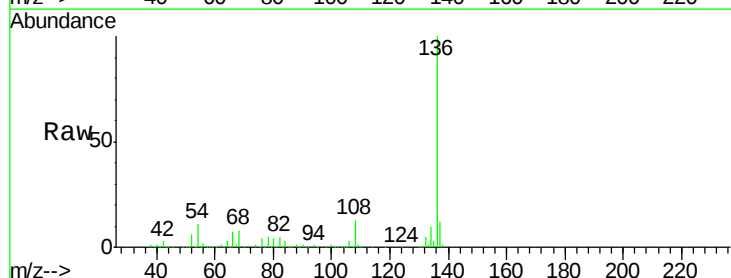
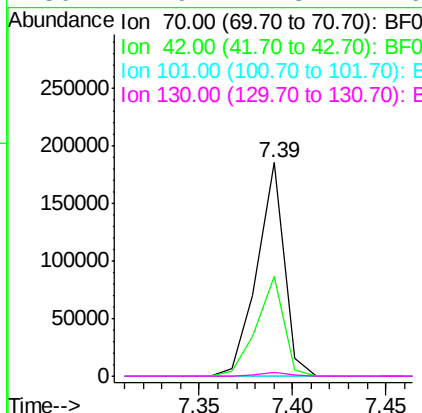




#19
n-Nitroso-di-n-propylamine
Concen: 11.44 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082862.D
Acq: 10 Nov 2015 9:13

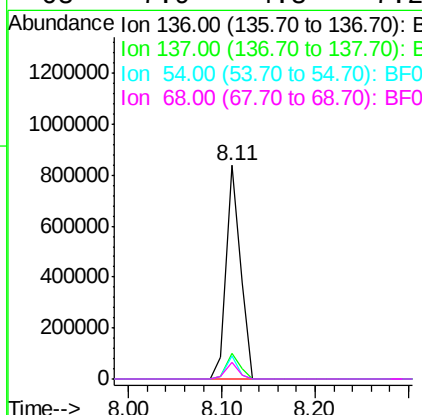
Instrument :
BNA_F
ClientSampled :
T-4L

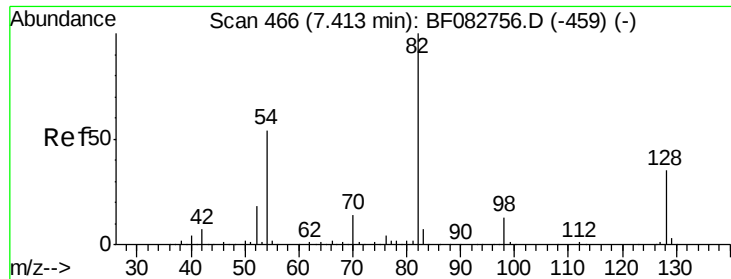
Tot Ion: 70 Resp: 190489
Ion Ratio Lower Upper
70 100
42 46.6 57.7 86.5#
101 0.0 7.0 10.6#
130 1.9 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082862.D
Acq: 10 Nov 2015 9:13

Tgt Ion: 136 Resp: 895533
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 11.0 9.1 13.7
68 7.9 4.8 7.2#

