

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085813.D
 Acq On : 28 Mar 2016 20:45
 Operator : UM/SJ
 Sample : H1937-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(12-14)

Quant Time: Mar 29 03:37:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

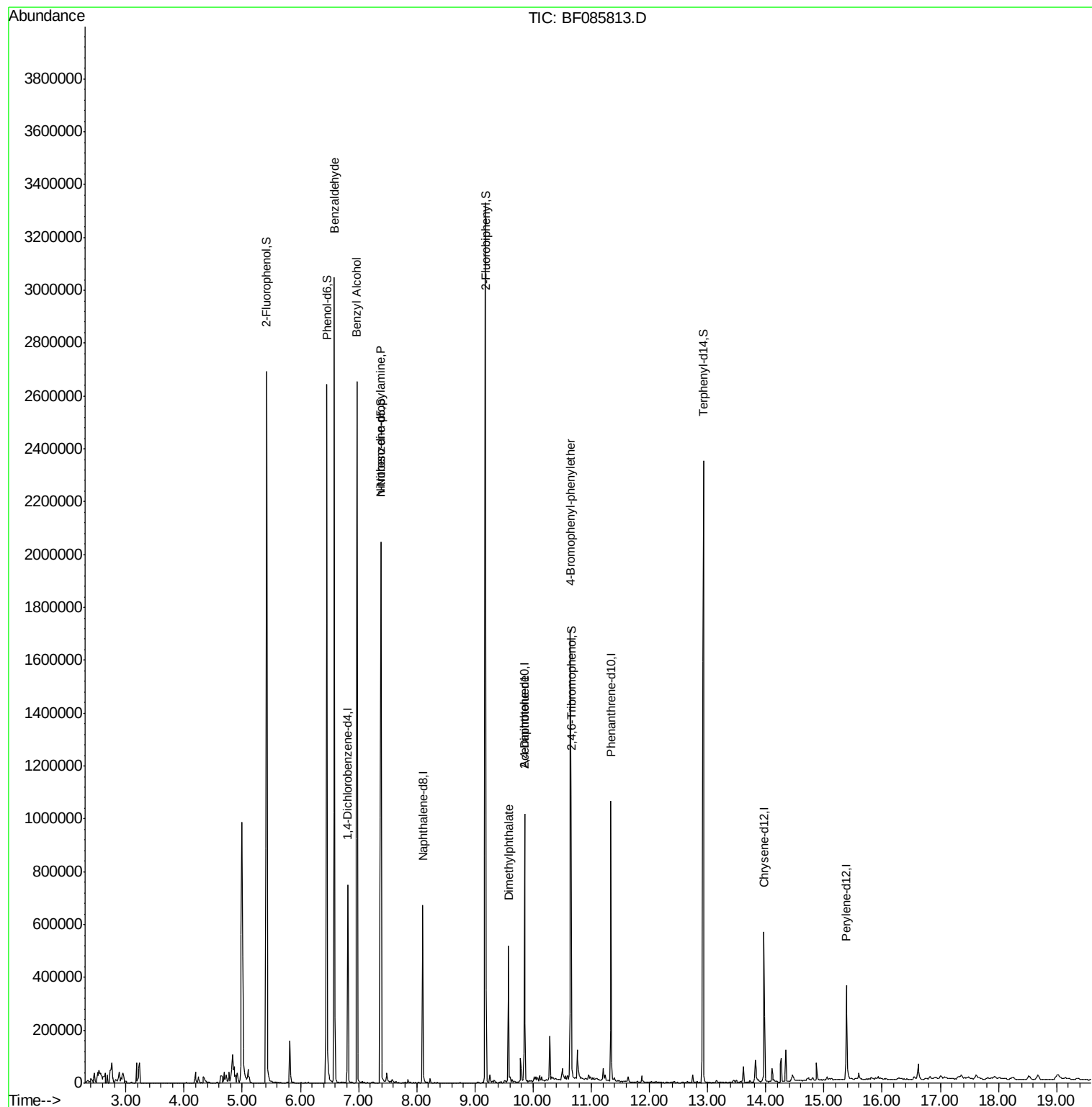
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	108044	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	424866	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	193969	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	366350	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	215475	20.00	ng	-0.01
86) Perylene-d12	15.39	264	178529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	869087	133.96	ng	0.01
7) Phenol-d6	6.46	99	1258112	152.53	ng	0.00
23) Nitrobenzene-d5	7.38	82	787386	104.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	301743	163.73	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1059104	91.23	ng	-0.01
78) Terphenyl-d14	12.93	244	942613	89.97	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	20336	4.09	ng	83
15) Benzyl Alcohol	6.97	79	13066	2.37	ng	# 48
19) n-Nitroso-di-n-propylamine	7.38	70	105711	21.40	ng	# 76
49) Dimethylphthalate	9.58	163	267915	18.21	ng	98
56) 2,4-Dinitrotoluene	9.85	165	25207	6.26	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	18505	4.94	ng	# 1

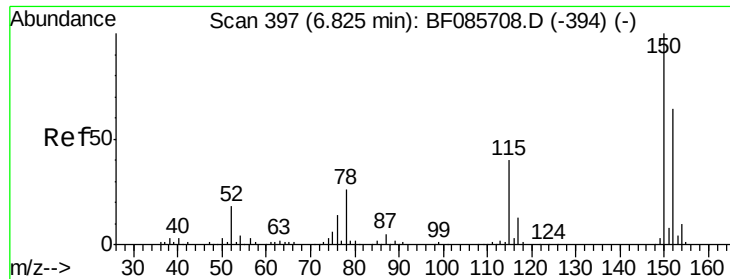
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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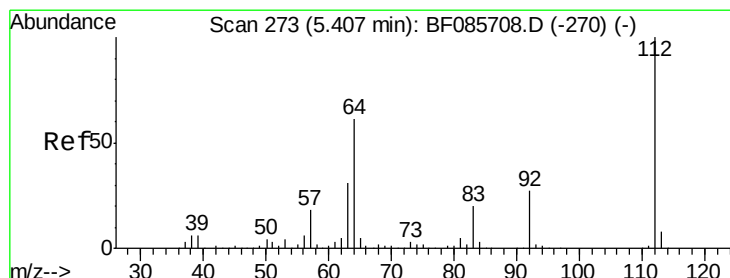
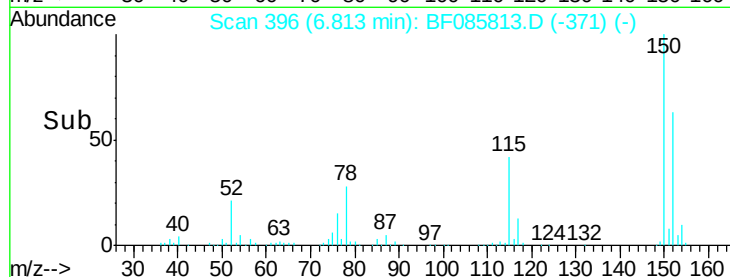
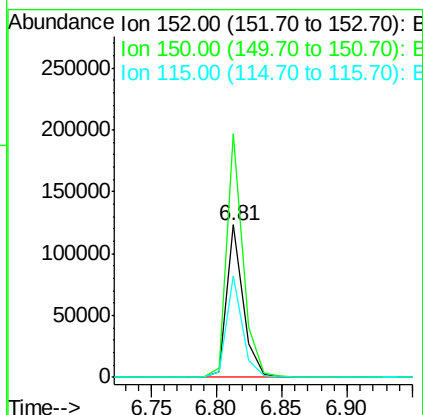
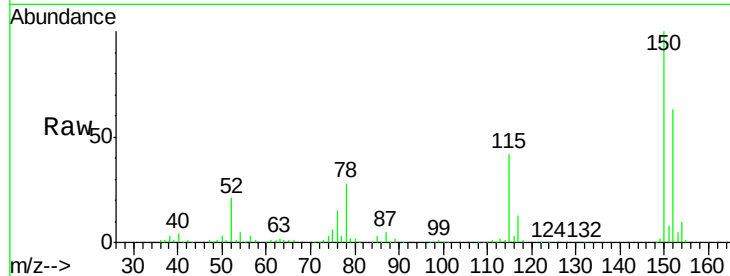


