

Data Path : Z:\HPCHEM1\BNA F\Data\BF110915\
 Data File : BF082859.D
 Acq On : 10 Nov 2015 7:39
 Operator : UM/IZ
 Sample : G4275-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6C

Quant Time: Nov 10 08:54:24 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

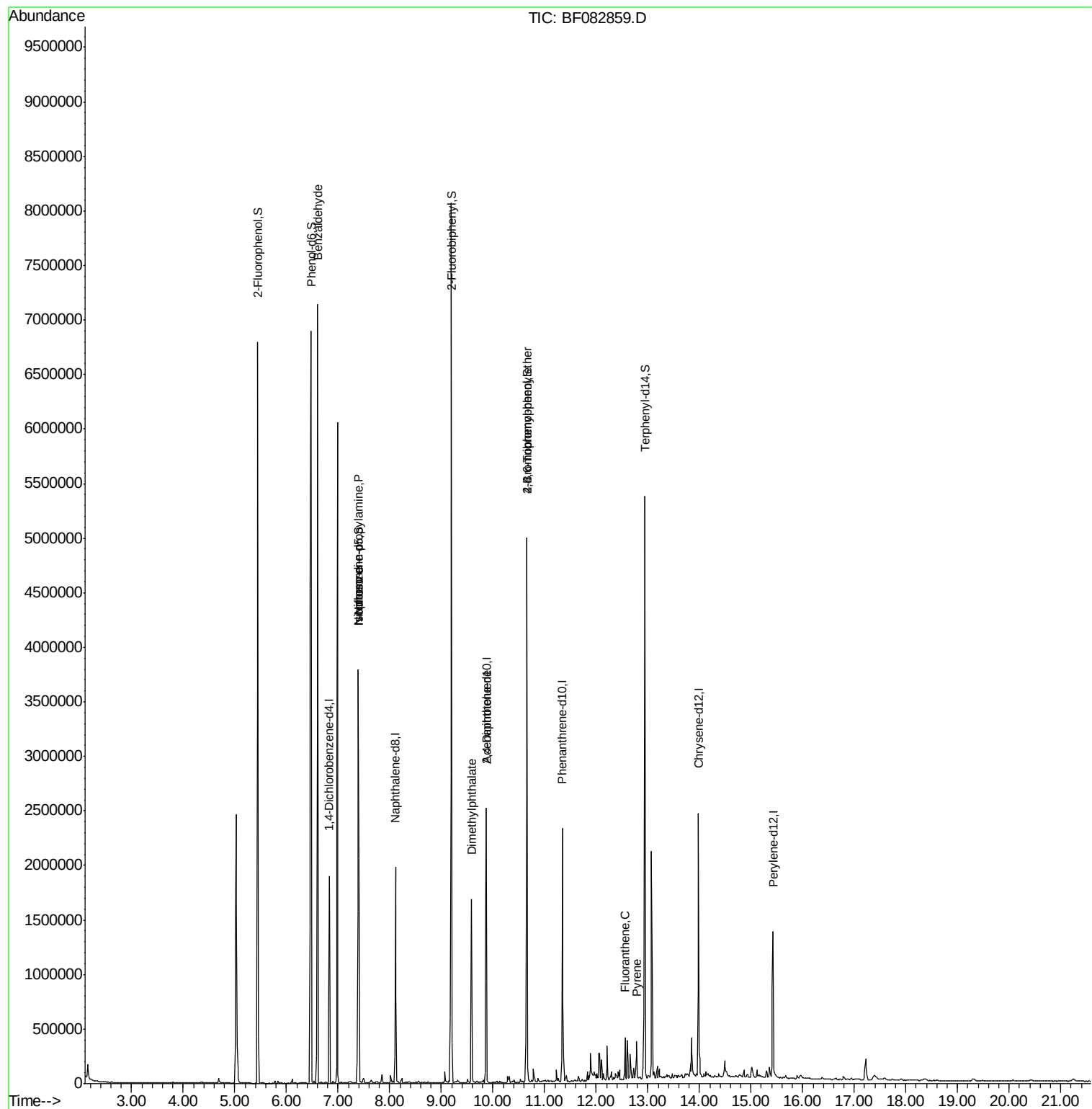
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	280357	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	985376	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	539381	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	876585	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	803539	20.00	ng	-0.03
86) Perylene-d12	15.43	264	644556	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2011083	111.61	ng	0.00
7) Phenol-d6	6.48	99	3011890	125.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	1845029	81.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	633661	102.46	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2510320	66.70	ng	-0.02
78) Terphenyl-d14	12.95	244	2336449	68.97	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	55168	4.17	ng	88
19) n-Nitroso-di-n-propylamine	7.39	70	249676	14.18	ng	# 71
25) Isophorone	7.39	82	1797970	42.91	ng	# 69
49) Dimethylphthalate	9.58	163	609899	13.80	ng	100
56) 2,4-Dinitrotoluene	9.87	165	71226	5.57	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	47311	4.48	ng	# 1
74) Fluoranthene	12.56	202	149642	2.74	ng	98
77) Pyrene	12.79	202	150408	2.73	ng	97

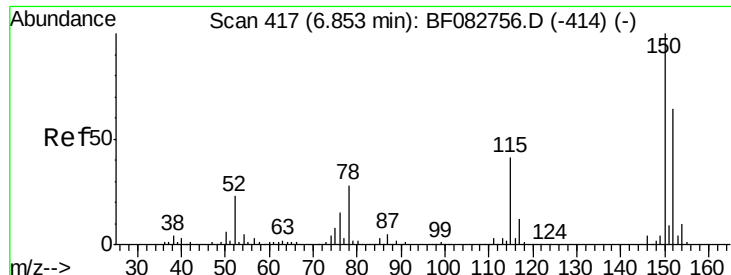
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

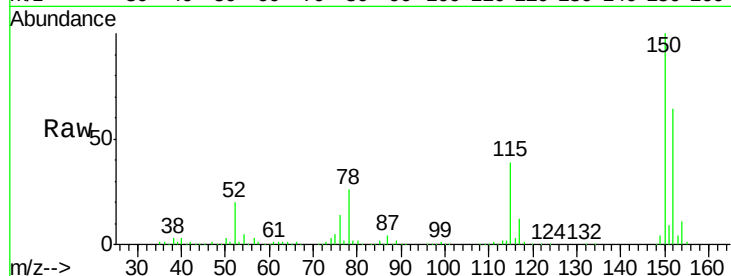
Tot Ion:152 Resp: 280357

Ion Ratio Lower Upper

152 100

150 155.1 127.0 190.4

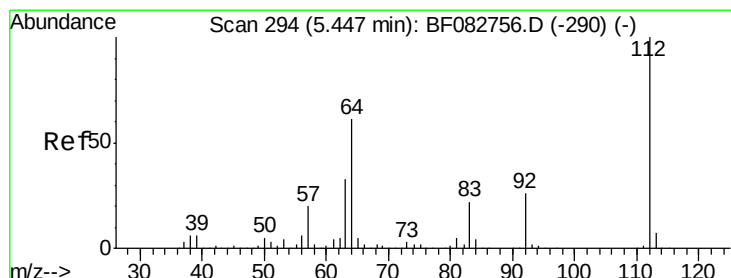
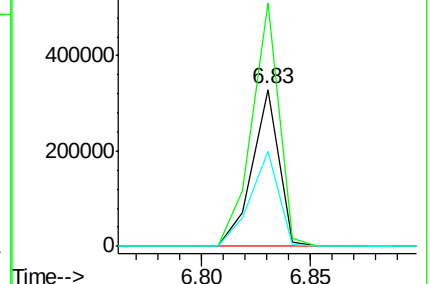
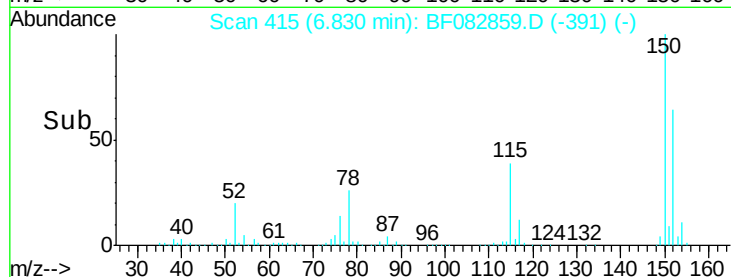
115 60.4 47.0 70.6



