

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089230.D
 Acq On : 23 Jul 2016 11:27
 Operator : UM/SJ
 Sample : H4120-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04-5.5-13.0

Quant Time: Jul 25 01:06:50 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

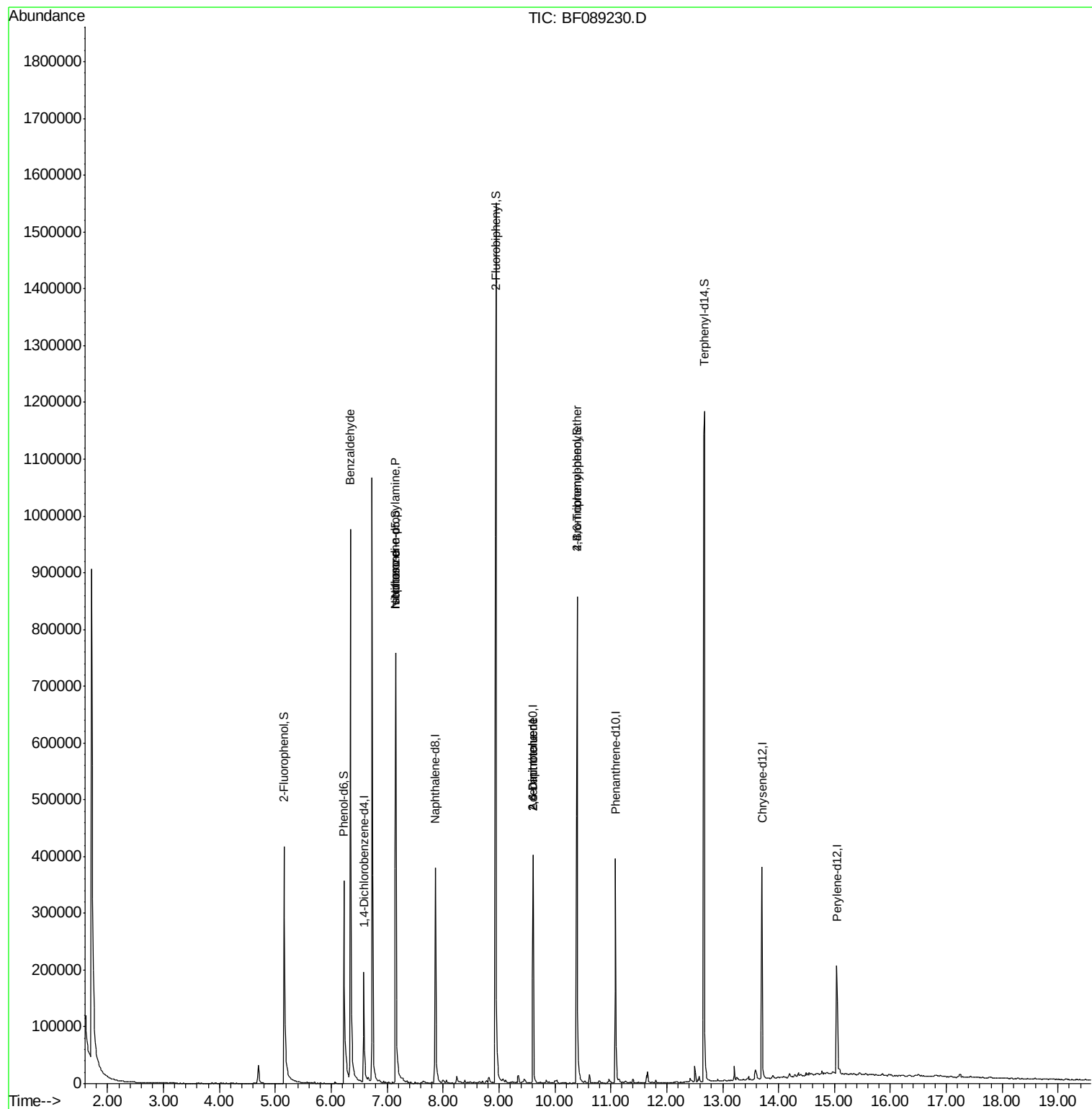
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46623	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	207520	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95133	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	188098	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	136568	20.00	ng	-0.02
86) Perylene-d12	15.04	264	95397	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	218580	71.30	ng	-0.03
7) Phenol-d6	6.23	99	204666	51.77	ng	-0.05
23) Nitrobenzene-d5	7.15	82	372346	95.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	118838	138.75	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	671513	97.26	ng	-0.02
78) Terphenyl-d14	12.67	244	575529	91.41	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.34	77	8151	2.87	ng	# 74
19) n-Nitroso-di-n-propylamine	7.15	70	50675	19.60	ng	# 78
25) Isophorone	7.15	82	272704	37.88	ng	# 66
50) 2,6-Dinitrotoluene	9.61	165	11751	7.13	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	11751	5.54	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	8885	4.77	ng	# 1

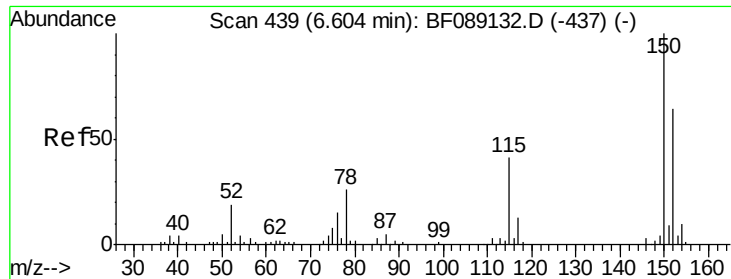
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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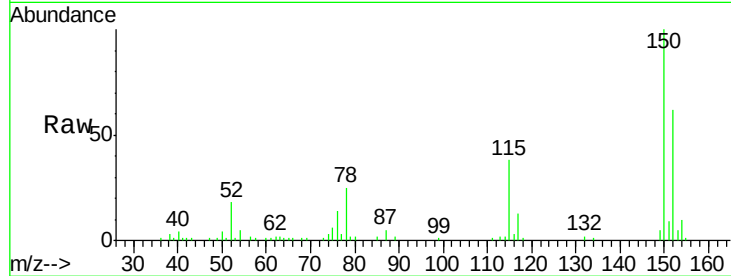