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF085813.D
Acq: 28 Mar 2016 20:45

Instrument :
BNA_F
ClientSampleId :
GW-04(12-14)

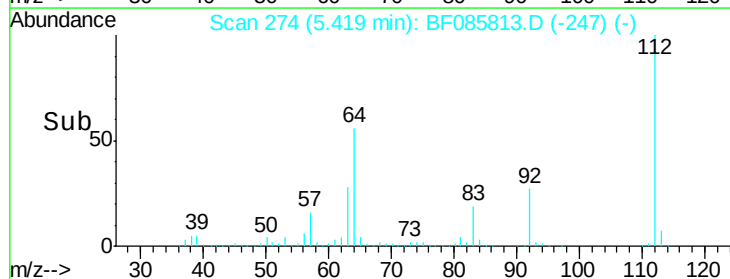
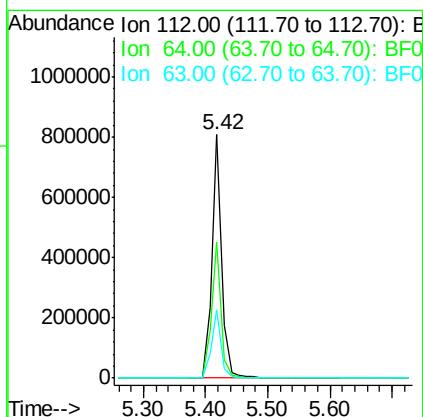
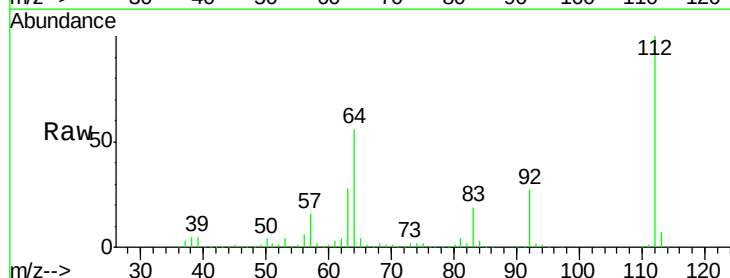
Tgt Ion:152 Resp: 108044
Ion Ratio Lower Upper
152 100
150 159.7 124.2 186.2
115 66.6 47.0 70.6

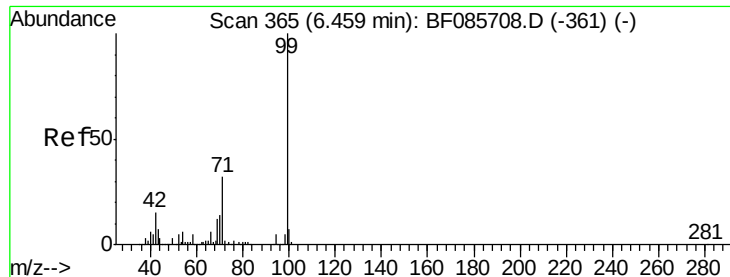


#5

2-Fluorophenol
Concen: 133.96 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085813.D
Acq: 28 Mar 2016 20:45

Tgt Ion:112 Resp: 869087
Ion Ratio Lower Upper
112 100
64 55.9 39.9 59.9
63 28.3 20.2 30.2





#7

Phenol-d6

Concen: 152.53 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Instrument :

BNA_F

ClientSampleId :

GW-04(12-14)

