

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082845.D
 Acq On : 9 Nov 2015 22:50
 Operator : UM/IZ
 Sample : G4375-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6R

Quant Time: Nov 10 02:54:56 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

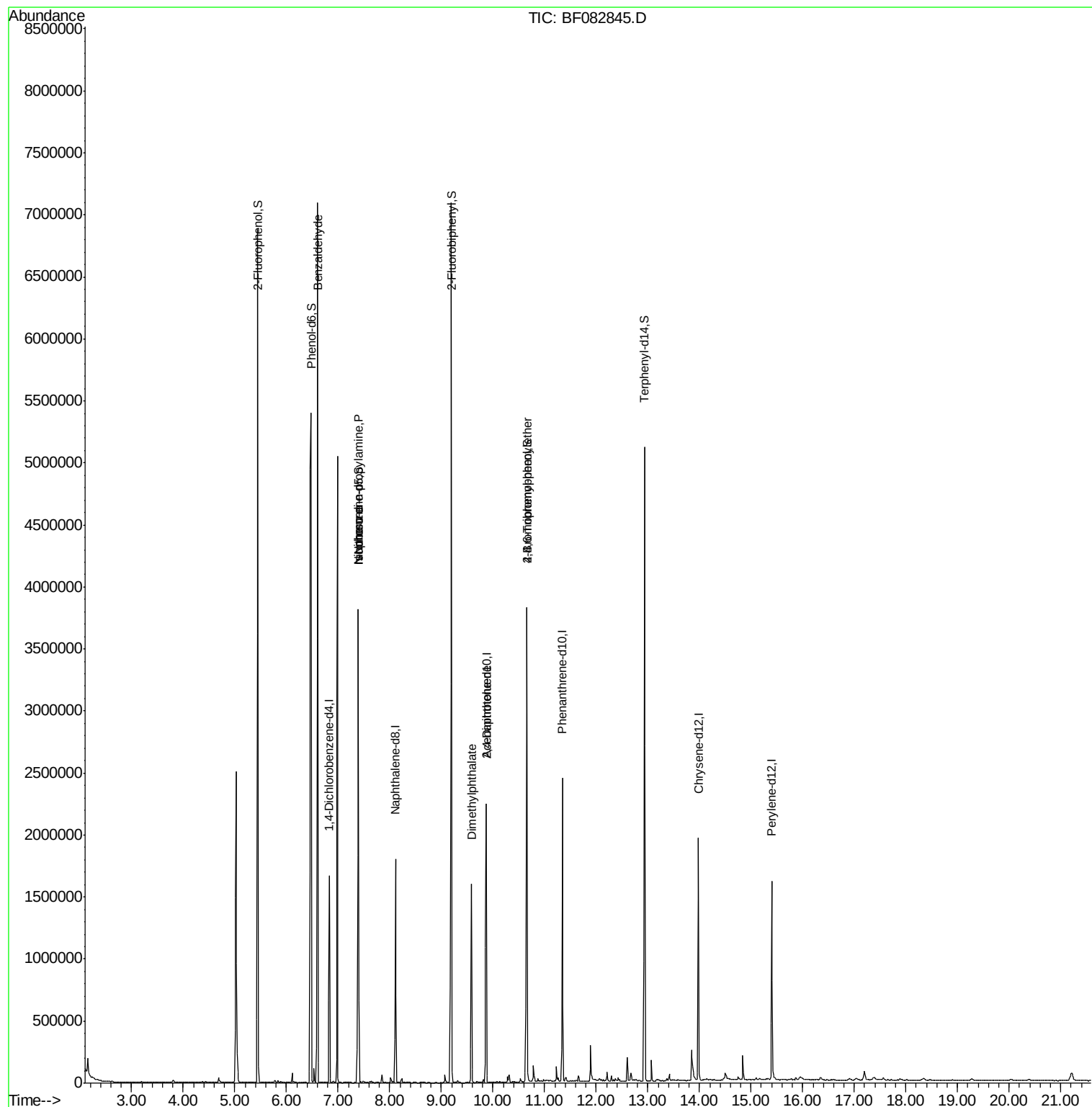
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	263637	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	936550	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	527286	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	893852	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	902492	20.00	ng	-0.03
86) Perylene-d12	15.40	264	778388	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1992152	117.57	ng	0.00
7) Phenol-d6	6.48	99	2936403	130.36	ng	0.00
23) Nitrobenzene-d5	7.39	82	1588070	73.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	641312	106.07	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2421969	65.83	ng	-0.02
78) Terphenyl-d14	12.93	244	2005380	52.70	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.60	77	55727	4.48	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.39	70	217042	13.11	ng	# 69
25) Isophorone	7.39	82	1522936	38.24	ng	# 69
49) Dimethylphthalate	9.58	163	593710	13.74	ng	99
56) 2,4-Dinitrotoluene	9.87	165	68217	5.45	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	45396	4.22	ng	# 1

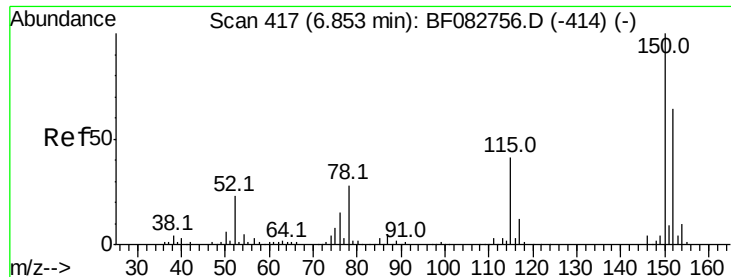
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082845.D

Acq: 9 Nov 2015 22:50

Instrument :

BNA_F

ClientSampleId :