#1

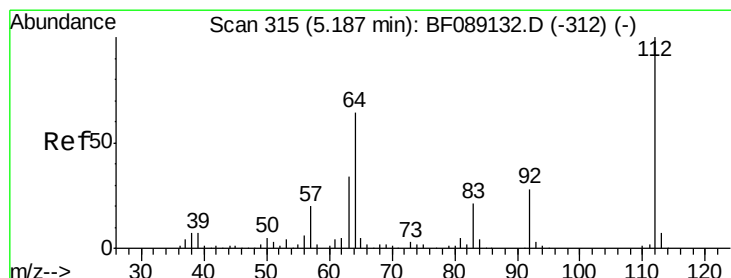
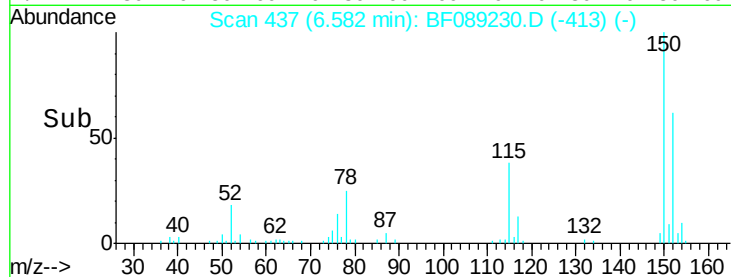
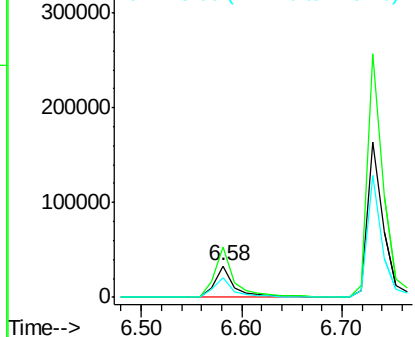
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089230.D
Acq: 23 Jul 2016 11:27

Instrument :
BNA_F
ClientSampleId :
GW-04-5.5-13.0

Tgt Ion:152 Resp: 46623
Ion Ratio Lower Upper
152 100
150 160.0 125.1 187.7
115 61.3 51.1 76.7



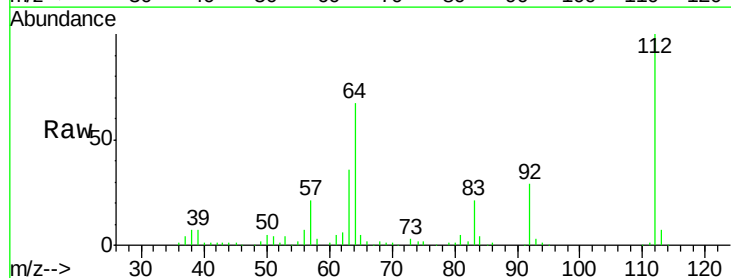
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



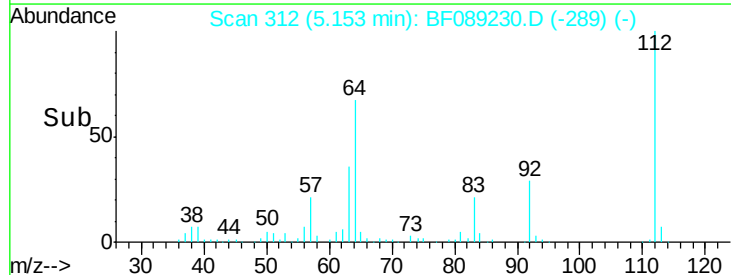
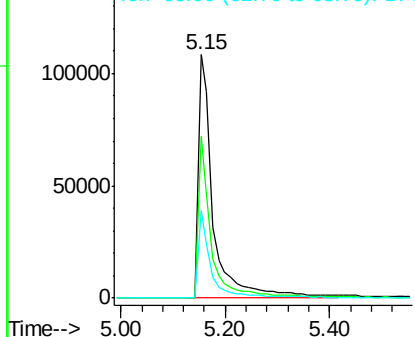
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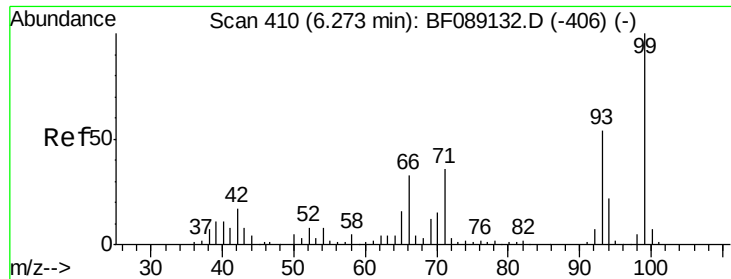
2-Fluorophenol
Concen: 71.30 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.03 min
Lab File: BF089230.D
Acq: 23 Jul 2016 11:27

Tgt Ion:112 Resp: 218580
Ion Ratio Lower Upper
112 100
64 66.6 51.0 76.4
63 35.7 27.3 40.9



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: 51.77 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089230.D

Acq: 23 Jul 2016 11:27

Instrument :

BNA_F

ClientSampleId :

GW-04-5.5-13.0

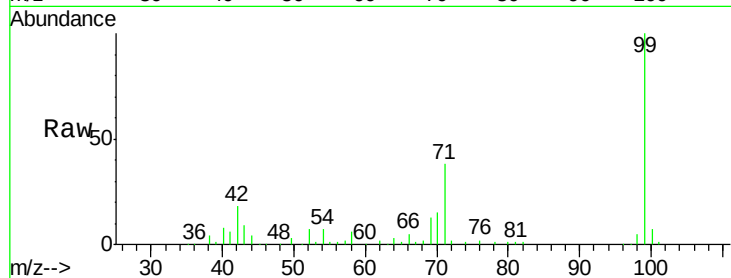
Tgt Ion: 99 Resp: 204666

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

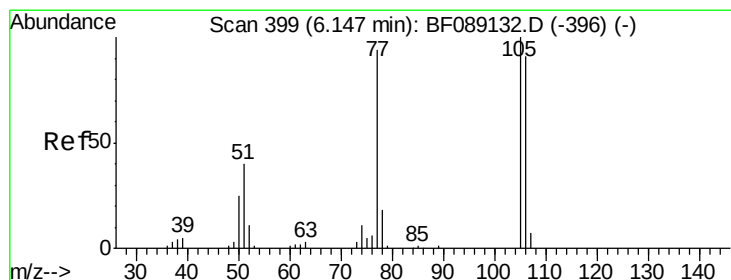
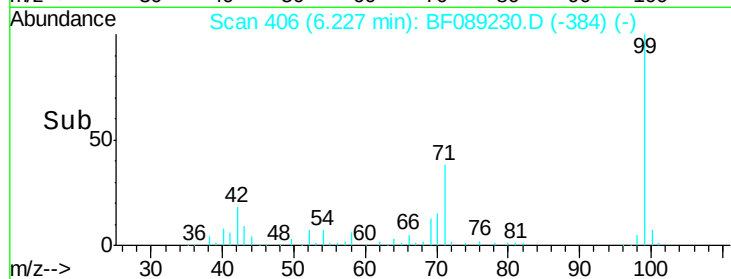
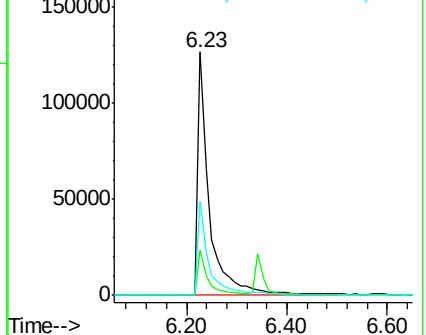
71 38.3 28.9 43.3