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: 111.61 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

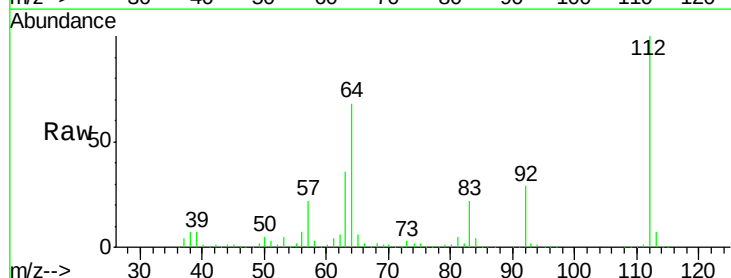
Tgt Ion:112 Resp: 2011083

Ion Ratio Lower Upper

112 100

64 68.2 48.9 73.3

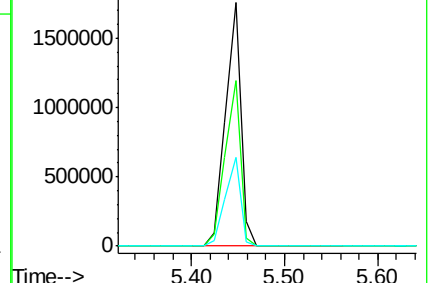
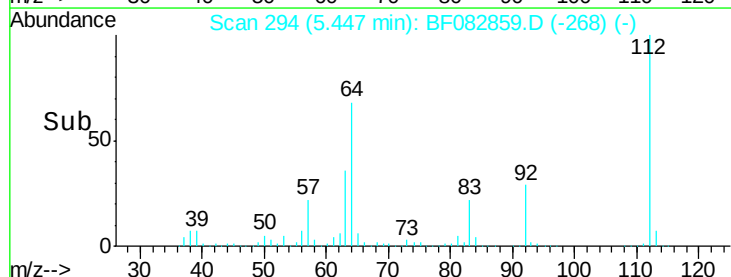
63 36.3 28.1 42.1

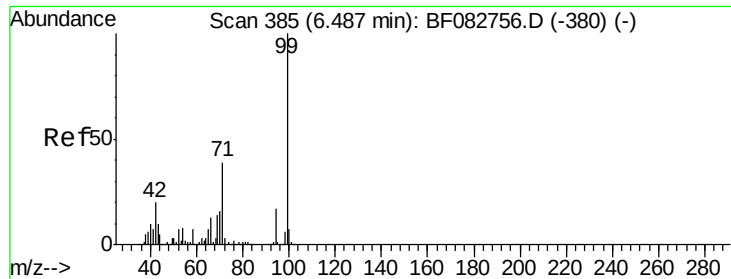


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.73 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

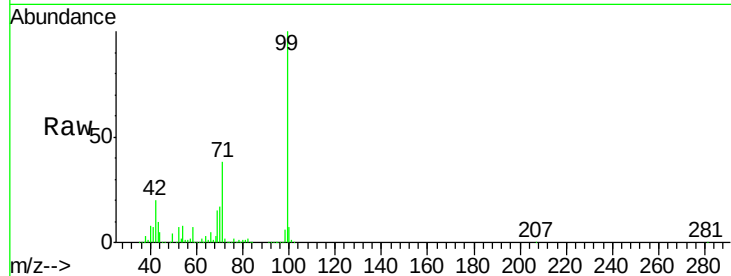
Tot Ion: 99 Resp: 3011890

Ion	Ratio	Lower	Upper
99	100		
42	19.8	19.2	28.8
71	38.3	35.0	52.4

99 100

42 19.8 19.2 28.8

71 38.3 35.0 52.4

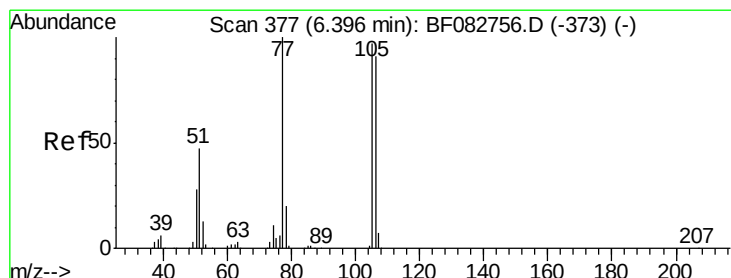
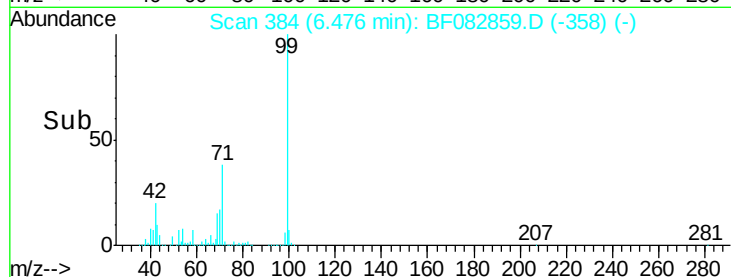
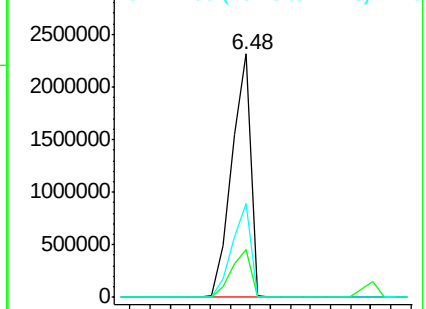


Abundance

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: 4.17 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