T-6R

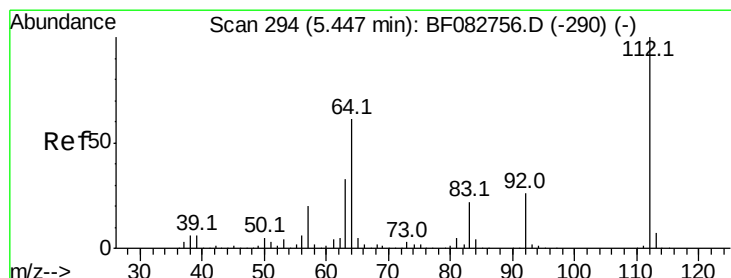
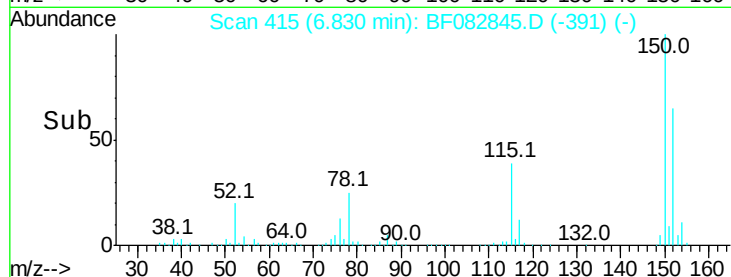
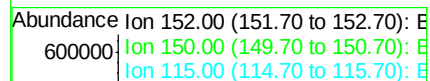
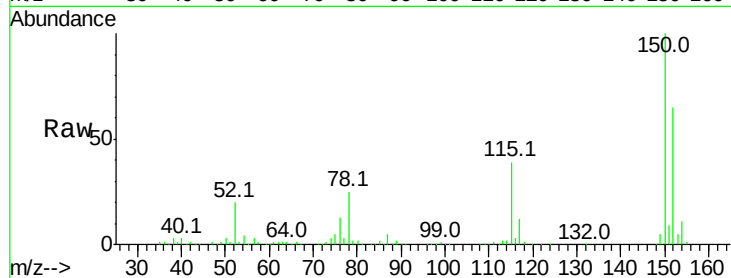
Tot Ion:152 Resp: 263637

Ion Ratio Lower Upper

152 100

150 154.4 127.0 190.4

115 60.1 47.0 70.6



#5

2-Fluorophenol

Concen: 117.57 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082845.D

Acq: 9 Nov 2015 22:50

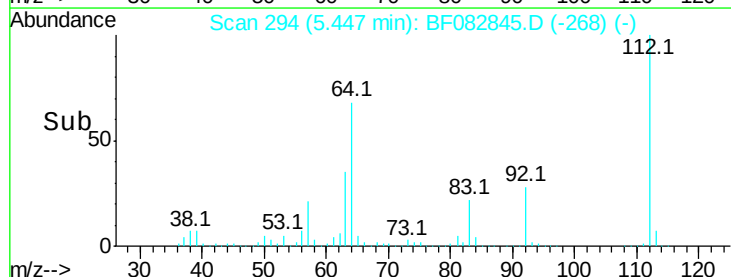
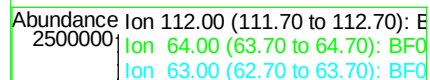
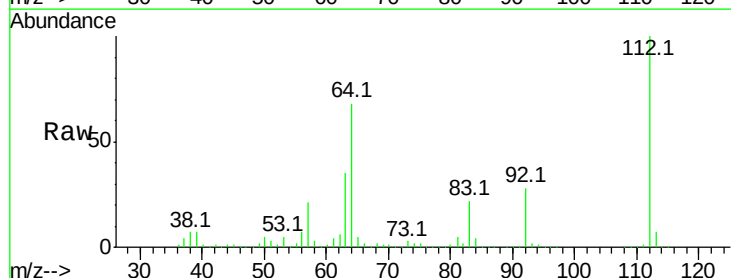
Tgt Ion:112 Resp: 1992152

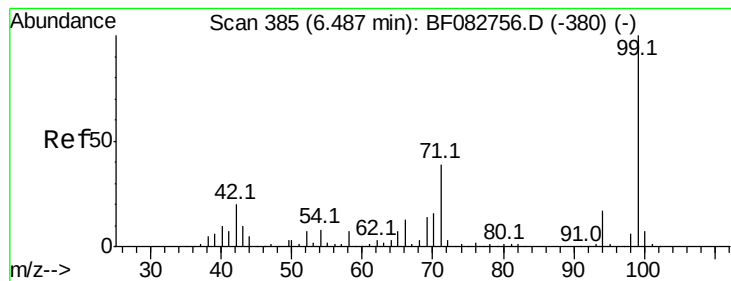
Ion Ratio Lower Upper

112 100

64 67.8 48.9 73.3

63 35.1 28.1 42.1





#7

Phenol-d6

Concen: 130.36 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082845.D

Acq: 9 Nov 2015 22:50

Instrument :

BNA_F

ClientSampleId :

T-6R

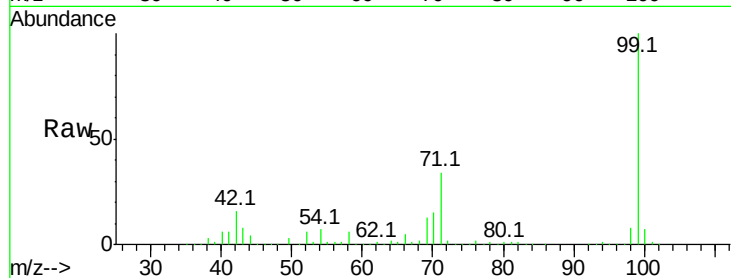
Tot Ion: 99 Resp: 2936403

Ion Ratio Lower Upper

99 100

42 15.5 19.2 28.8#

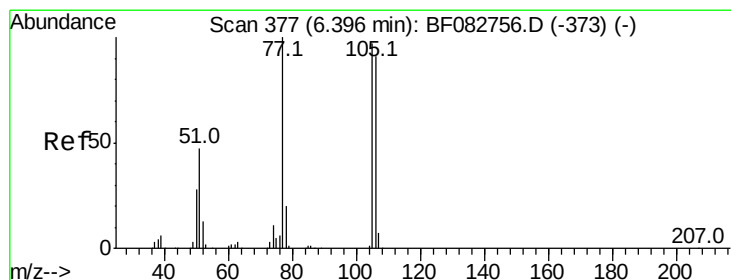
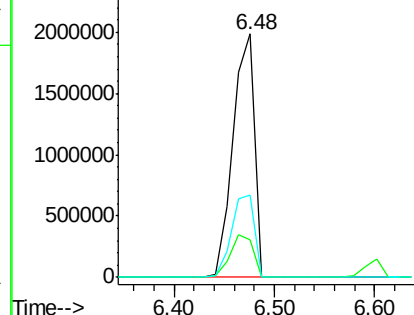
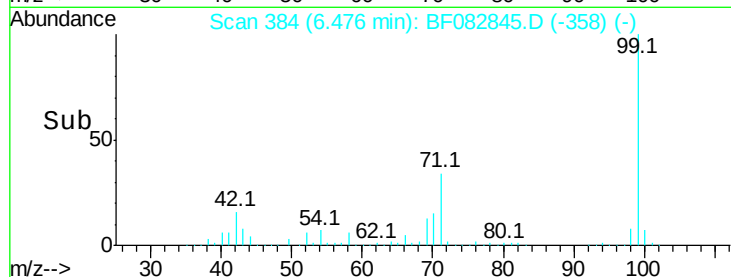
71 34.1 35.0 52.4#



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: 4.48 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082845.D