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: 2.87 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF089230.D

Acq: 23 Jul 2016 11:27

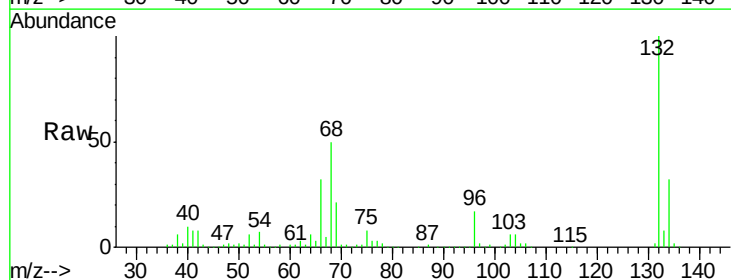
Tgt Ion: 77 Resp: 8151

Ion Ratio Lower Upper

77 100

105 79.0 86.2 126.2#

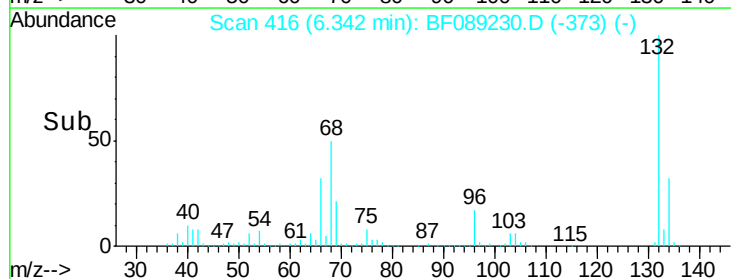
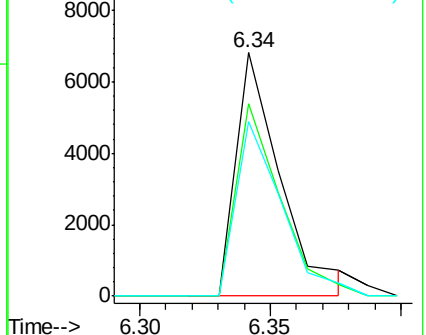
106 71.8 76.3 116.3#

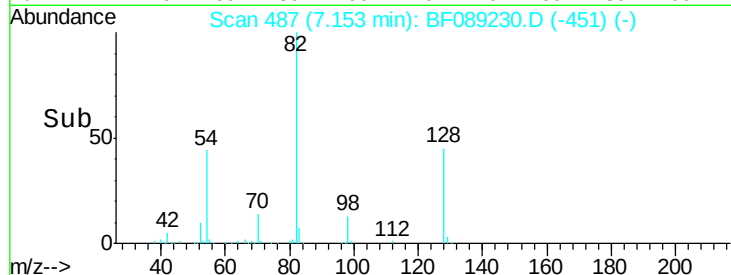
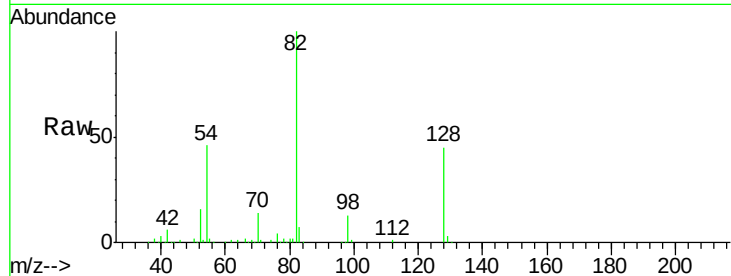
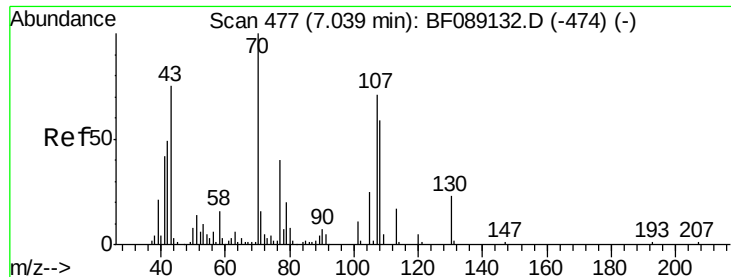


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

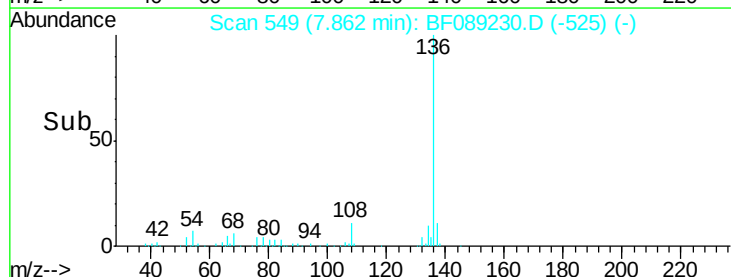
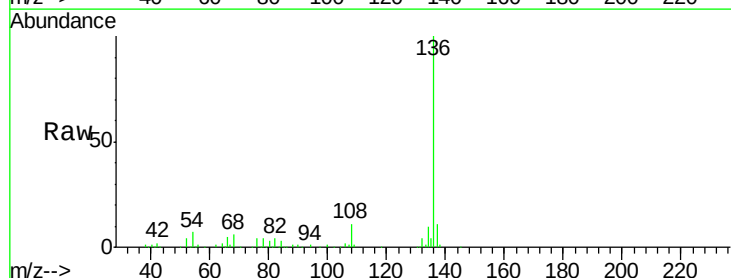
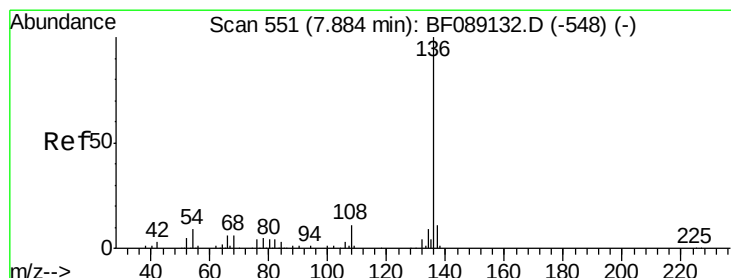
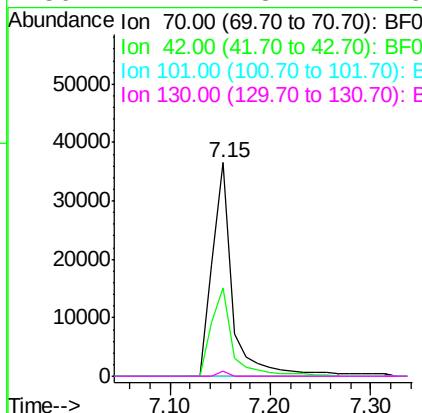