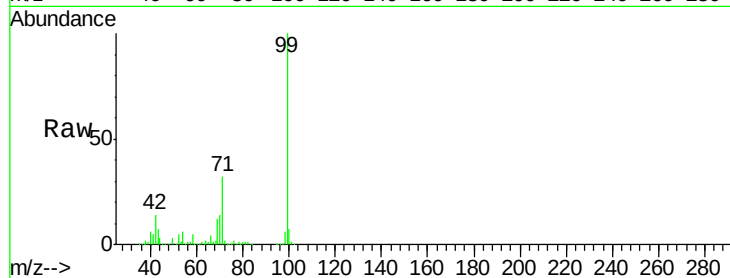
Tgt Ion: 99 Resp: 1258112

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

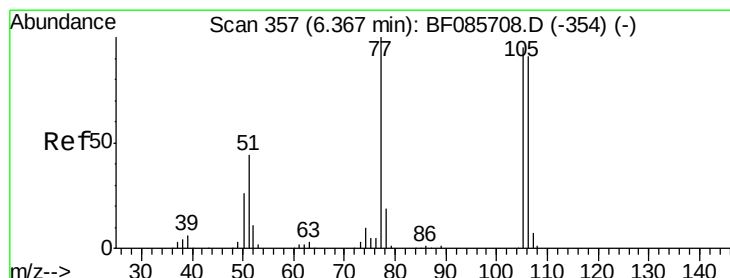
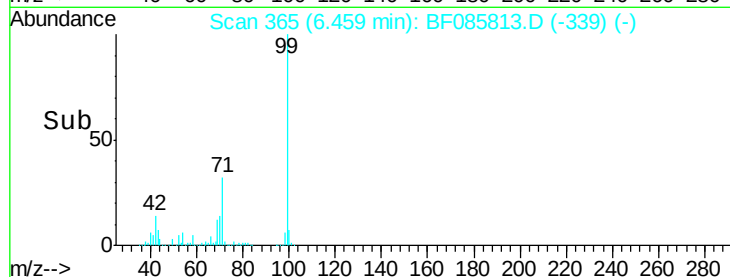
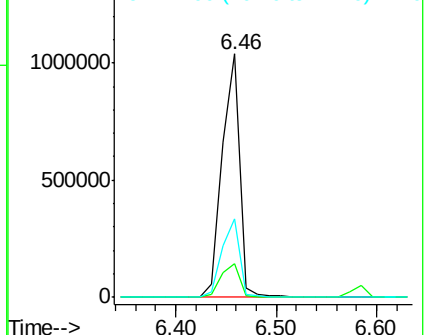
71 32.2 24.9 37.3



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: 4.09 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

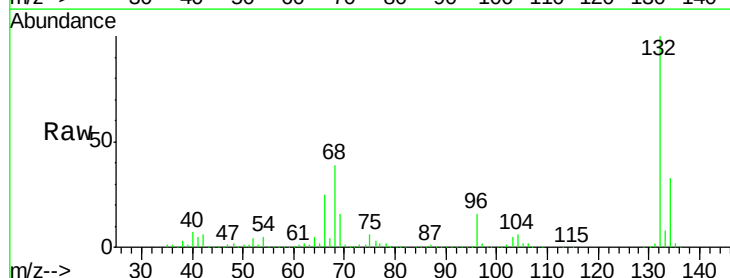
Tgt Ion: 77 Resp: 20336

Ion Ratio Lower Upper

77 100

105 80.8 80.1 120.1

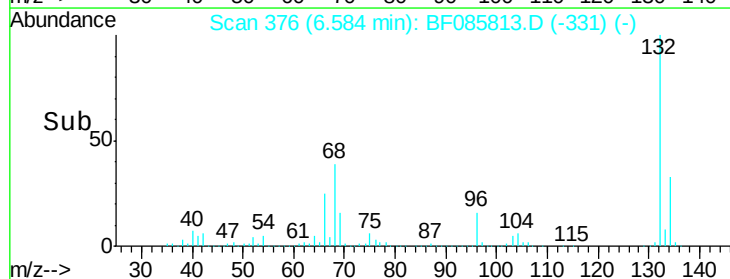
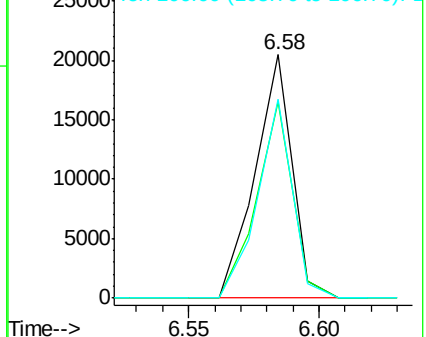
106 81.4 75.0 115.0

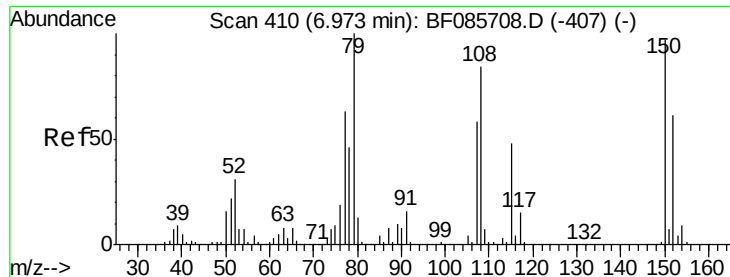


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Instrument :

BNA_F

ClientSampleId :

GW-04(12-14)

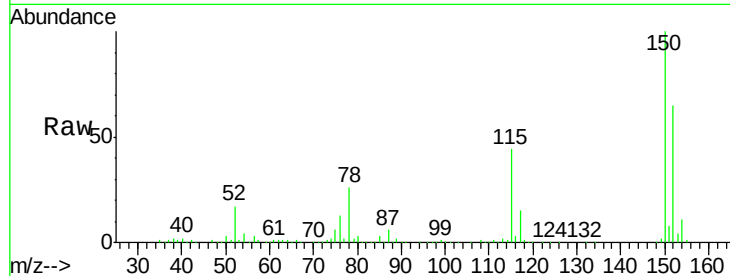
Tgt Ion: 79 Resp: 13066

Ion Ratio Lower Upper

79 100

108 33.6 61.8 92.6#

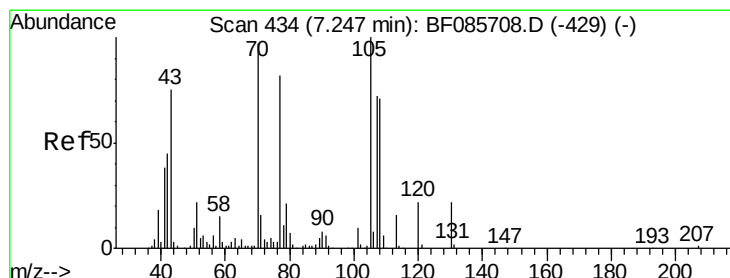
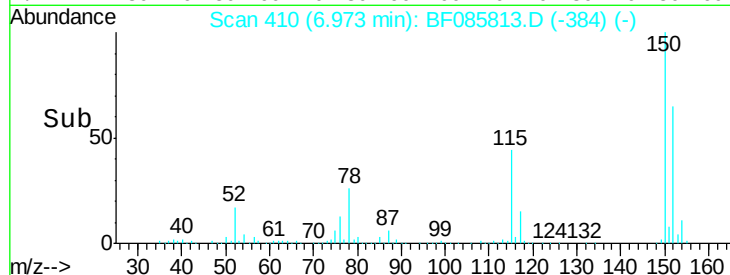
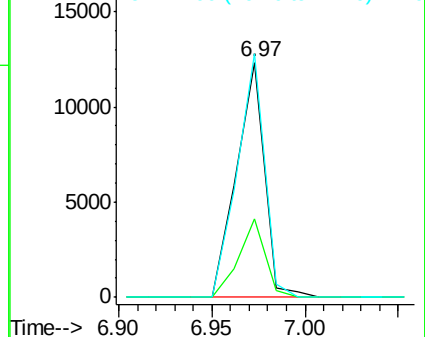
77 103.5 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 21.40 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Tgt Ion: 70 Resp: 105711