Acq: 9 Nov 2015 22:50

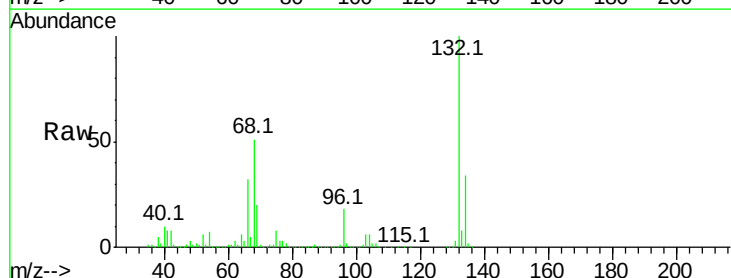
Tgt Ion: 77 Resp: 55727

Ion Ratio Lower Upper

77 100

105 76.5 63.5 103.5

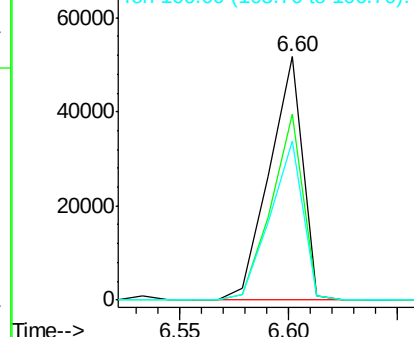
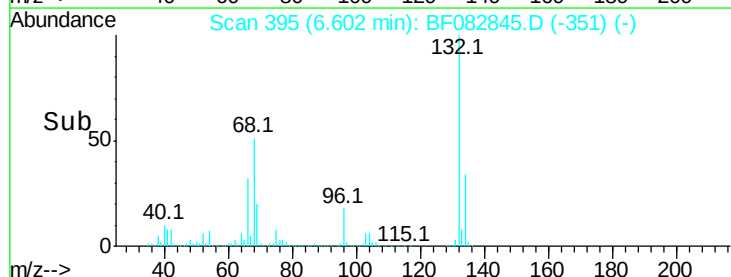
106 65.5 59.3 99.3

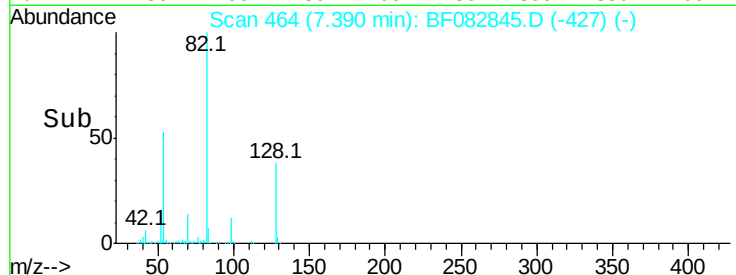
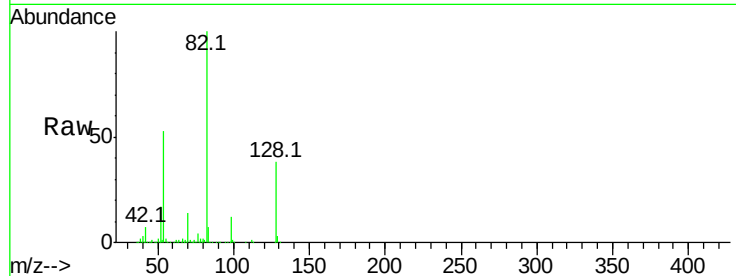
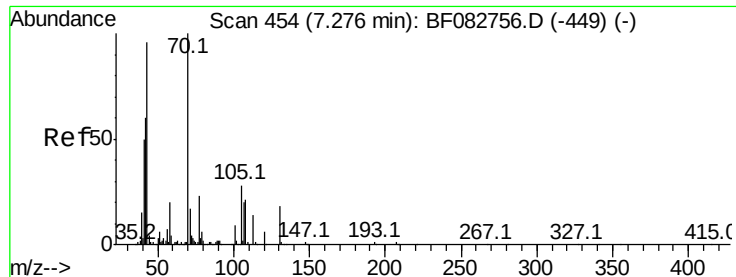


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

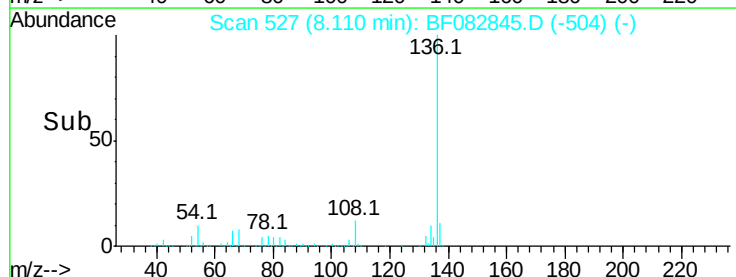
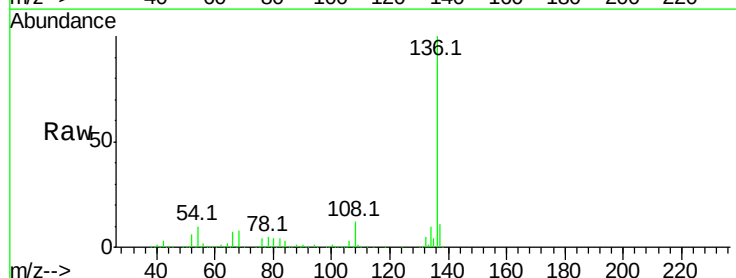
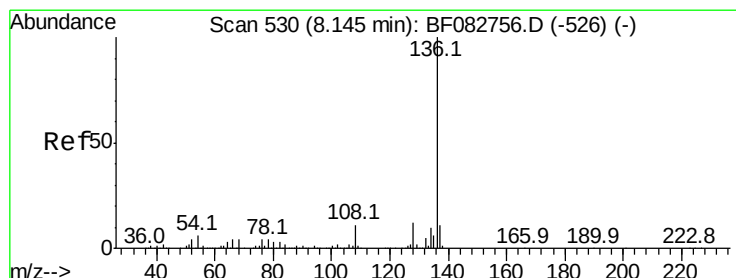
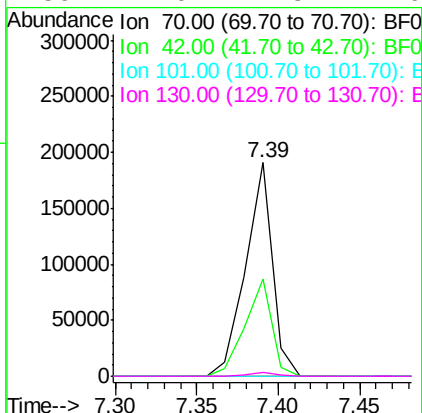




