

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089231.D
 Acq On : 23 Jul 2016 11:58
 Operator : UM/SJ
 Sample : H4120-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0

Quant Time: Jul 25 01:07:02 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

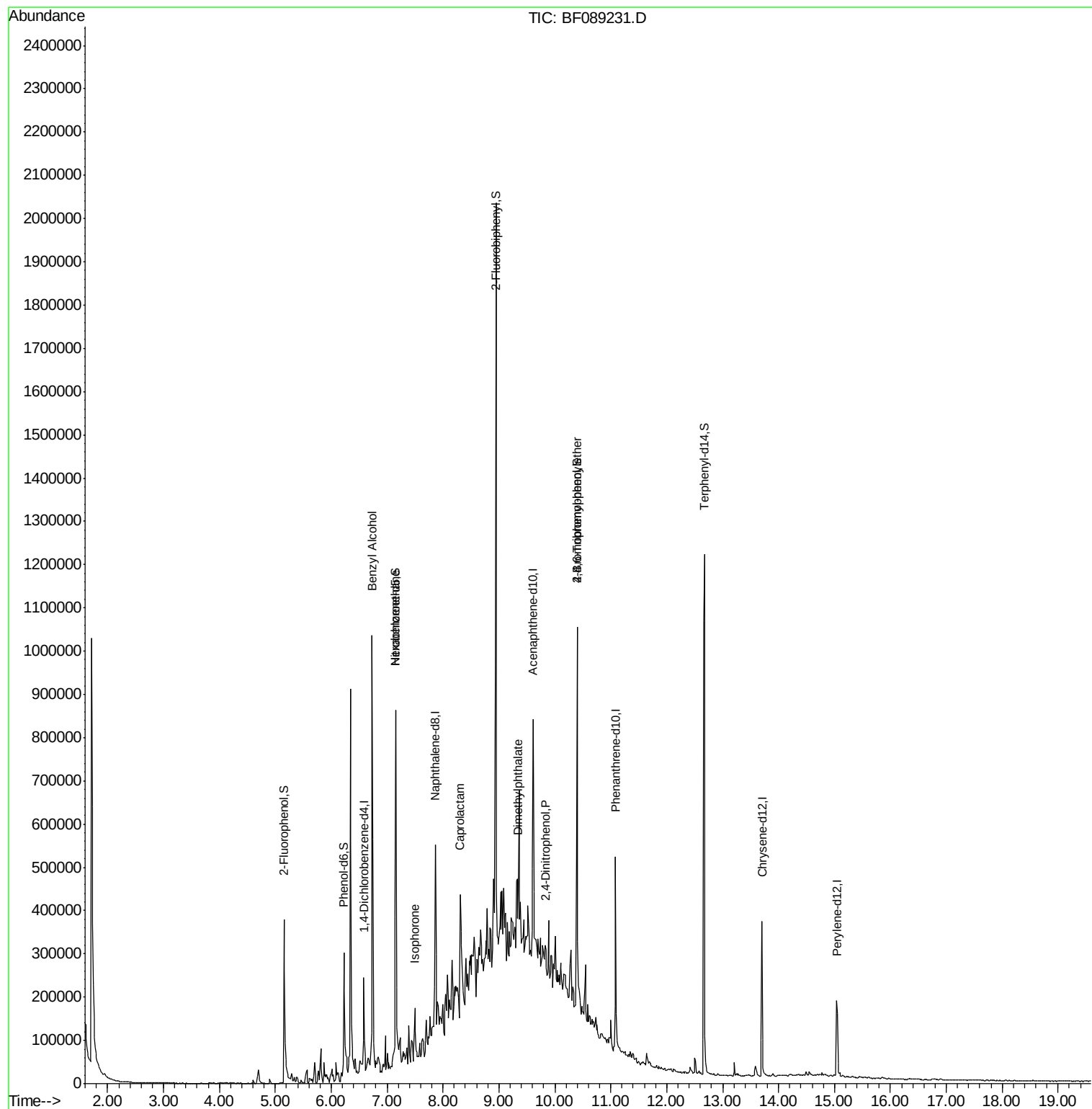
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46744	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	196479	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	96443	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	187493	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	132857	20.00	ng	-0.02
86) Perylene-d12	15.04	264	96186	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	199720	64.98	ng	-0.03
7) Phenol-d6	6.23	99	177072	44.68	ng	-0.05
23) Nitrobenzene-d5	7.15	82	386426	104.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	107216	123.48	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	644601	92.09	ng	-0.02
78) Terphenyl-d14	12.67	244	548835	89.60	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.73	79	6640	2.29	ng	# 49
18) Hexachloroethane	7.15	117	5314	3.73	ng	# 15
25) Isophorone	7.50	82	14459	2.12	ng	# 26
35) Caprolactam	8.31	113	8198	9.56	ng	# 1
49) Dimethylphthalate	9.35	163	31260	4.22	ng	# 96
53) 2,4-Dinitrophenol	9.83	184	309	8.86	ng	# 11
66) 4-Bromophenyl-phenylether	10.40	248	8409	4.53	ng	# 1

