

Data Path : Z:\HPCHEM1\BNA F\Data\BF110915\
 Data File : BF082858.D
 Acq On : 10 Nov 2015 7:10
 Operator : UM/IZ
 Sample : G4275-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-8C

Quant Time: Nov 10 08:53:53 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

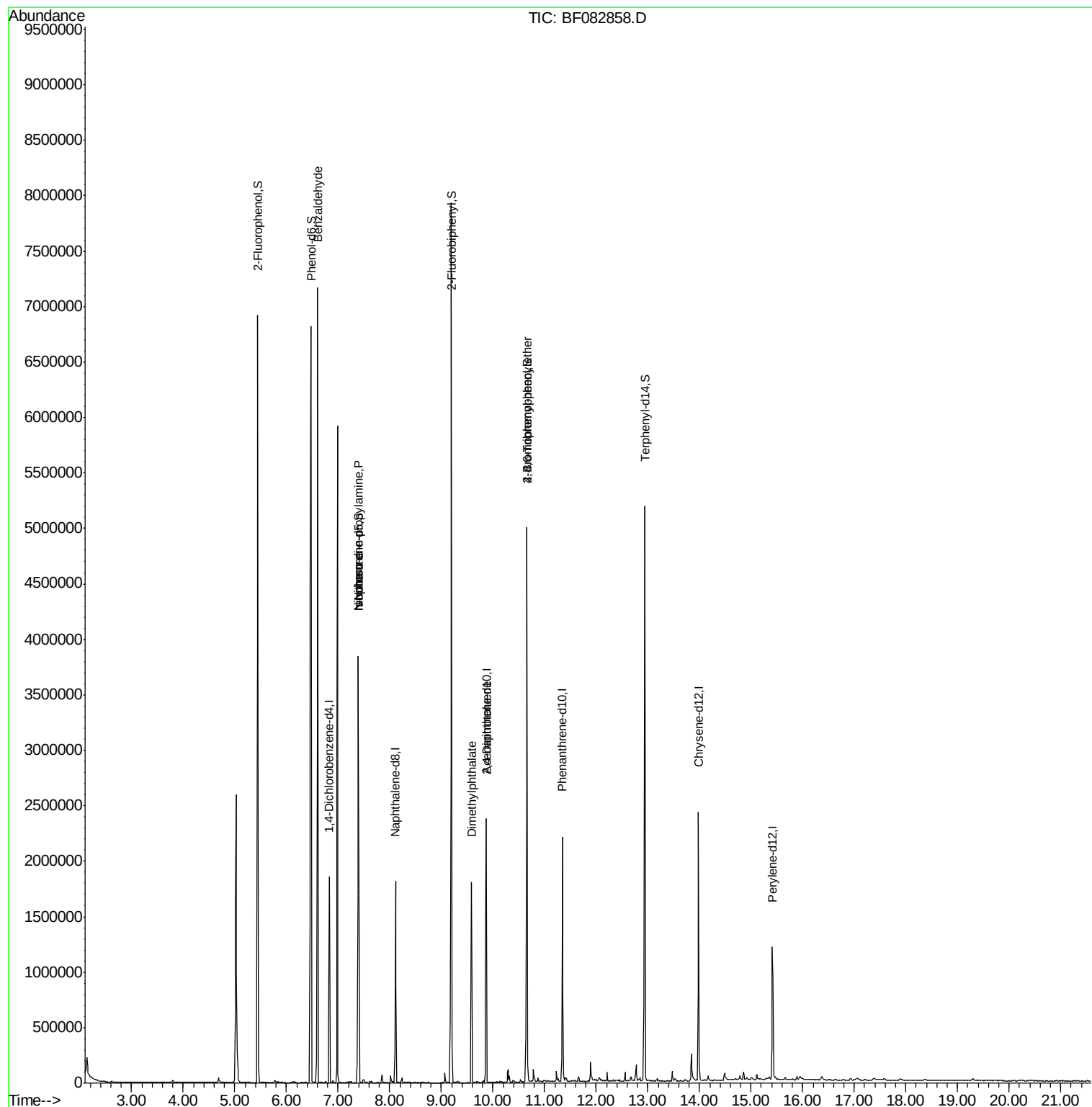
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	276088	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	965732	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	521204	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	879438	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	826608	20.00	ng	-0.03
86) Perylene-d12	15.41	264	658779	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2099353	118.31	ng	0.00
7) Phenol-d6	6.48	99	2983369	126.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	1804824	81.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	635554	106.35	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2473573	68.02	ng	-0.02
78) Terphenyl-d14	12.94	244	2382000	68.35	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	54231	4.16	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.39	70	239818	13.83	ng	# 71
25) Isophorone	7.39	82	1767437	43.04	ng	# 69
49) Dimethylphthalate	9.58	163	711789	16.67	ng	100
56) 2,4-Dinitrotoluene	9.87	165	66866	5.41	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	45465	4.29	ng	# 1

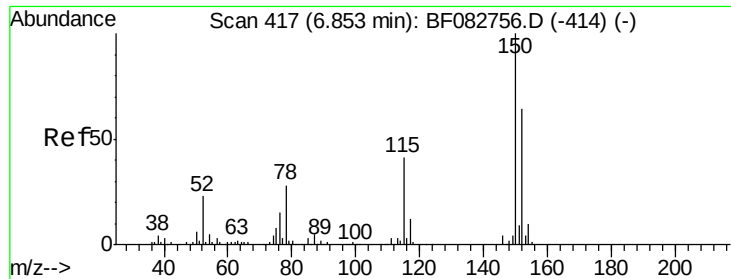
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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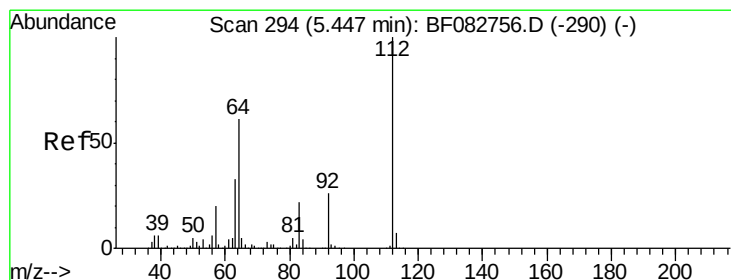
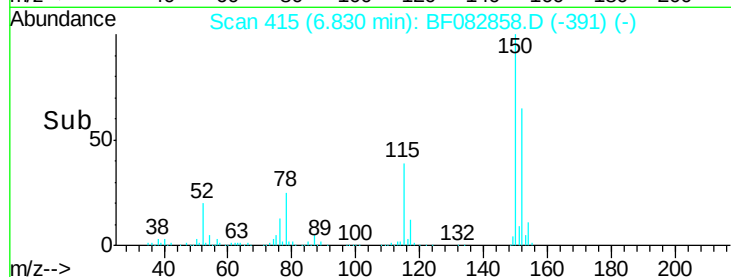
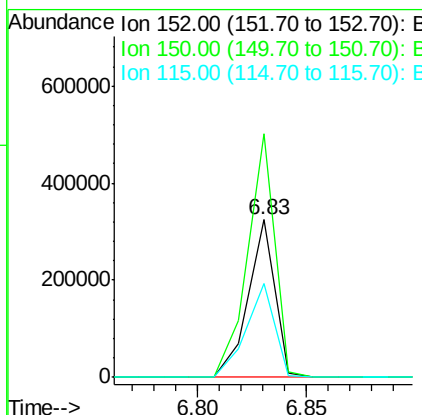
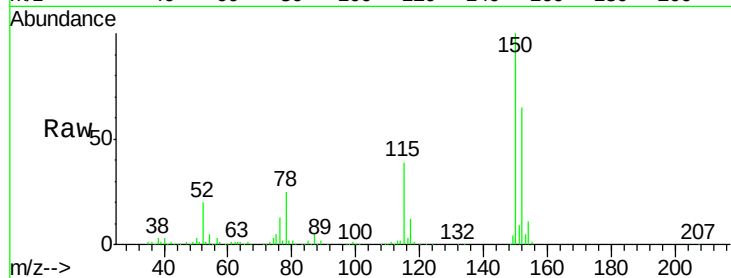