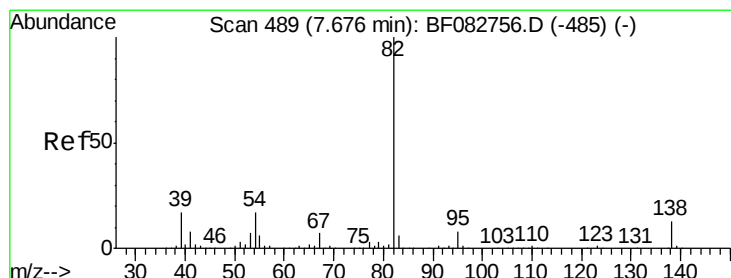
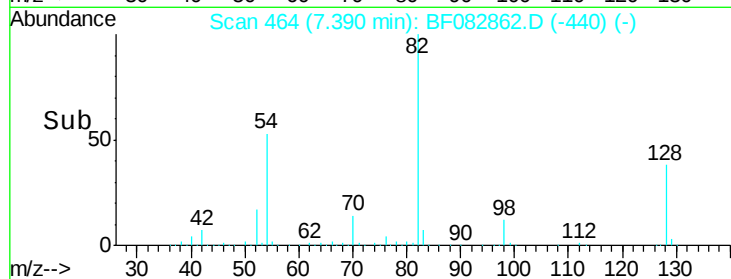
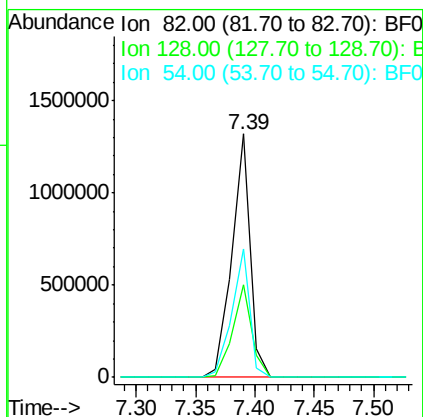
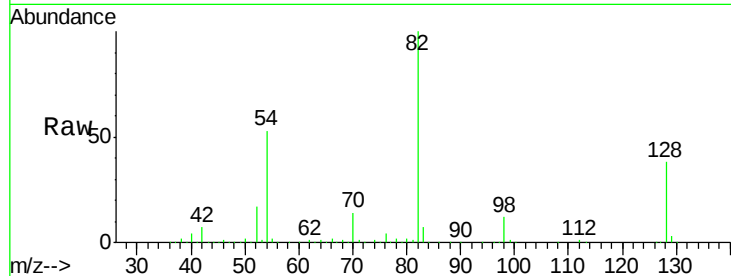




#23
Nitrobenzene-d5
Concen: 68.51 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082862.D
Acq: 10 Nov 2015 9:13

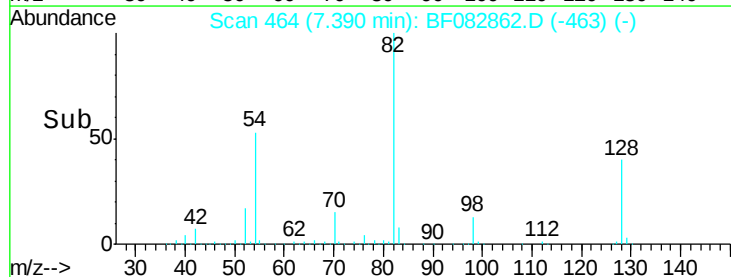
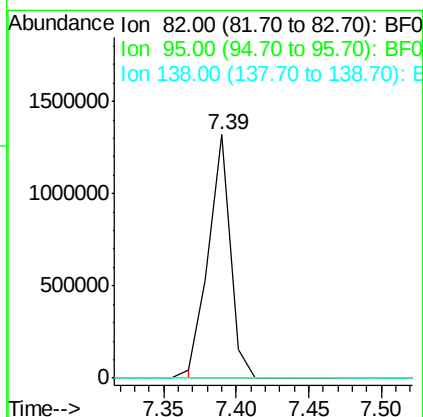
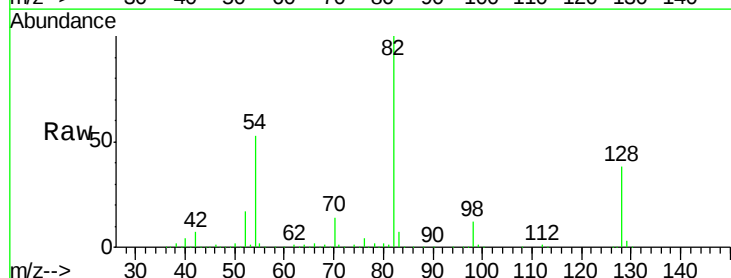
Instrument :
BNA_F
ClientSampleId :
T-4L

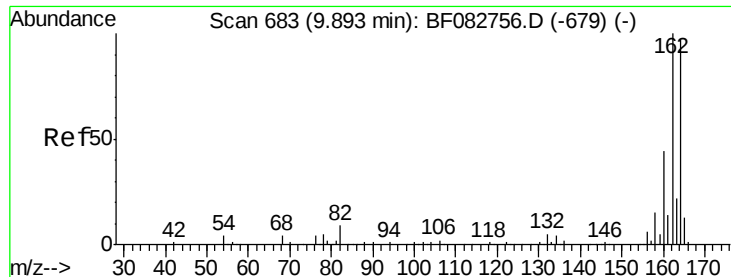
Tot Ion: 82 Resp: 1409929
Ion Ratio Lower Upper
82 100
128 38.0 26.8 40.2
54 52.9 45.7 68.5



