

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089235.D
 Acq On : 23 Jul 2016 14:01
 Operator : UM/SJ
 Sample : H4120-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

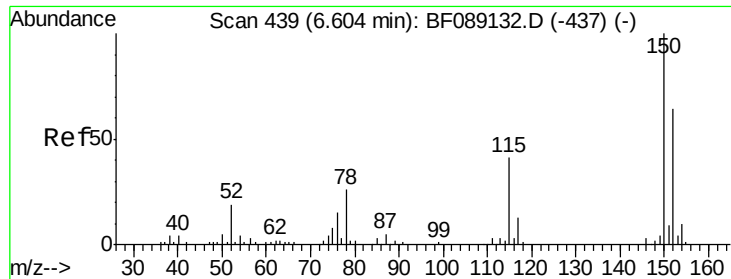
Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

Quant Time: Jul 25 01:08:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45724	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	208591	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	98811	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	188019	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	134189	20.00	ng	-0.02
86) Perylene-d12	15.04	264	94956	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	243137	80.87	ng	-0.02
7) Phenol-d6	6.23	99	263990	68.09	ng	-0.05
23) Nitrobenzene-d5	7.15	82	350576	89.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	100605	113.09	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	644506	89.87	ng	-0.02
78) Terphenyl-d14	12.66	244	475496	76.86	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.34	77	7320	2.60	ng	# 73