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF082858.D
Acq: 10 Nov 2015 7:10

Instrument :
BNA_F
ClientSampleId :
T-8C

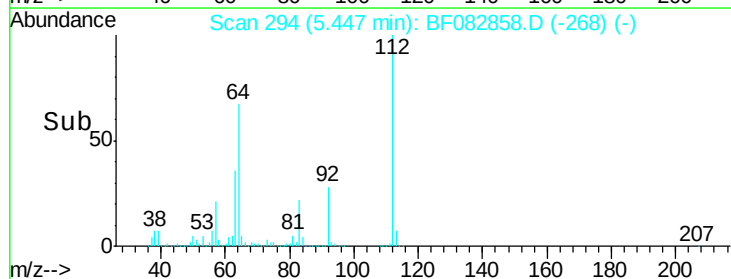
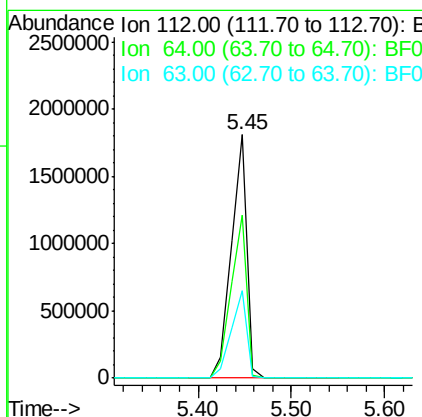
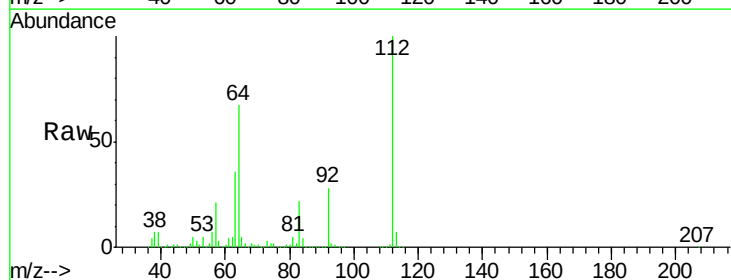
Tot Ion:152 Resp: 276088
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.4
115 59.8 47.0 70.6

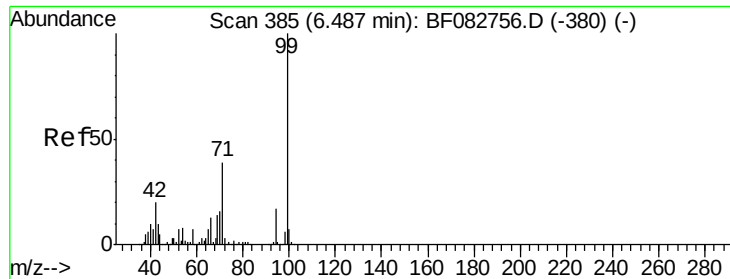


#5

2-Fluorophenol
Concen: 118.31 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF082858.D
Acq: 10 Nov 2015 7:10

Tgt Ion:112 Resp: 2099353
Ion Ratio Lower Upper
112 100
64 67.2 48.9 73.3
63 35.7 28.1 42.1





#7

Phenol-d6

Concen: 126.47 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

T-8C

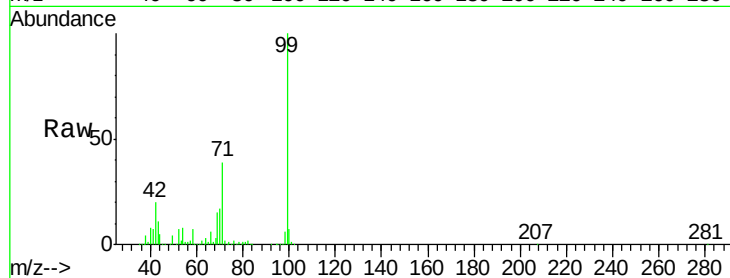
Tot Ion: 99 Resp: 2983369

Ion Ratio Lower Upper

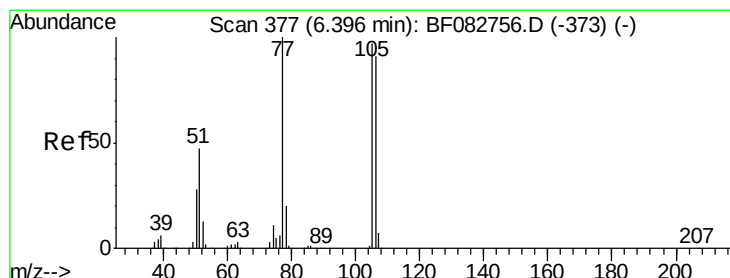
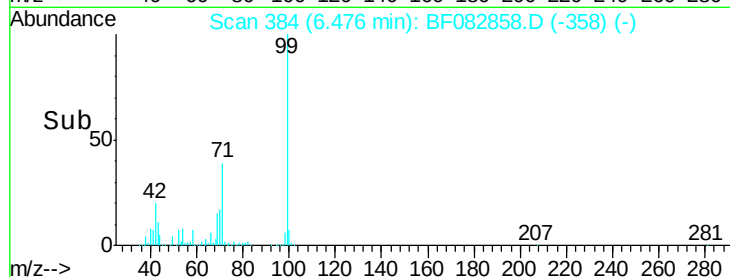
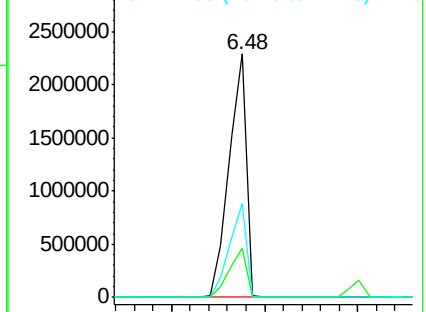
99 100