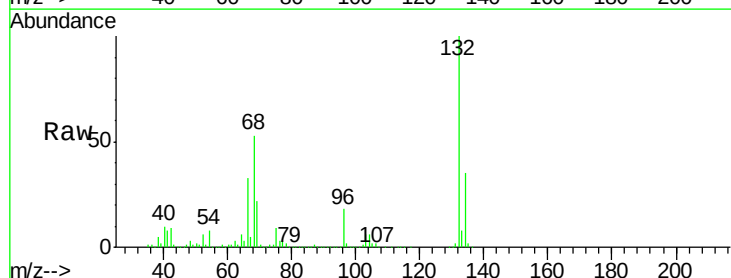
Tgt Ion: 77 Resp: 55168

Ion	Ratio	Lower	Upper
77	100		
105	76.0	63.5	103.5
106	65.4	59.3	99.3

77 100

105 76.0 63.5 103.5

106 65.4 59.3 99.3

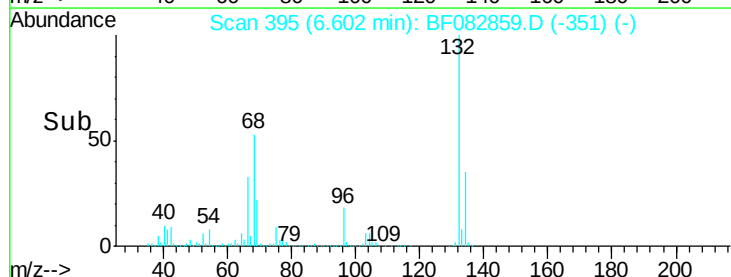
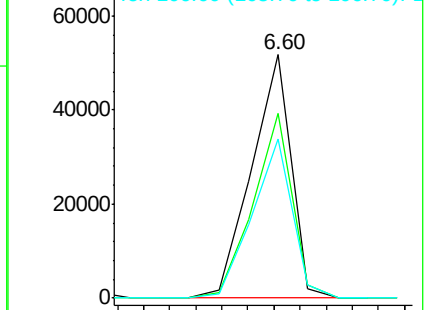


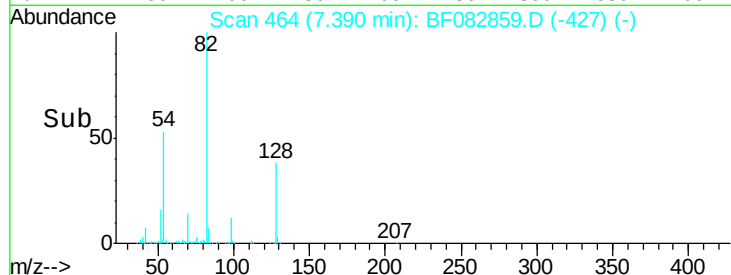
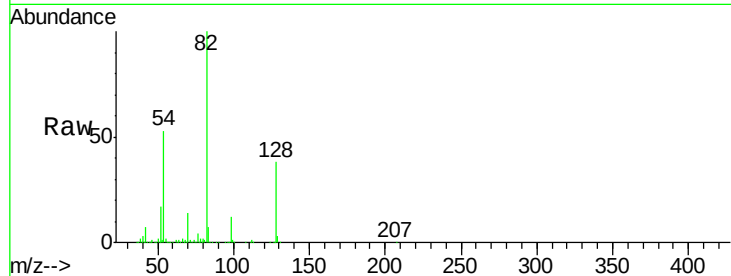
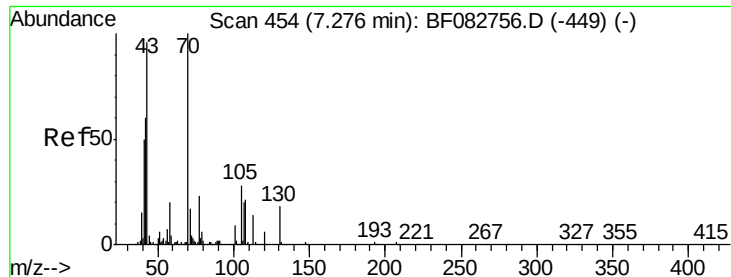
Abundance

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

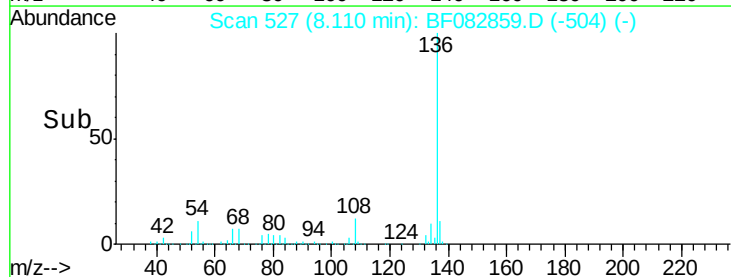
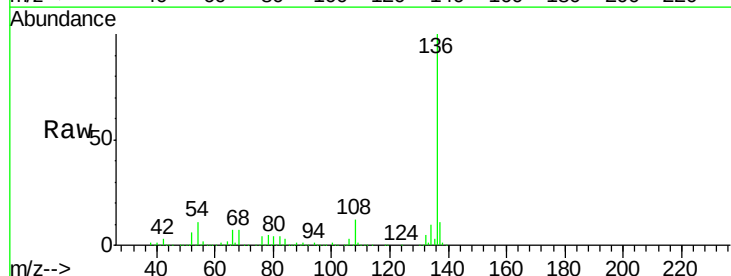
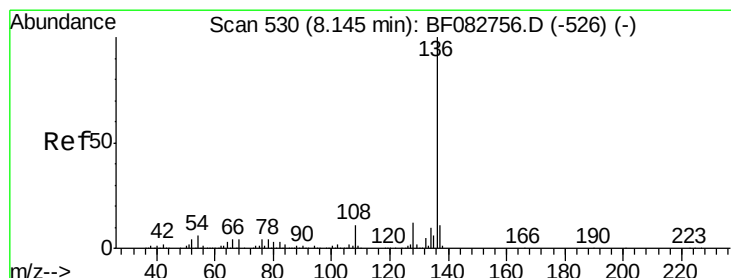
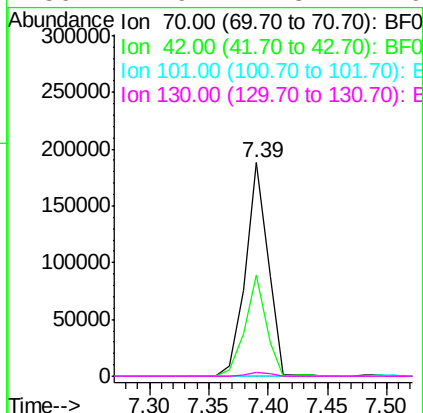




#19
n-Nitroso-di-n-propylamine
Concen: 14.18 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082859.D
Acq: 10 Nov 2015 7:39

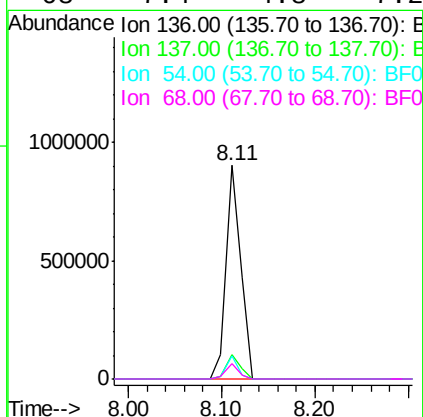
Instrument :
BNA_F
ClientSampleID :
T-6C

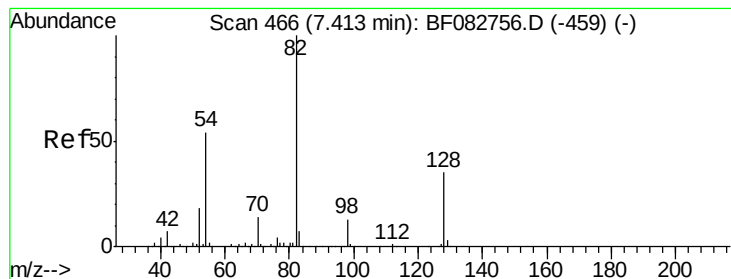
Tot Ion:	70	Resp:	249676
Ion	Ratio	Lower	Upper
70	100		
42	47.3	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082859.D
Acq: 10 Nov 2015 7:39