19) n-Nitroso-di-n-propylamine	7.15	70	46039	18.16	ng	# 78
49) Dimethylphthalate	9.35	163	29343	3.87	ng	100
50) 2,6-Dinitrotoluene	9.61	165	12313	7.19	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	12313	5.58	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	7849	4.22	ng	# 1

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

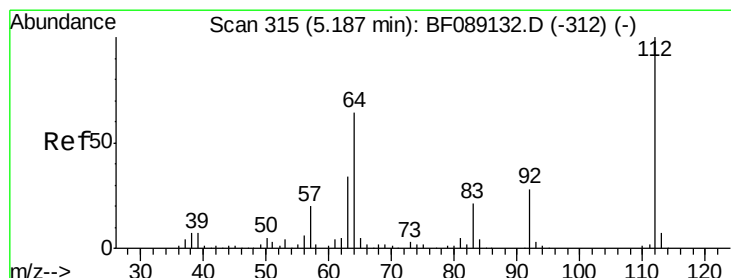
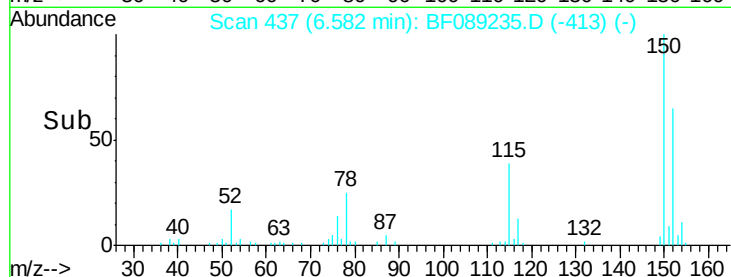
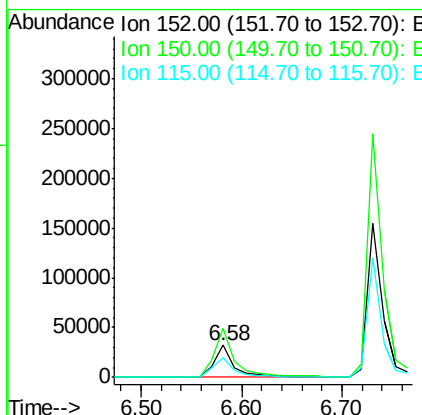
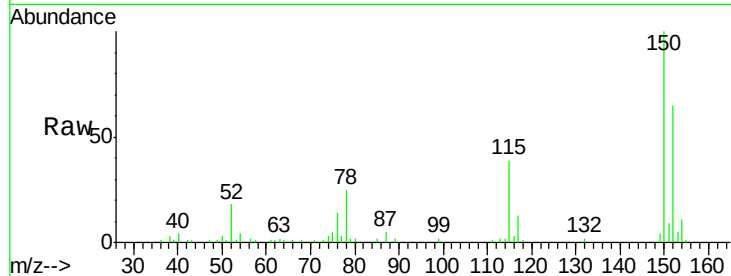
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\  
Data File : BF089235.D  
Acq On    : 23 Jul 2016   14:01  
Operator  : UM/SJ  
Sample    : H4120-09  
Misc      :  
ALS Vial  : 36      Sample Multiplier: 1
```



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

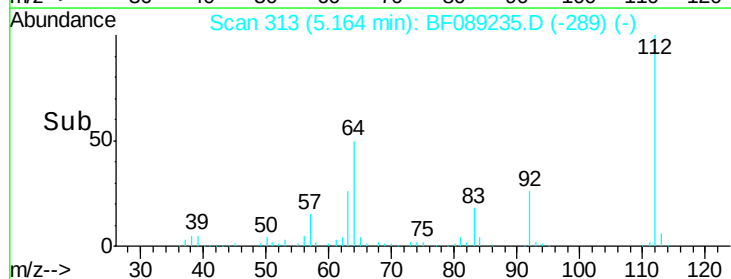
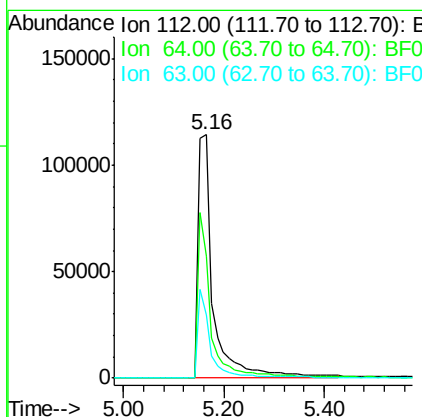
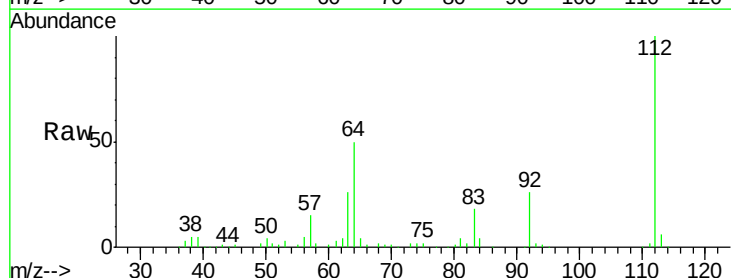
Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

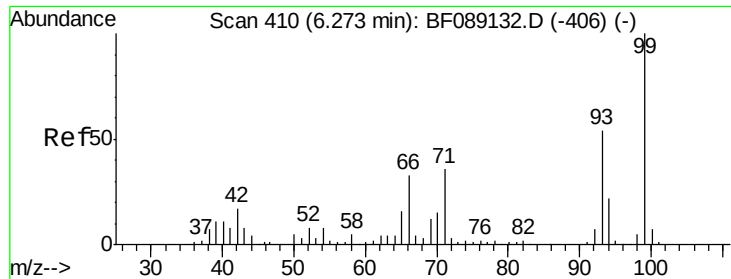
Tgt Ion:152 Resp: 45724
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.1 187.7
 115 60.6 51.1 76.7