#19
n-Nitroso-di-n-propylamine
Concen: 13.11 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082845.D
Acq: 9 Nov 2015 22:50

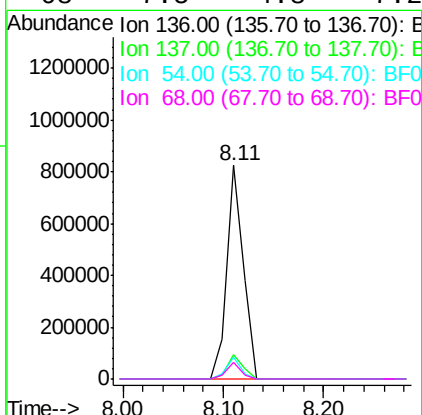
Instrument :
BNA_F
ClientSampleId :
T-6R

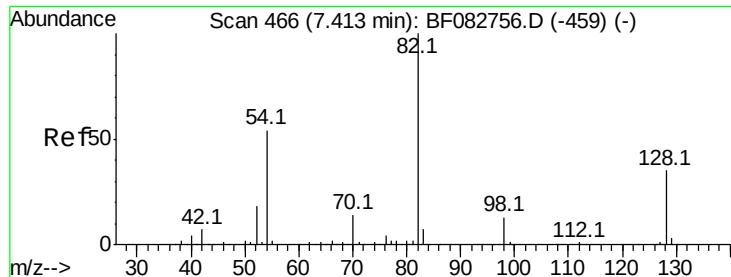
Tot Ion:	70	Resp:	217042
Ion	Ratio	Lower	Upper
70	100		
42	45.7	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082845.D
Acq: 9 Nov 2015 22:50

Tgt Ion:	136	Resp:	936550
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.4	9.1	13.7
68	7.5	4.8	7.2#





#23

Nitrobenzene-d5

Concen: 73.78 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF082845.D

Acq: 9 Nov 2015 22:50

Instrument :

BNA_F

ClientSampleId :

T-6R

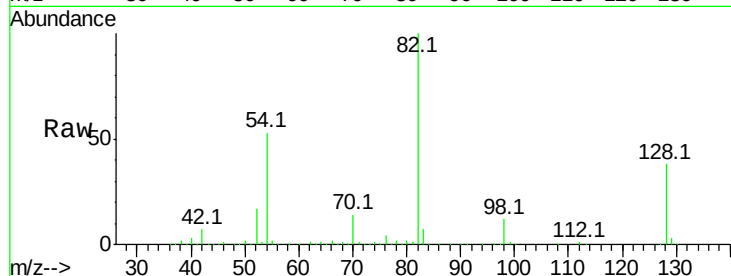
Tot Ion: 82 Resp: 1588070

Ion Ratio Lower Upper

82 100

128 38.3 26.8 40.2

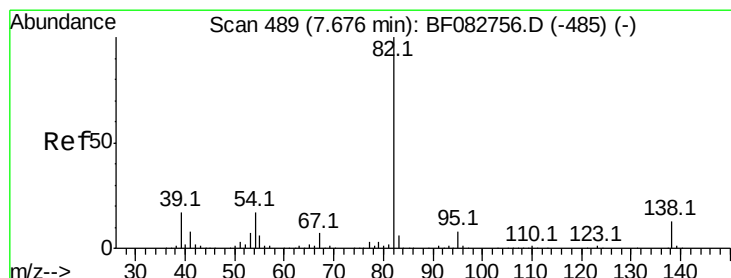
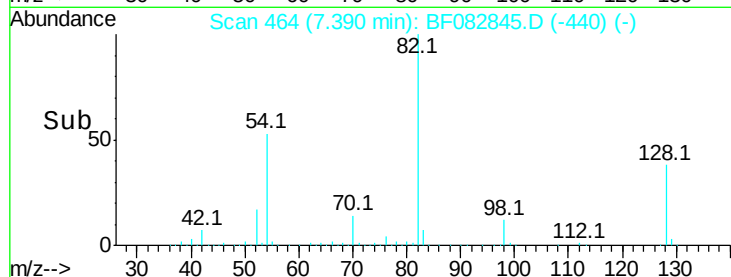
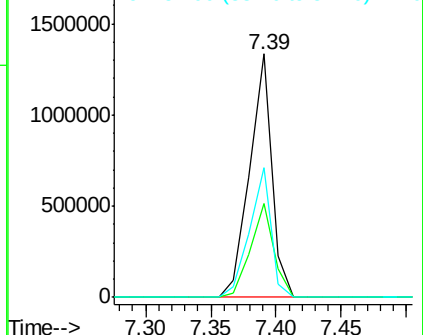
54 53.3 45.7 68.5



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: 38.24 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.29 min

Lab File: BF082845.D

Acq: 9 Nov 2015 22:50

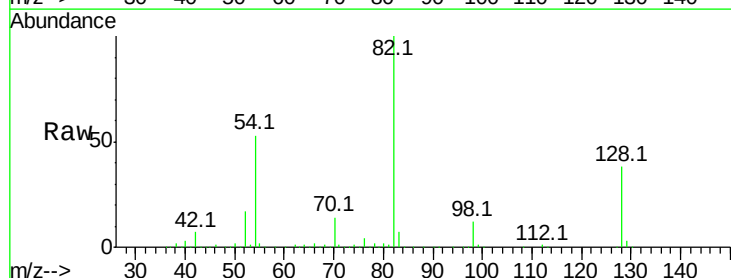
Tgt Ion: 82 Resp: 1522936

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

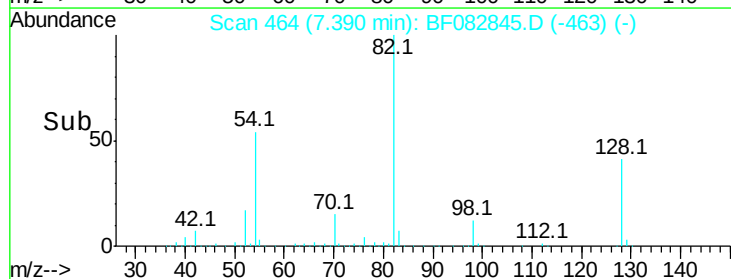
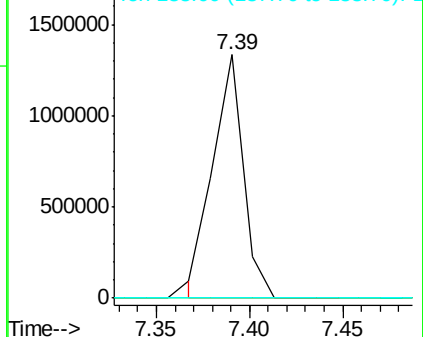
138 0.0 11.4 17.0#