Tgt Ion:	136	Resp:	985376
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.7	9.1	13.7
68	7.4	4.8	7.2#





#23

Nitrobenzene-d5

Concen: 81.47 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

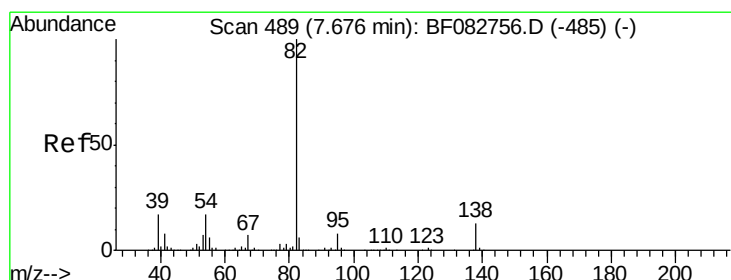
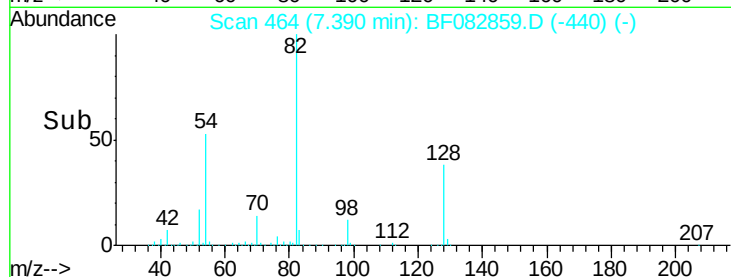
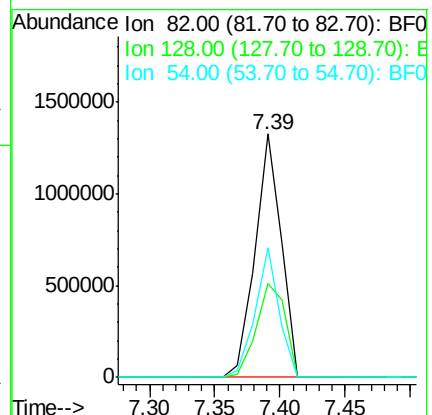
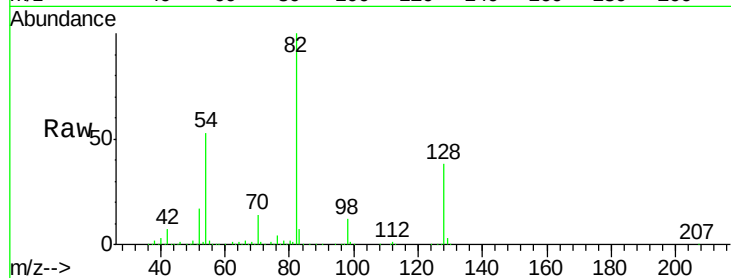
Tot Ion: 82 Resp: 1845029

Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.8	40.2
54	53.2	45.7	68.5

82 100

128 38.3 26.8 40.2

54 53.2 45.7 68.5



#25

Isophorone

Concen: 42.91 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.29 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

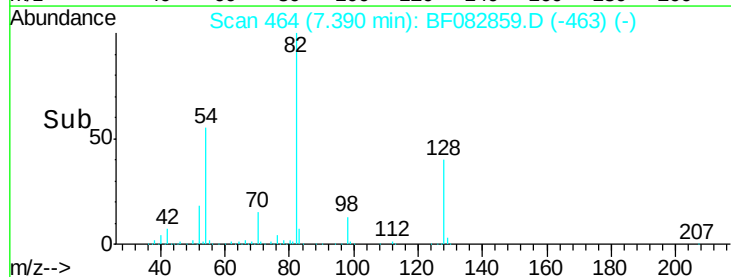
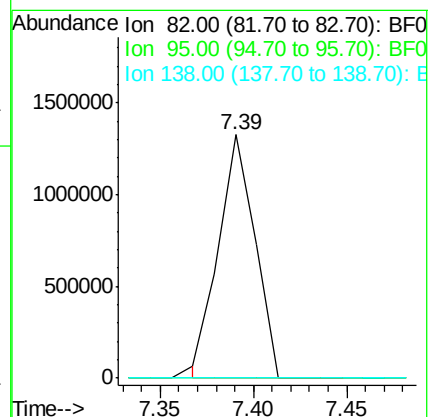
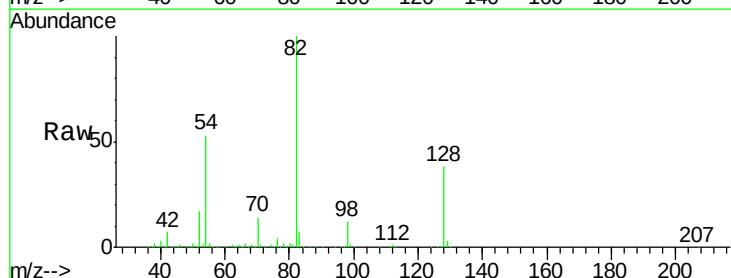
Tgt Ion: 82 Resp: 1797970

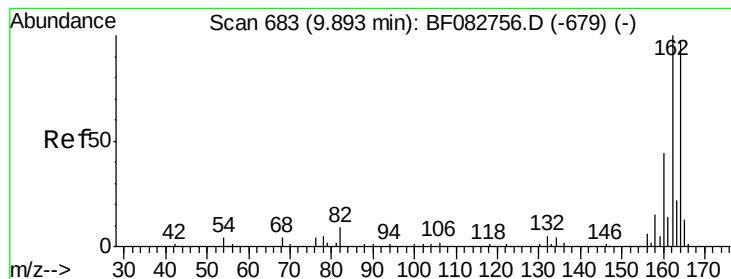
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

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: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

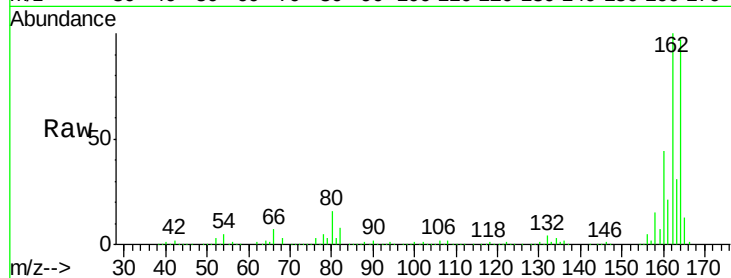
Tot Ion:164 Resp: 539381

Ion Ratio Lower Upper

164 100

162 102.6 84.9 127.3

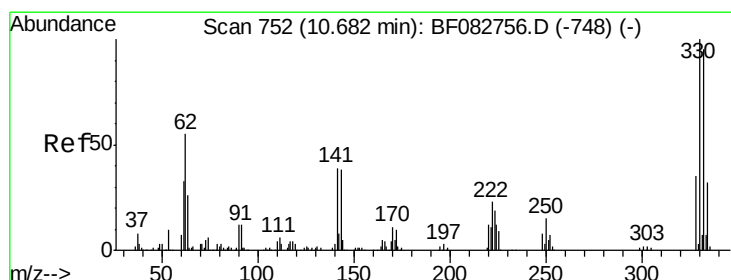
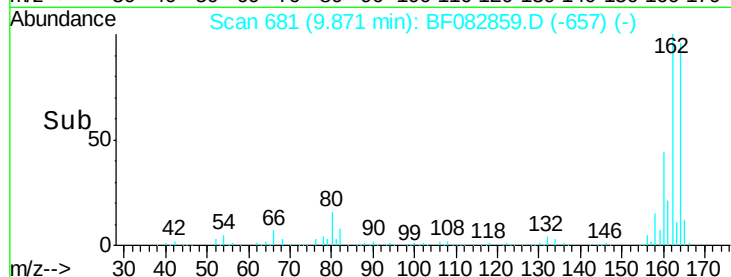
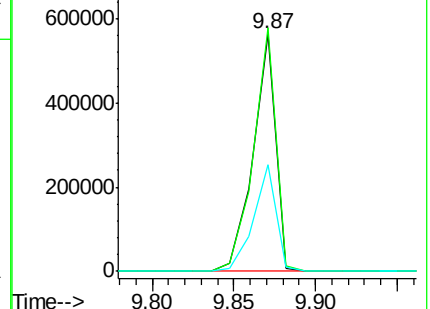
160 44.8 37.5 56.3