#5
 2-Fluorophenol
 Concen: 80.87 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Tgt Ion:112 Resp: 243137
 Ion Ratio Lower Upper
 112 100
 64 50.3 51.0 76.4#
 63 26.0 27.3 40.9#





#7

Phenol-d6

Concen: 68.09 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089235.D

Acq: 23 Jul 2016 14:01

Instrument :

BNA_F

ClientSampleId :

GW-06-6.0-16.0

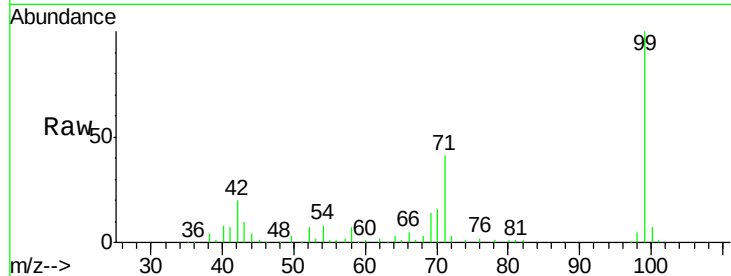
Tgt Ion: 99 Resp: 263990

Ion Ratio Lower Upper

99 100

42 20.4 13.5 20.3#

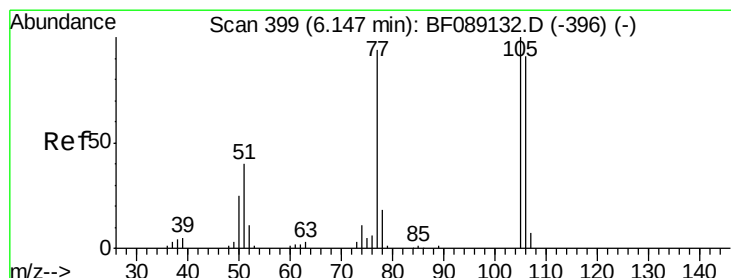
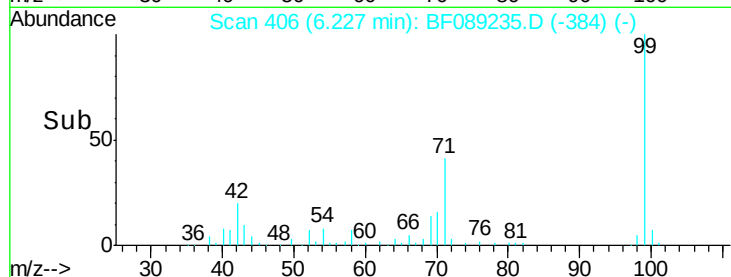
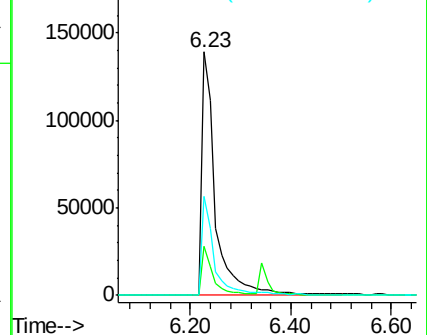
71 40.9 28.9 43.3



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: 2.60 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF089235.D

Acq: 23 Jul 2016 14:01

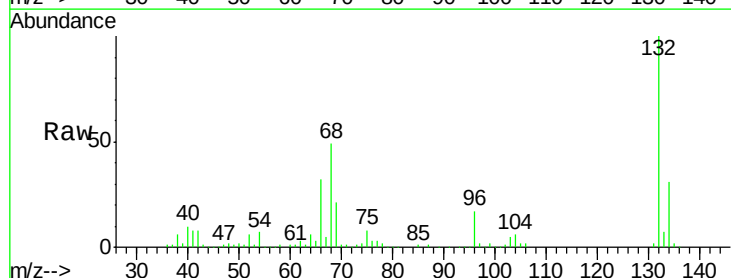
Tgt Ion: 77 Resp: 7320

Ion Ratio Lower Upper

77 100

105 74.6 86.2 126.2#

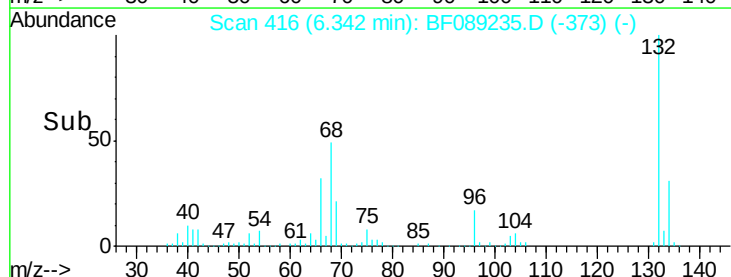
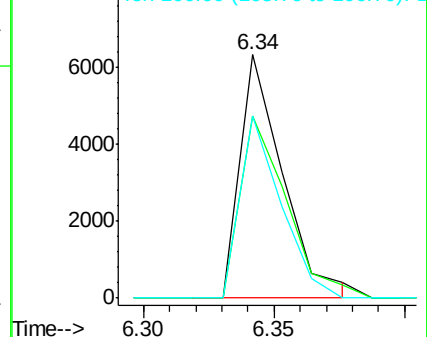
106 74.6 76.3 116.3#

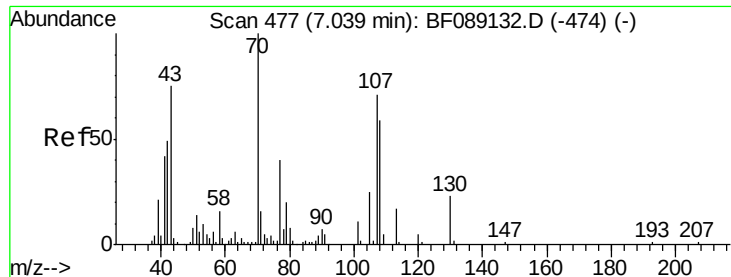


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