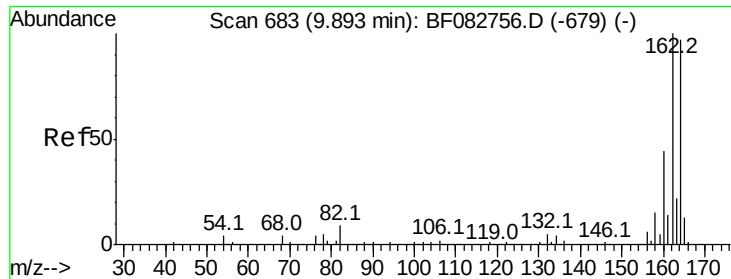


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

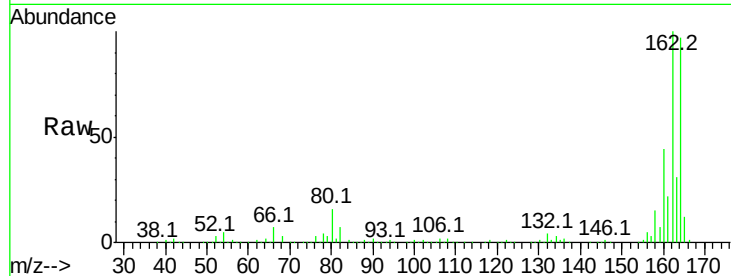




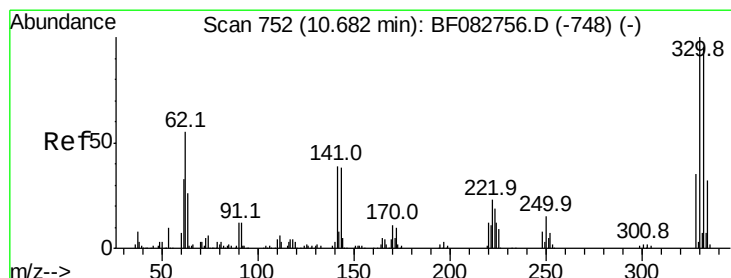
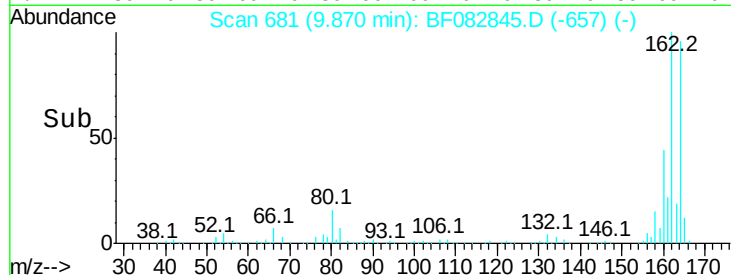
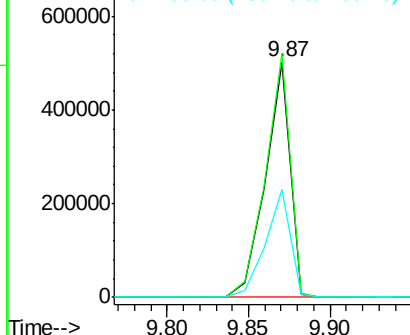
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082845.D
 Acq: 9 Nov 2015 22:50

Instrument :
 BNA_F
 ClientSampleId :
 T-6R

Tot Ion:164 Resp: 527286
 Ion Ratio Lower Upper
 164 100
 162 103.6 84.9 127.3
 160 45.9 37.5 56.3

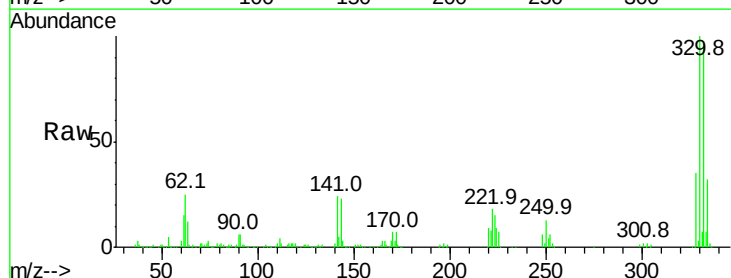


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

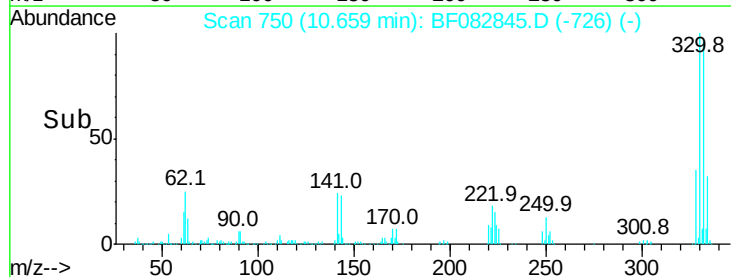
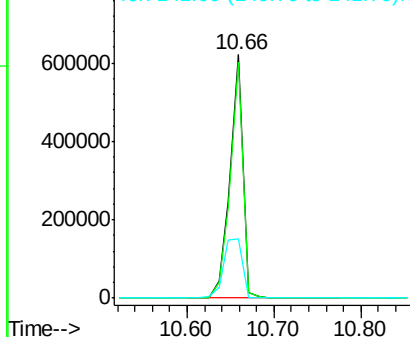


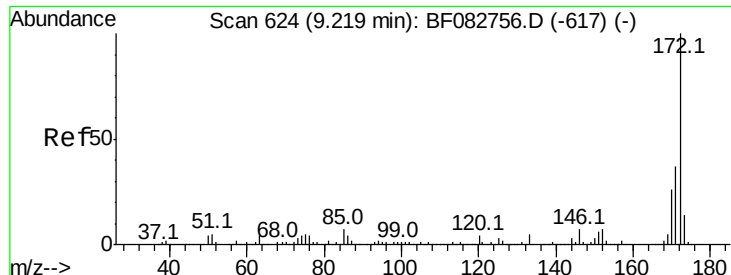
#41
 2,4,6-Tribromophenol
 Concen: 106.07 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082845.D
 Acq: 9 Nov 2015 22:50

Tgt Ion:330 Resp: 641312
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 35.9 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