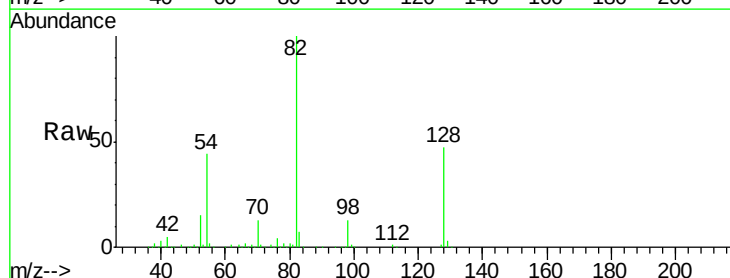
Ion Ratio Lower Upper

70 100

42 38.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

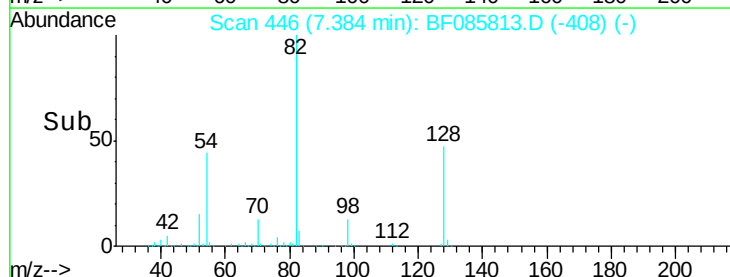
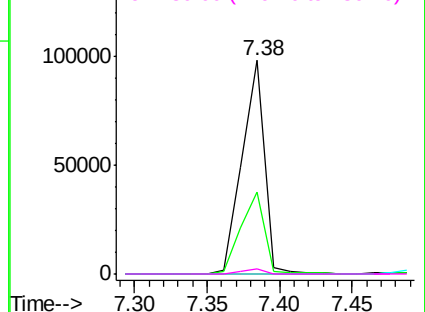


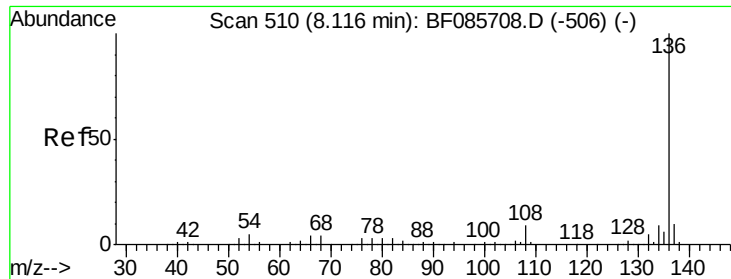
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

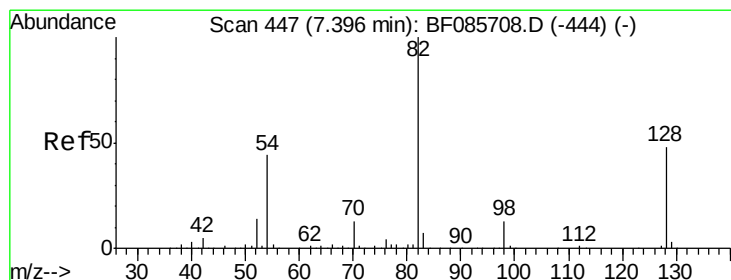
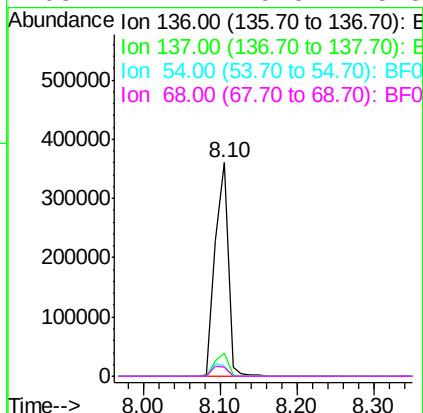
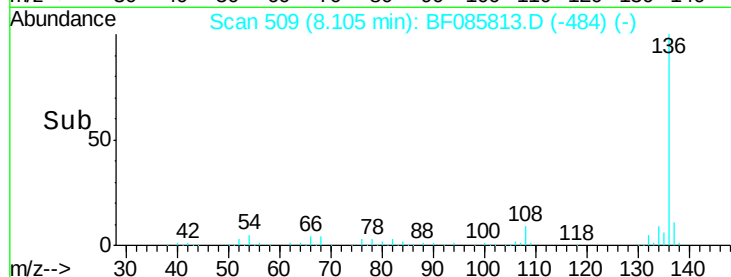
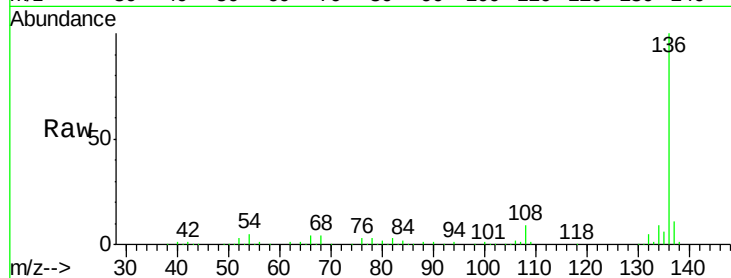




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085813.D
Acq: 28 Mar 2016 20:45

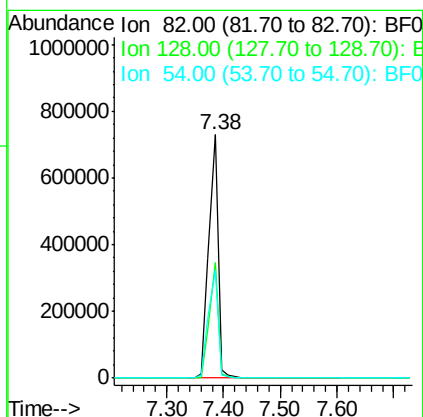
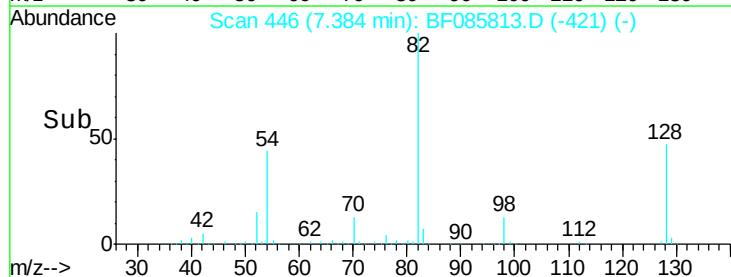
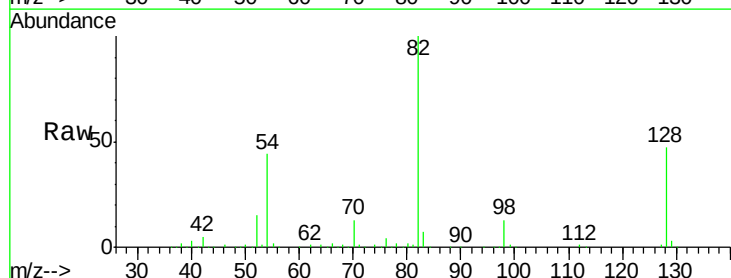
Instrument :
BNA_F
ClientSampleId :
GW-04(12-14)