#25
Isophorone
Concen: 36.16 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.29 min
Lab File: BF082862.D
Acq: 10 Nov 2015 9:13

Tgt Ion: 82 Resp: 1376983
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: BF082862.D

Acq: 10 Nov 2015 9:13

Instrument :

BNA_F

ClientSampleId :

T-4L

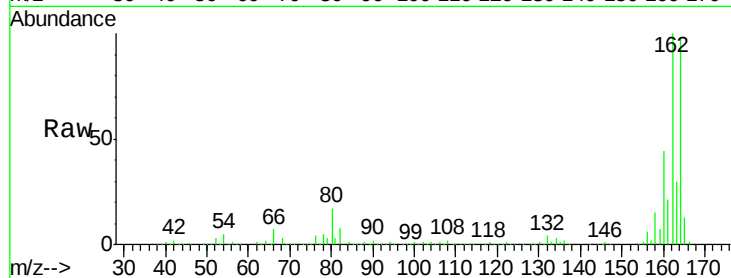
Tot Ion:164 Resp: 499371

Ion Ratio Lower Upper

164 100

162 102.1 84.9 127.3

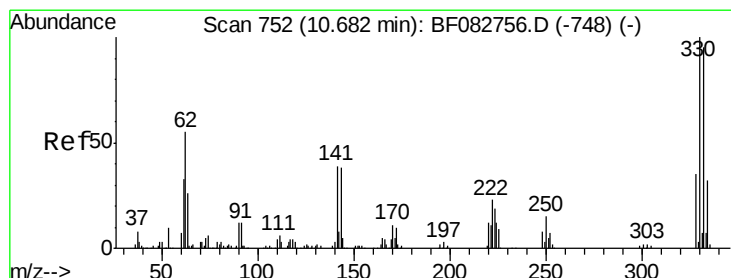
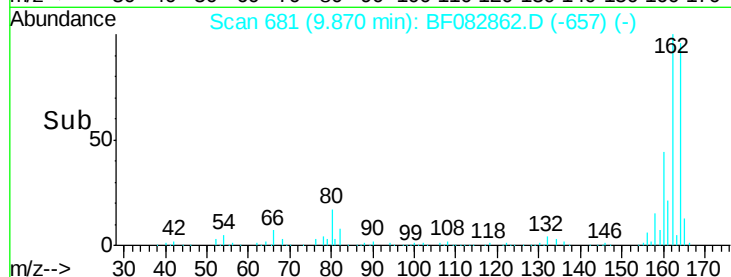
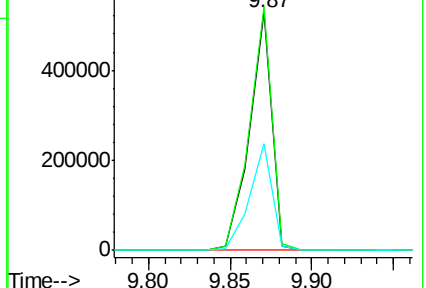
160 45.0 37.5 56.3



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: 95.43 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

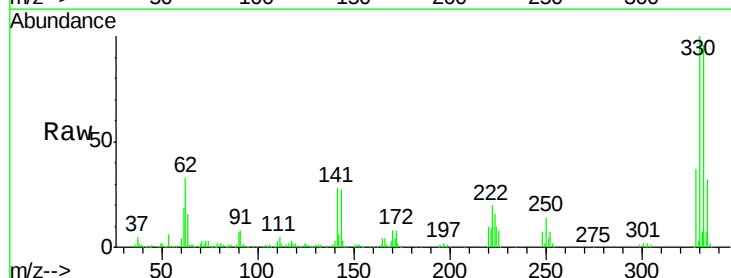
Tgt Ion:330 Resp: 546417

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

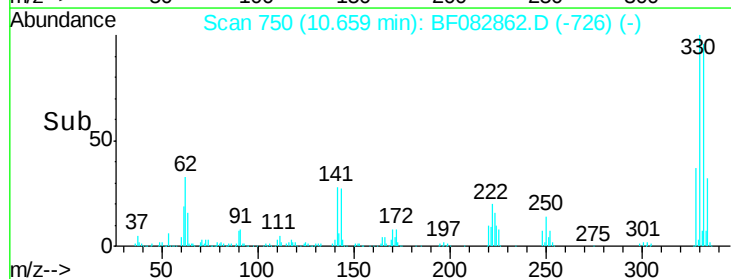
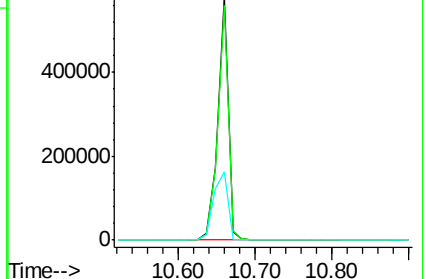
141 38.1 41.2 61.8#