42 20.1 19.2 28.8

71 38.6 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: 4.16 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

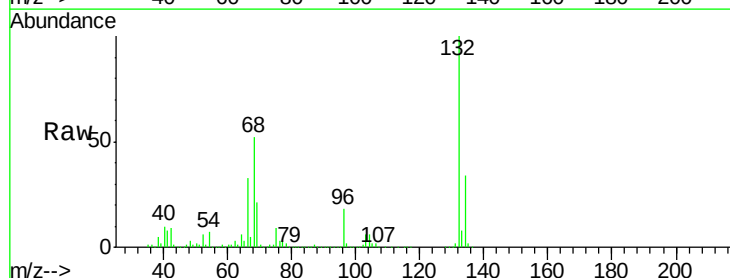
Tgt Ion: 77 Resp: 54231

Ion Ratio Lower Upper

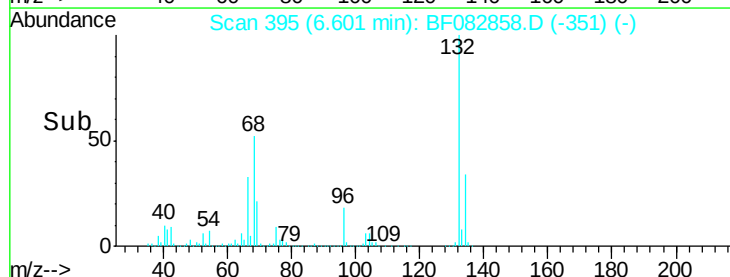
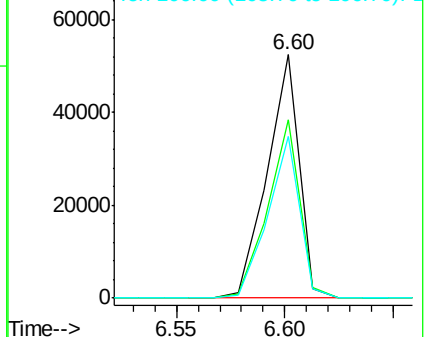
77 100

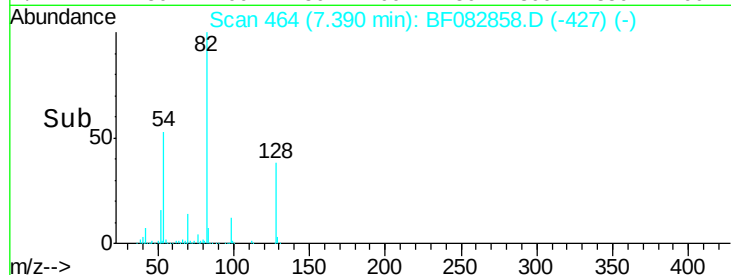
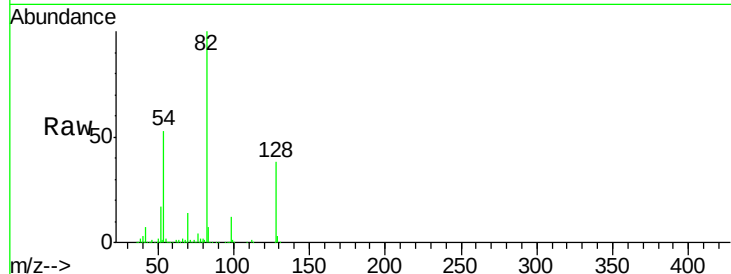
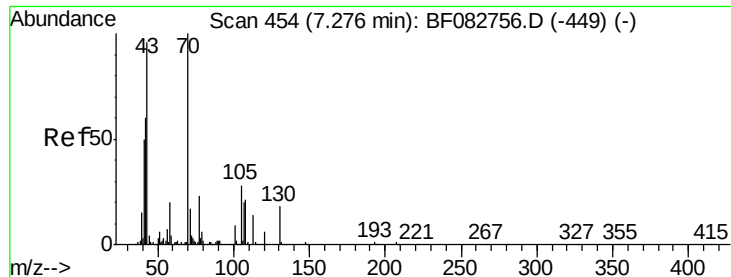
105 73.3 63.5 103.5

106 66.4 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

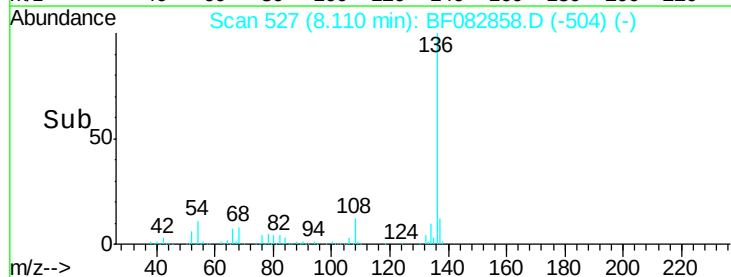
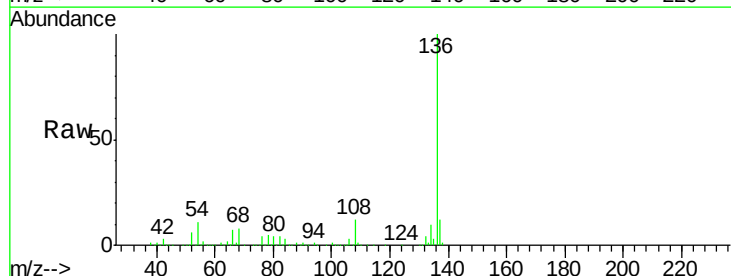
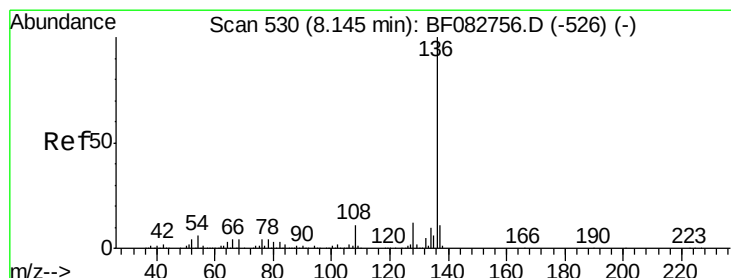
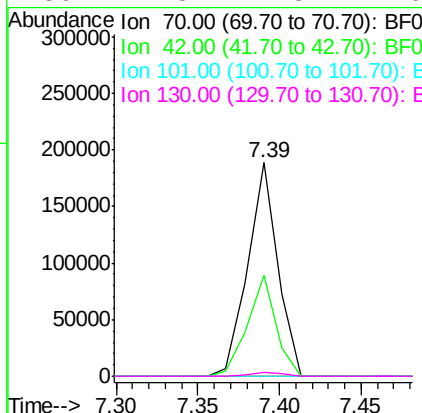