#19
n-Nitroso-di-n-propylamine
Concen: 19.60 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089230.D
Acq: 23 Jul 2016 11:27

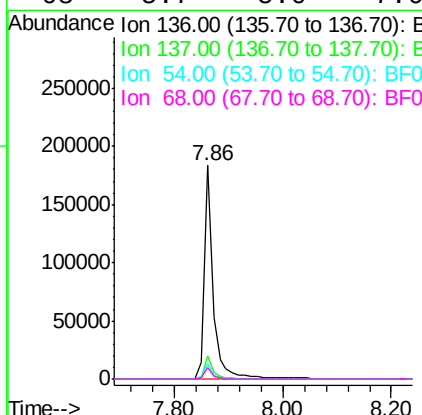
Instrument :
BNA_F
ClientSampleId :
GW-04-5.5-13.0

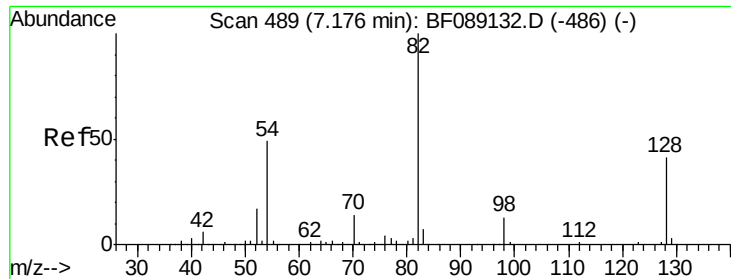
Tgt Ion: 70 Resp: 50675
Ion Ratio Lower Upper
70 100
42 41.3 39.2 58.8
101 0.0 8.5 12.7#
130 2.1 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089230.D
Acq: 23 Jul 2016 11:27

Tgt Ion: 136 Resp: 207520
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

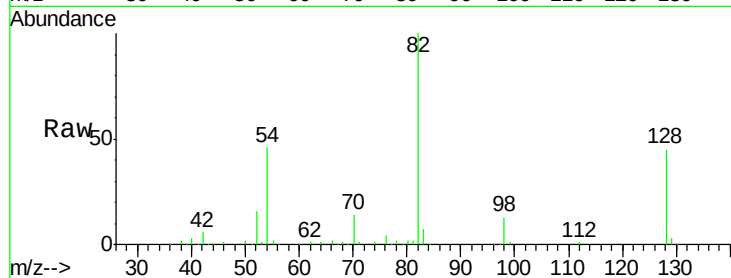




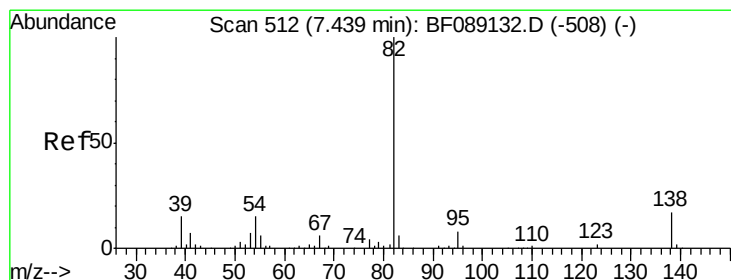
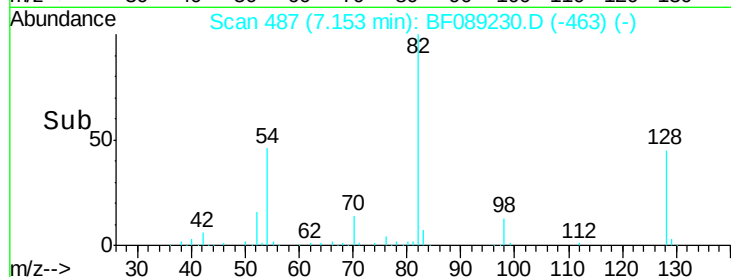
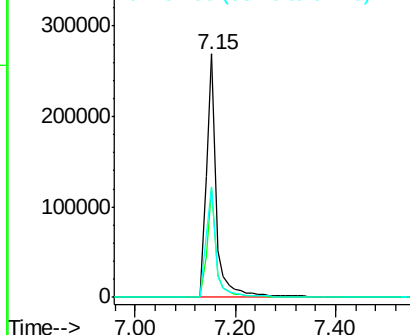
#23
 Nitrobenzene-d5
 Concen: 95.34 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089230.D
 Acq: 23 Jul 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-04-5.5-13.0

Tgt Ion: 82 Resp: 372346
 Ion Ratio Lower Upper
 82 100
 128 44.7 33.0 49.6
 54 45.5 39.0 58.4

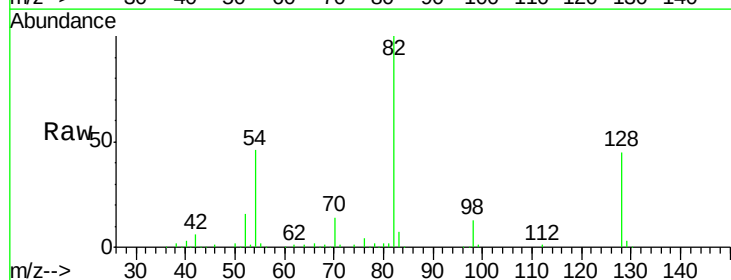


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

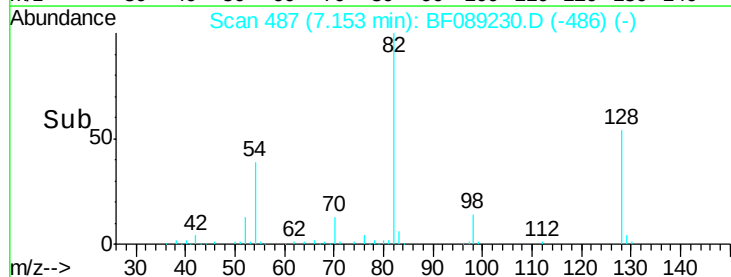
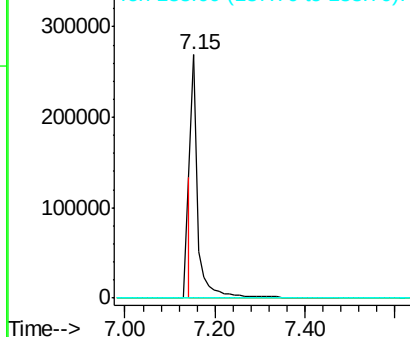