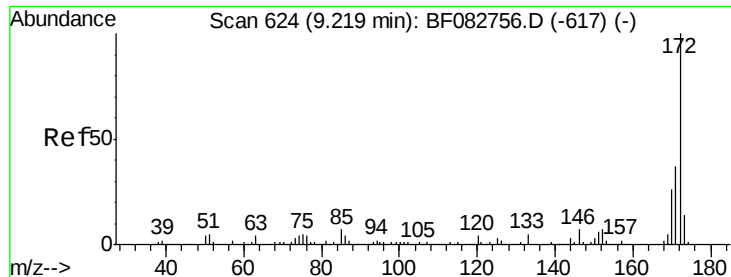


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



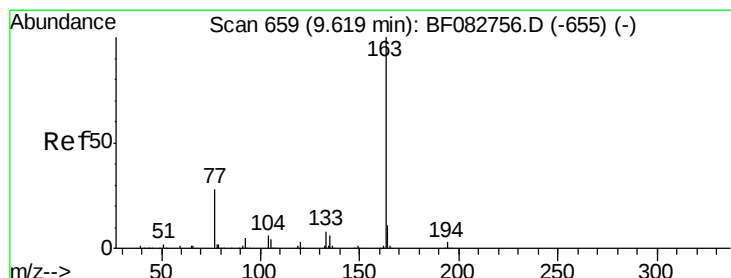
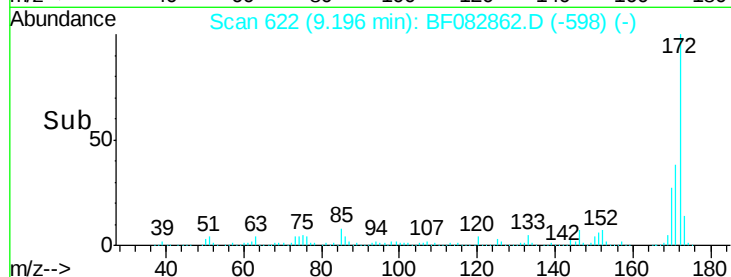
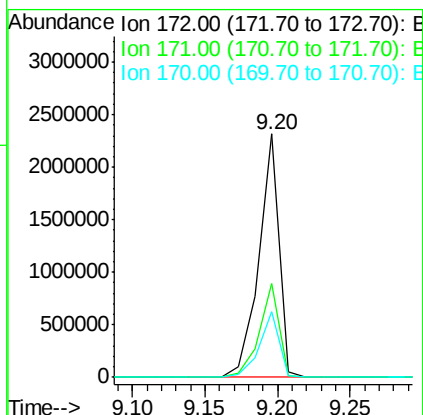
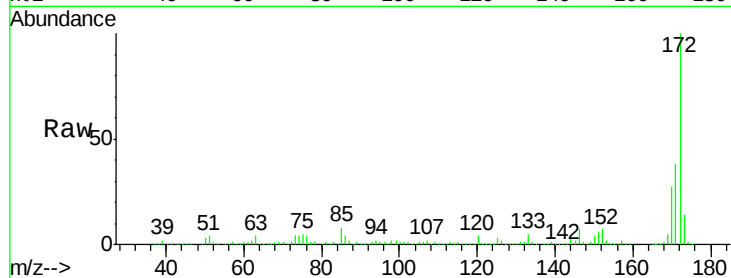


#44
 2-Fluorobiphenyl
 Concen: 64.05 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082862.D
 Acq: 10 Nov 2015 9:13