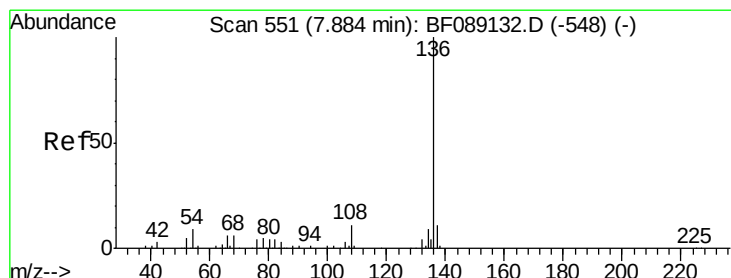
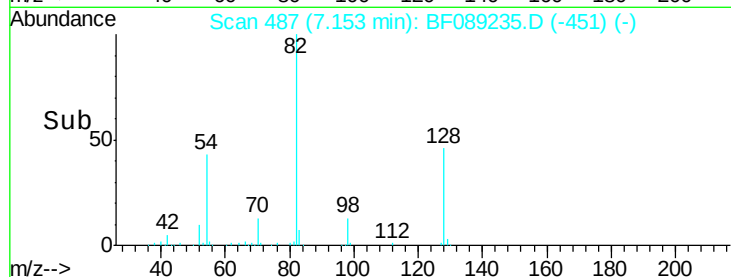
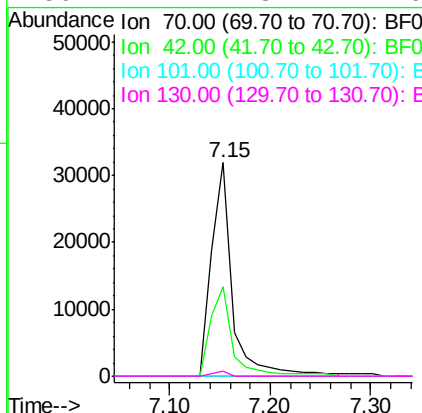
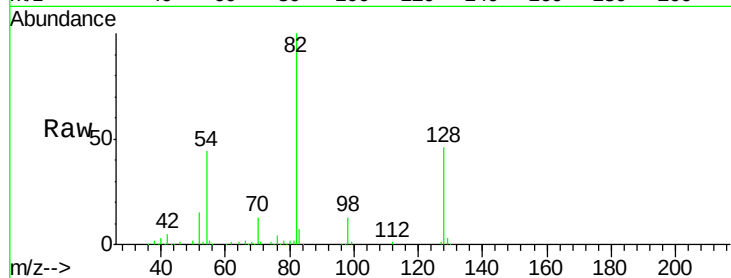




#19
n-Nitroso-di-n-propylamine
Concen: 18.16 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089235.D
Acq: 23 Jul 2016 14:01

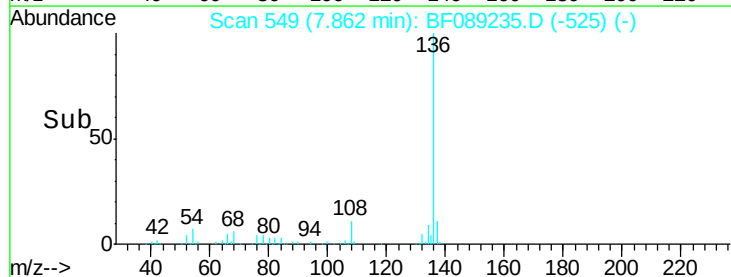
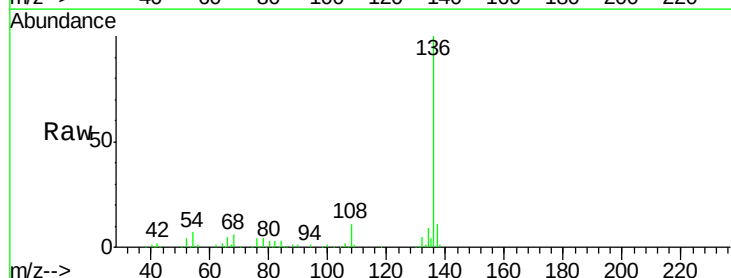
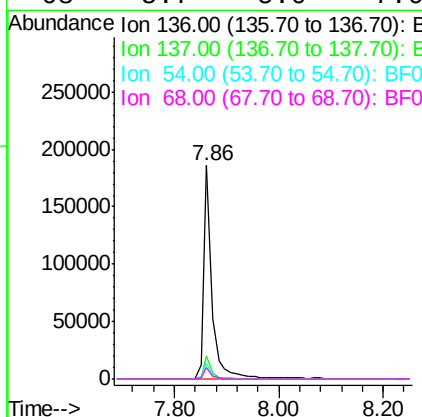
Instrument :
BNA_F
ClientSampleId :
GW-06-6.0-16.0

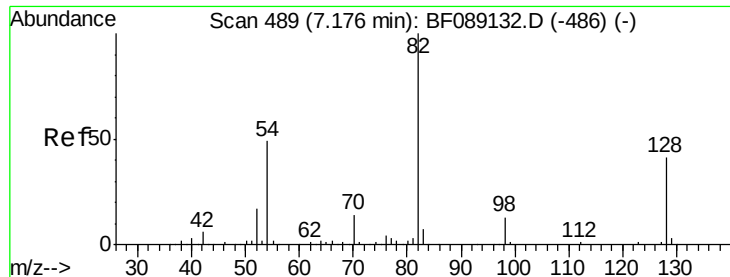
Tgt Ion: 70 Resp: 46039
Ion Ratio Lower Upper
70 100
42 41.7 39.2 58.8
101 0.0 8.5 12.7#
130 2.4 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089235.D
Acq: 23 Jul 2016 14:01

Tgt Ion: 136 Resp: 208591
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 7.0 10.4
68 5.7 5.0 7.6

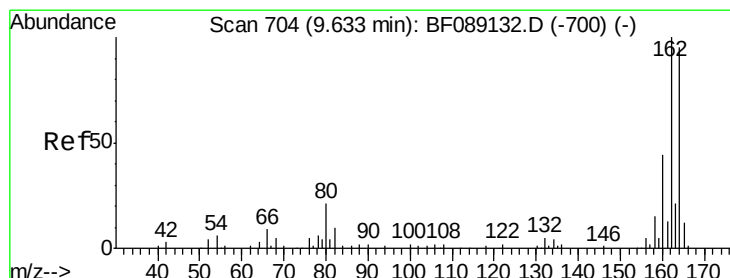
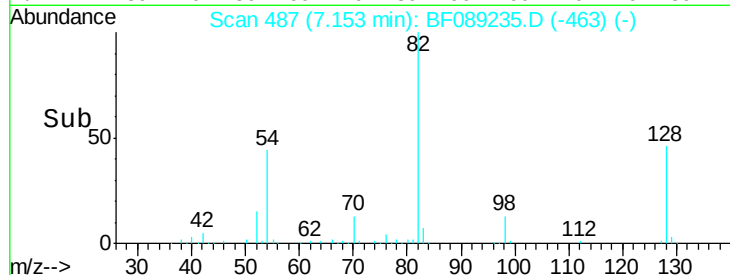
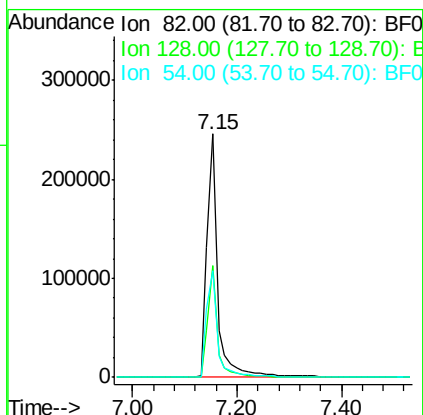
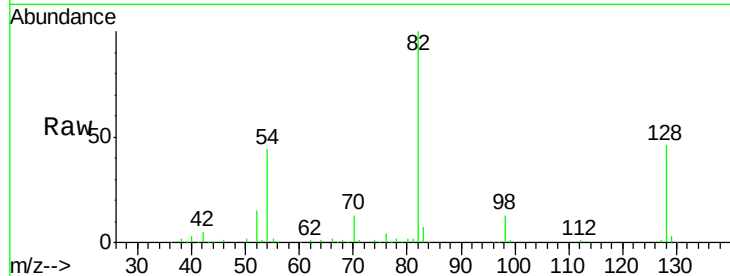




#23
 Nitrobenzene-d5
 Concen: 89.30 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

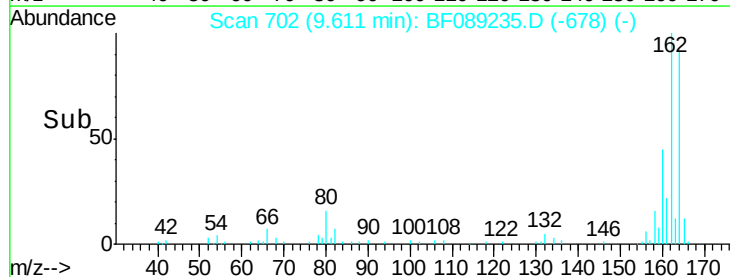