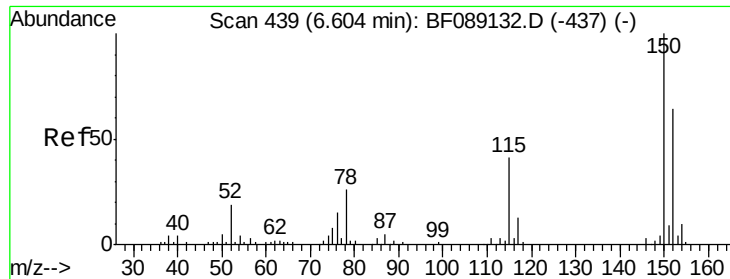
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jul 25 01:07:02 2016
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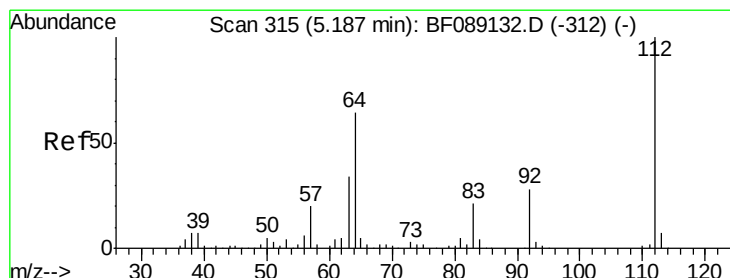
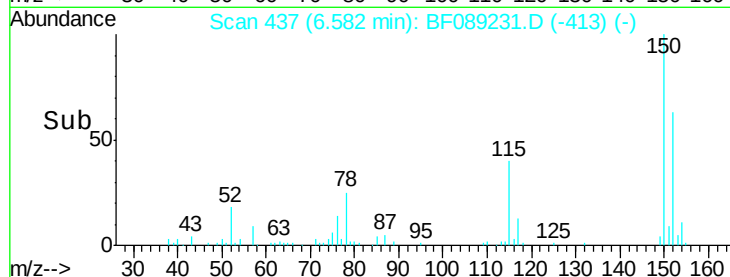
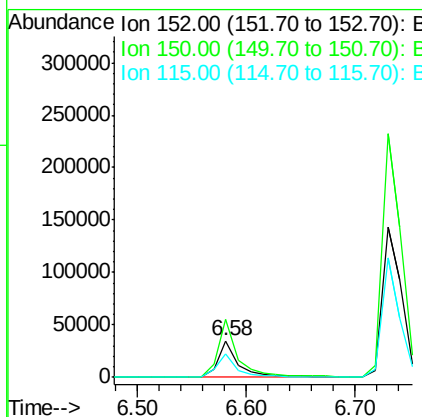
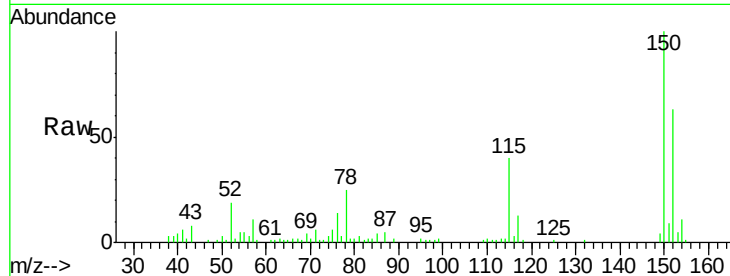




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

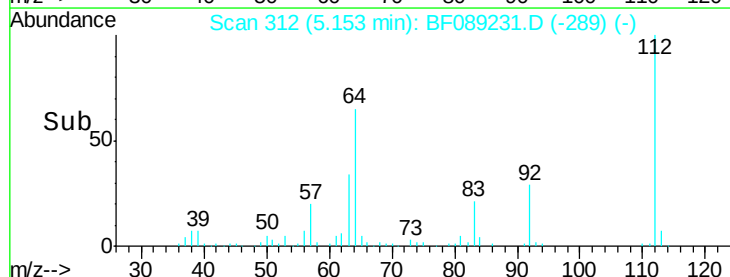
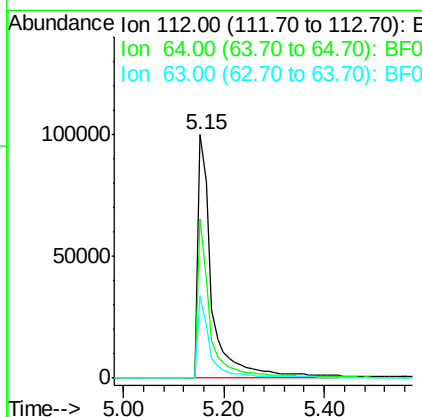
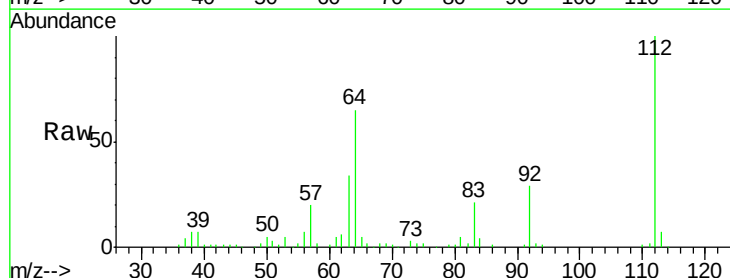
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0

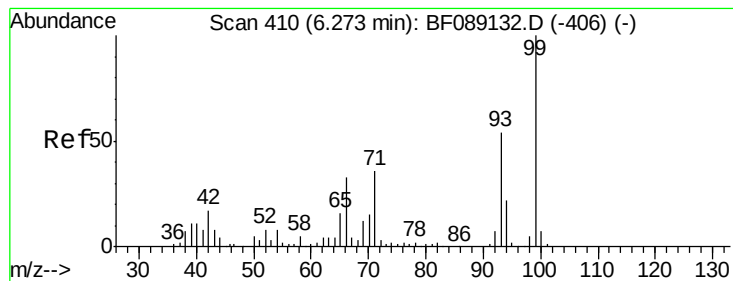
Tgt Ion:152 Resp: 46744
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.1 187.7
 115 63.5 51.1 76.7



#5
 2-Fluorophenol
 Concen: 64.98 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.03 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

Tgt Ion:112 Resp: 199720
 Ion Ratio Lower Upper
 112 100
 64 65.1 51.0 76.4
 63 34.0 27.3 40.9