Instrument :
 BNA_F
 ClientSampleId :
 T-4L

Tot Ion:172 Resp: 2231747

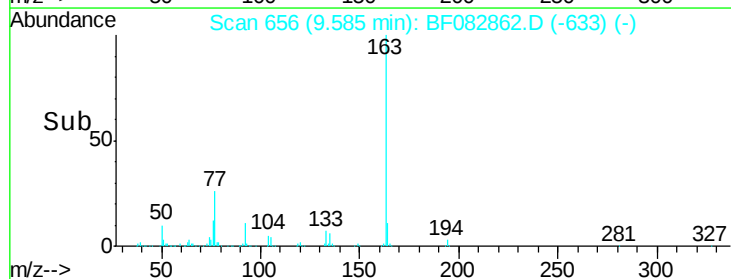
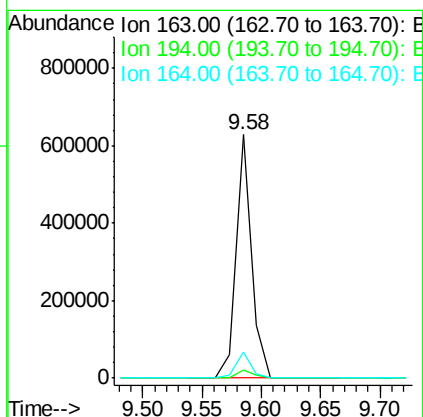
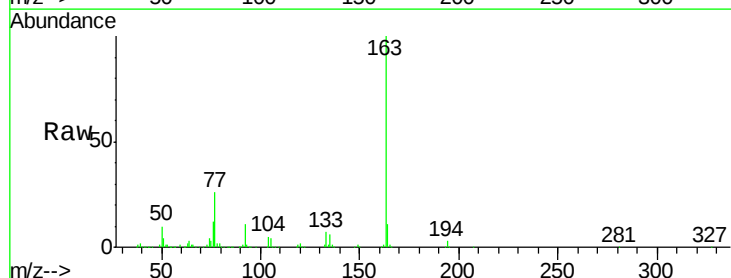
Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	26.8	21.2	31.8

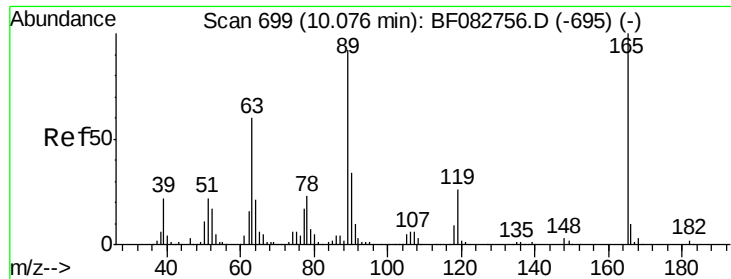


#49
 Dimethylphthalate
 Concen: 13.92 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082862.D
 Acq: 10 Nov 2015 9:13

Tgt Ion:163 Resp: 569357

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.7	8.7	13.1

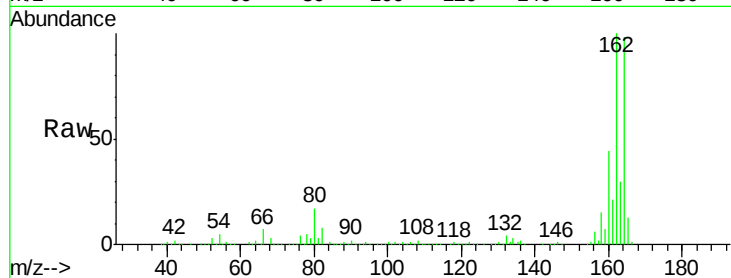




#56
2,4-Dinitrotoluene
Concen: 5.53 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.21 min
Lab File: BF082862.D
Acq: 10 Nov 2015 9:13

Instrument :
BNA_F
ClientSampleId :
T-4L

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	1.8	70.6	106.0#
182	0.0	1.5	2.3#