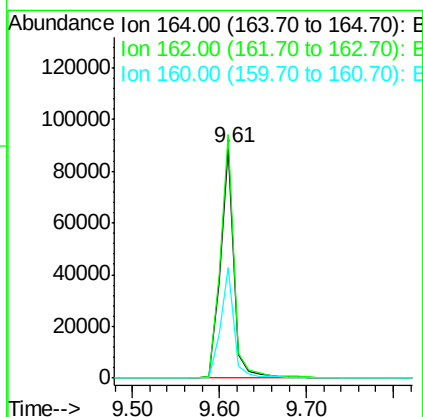
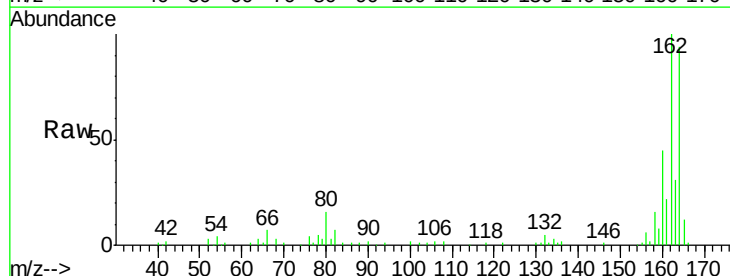
Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

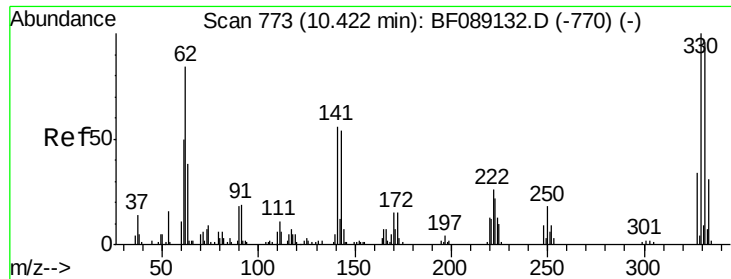
Tgt Ion: 82 Resp: 350576
 Ion Ratio Lower Upper
 82 100
 128 45.7 33.0 49.6
 54 44.1 39.0 58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Tgt Ion: 164 Resp: 98811
 Ion Ratio Lower Upper
 164 100
 162 106.0 84.1 126.1
 160 48.1 37.1 55.7

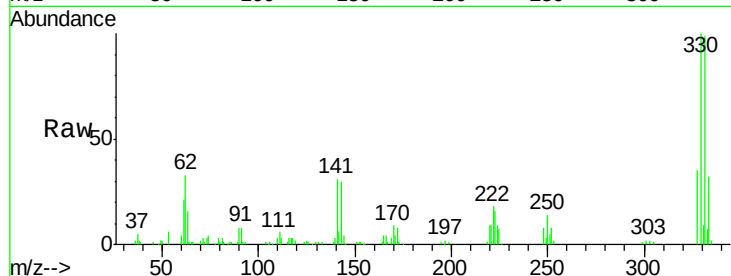




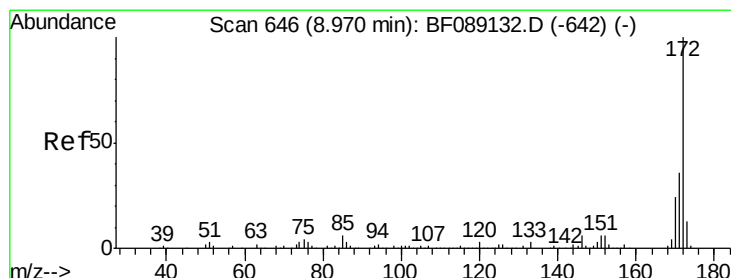
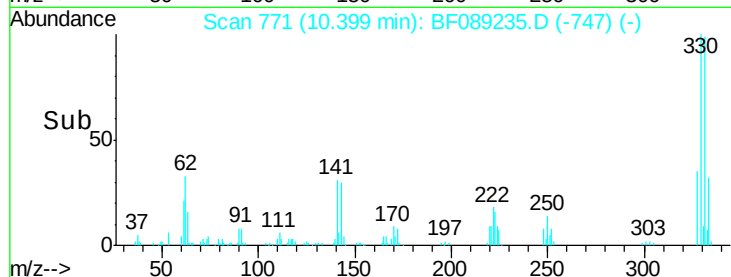
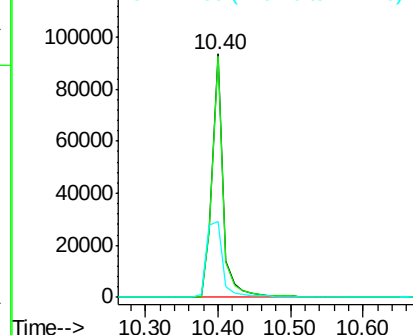
#41
 2,4,6-Tribromophenol
 Concen: 113.09 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

Tgt Ion:330 Resp: 100605
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.2 115.8
 141 45.7 42.2 63.2

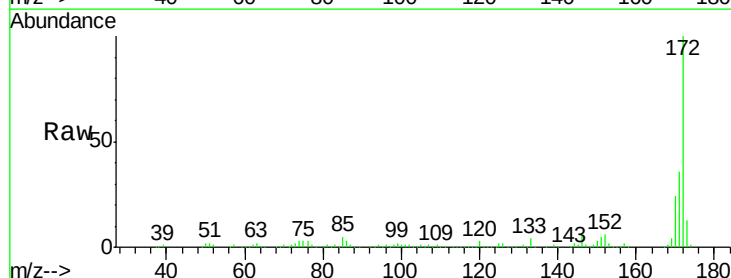


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

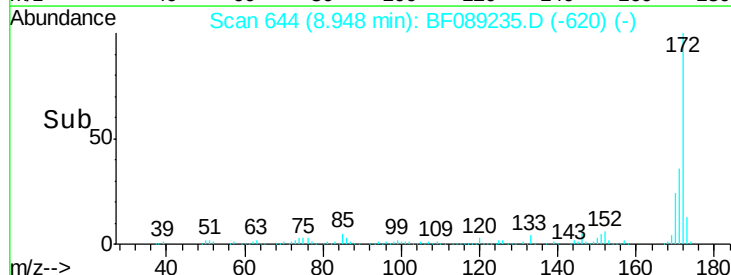
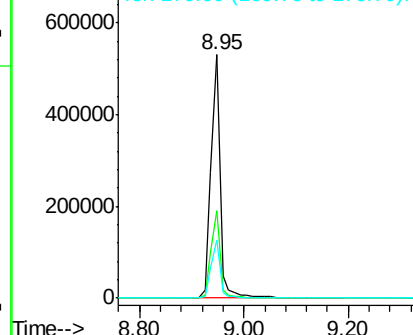


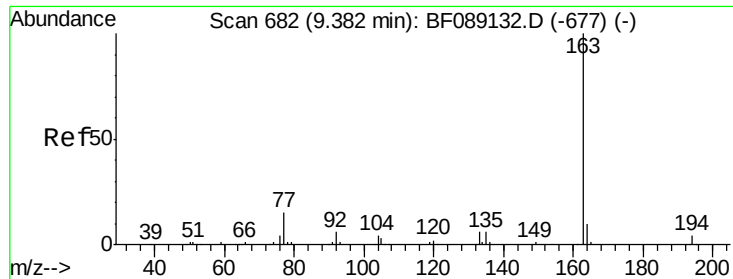
#44
 2-Fluorobiphenyl