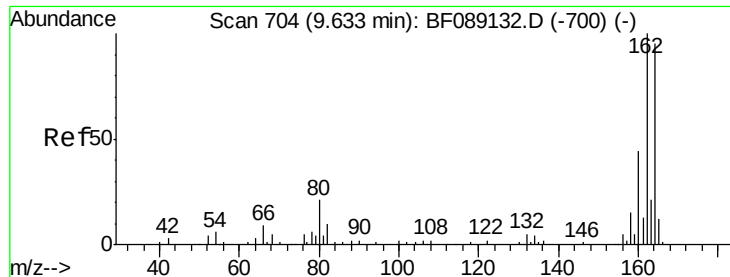
#25
 Isophorone
 Concen: 37.88 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.29 min
 Lab File: BF089230.D
 Acq: 23 Jul 2016 11:27

Tgt Ion: 82 Resp: 272704
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.6 20.4#



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

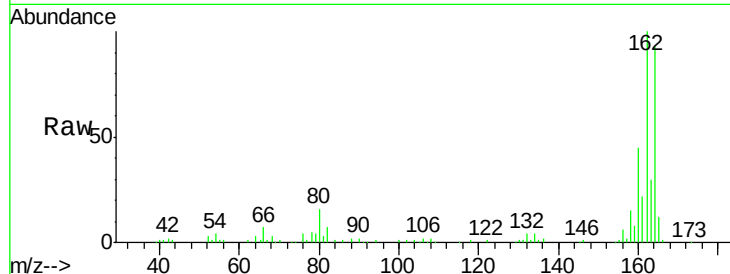




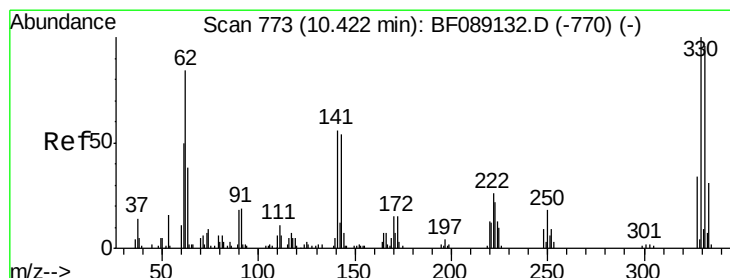
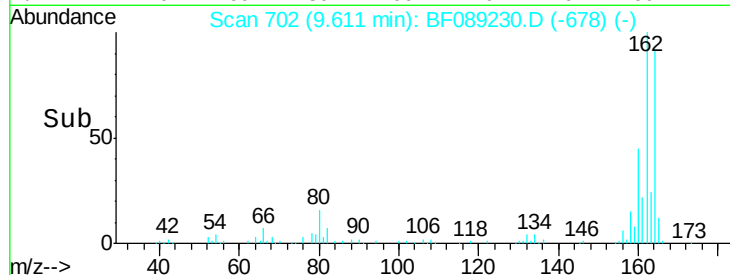
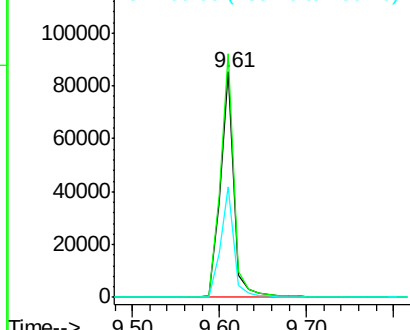
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089230.D
Acq: 23 Jul 2016 11:27

Instrument :
BNA_F
ClientSampleId :
GW-04-5.5-13.0

Tgt Ion:164 Resp: 95133
Ion Ratio Lower Upper
164 100
162 108.0 84.1 126.1
160 48.8 37.1 55.7

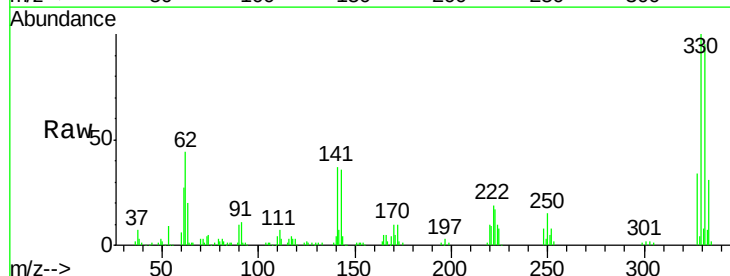


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

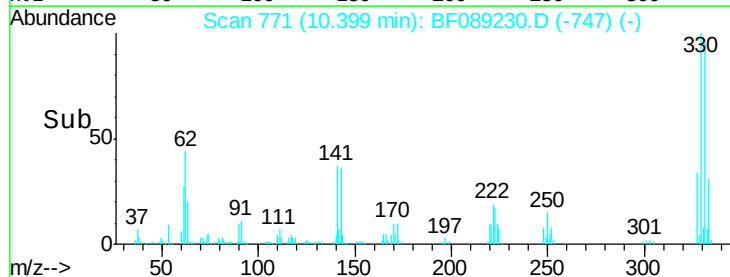
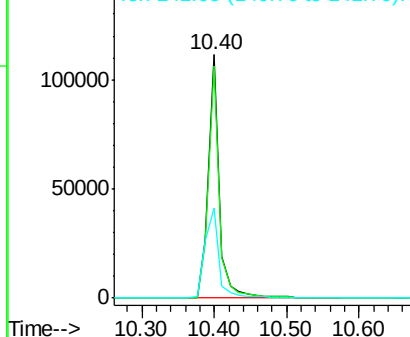


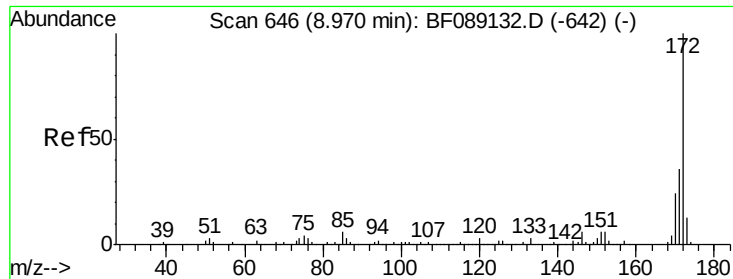
#41
2,4,6-Tribromophenol
Concen: 138.75 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089230.D
Acq: 23 Jul 2016 11:27