#7

Phenol-d6

Concen: 44.68 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0

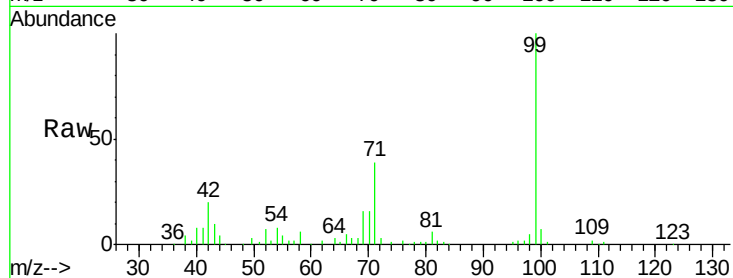
Tgt Ion: 99 Resp: 177072

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

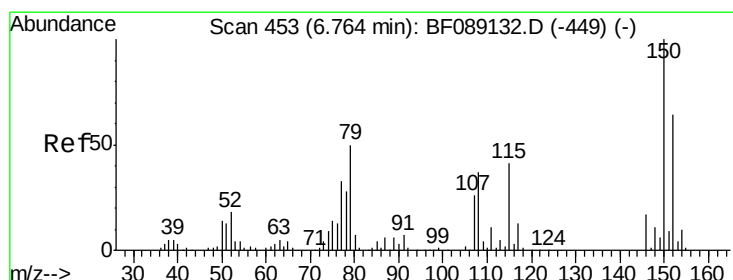
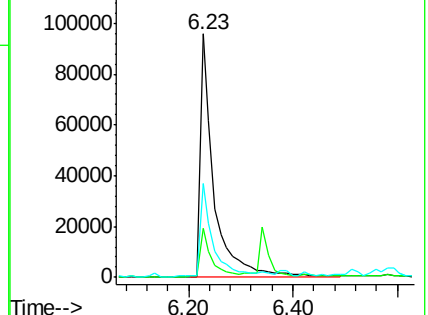
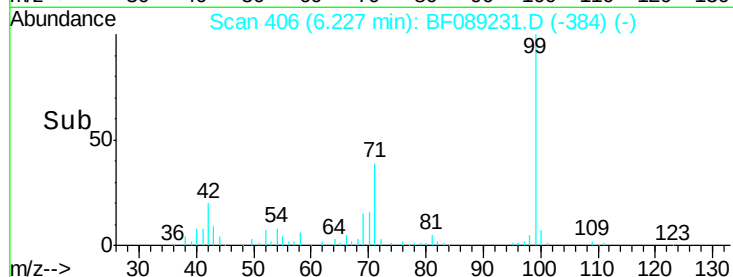
71 38.7 28.9 43.3



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



#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

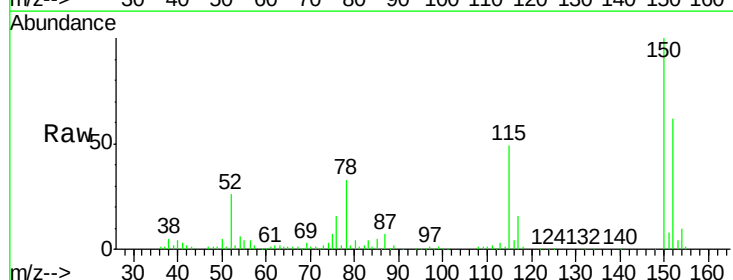
Tgt Ion: 79 Resp: 6640

Ion Ratio Lower Upper

79 100

108 25.3 58.2 87.4#

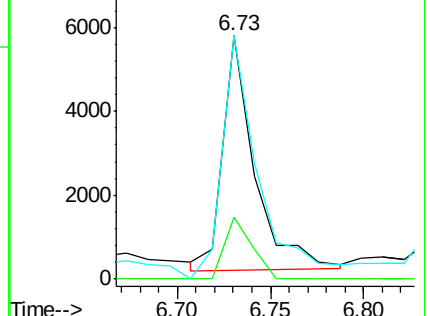
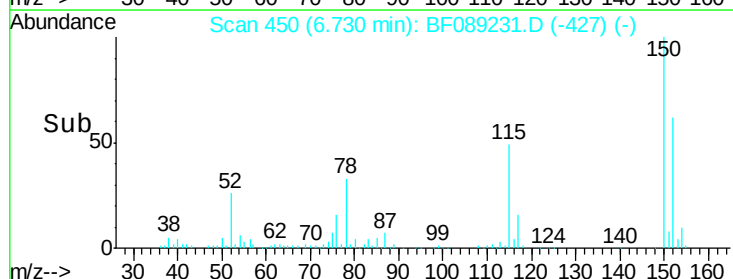
77 99.9 52.2 78.4#

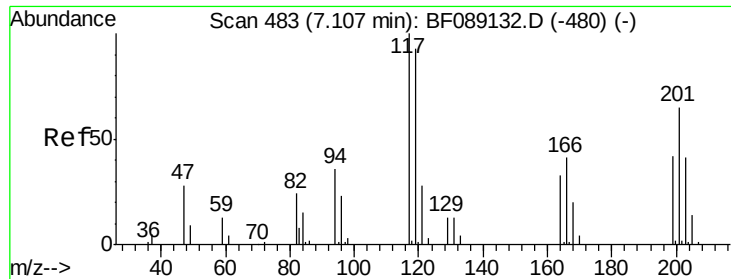


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

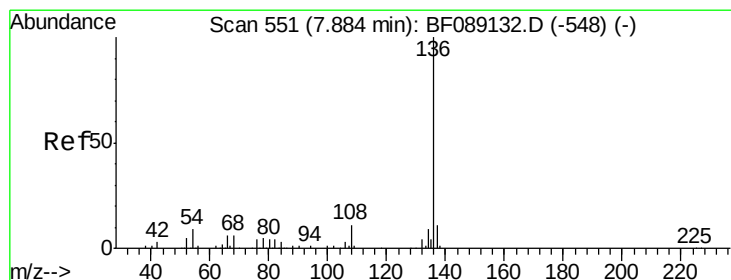
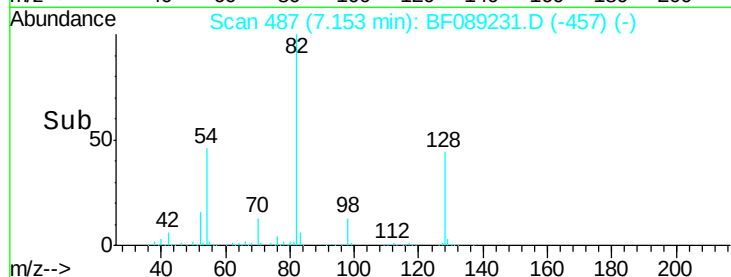
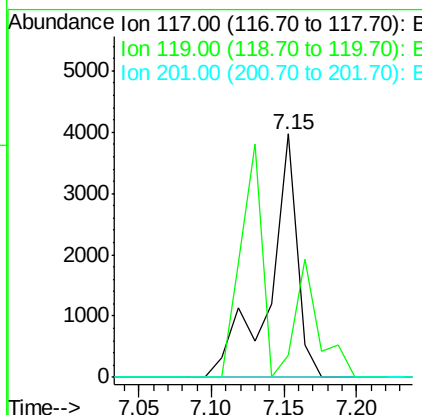
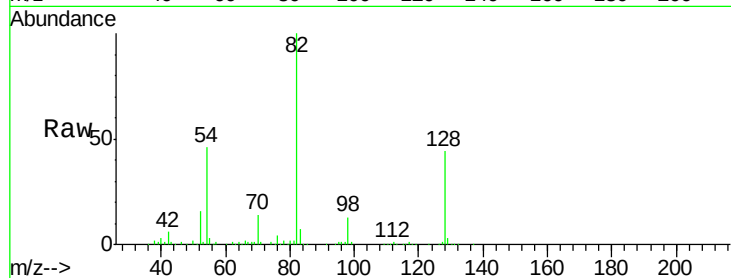