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: 102.46 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

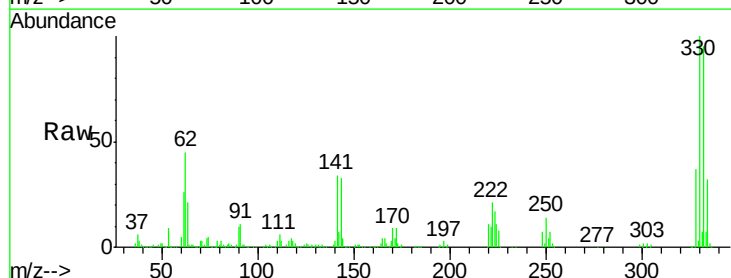
Tgt Ion:330 Resp: 633661

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

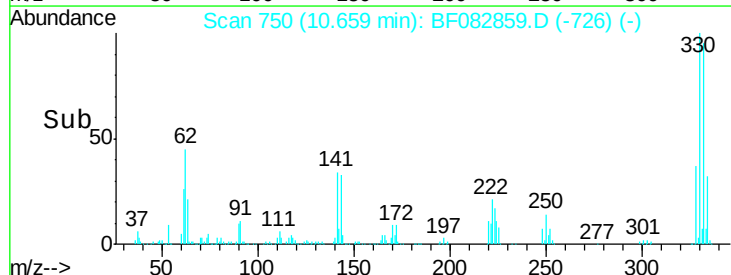
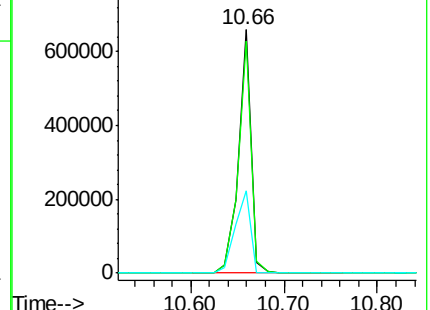
141 41.1 41.2 61.8#

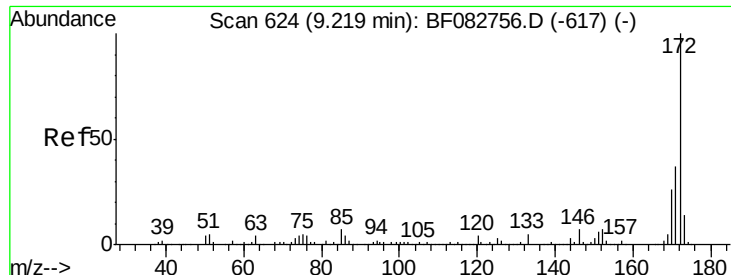


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

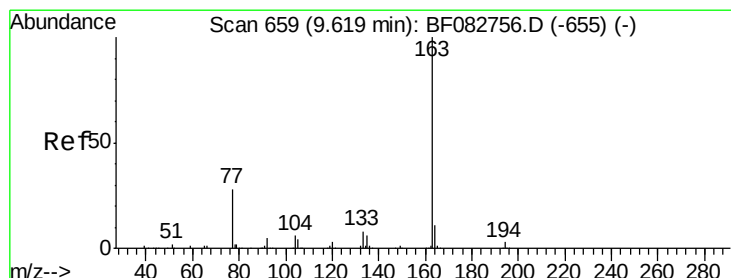
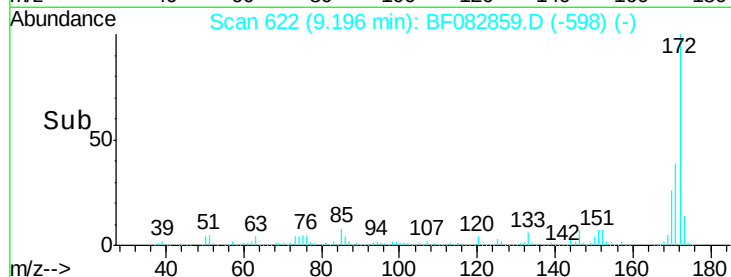
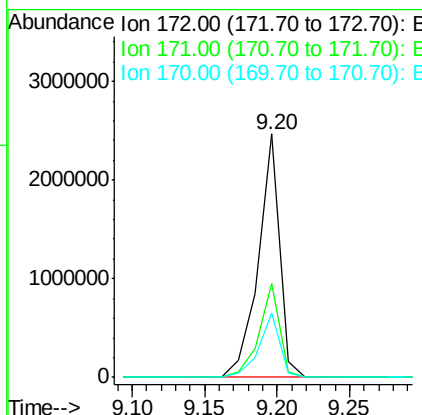
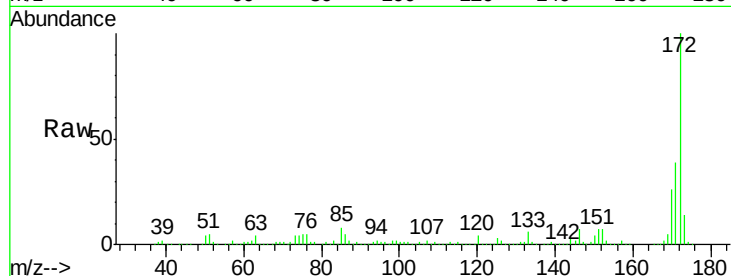




#44
2-Fluorobiphenyl
Concen: 66.70 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF082859.D
Acq: 10 Nov 2015 7:39