Tgt Ion:330 Resp: 118838
Ion Ratio Lower Upper
330 100
332 95.1 77.2 115.8
141 46.2 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

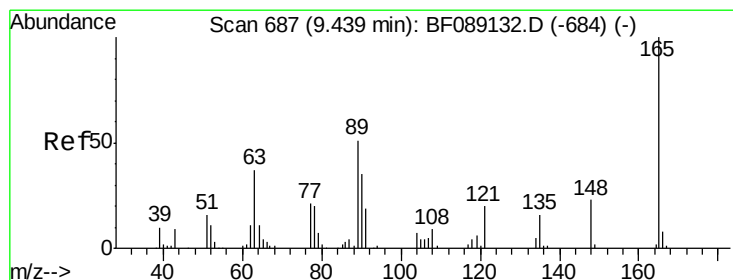
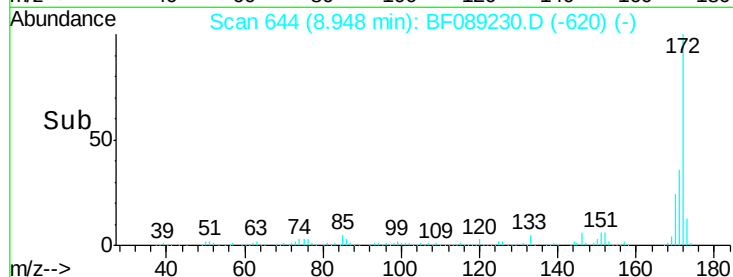
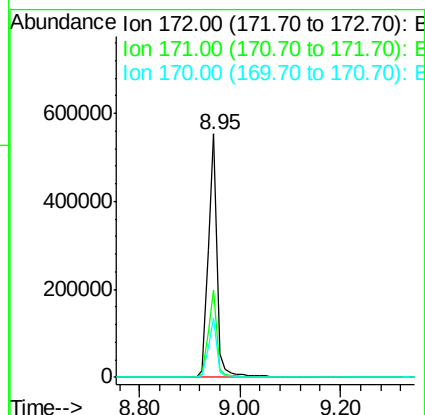
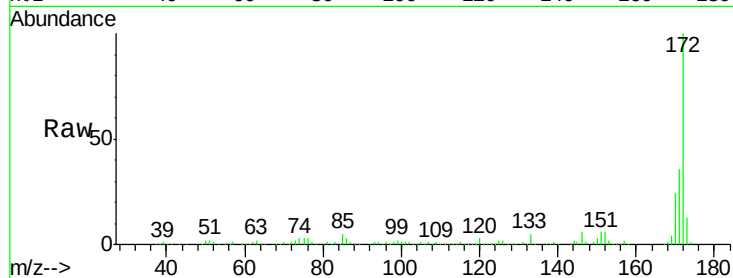




#44
 2-Fluorobiphenyl
 Concen: 97.26 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089230.D
 Acq: 23 Jul 2016 11:27

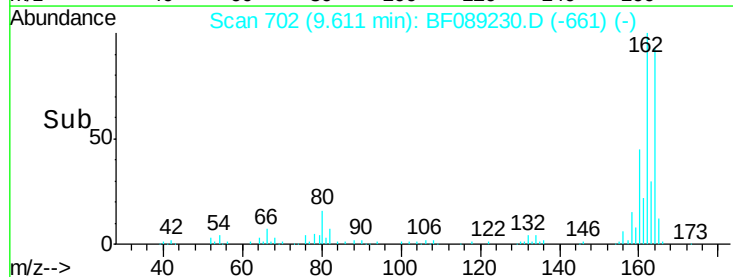
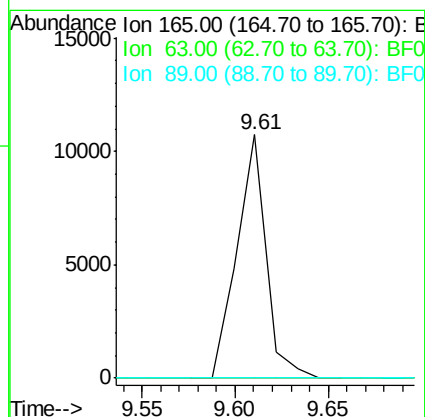
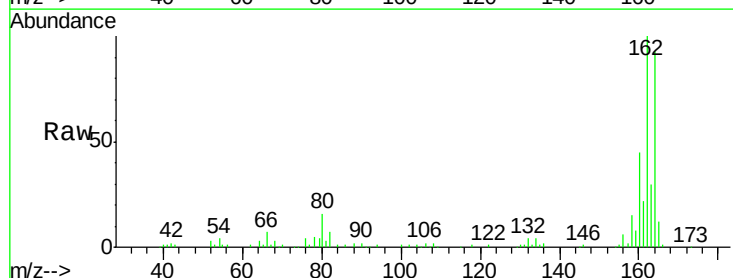
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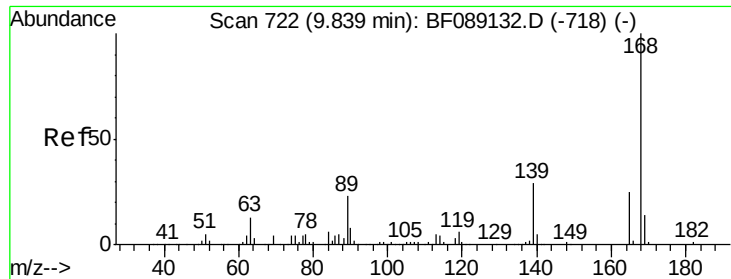
Tgt Ion:172 Resp: 671513
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 24.1 19.1 28.7



#50
 2,6-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF089230.D
 Acq: 23 Jul 2016 11:27

Tgt Ion:165 Resp: 11751
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.0 55.4#
 89 0.0 40.9 61.3#