#18
Hexachloroethane
Concen: 3.73 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.05 min
Lab File: BF089231.D
Acq: 23 Jul 2016 11:58

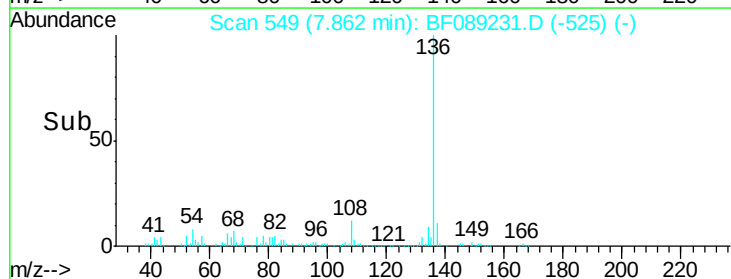
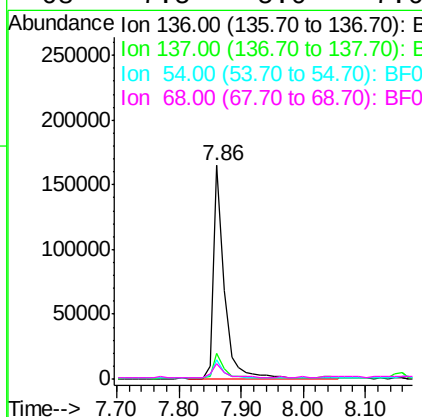
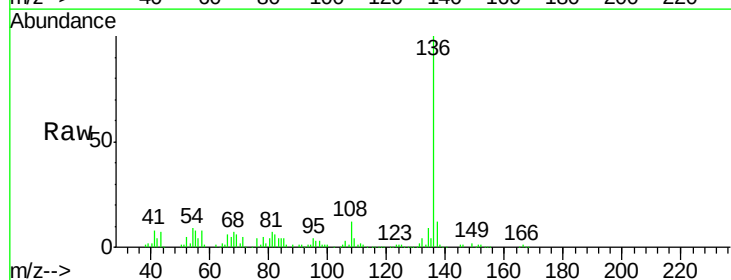
Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0

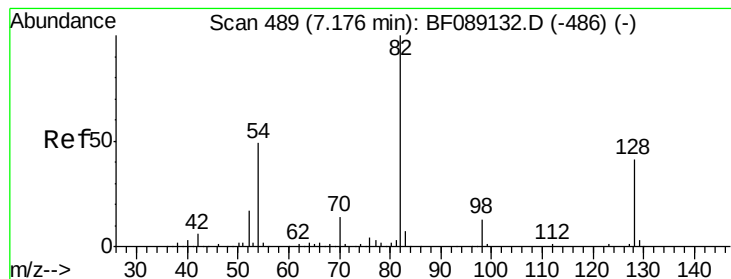
Tgt Ion:117 Resp: 5314
Ion Ratio Lower Upper
117 100
119 9.3 74.5 111.7#
201 0.0 51.8 77.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089231.D
Acq: 23 Jul 2016 11:58

Tgt Ion:136 Resp: 196479
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 8.9 7.0 10.4
68 7.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 104.50 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0

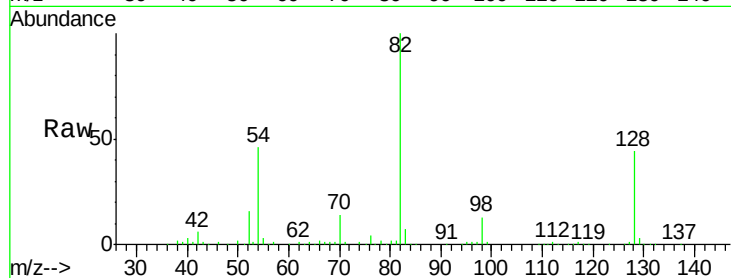
Tgt Ion: 82 Resp: 386426

Ion Ratio Lower Upper

82 100

128 43.6 33.0 49.6

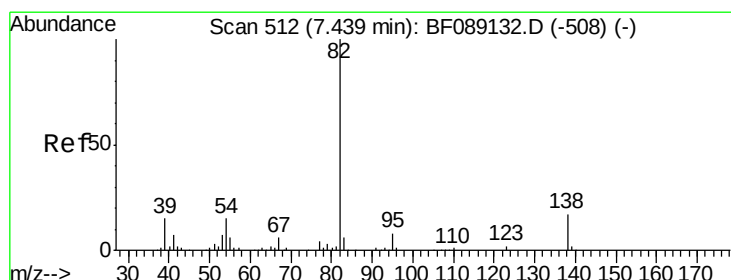
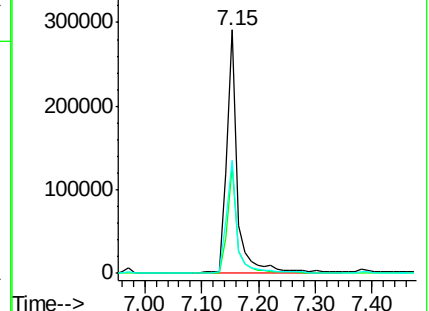
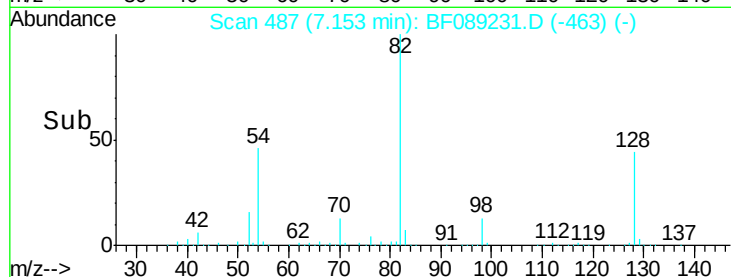
54 46.2 39.0 58.4