#19
n-Nitroso-di-n-propylamine
Concen: 13.83 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082858.D
Acq: 10 Nov 2015 7:10

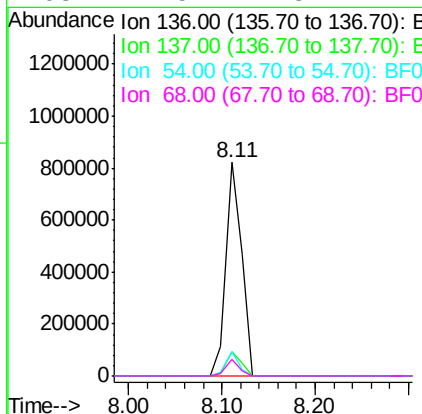
Instrument :
BNA_F
ClientSampleId :
T-8C

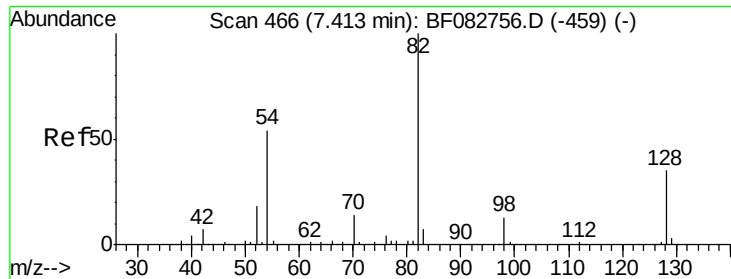
Tot Ion:	70	Resp:	239818
Ion	Ratio	Lower	Upper
70	100		
42	47.6	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082858.D
Acq: 10 Nov 2015 7:10

Tgt Ion:	136	Resp:	965732
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.2	9.1	13.7
68	7.5	4.8	7.2#

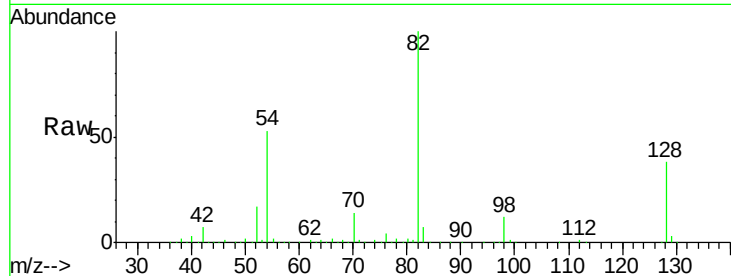




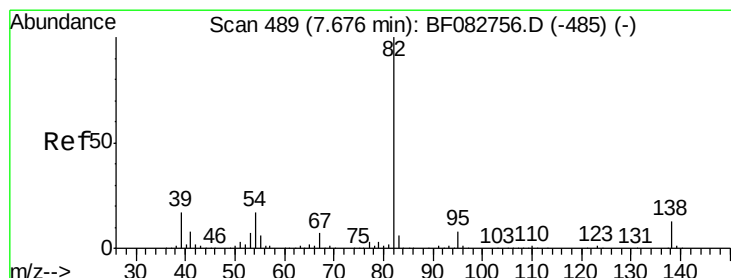
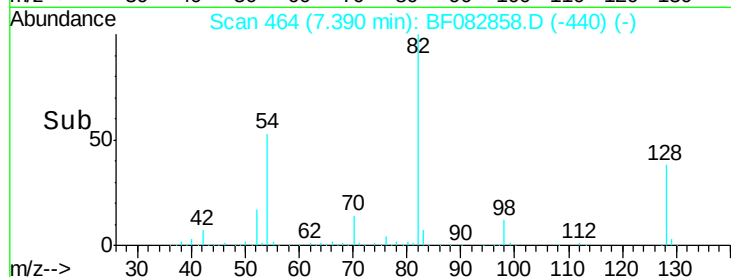
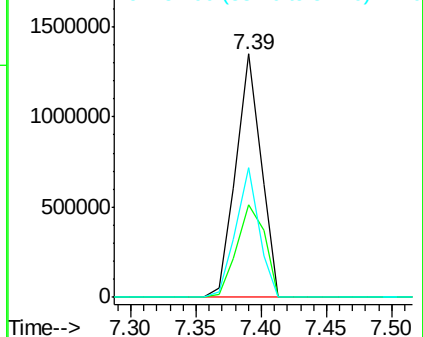
#23
 Nitrobenzene-d5
 Concen: 81.32 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Instrument :
 BNA_F
 ClientSampleID :
 T-8C

Tot Ion: 82 Resp: 1804824
 Ion Ratio Lower Upper
 82 100
 128 38.1 26.8 40.2
 54 53.1 45.7 68.5

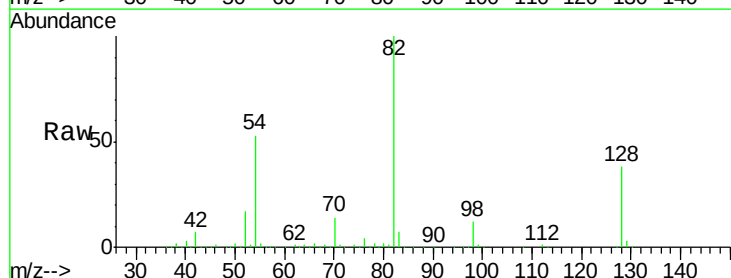


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

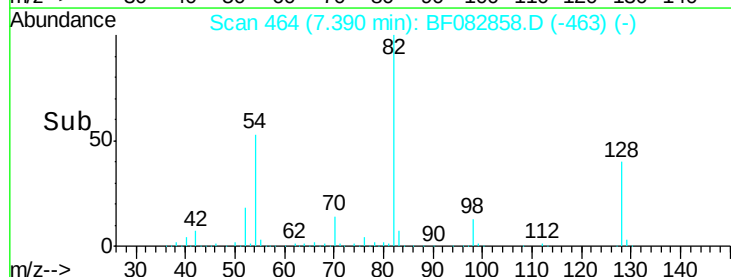
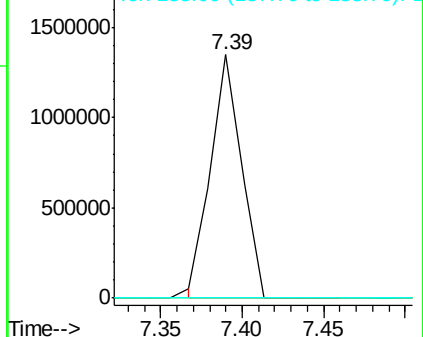