 Concen: 89.87 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Tgt Ion:172 Resp: 644506
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.9 19.1 28.7



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

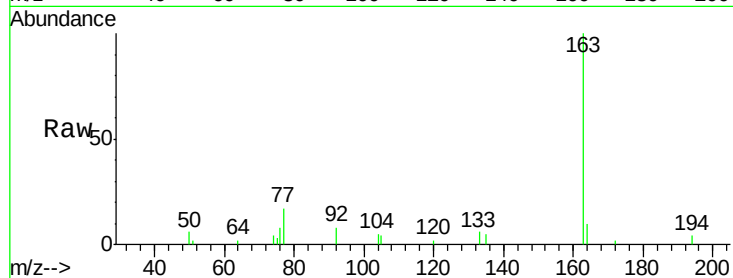




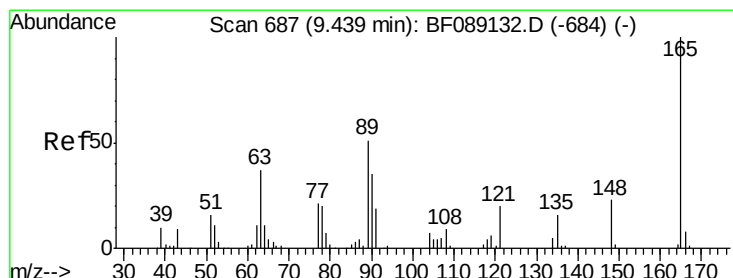
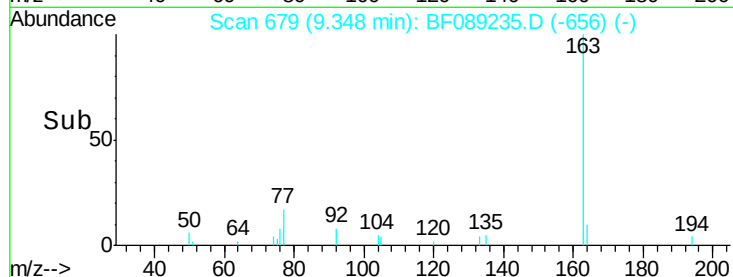
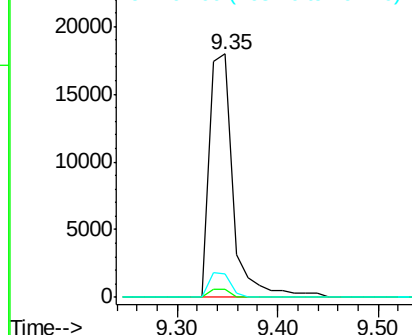
#49
Dimethylphthalate
Concen: 3.87 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089235.D
Acq: 23 Jul 2016 14:01

Instrument :
BNA_F
ClientSampleId :
GW-06-6.0-16.0

Tgt Ion:163 Resp: 29343
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.6 7.6 11.4

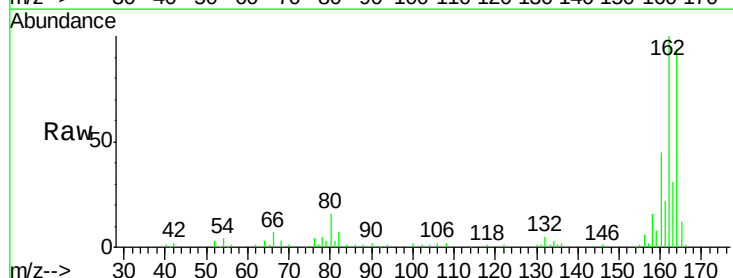


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

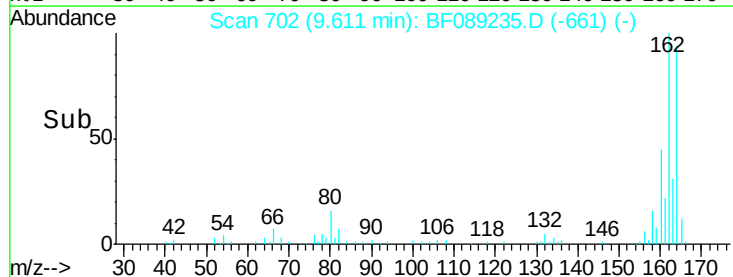
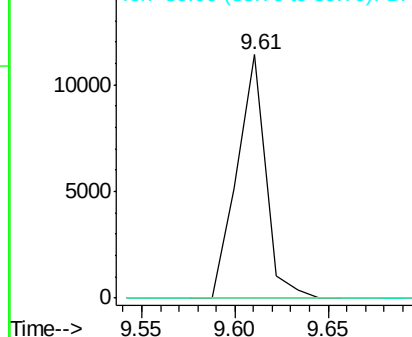


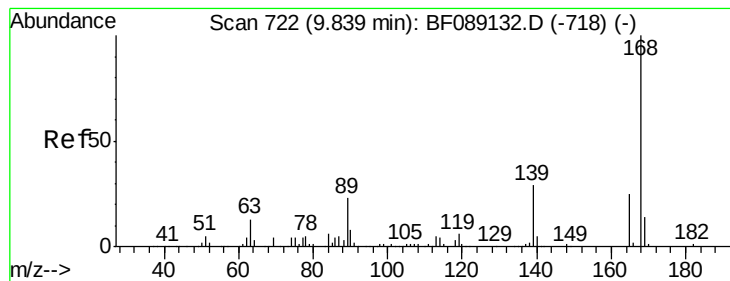
#50
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.17 min
Lab File: BF089235.D
Acq: 23 Jul 2016 14:01

Tgt Ion:165 Resp: 12313
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 0.0 40.9 61.3#



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