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: 2.12 ng

RT: 7.50 min Scan# 517

Delta R.T. 0.06 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

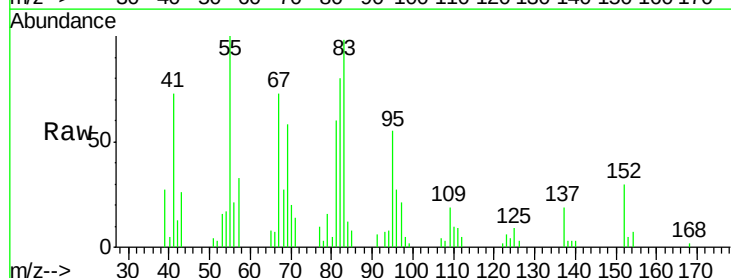
Tgt Ion: 82 Resp: 14459

Ion Ratio Lower Upper

82 100

95 68.2 6.1 9.1#

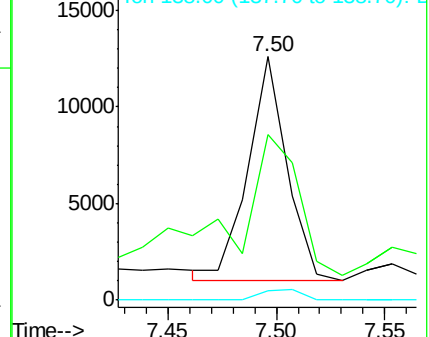
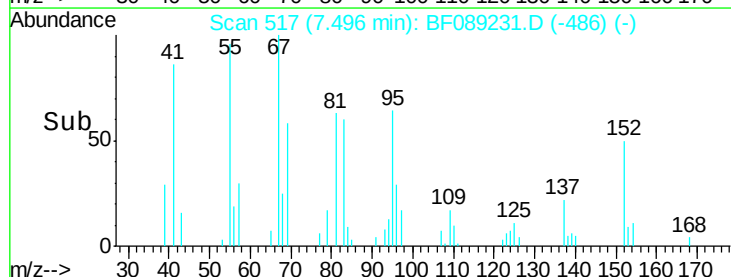
138 4.0 13.6 20.4#

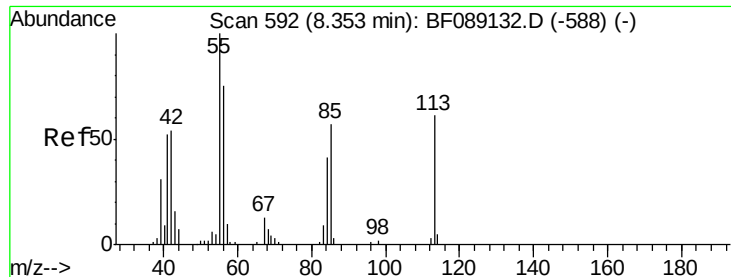


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

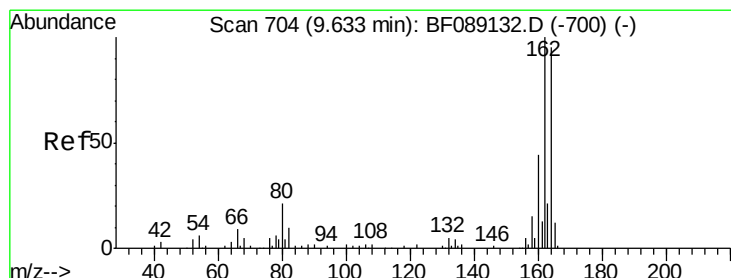
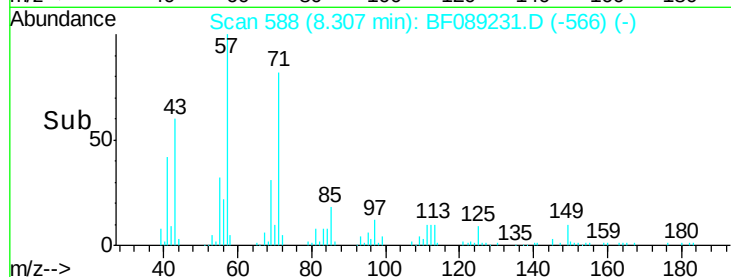
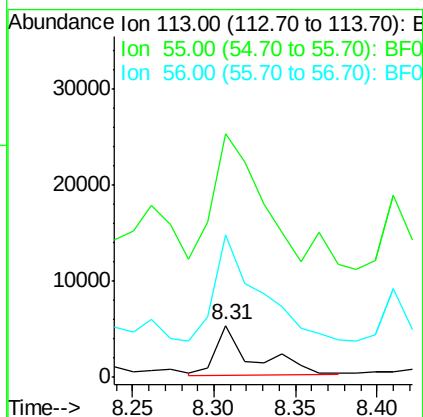
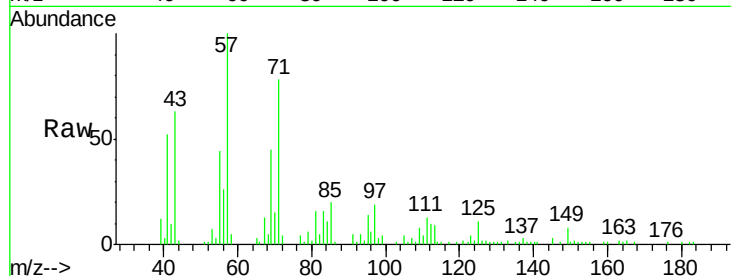