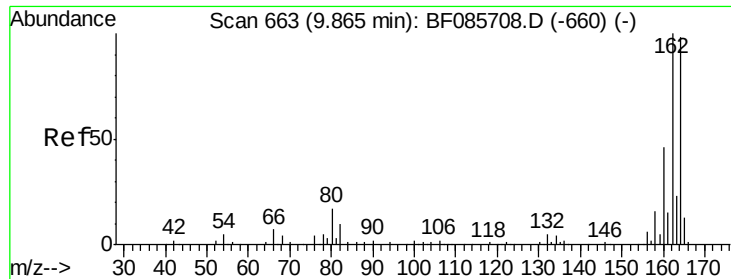
Tgt Ion:	136	Resp:	424866
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	4.9	7.4	11.0#
68	4.4	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 104.36 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085813.D
Acq: 28 Mar 2016 20:45

Tgt Ion:	82	Resp:	787386
Ion	Ratio	Lower	Upper
82	100		
128	47.4	41.8	62.8
54	44.4	33.4	50.0

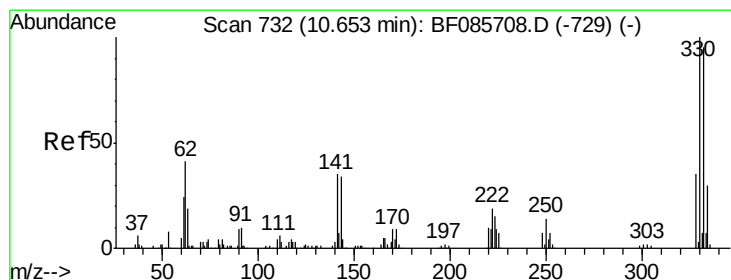
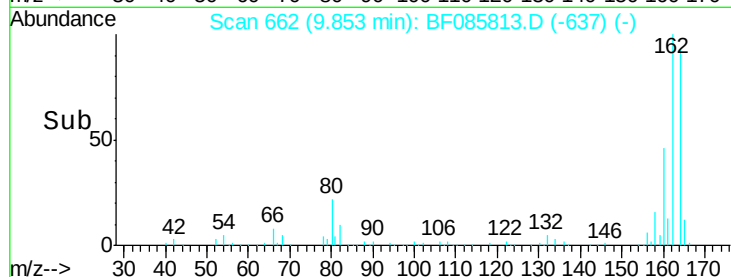
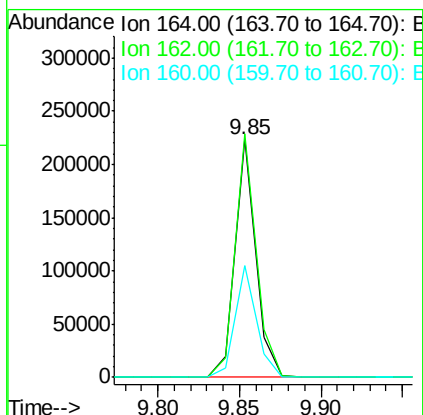
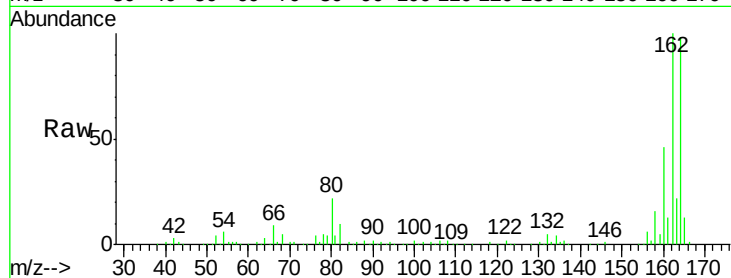




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

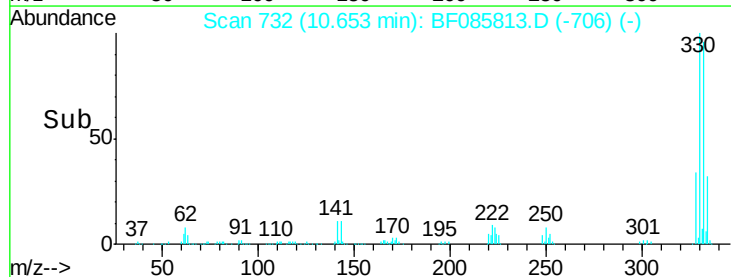
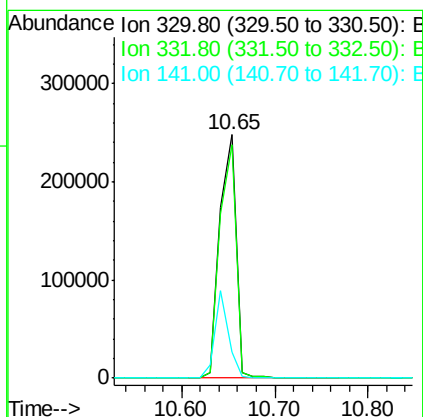
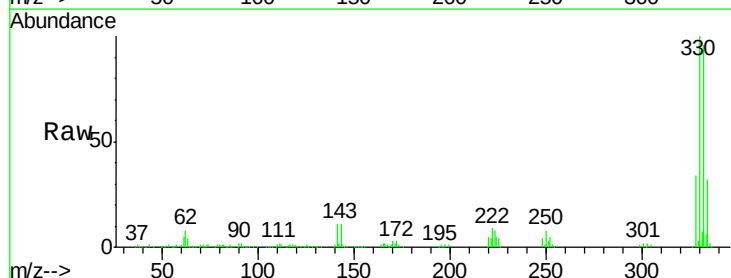
Instrument :
 BNA_F
 ClientSampleId :
 GW-04(12-14)