#56

2,4-Dinitrotoluene

Concen: 5.58 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.23 min

Lab File: BF089235.D

Acq: 23 Jul 2016 14:01

Instrument :

BNA_F

ClientSampleId :

GW-06-6.0-16.0

Tgt Ion:165 Resp: 12313

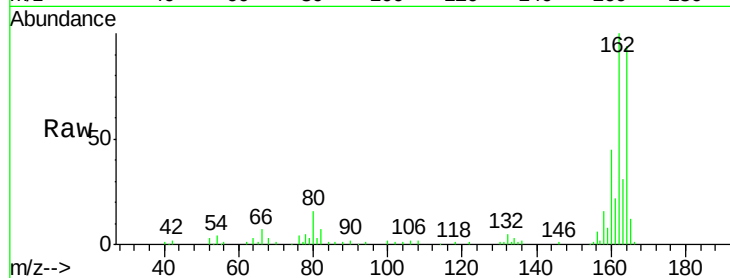
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

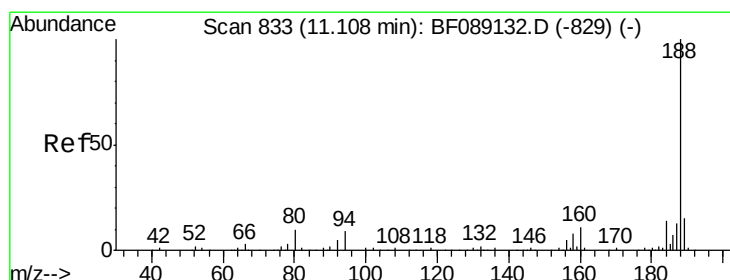
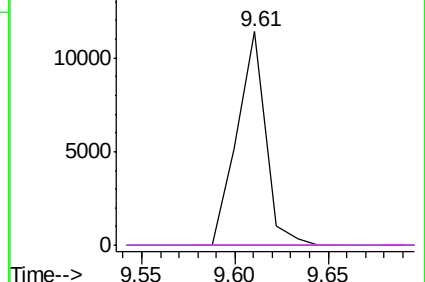
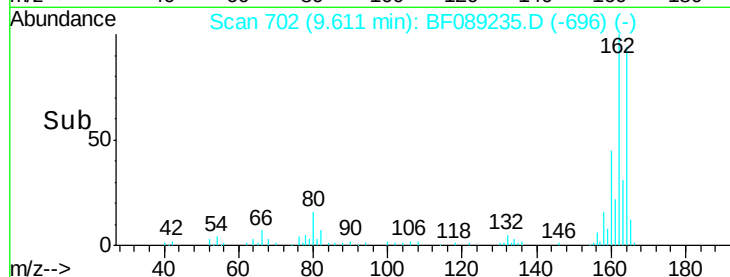


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.09 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089235.D

Acq: 23 Jul 2016 14:01

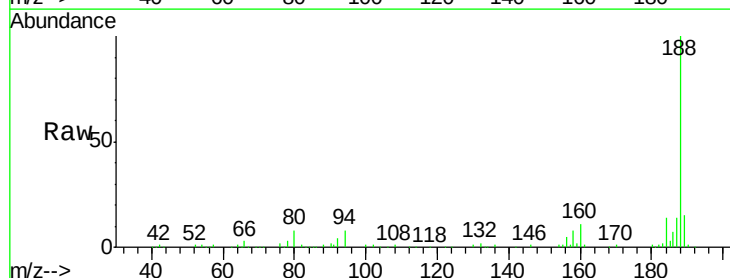
Tgt Ion:188 Resp: 188019

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

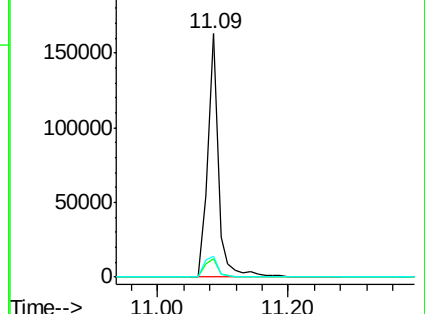
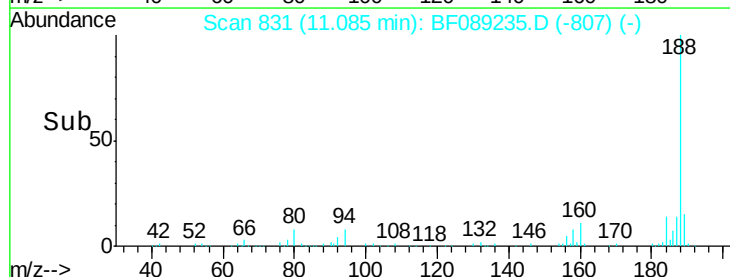
80 8.4 7.7 11.5

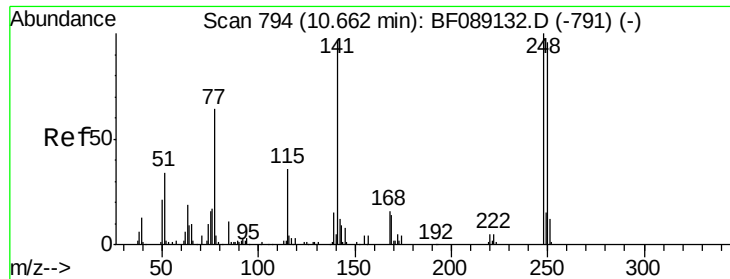


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

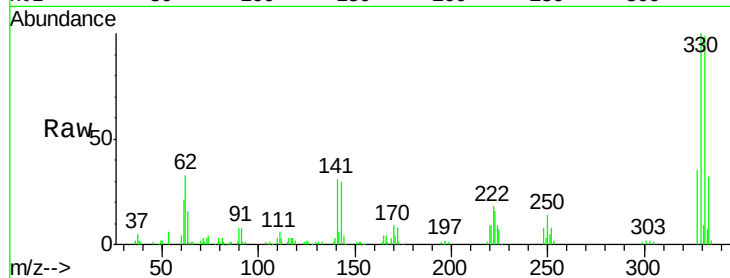




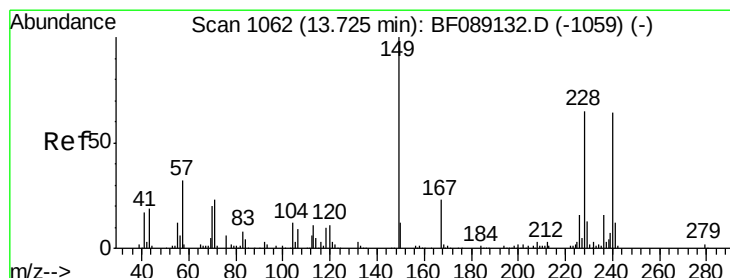
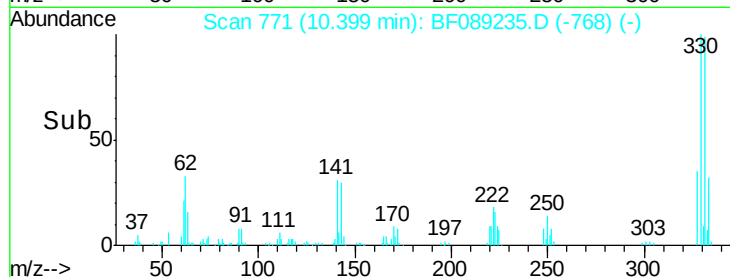
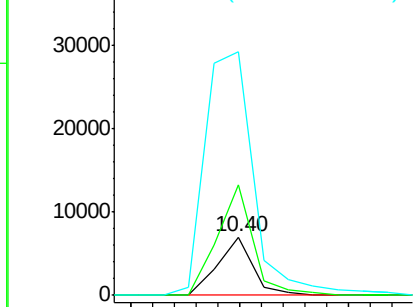