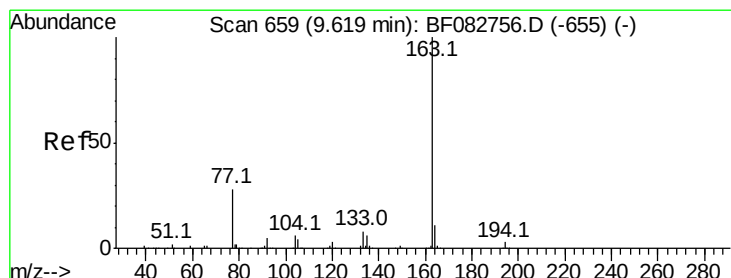
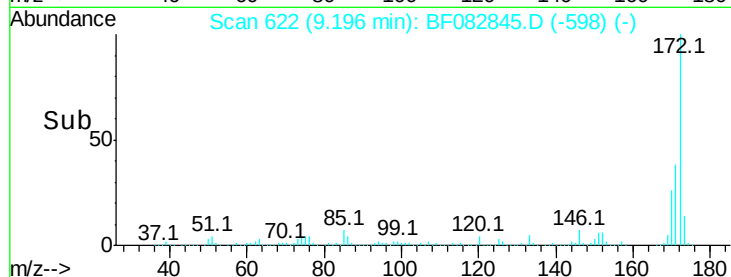
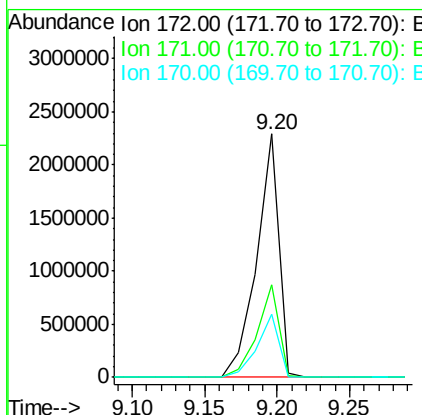
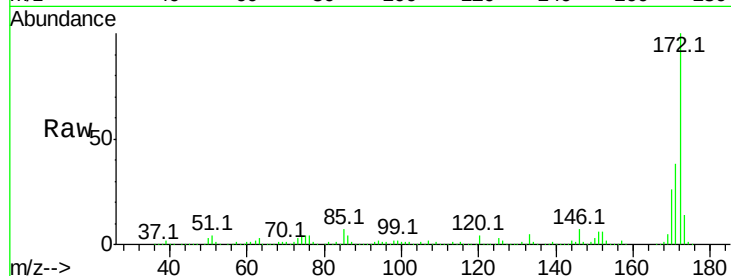


#44
 2-Fluorobiphenyl
 Concen: 65.83 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082845.D
 Acq: 9 Nov 2015 22:50

Instrument :
 BNA_F
 ClientSampleId :
 T-6R

Tot Ion:172 Resp: 2421969

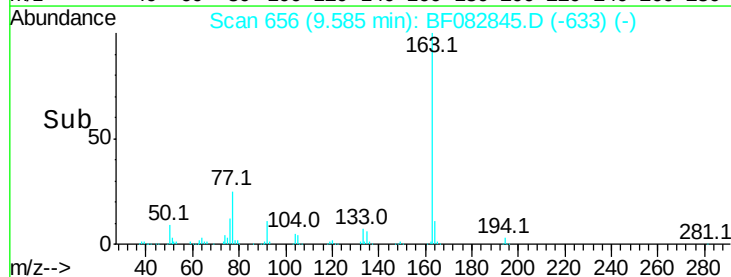
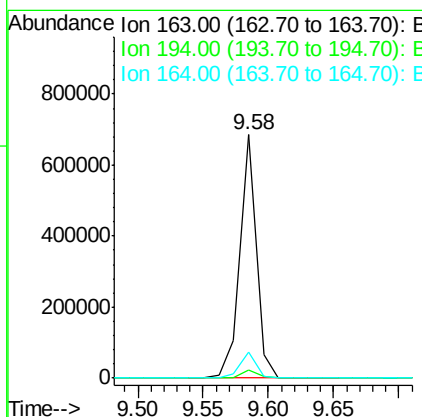
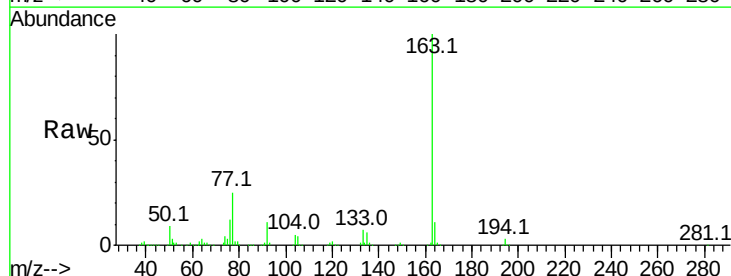
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.9	21.2	31.8

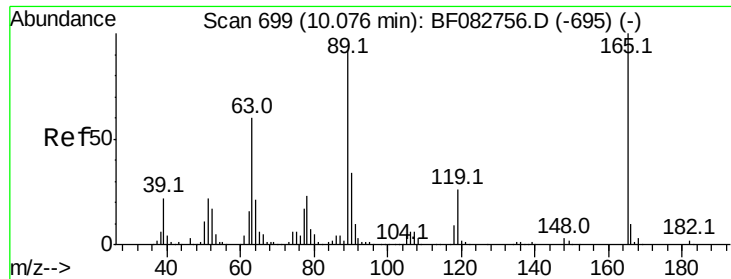


#49
 Dimethylphthalate
 Concen: 13.74 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082845.D
 Acq: 9 Nov 2015 22:50

Tgt Ion:163 Resp: 593710

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.6	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: BF082845.D

Acq: 9 Nov 2015 22:50

Instrument :

BNA_F

ClientSampleId :