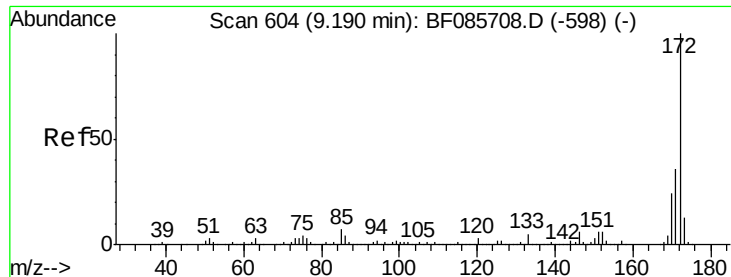
Tgt Ion:164 Resp: 193969
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 46.7 37.4 56.2



#41
 2,4,6-Tribromophenol
 Concen: 163.73 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Tgt Ion:330 Resp: 301743
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 30.5 31.5 47.3#

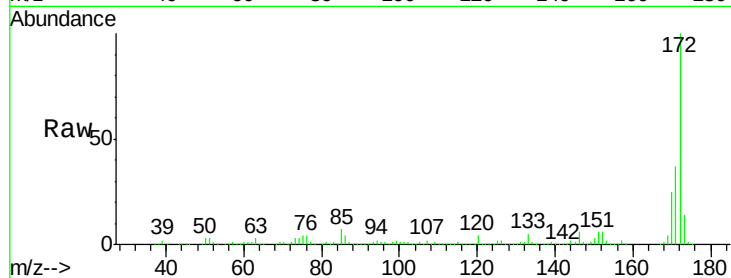




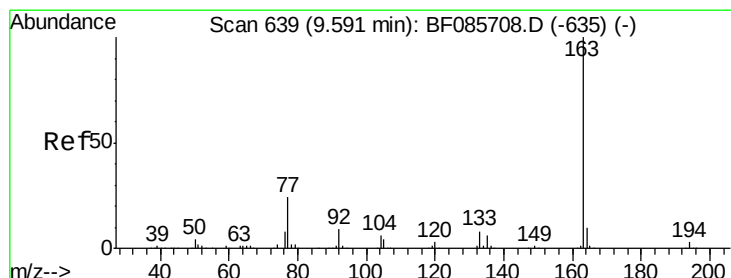
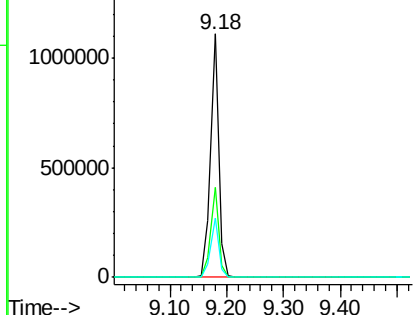
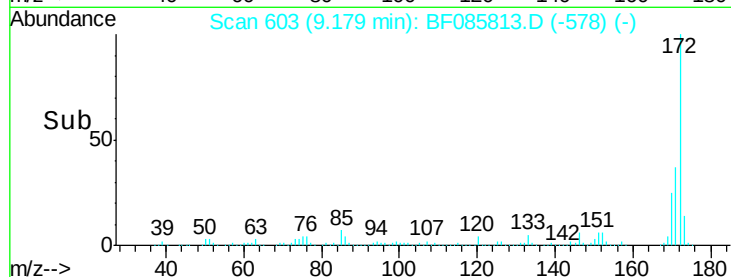
#44
 2-Fluorobiphenyl
 Concen: 91.23 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(12-14)

Tgt Ion:172 Resp: 1059104
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.5 19.8 29.6

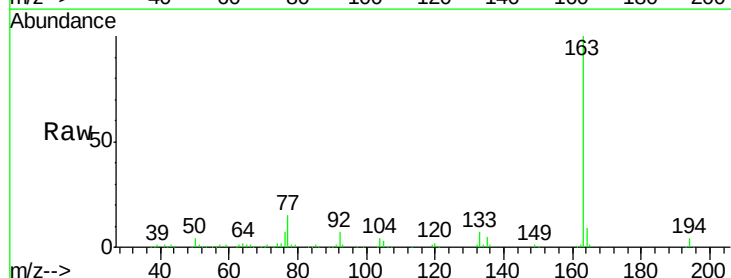


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

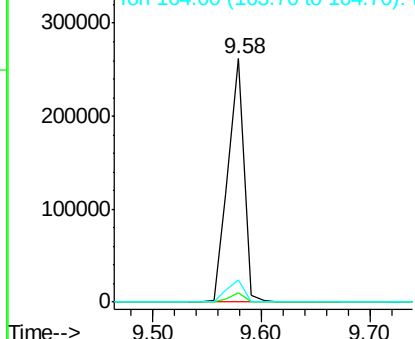
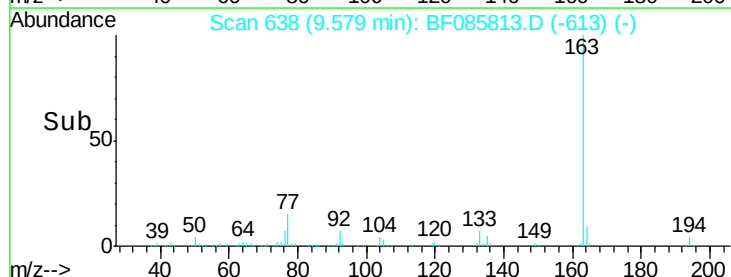


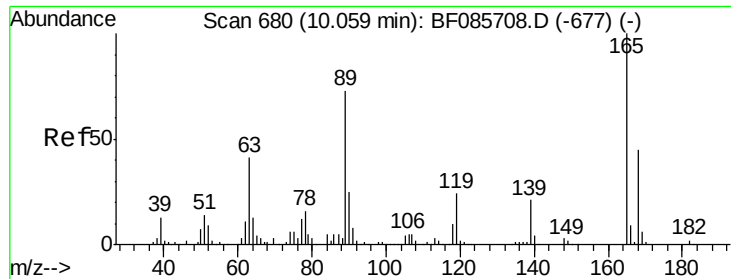
#49
 Dimethylphthalate
 Concen: 18.21 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Tgt Ion:163 Resp: 267915
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.3 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

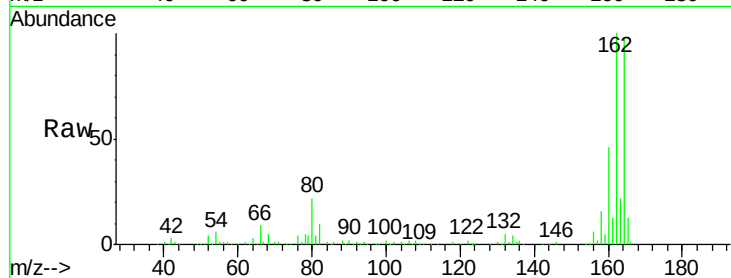




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.21 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(12-14)