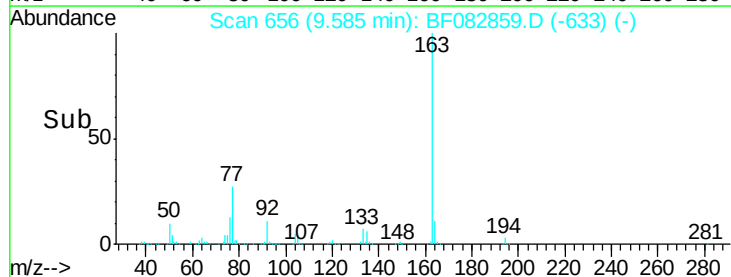
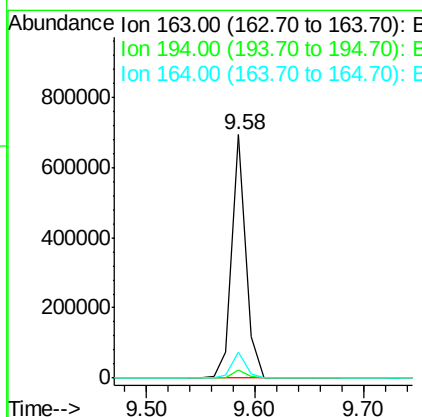
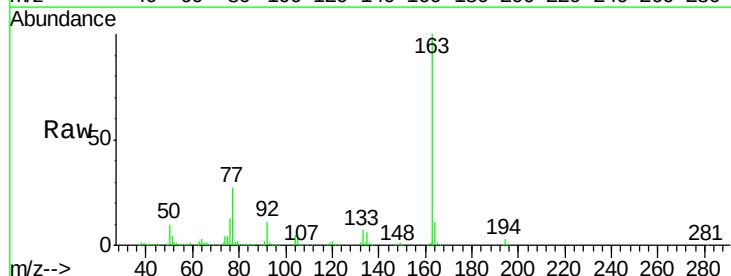
Instrument :
BNA_F
ClientSampleId :
T-6C

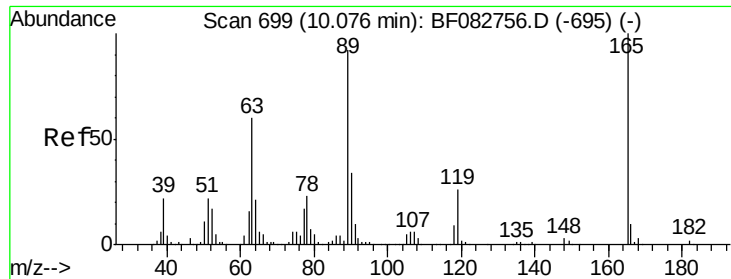
Tot Ion:172 Resp: 2510320
Ion Ratio Lower Upper
172 100
171 38.6 30.8 46.2
170 26.4 21.2 31.8



#49
Dimethylphthalate
Concen: 13.80 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082859.D
Acq: 10 Nov 2015 7:39

Tgt Ion:163 Resp: 609899
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.8 8.7 13.1

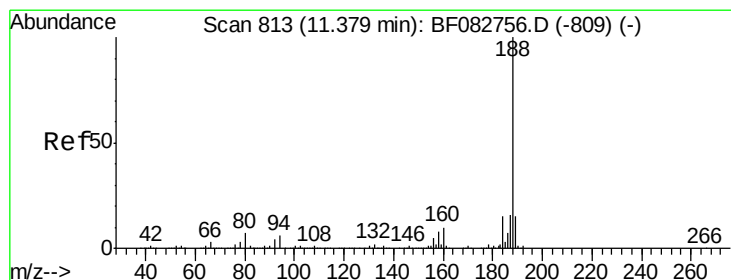
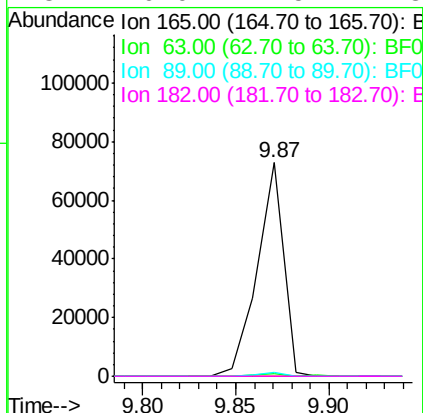
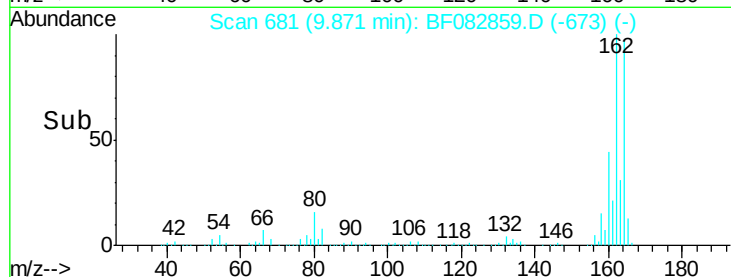
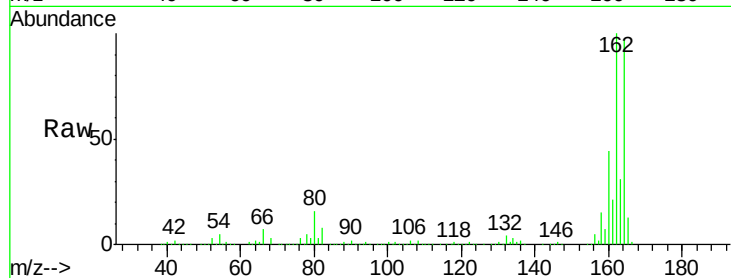




#56
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.21 min
Lab File: BF082859.D
Acq: 10 Nov 2015 7:39

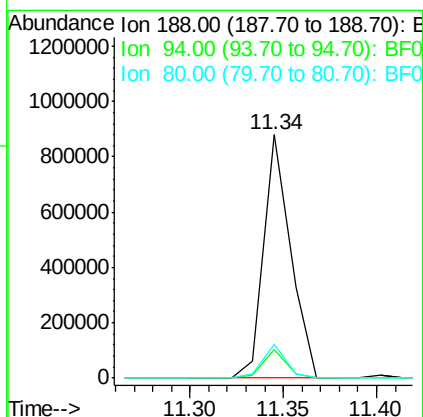
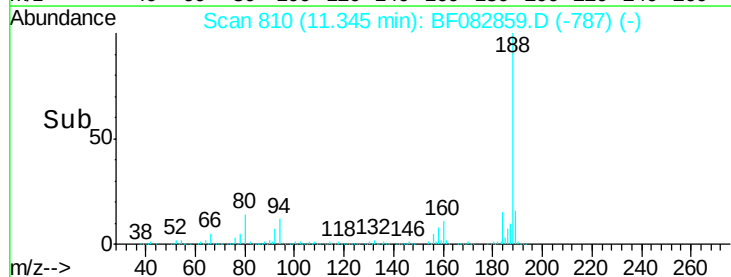
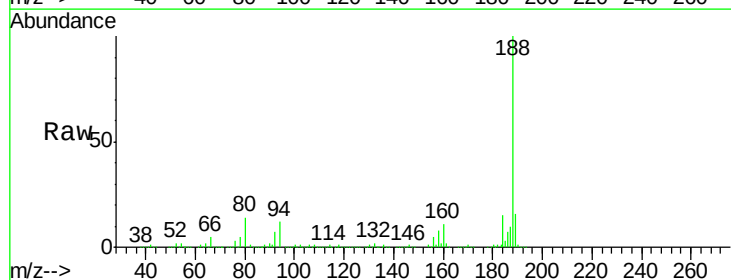
Instrument :
BNA_F
ClientSampleId :
T-6C

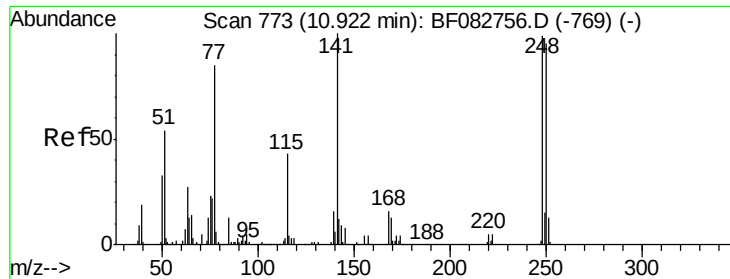
Tot Ion:165 Resp: 71226
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 1.6 70.6 106.0#
182 0.0 1.5 2.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082859.D
Acq: 10 Nov 2015 7:39