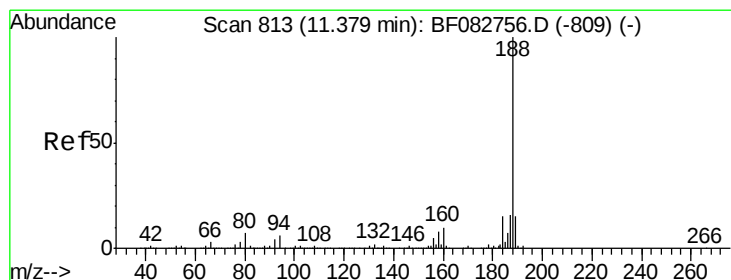
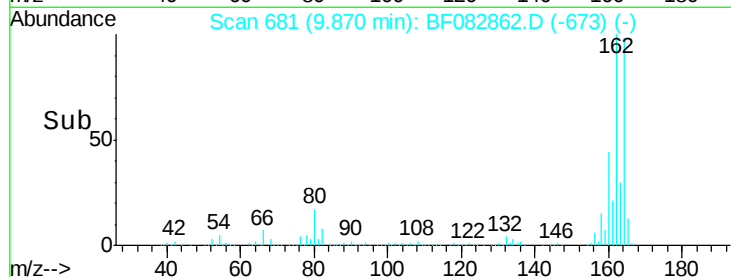
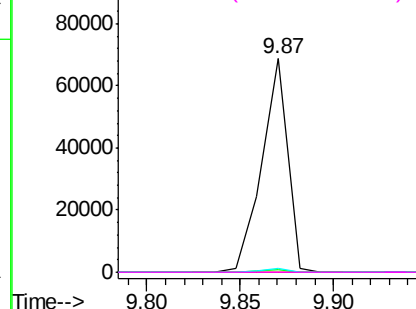


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

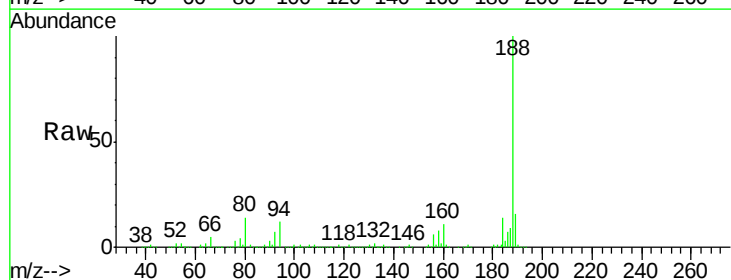
Ion 89.00 (88.70 to 89.70): BF0

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: BF082862.D
Acq: 10 Nov 2015 9:13

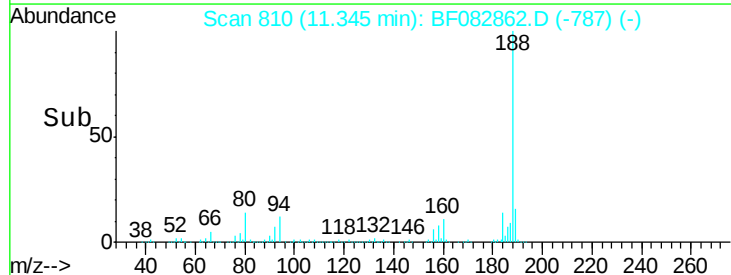
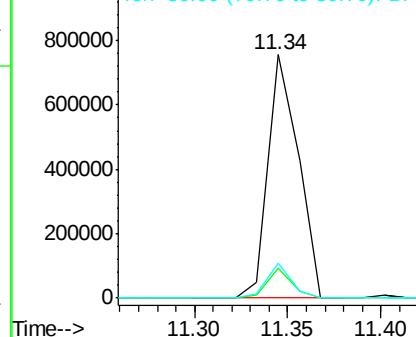
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.1	9.1#
80	14.2	7.0	10.6#

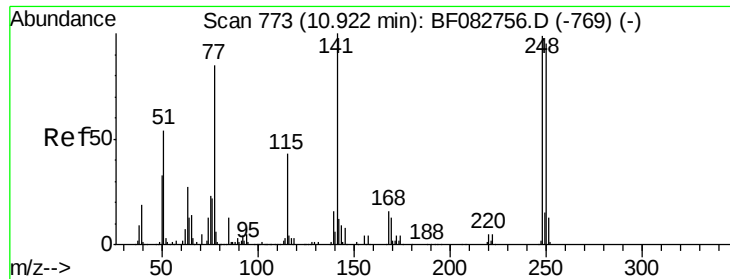


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.96 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.26 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

Instrument :

BNA_F

ClientSampleId :