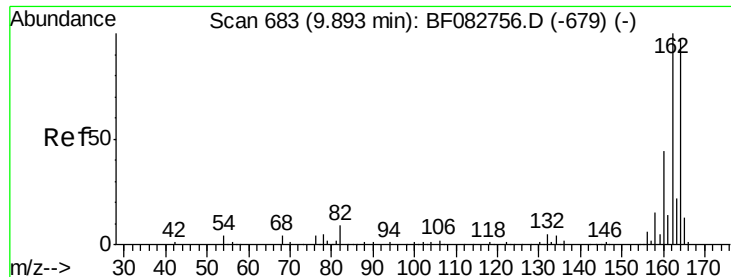
#25
 Isophorone
 Concen: 43.04 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.29 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Tgt Ion: 82 Resp: 1767437
 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

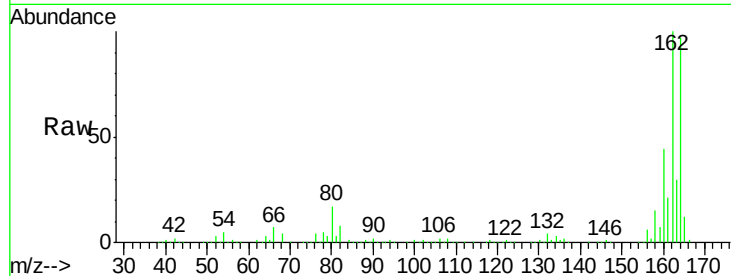




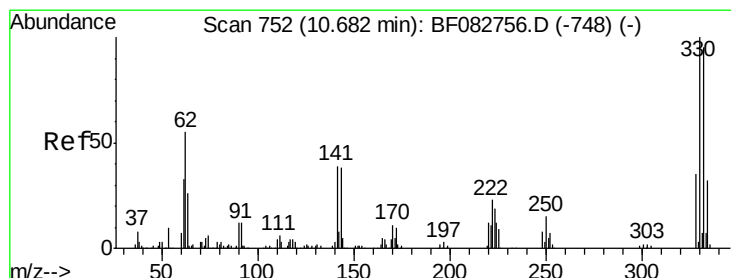
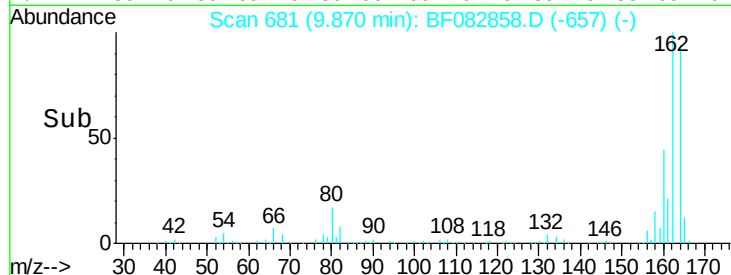
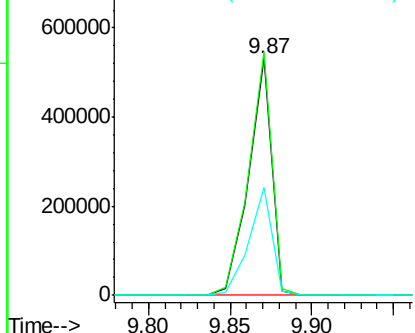
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 T-8C

Tot Ion:164 Resp: 521204
 Ion Ratio Lower Upper
 164 100
 162 102.8 84.9 127.3
 160 45.6 37.5 56.3

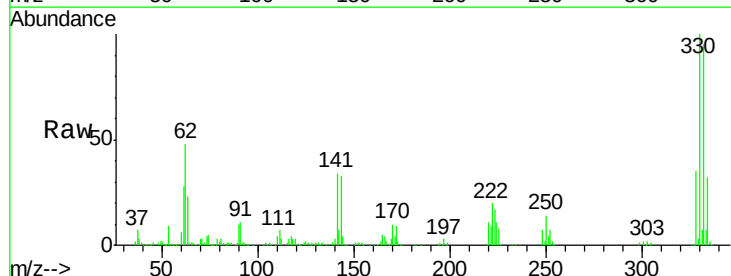


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

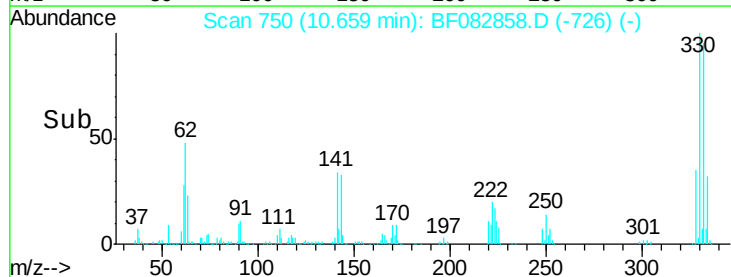
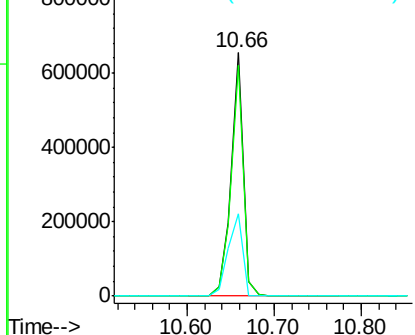


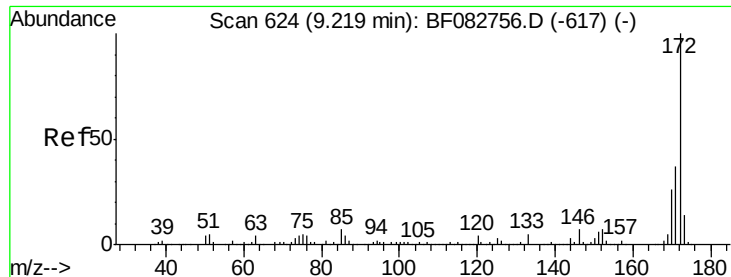
#41
 2,4,6-Tribromophenol
 Concen: 106.35 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Tgt Ion:330 Resp: 635554
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 40.6 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