#35
 Caprolactam
 Concen: 9.56 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

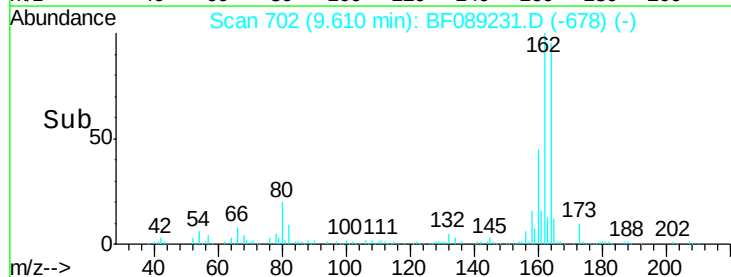
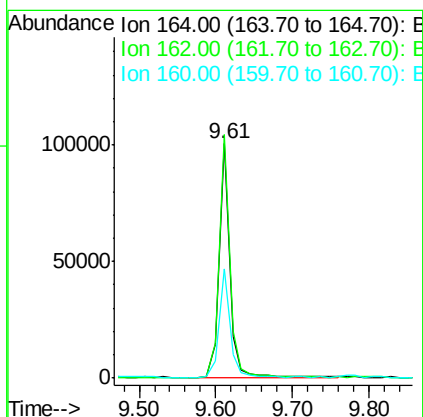
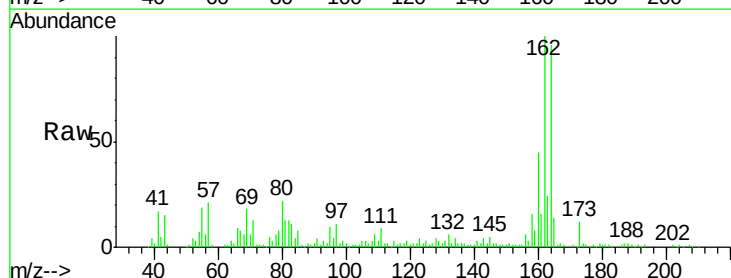
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0

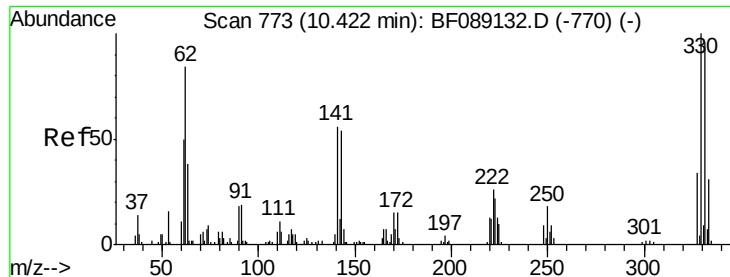
Tgt Ion:113 Resp: 8198
 Ion Ratio Lower Upper
 113 100
 55 471.2 145.3 185.3#
 56 275.8 104.3 144.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

Tgt Ion:164 Resp: 96443
 Ion Ratio Lower Upper
 164 100
 162 103.9 84.1 126.1
 160 46.5 37.1 55.7

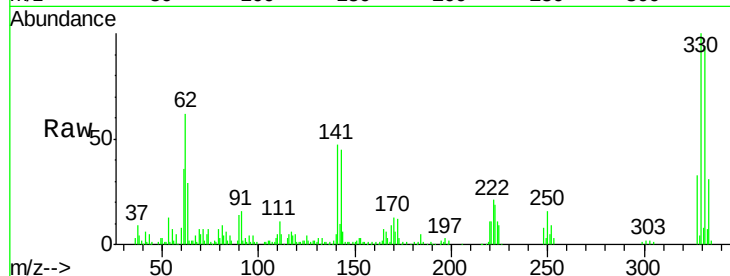




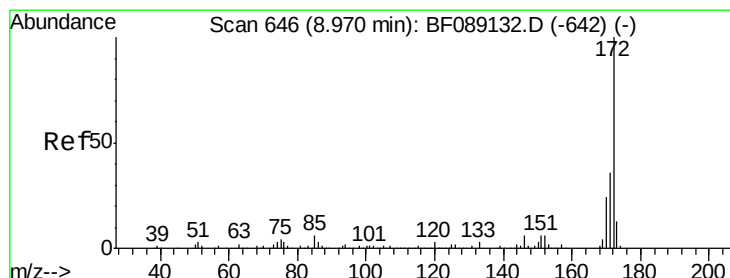
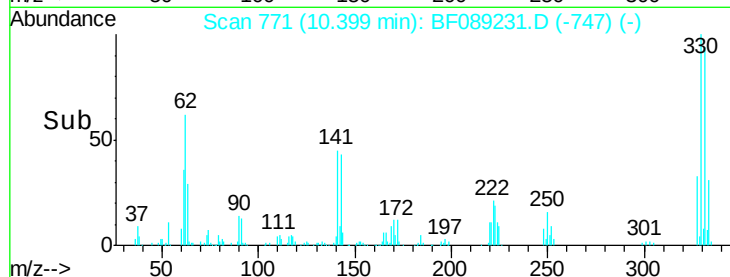
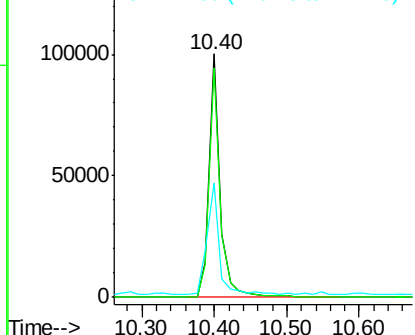
#41
 2,4,6-Tribromophenol
 Concen: 123.48 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0

Tgt Ion:330 Resp: 107216
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.2 115.8
 141 49.4 42.2 63.2