#66
 4-Bromophenyl-phenylether
 Concen: 4.22 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

Tgt Ion	Ratio	Lower	Upper
248	100		
250	189.5	76.9	115.3#
141	415.8	77.4	116.2#

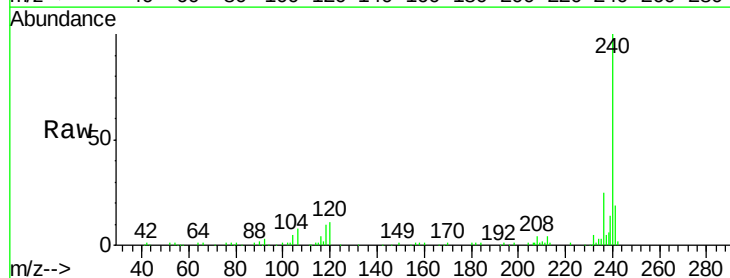


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

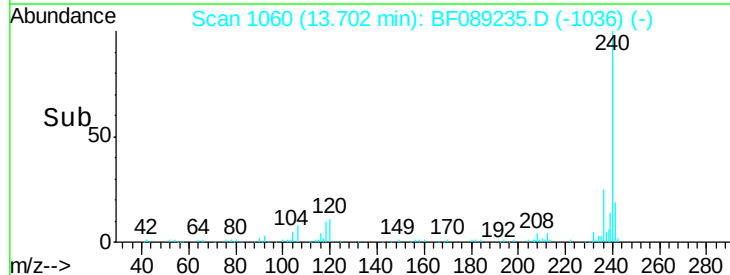
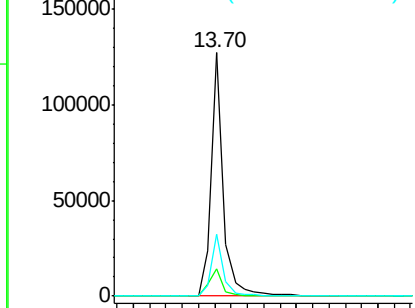


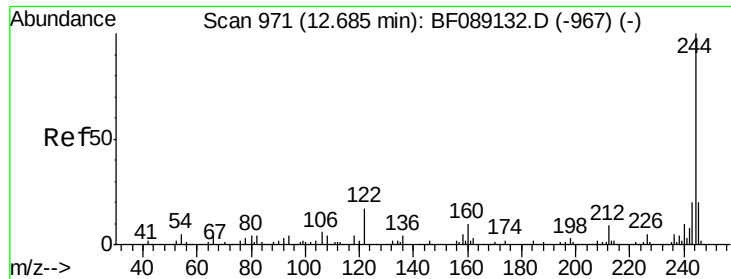
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	13.6	20.4#
236	25.3	20.5	30.7



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

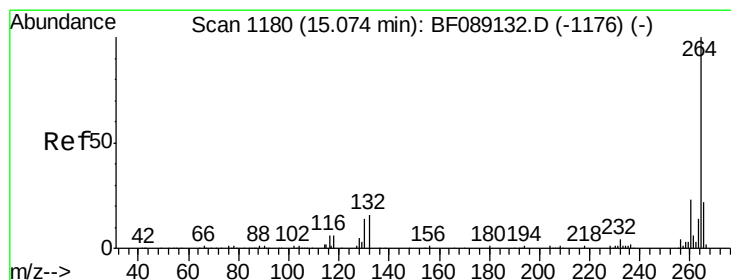
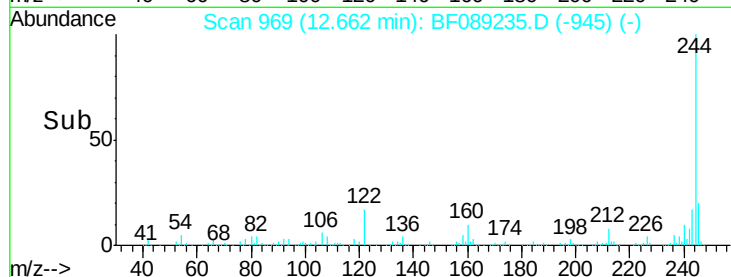
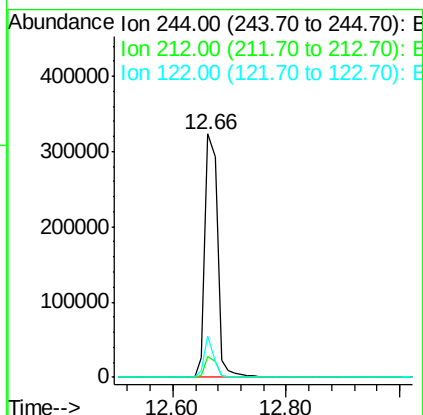
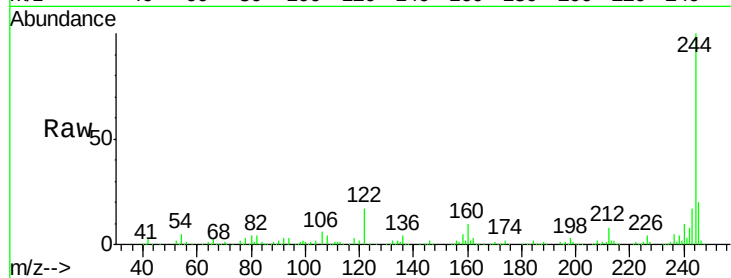




#78
 Terphenyl-d14
 Concen: 76.86 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 GW-06-6.0-16.0

Tgt Ion:244 Resp: 475496
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 17.0 13.8 20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BF089235.D
 Acq: 23 Jul 2016 14:01

Tgt Ion:264 Resp: 94956
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 21.9 17.3 25.9