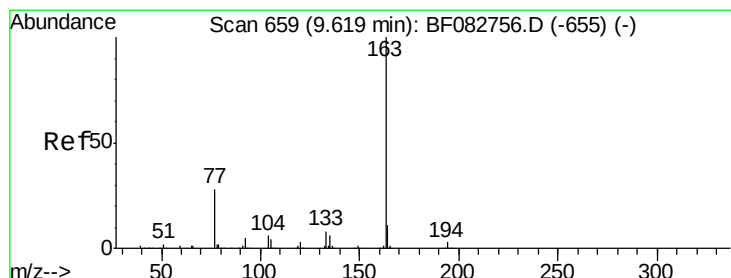
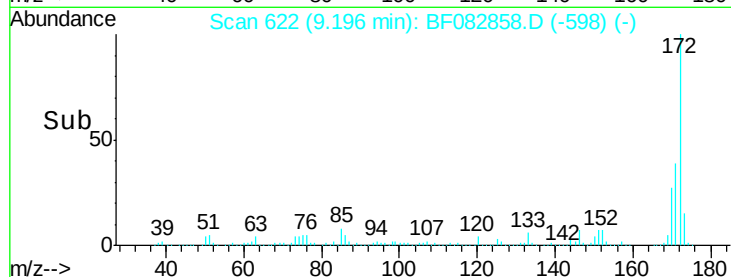
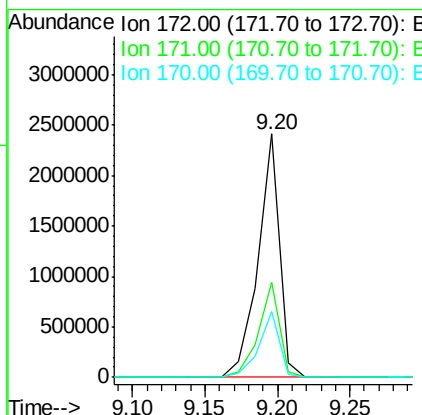
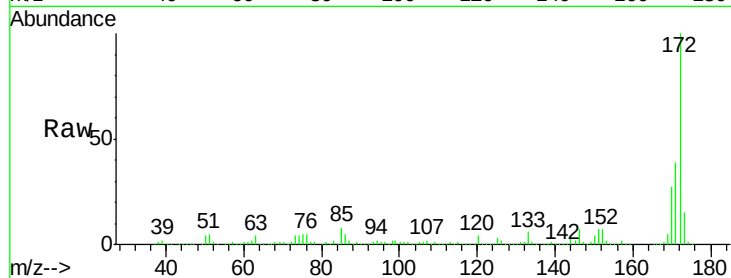


#44
 2-Fluorobiphenyl
 Concen: 68.02 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Instrument :
 BNA_F
 ClientSampleId :
 T-8C

Tot Ion:172 Resp: 2473573

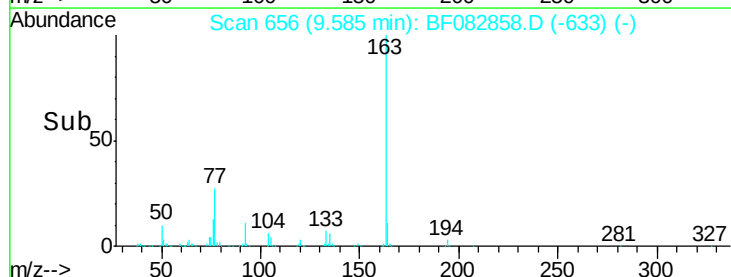
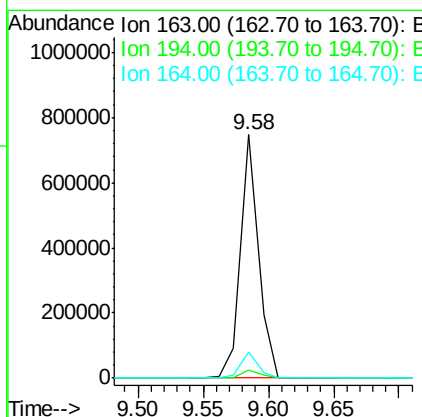
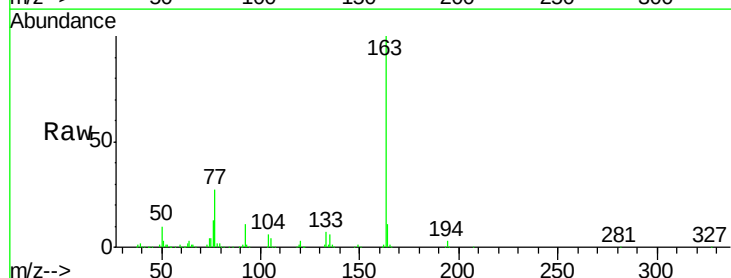
Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.8	46.2
170	27.1	21.2	31.8

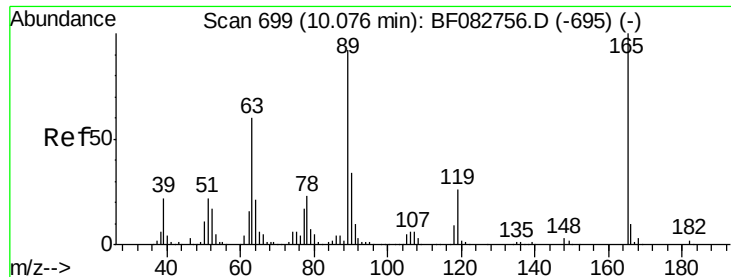


#49
 Dimethylphthalate
 Concen: 16.67 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082858.D
 Acq: 10 Nov 2015 7:10