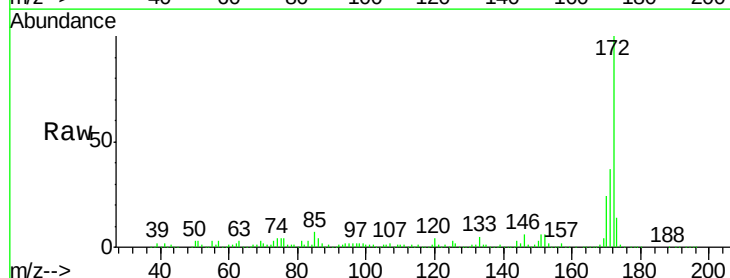


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

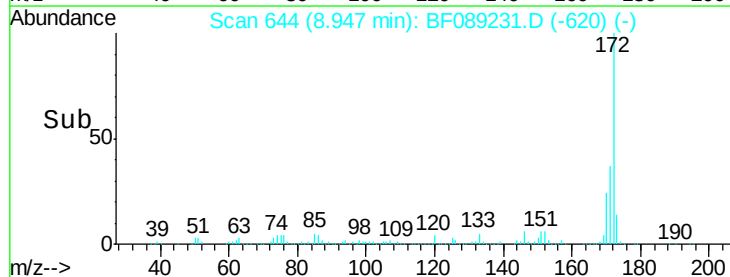
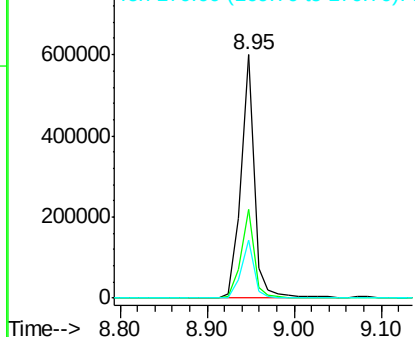


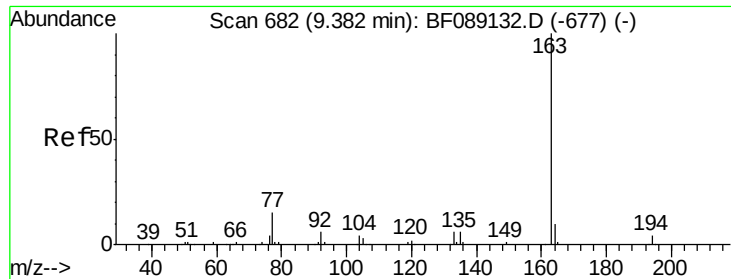
#44
 2-Fluorobiphenyl
 Concen: 92.09 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089231.D
 Acq: 23 Jul 2016 11:58

Tgt Ion:172 Resp: 644601
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 24.0 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

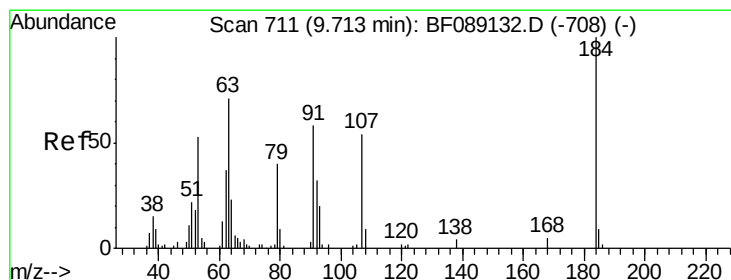
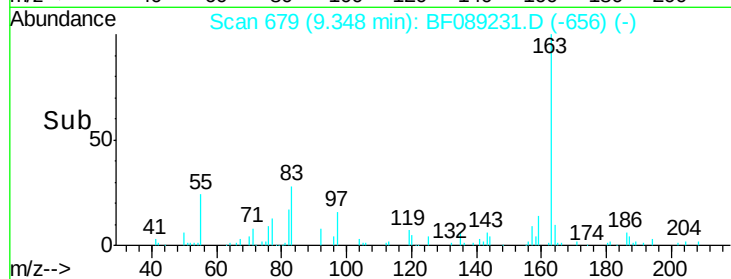
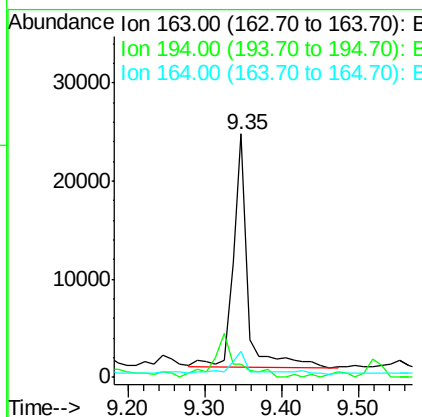
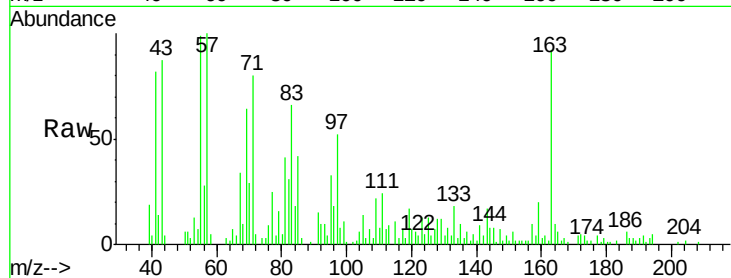




#49
Dimethylphthalate
Concen: 4.22 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089231.D
Acq: 23 Jul 2016 11:58

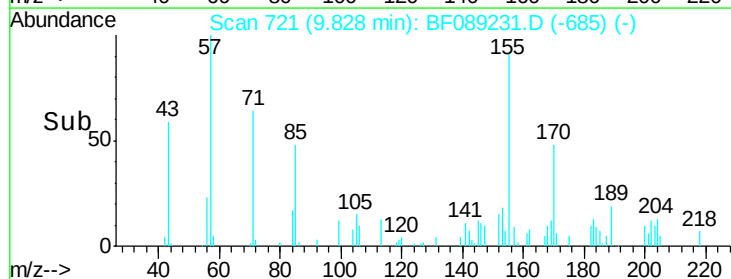
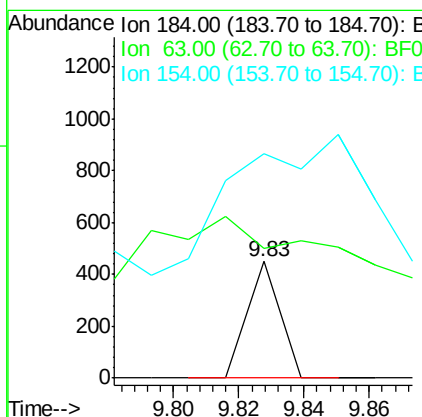
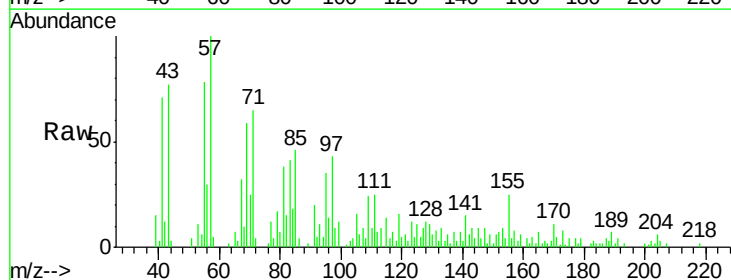
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ClientSampleId :
GW-05-5.0-16.0