Tgt Ion:188 Resp: 876585
Ion Ratio Lower Upper
188 100
94 11.9 6.1 9.1#
80 14.1 7.0 10.6#





#66

4-Bromophenyl-phenylether

Concen: 4.48 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.26 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

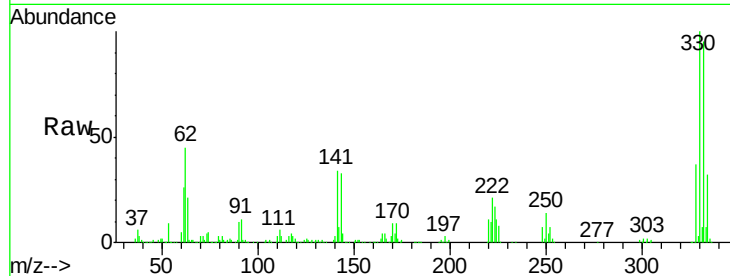
Tot Ion:248 Resp: 47311

Ion Ratio Lower Upper

248 100

250 194.6 79.4 119.2#

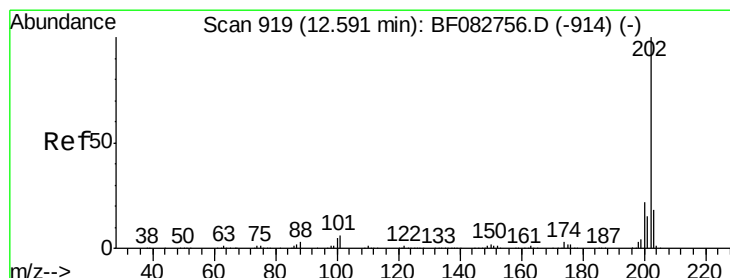
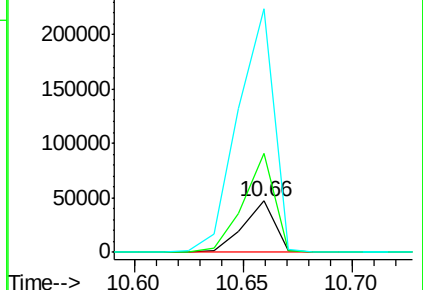
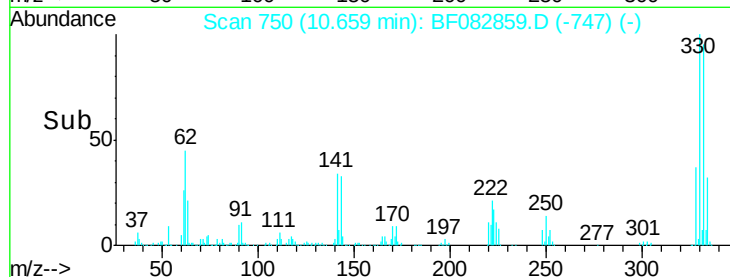
141 475.9 36.3 54.5#



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



#74

Fluoranthene

Concen: 2.74 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

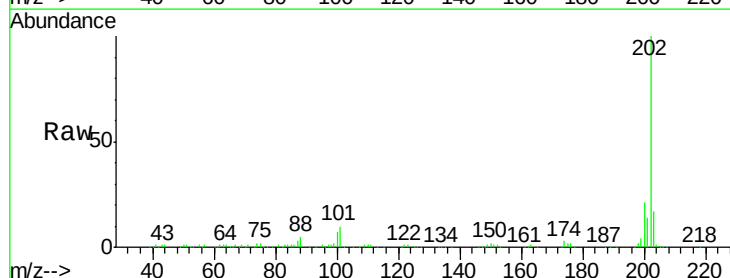
Tgt Ion:202 Resp: 149642

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.5

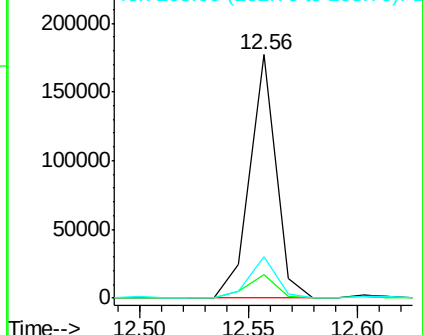
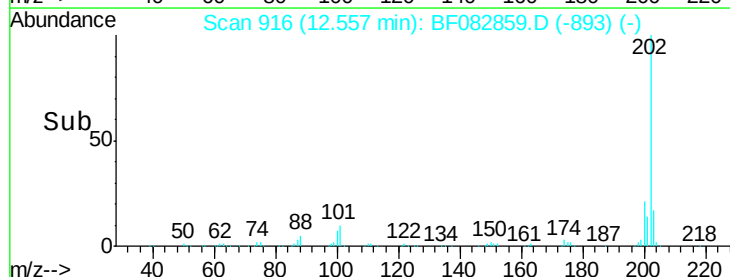
203 17.2 0.0 38.5

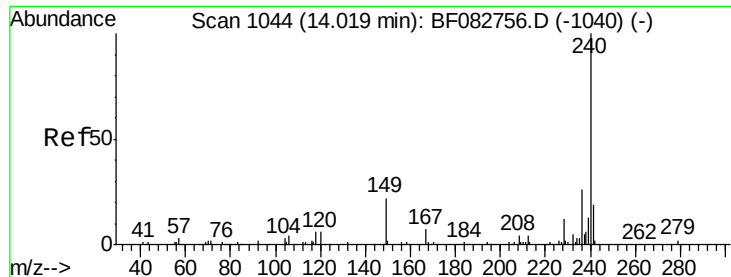


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

BNA_F

ClientSampleId :