Tgt Ion:163 Resp: 711789

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.8	8.7	13.1





#56

2,4-Dinitrotoluene

Concen: 5.41 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

T-8C

Tot Ion:165 Resp: 66866

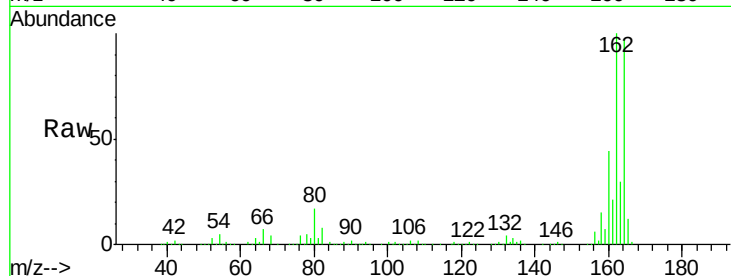
Ion Ratio Lower Upper

165 100

63 1.3 43.4 65.0#

89 1.2 70.6 106.0#

182 0.0 1.5 2.3#

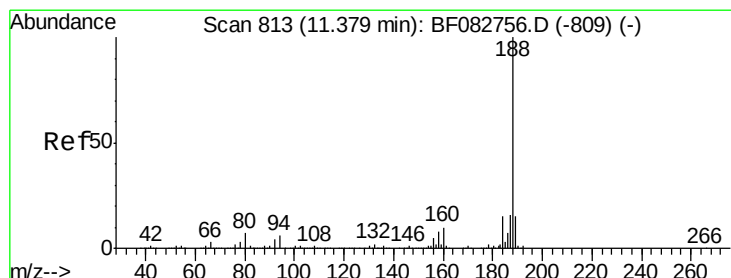
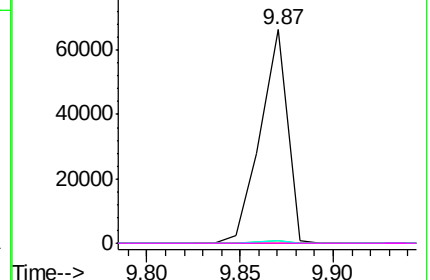
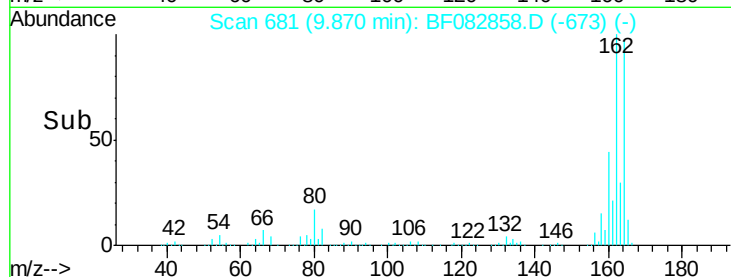


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082858.D

Acq: 10 Nov 2015 7:10

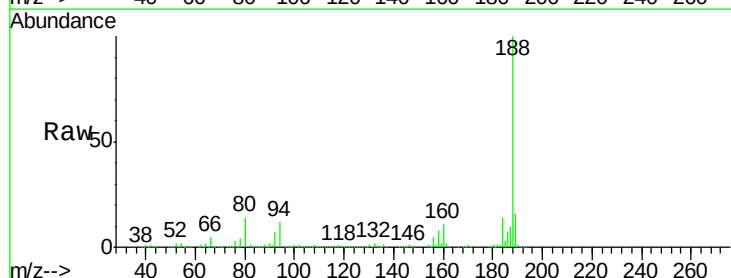
Tgt Ion:188 Resp: 879438

Ion Ratio Lower Upper

188 100

94 12.2 6.1 9.1#

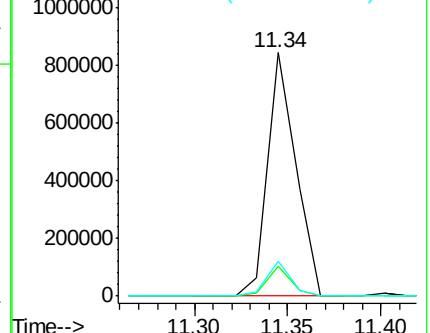
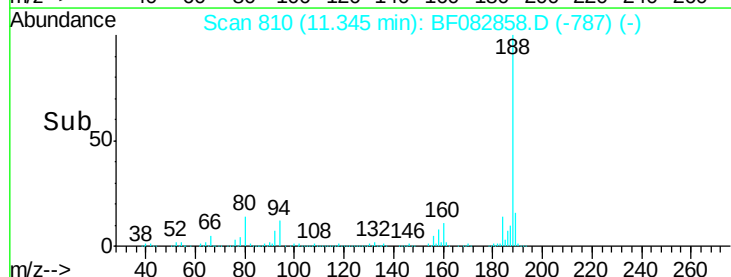
80 14.1 7.0 10.6#

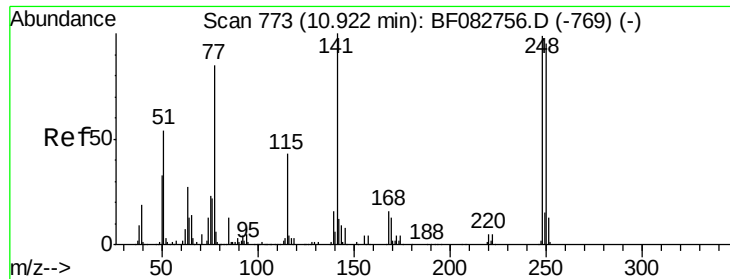


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

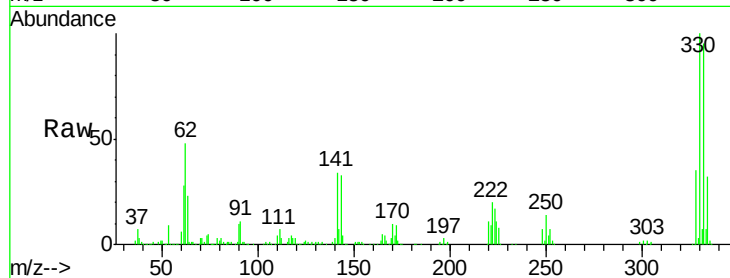




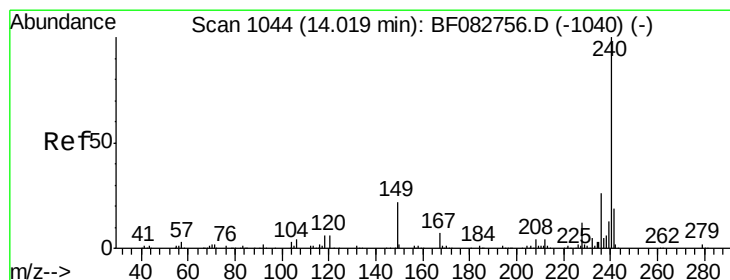
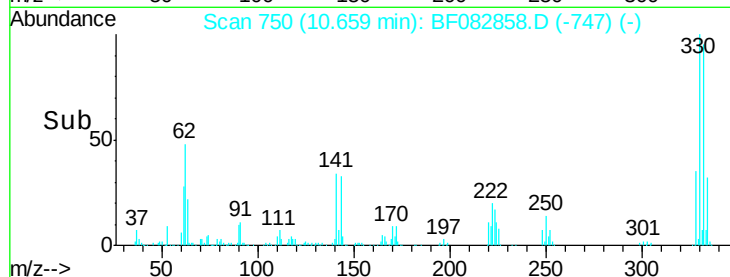
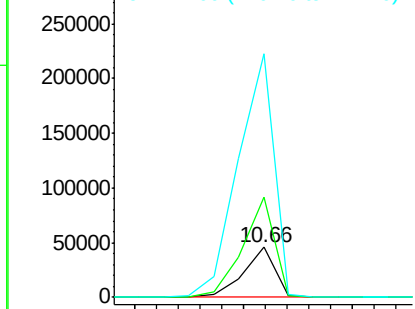
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.26 min
Lab File: BF082858.D
Acq: 10 Nov 2015 7:10