T-4L

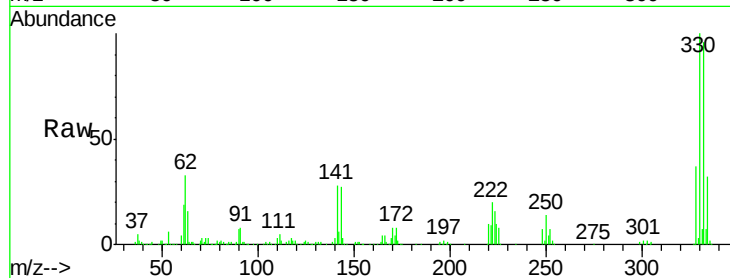
Tot Ion:248 Resp: 40477

Ion Ratio Lower Upper

248 100

250 198.0 79.4 119.2#

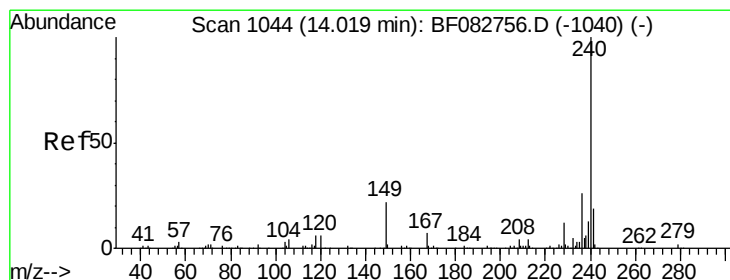
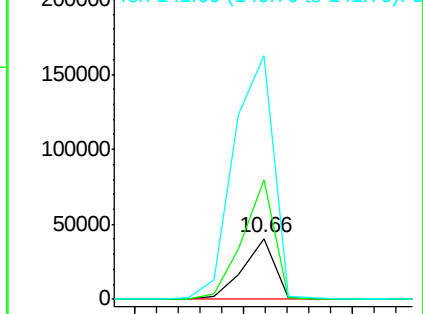
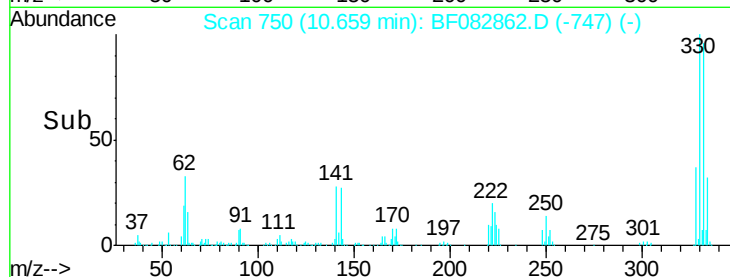
141 401.8 36.3 54.5#



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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

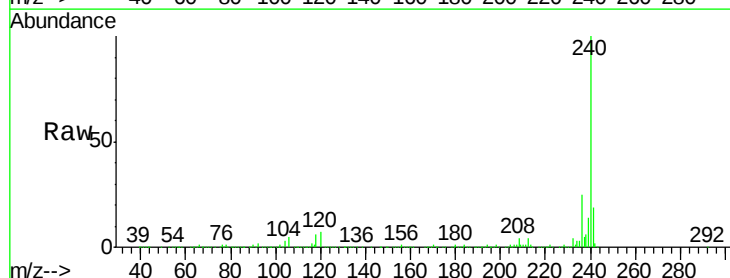
Tgt Ion:240 Resp: 789043

Ion Ratio Lower Upper

240 100

120 7.4 10.9 16.3#

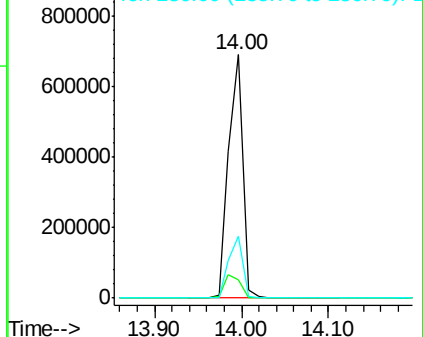
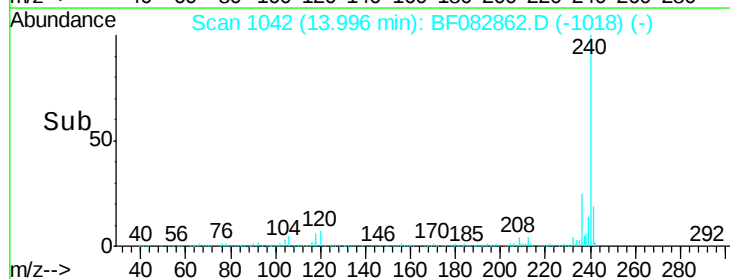
236 25.2 21.6 32.4