T-6R

Tot Ion:165 Resp: 68217

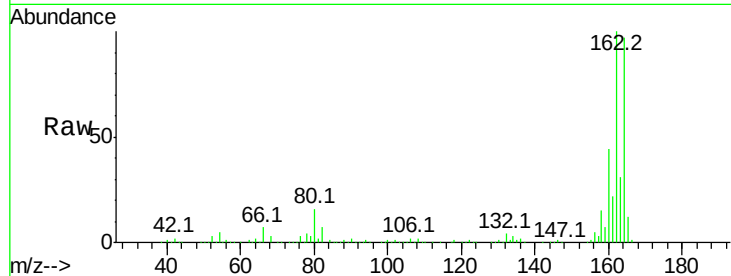
Ion Ratio Lower Upper

165 100

63 1.4 43.4 65.0#

89 1.9 70.6 106.0#

182 0.0 1.5 2.3#

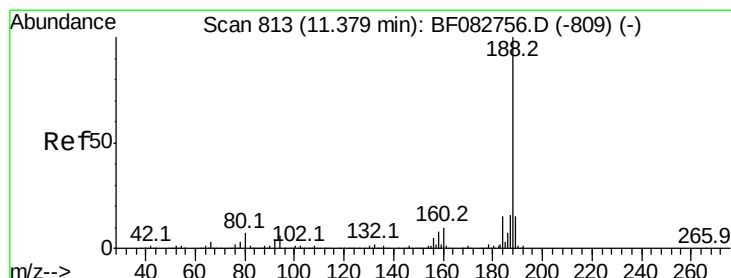
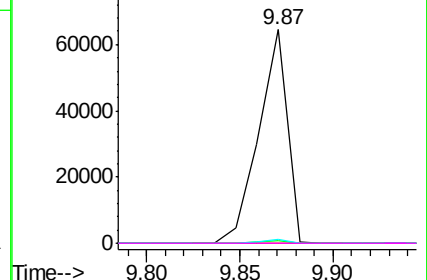
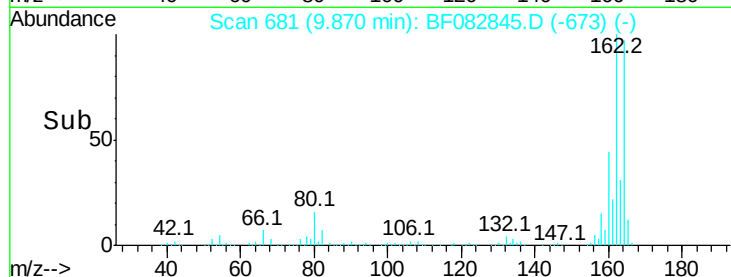


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082845.D

Acq: 9 Nov 2015 22:50

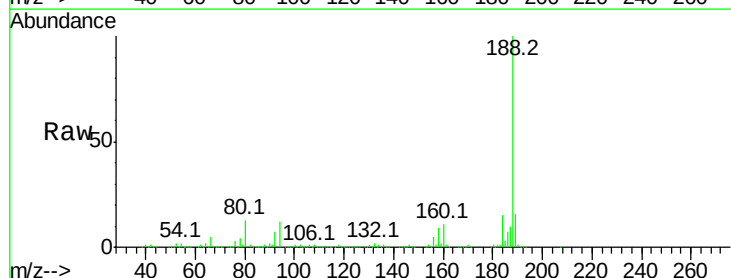
Tgt Ion:188 Resp: 893852

Ion Ratio Lower Upper

188 100

94 11.6 6.1 9.1#

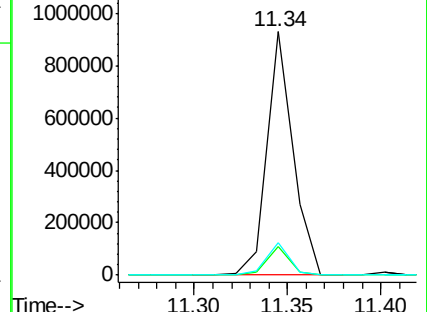
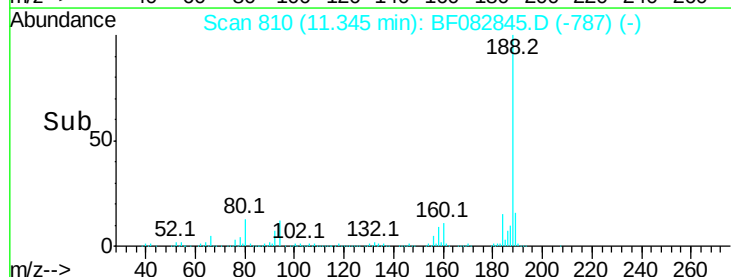
80 13.4 7.0 10.6#

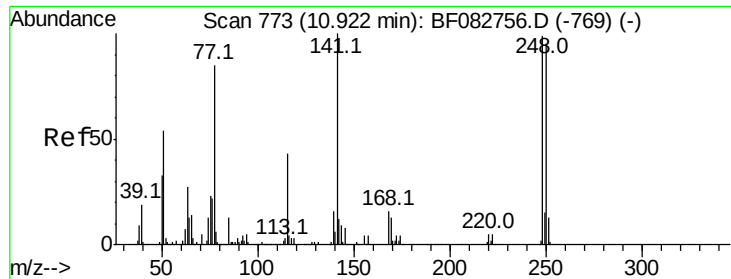


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

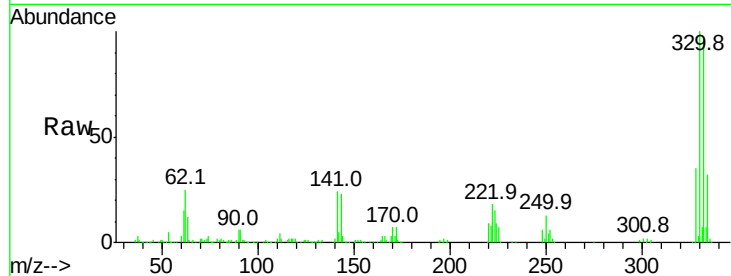




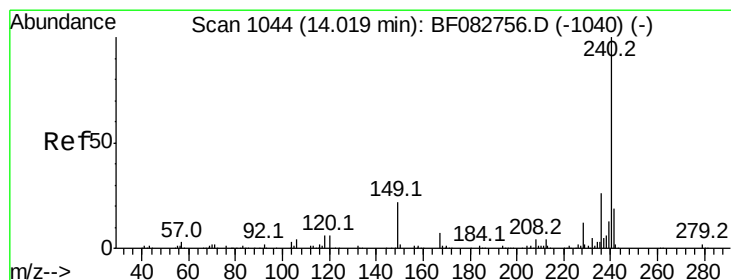
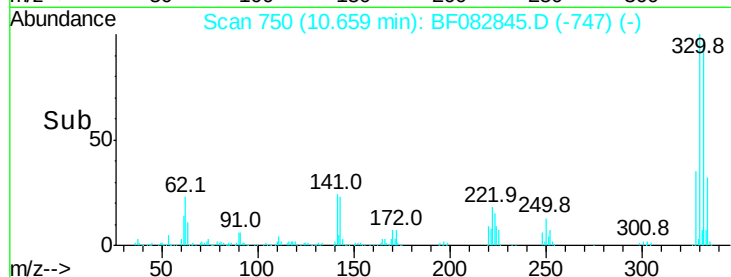
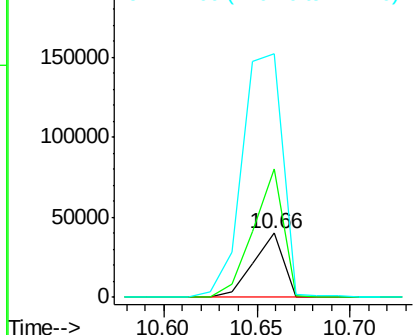
#66
 4-Bromophenyl-phenylether
 Concen: 4.22 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.26 min
 Lab File: BF082845.D
 Acq: 9 Nov 2015 22:50