Instrument :
BNA_F
ClientSampleId :
T-8C

Tot Ion:248 Resp: 45465
Ion Ratio Lower Upper
248 100
250 199.9 79.4 119.2#
141 487.6 36.3 54.5#

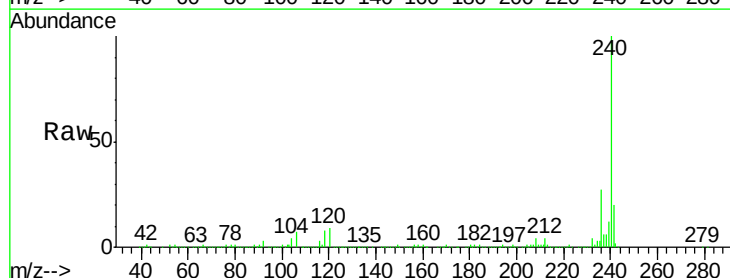


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

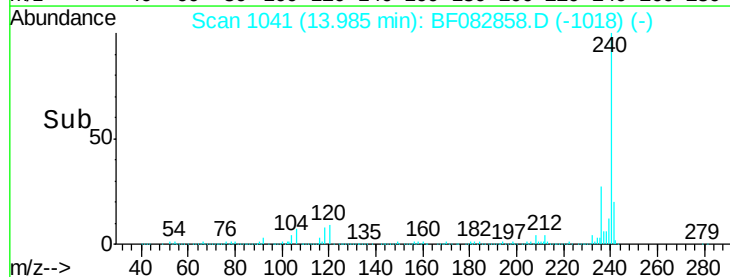
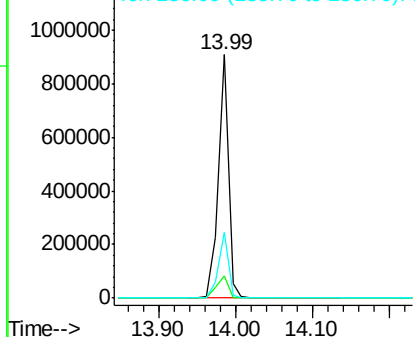


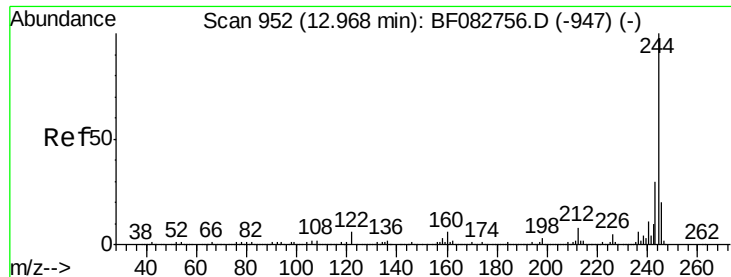
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082858.D
Acq: 10 Nov 2015 7:10

Tgt Ion:240 Resp: 826608
Ion Ratio Lower Upper
240 100
120 9.2 10.9 16.3#
236 27.1 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: 68.35 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

Instrument :

BNA_F

ClientSampleId :

T-8C

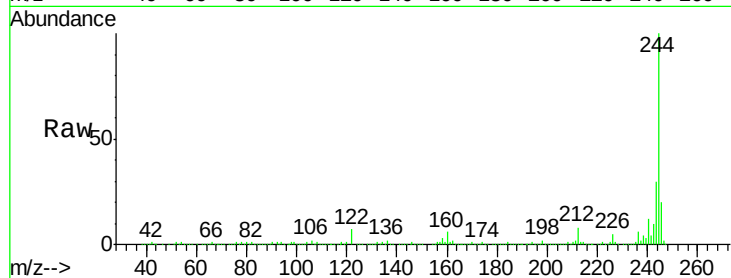
Tot Ion:244 Resp: 2382000

Ion Ratio Lower Upper

244 100

212 7.6 7.6 11.4#

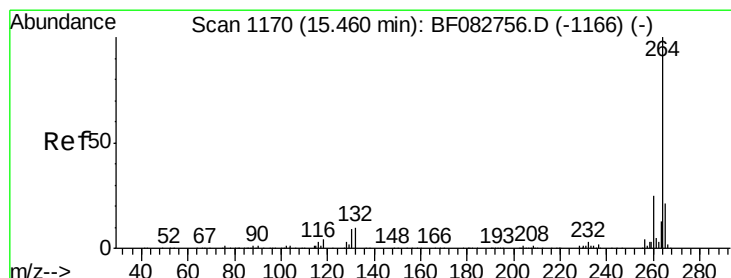
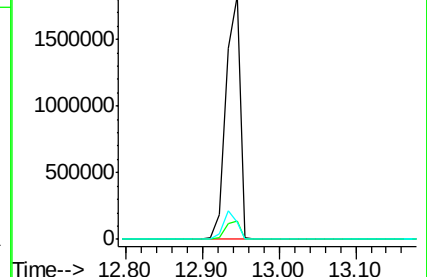
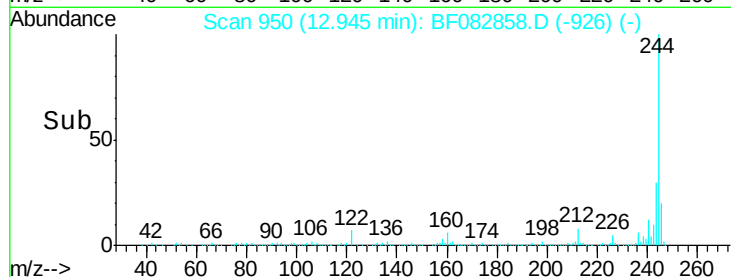
122 7.0 11.3 16.9#



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: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082858.D

Acq: 10 Nov 2015 7:10

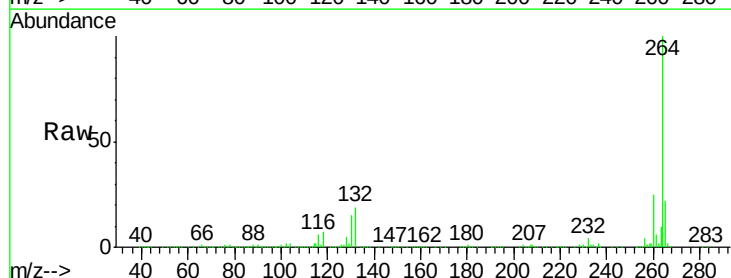
Tgt Ion:264 Resp: 658779

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.6

265 21.9 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