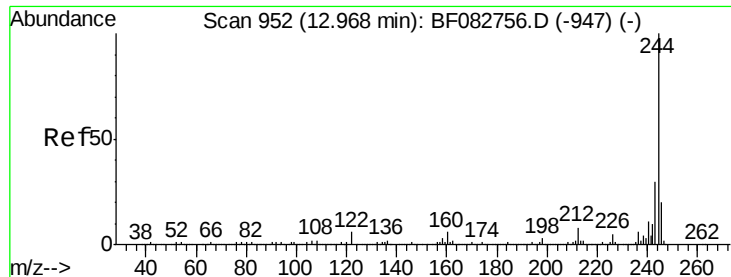


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.39 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

Instrument :

BNA_F

ClientSampled :

T-4L

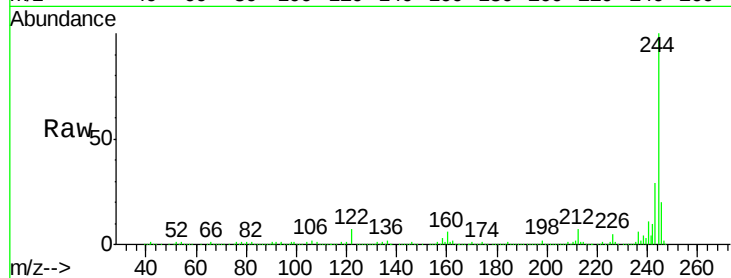
Tot Ion:244 Resp: 2108854

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

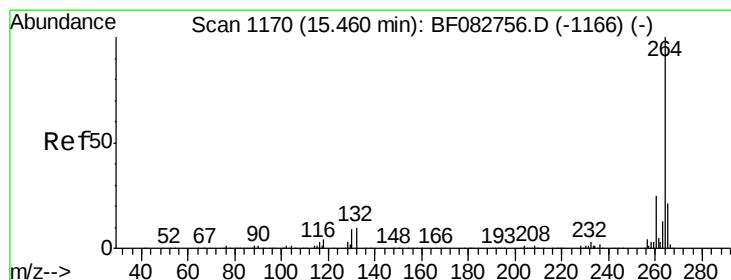
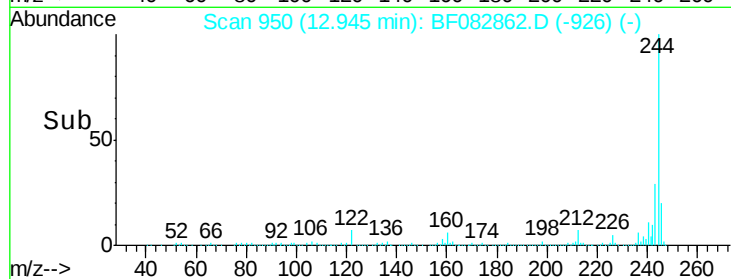
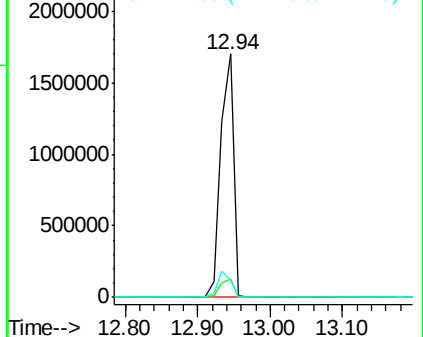
122 6.9 11.3 16.9#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF082862.D

Acq: 10 Nov 2015 9:13

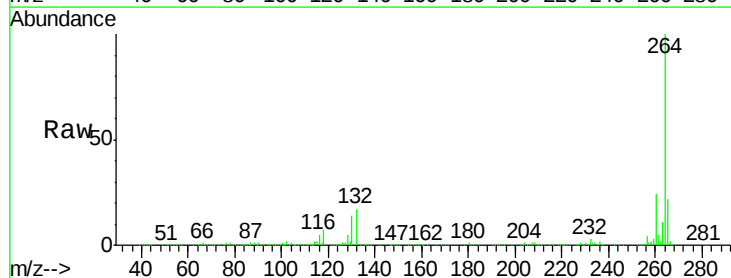
Tgt Ion:264 Resp: 616089

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 22.1 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