Instrument :
 BNA_F
 ClientSampled :
 T-6R

Tot Ion:248 Resp: 45396
 Ion Ratio Lower Upper
 248 100
 250 199.8 79.4 119.2#
 141 378.8 36.3 54.5#

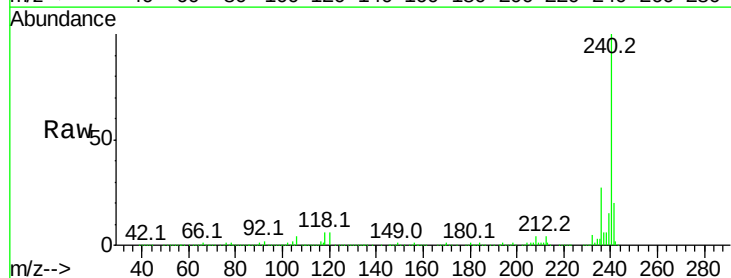


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

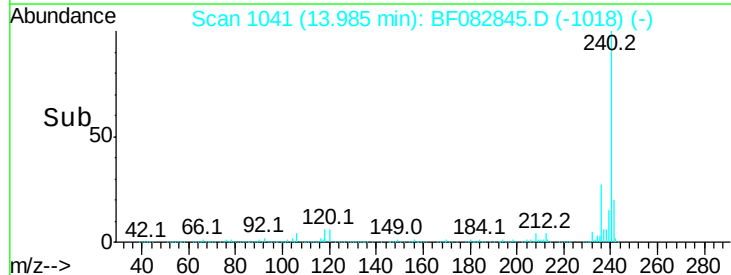
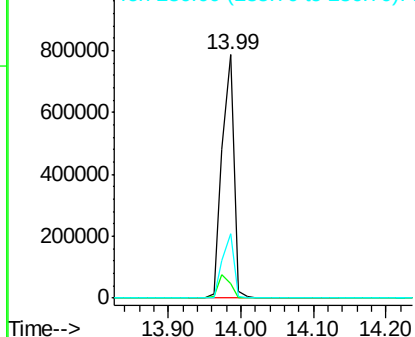


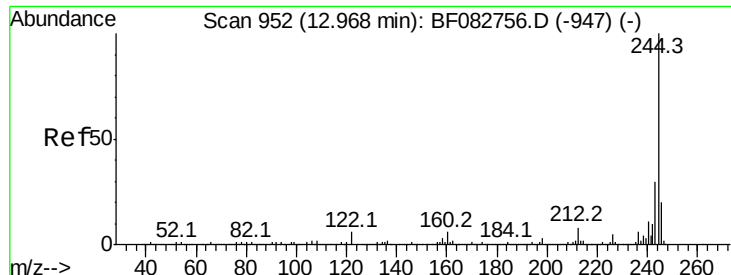
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF082845.D
 Acq: 9 Nov 2015 22:50

Tgt Ion:240 Resp: 902492
 Ion Ratio Lower Upper
 240 100
 120 6.2 10.9 16.3#
 236 26.5 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: 52.70 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082845.D

Acq: 9 Nov 2015 22:50

Instrument :

BNA_F

ClientSampleId :

T-6R

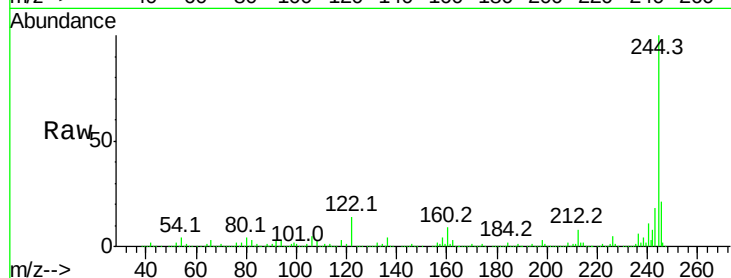
Tot Ion:244 Resp: 2005380

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

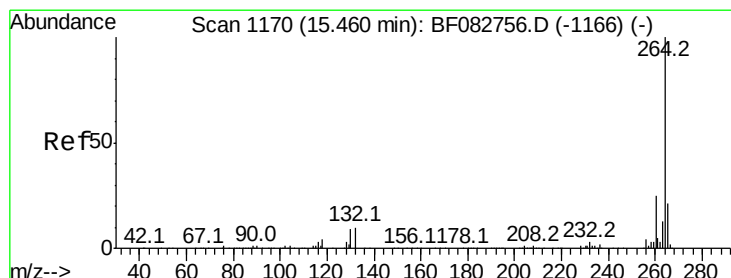
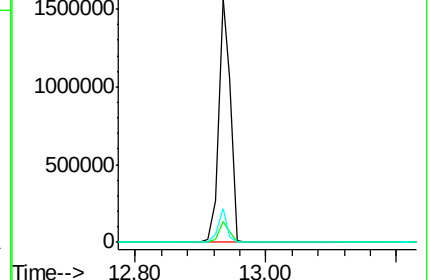
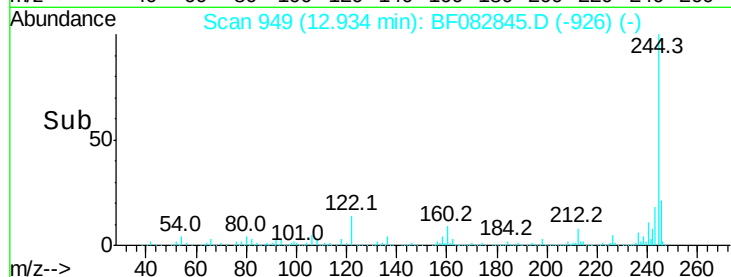
122 14.1 11.3 16.9



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: 15.40 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF082845.D

Acq: 9 Nov 2015 22:50

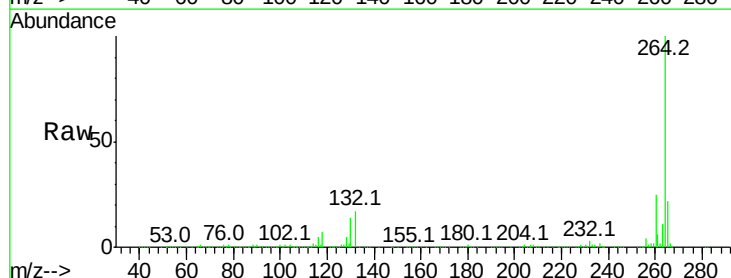
Tgt Ion:264 Resp: 778388

Ion Ratio Lower Upper

264 100

260 24.8 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