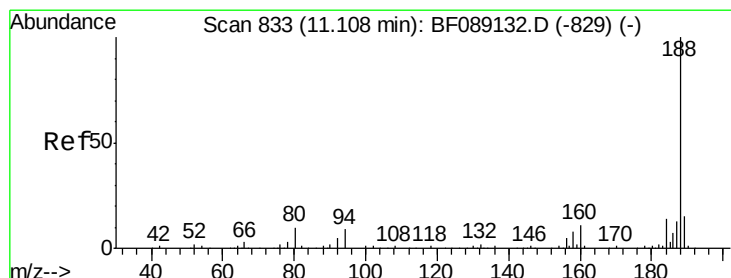
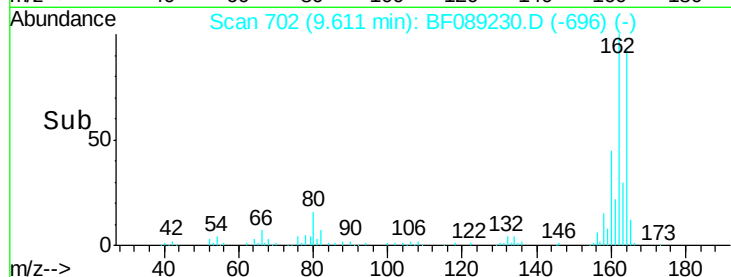
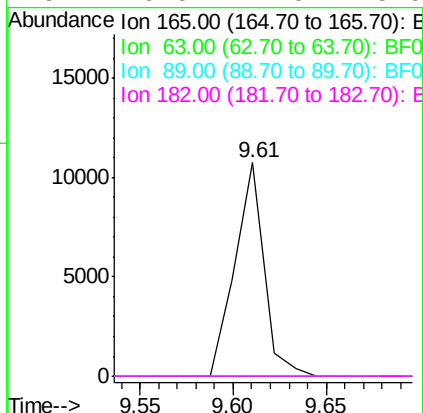
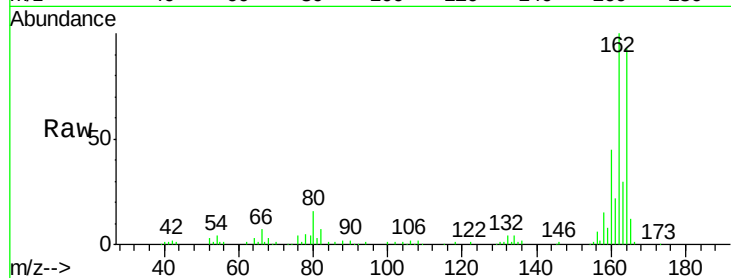




#56
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089230.D
Acq: 23 Jul 2016 11:27

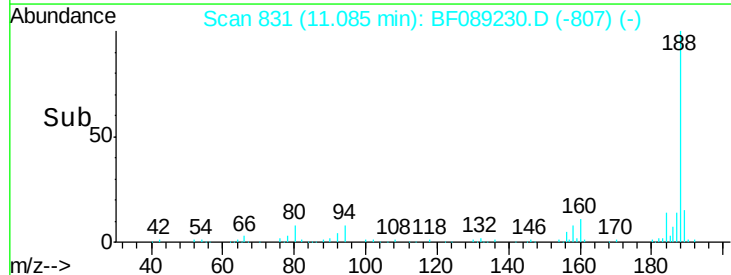
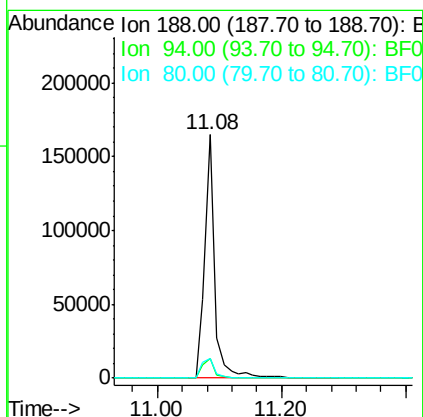
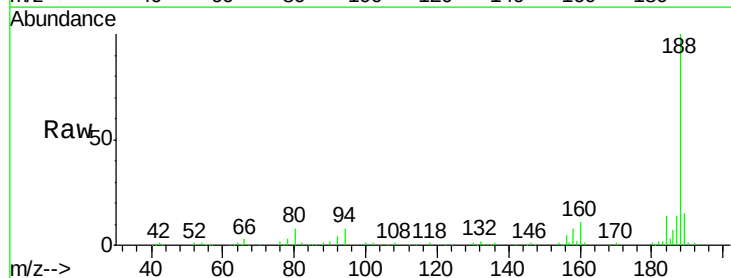
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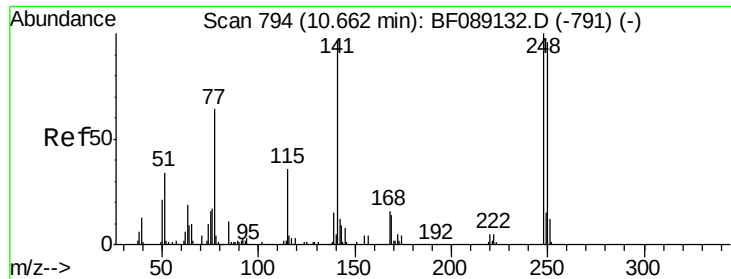
Tgt Ion:165 Resp: 11751
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.2#
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089230.D
Acq: 23 Jul 2016 11:27

Tgt Ion:188 Resp: 188098
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.0 7.7 11.5





#66

4-Bromophenyl-phenylether

Concen: 4.77 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.26 min

Lab File: BF089230.D

Acq: 23 Jul 2016 11:27

Instrument :

BNA_F

ClientSampleId :

GW-04-5.5-13.0

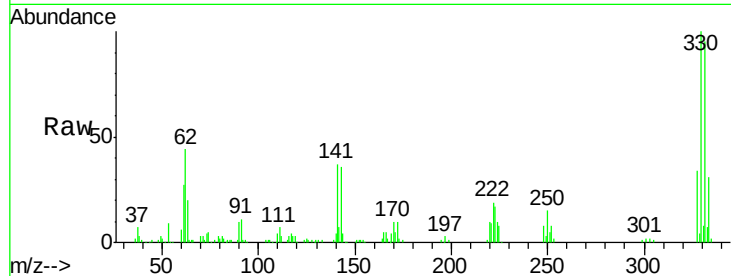
Tgt Ion:248 Resp: 8885

Ion Ratio Lower Upper

248 100

250 199.9 76.9 115.3#

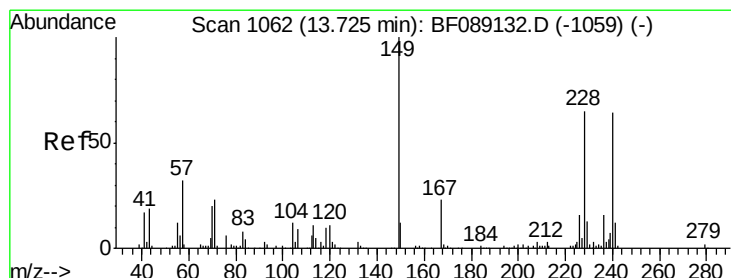
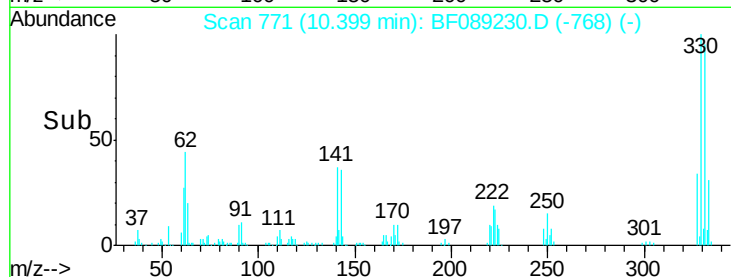
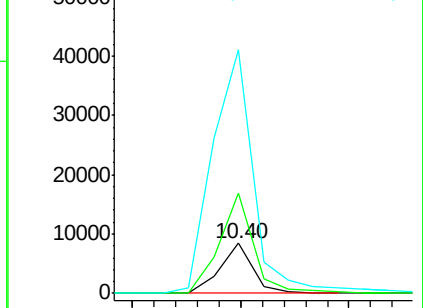
141 486.9 77.4 116.2#