T-6C

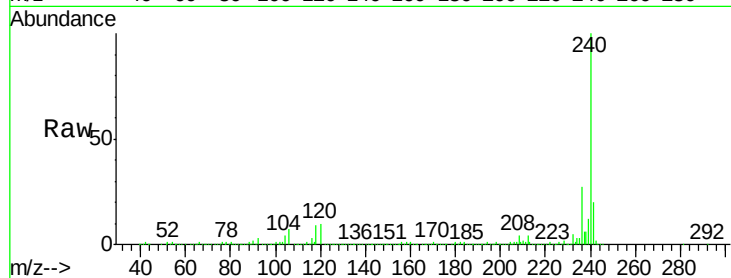
Tot Ion:240 Resp: 803539

Ion Ratio Lower Upper

240 100

120 9.9 10.9 16.3#

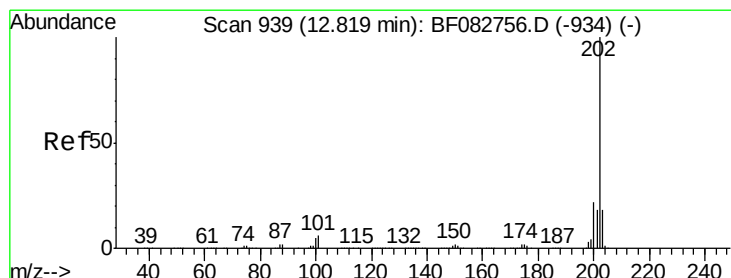
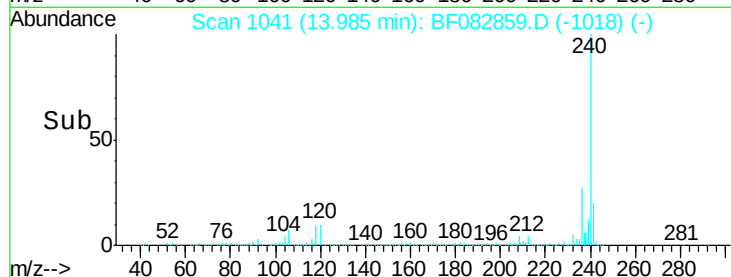
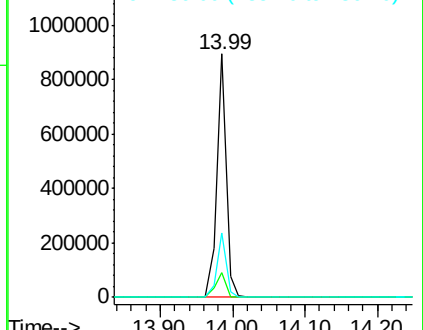
236 26.6 21.6 32.4



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



#77

Pyrene

Concen: 2.73 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

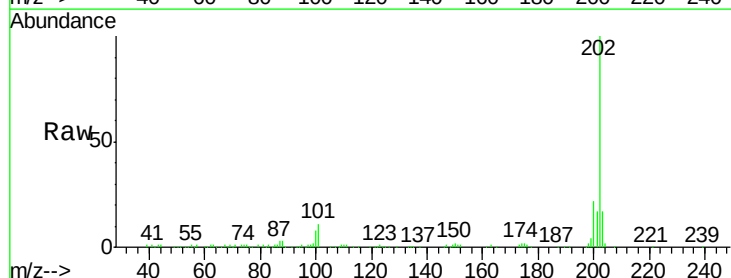
Tgt Ion:202 Resp: 150408

Ion Ratio Lower Upper

202 100

200 21.7 18.7 28.1

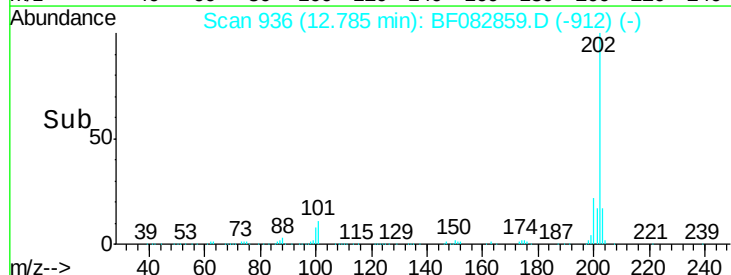
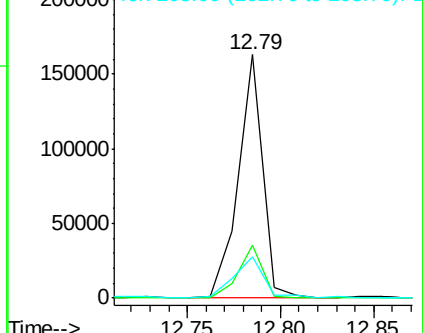
203 17.0 14.8 22.2

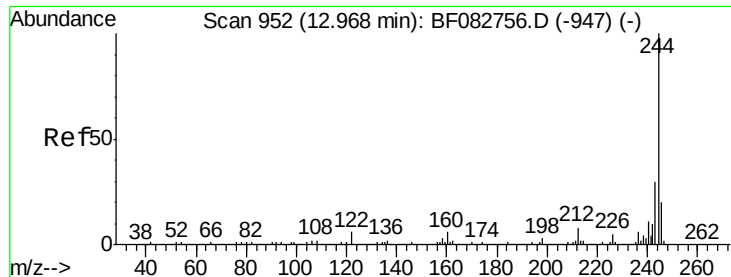


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.97 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Instrument :

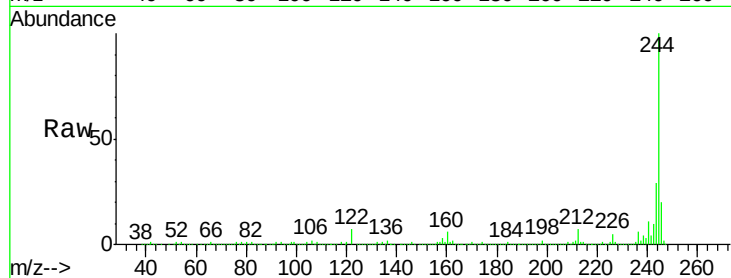
BNA_F

ClientSampleId :

T-6C

Tot Ion:244 Resp: 2336449

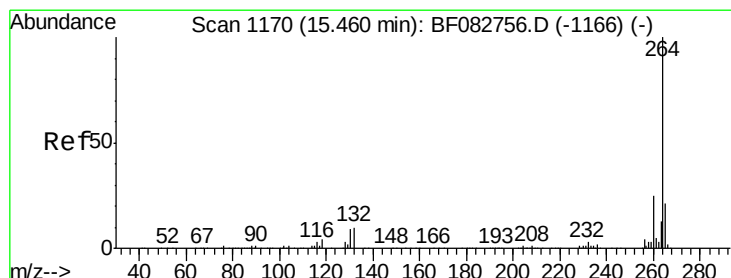
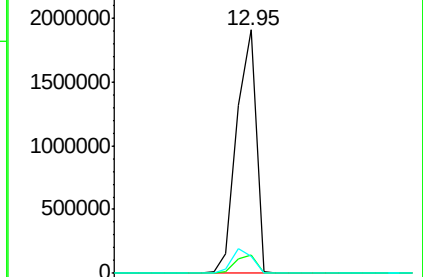
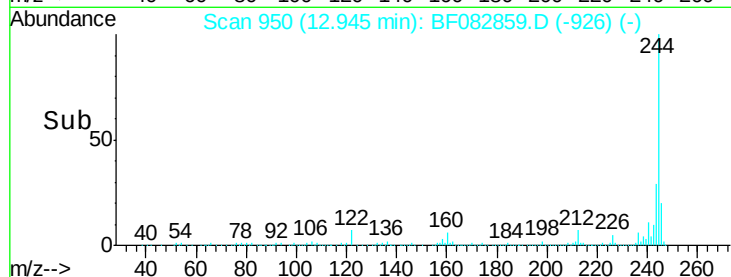
Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.6	11.4#
122	6.8	11.3	16.9#



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: 15.43 min Scan# 1167

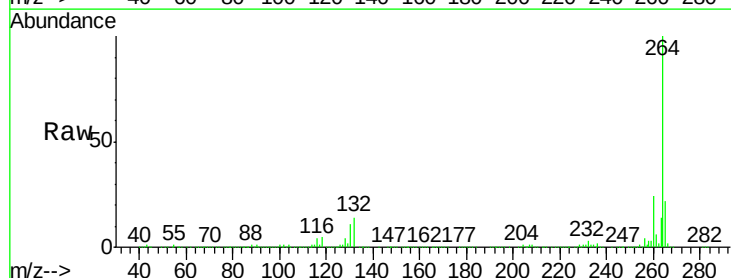
Delta R.T. -0.03 min

Lab File: BF082859.D

Acq: 10 Nov 2015 7:39

Tgt Ion:264 Resp: 644556

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.0	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