Tgt Ion:	165	Resp:	25207
Ion Ratio	Lower	Upper	
165	100		
63	1.1	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#

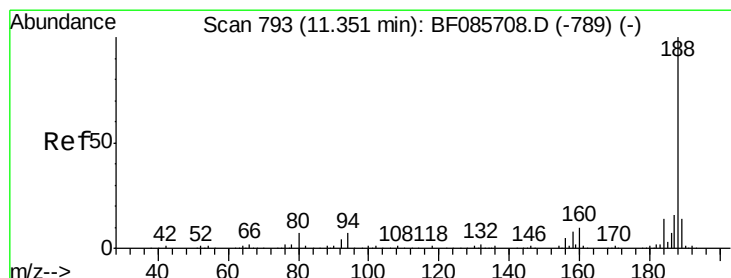
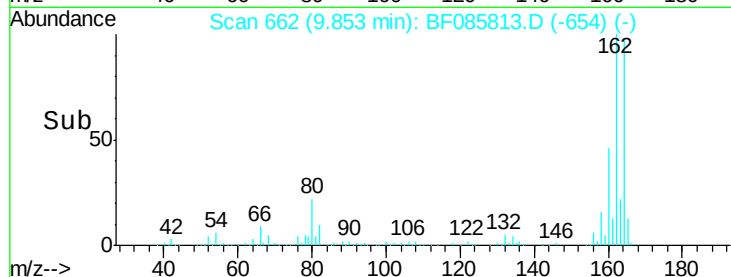
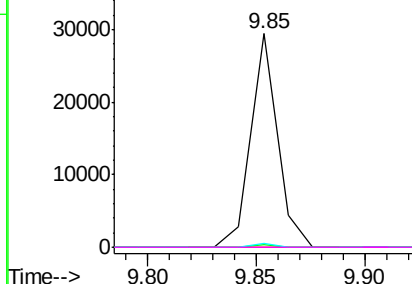


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

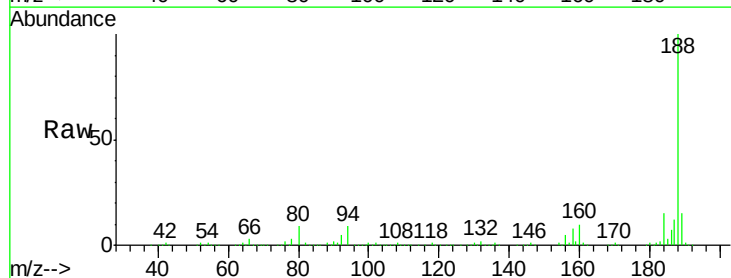
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

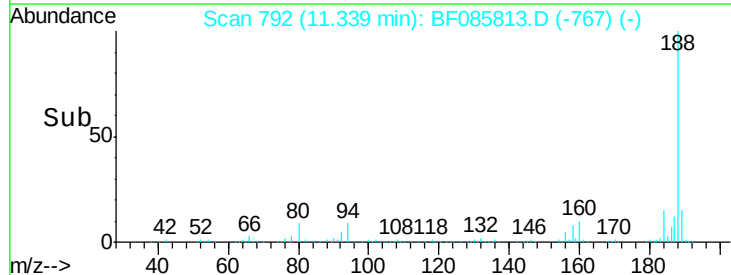
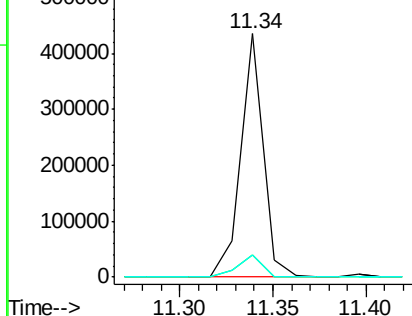
Tgt Ion:	188	Resp:	366350
Ion Ratio	Lower	Upper	
188	100		
94	8.9	5.4	8.0#
80	9.3	5.5	8.3#

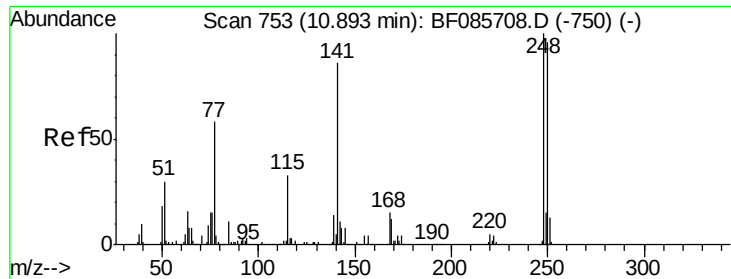


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.94 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.25 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

Instrument :

BNA_F

ClientSampleId :

GW-04(12-14)

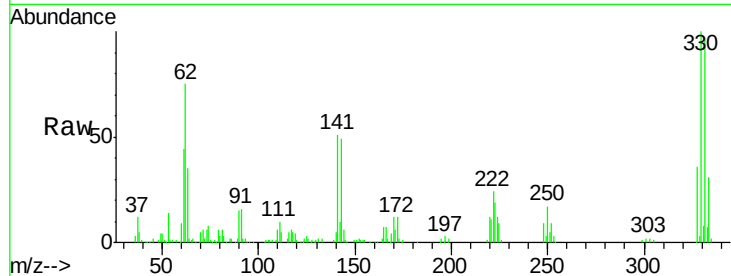
Tgt Ion:248 Resp: 18505

Ion Ratio Lower Upper

248 100

250 196.3 77.4 116.0#

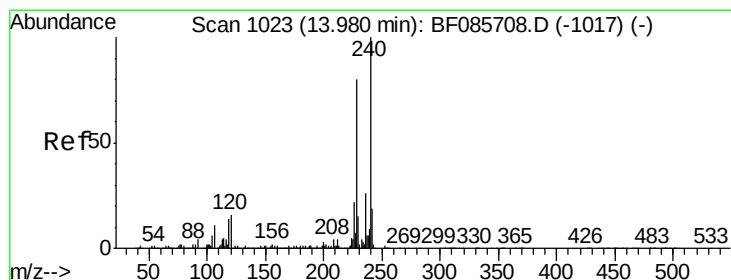
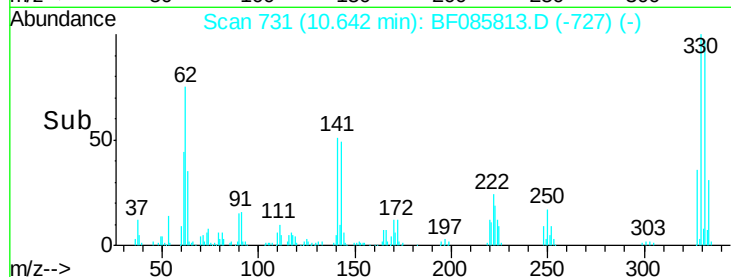
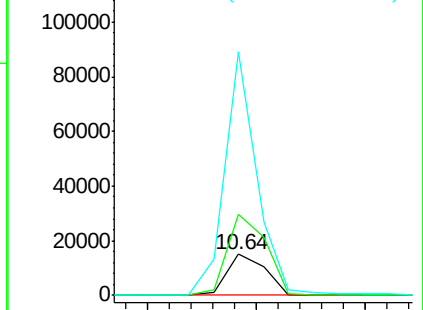
141 594.3 63.6 95.4#