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: BF089230.D

Acq: 23 Jul 2016 11:27

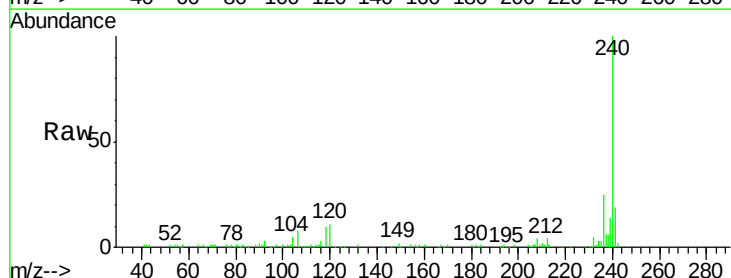
Tgt Ion:240 Resp: 136568

Ion Ratio Lower Upper

240 100

120 11.1 13.6 20.4#

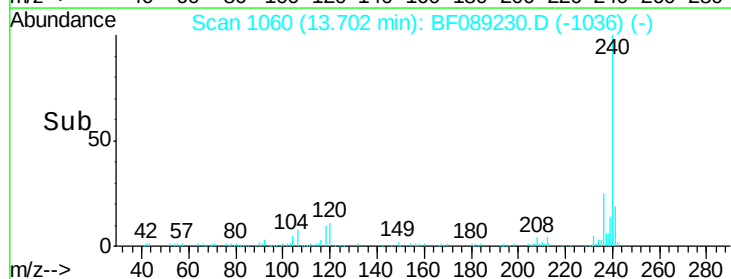
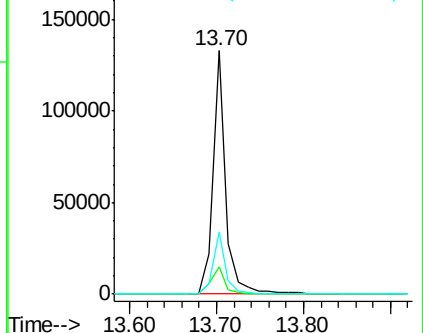
236 25.2 20.5 30.7

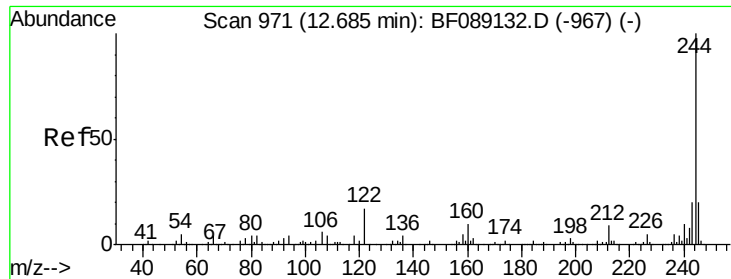


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

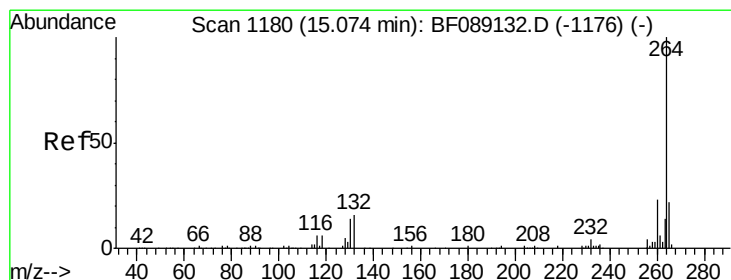
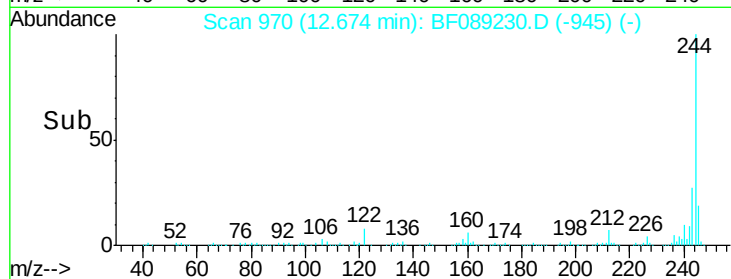
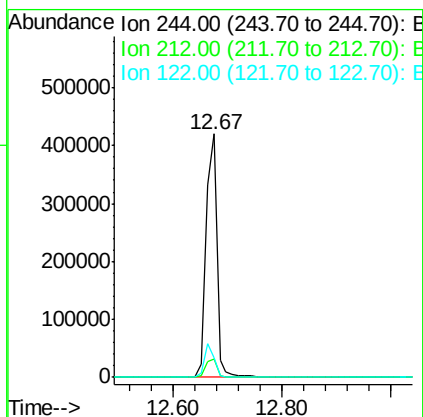
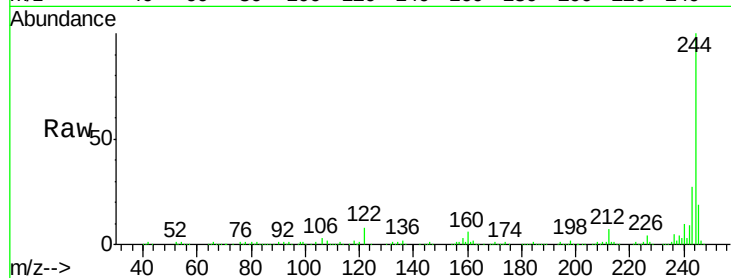




#78
 Terphenyl-d14
 Concen: 91.41 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089230.D
 Acq: 23 Jul 2016 11:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-04-5.5-13.0

Tgt Ion:244 Resp: 575529
 Ion Ratio Lower Upper
 244 100
 212 7.3 7.0 10.4
 122 8.0 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: BF089230.D
 Acq: 23 Jul 2016 11:27

Tgt Ion:264 Resp: 95397
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.4 17.3 25.9