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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085813.D

Acq: 28 Mar 2016 20:45

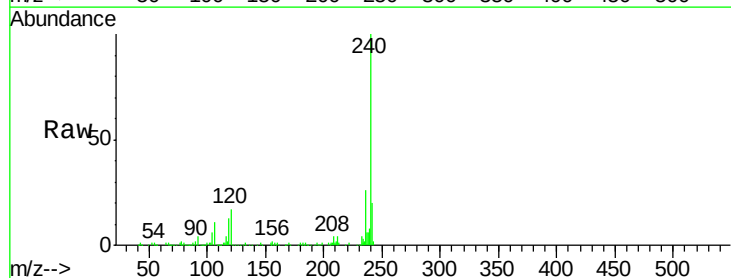
Tgt Ion:240 Resp: 215475

Ion Ratio Lower Upper

240 100

120 16.7 13.8 20.8

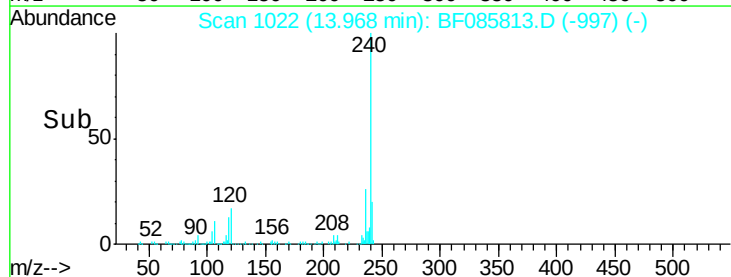
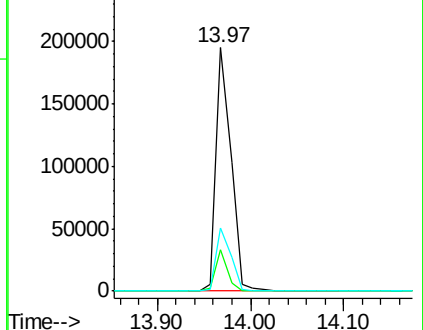
236 26.1 20.6 30.8

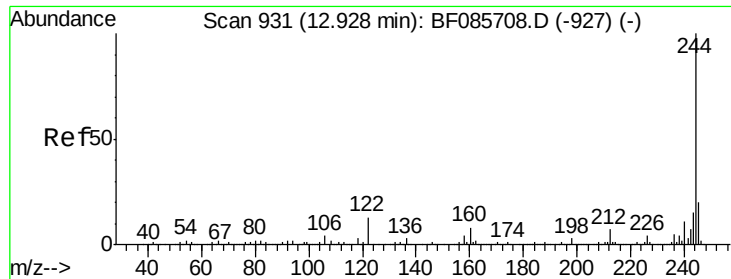


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

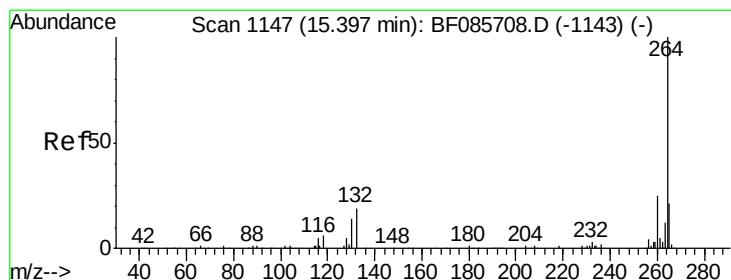
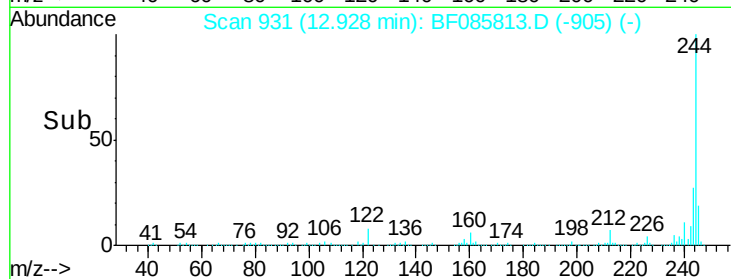
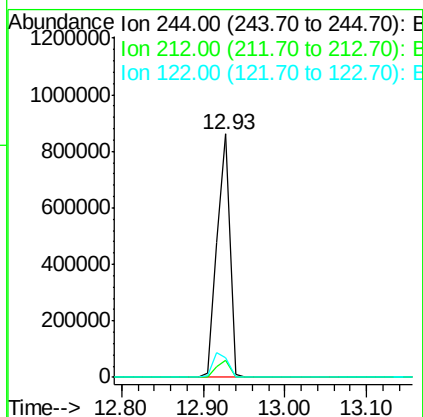
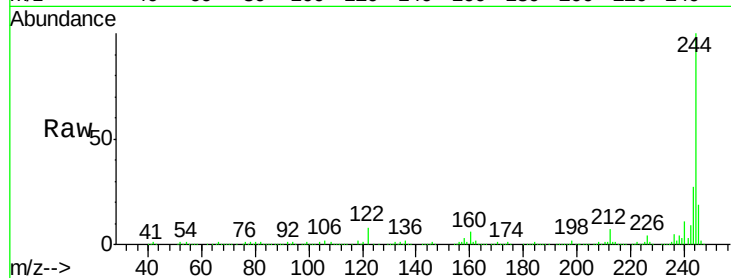




#78
 Terphenyl-d14
 Concen: 89.97 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 GW-04(12-14)

Tgt Ion:244 Resp: 942613
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 8.1 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085813.D
 Acq: 28 Mar 2016 20:45

Tgt Ion:264 Resp: 178529
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 20.8 17.2 25.8