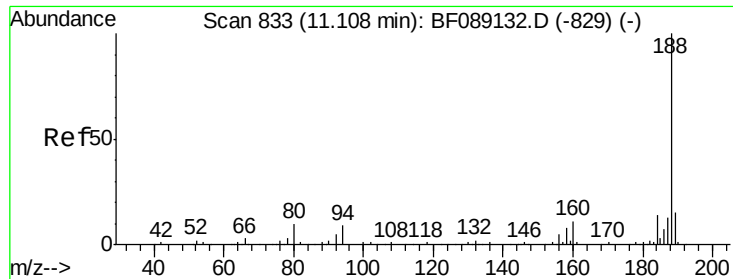
Tgt Ion:163 Resp: 31260
Ion Ratio Lower Upper
163 100
194 5.5 2.9 4.3#
164 10.7 7.6 11.4



#53
2,4-Dinitrophenol
Concen: 8.86 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.11 min
Lab File: BF089231.D
Acq: 23 Jul 2016 11:58

Tgt Ion:184 Resp: 309
Ion Ratio Lower Upper
184 100
63 110.7 60.3 90.5#
154 192.9 60.7 91.1#

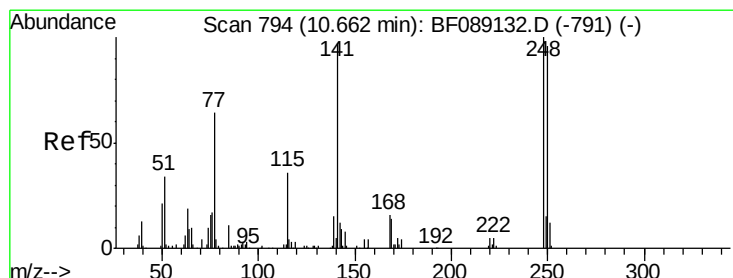
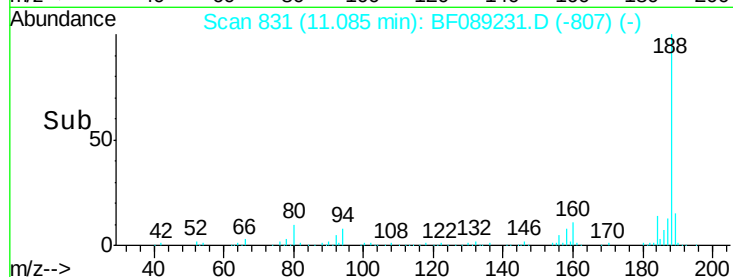
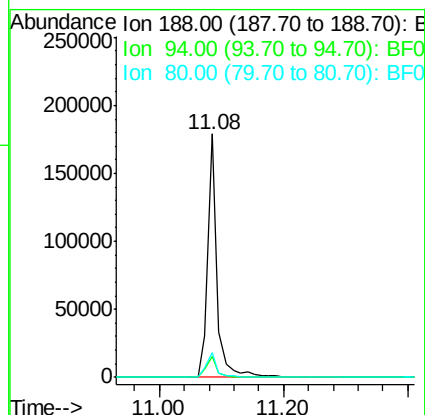
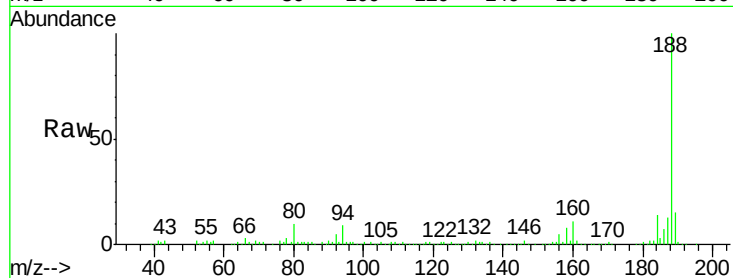




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089231.D
Acq: 23 Jul 2016 11:58

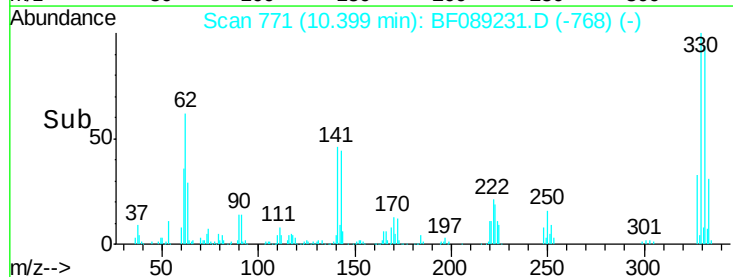
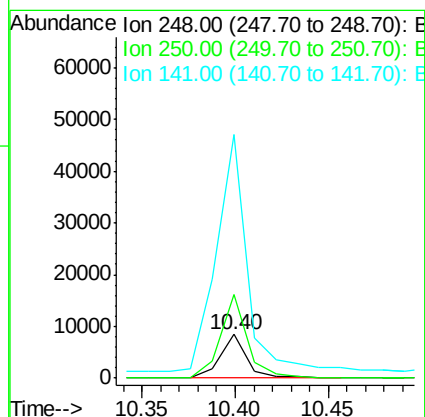
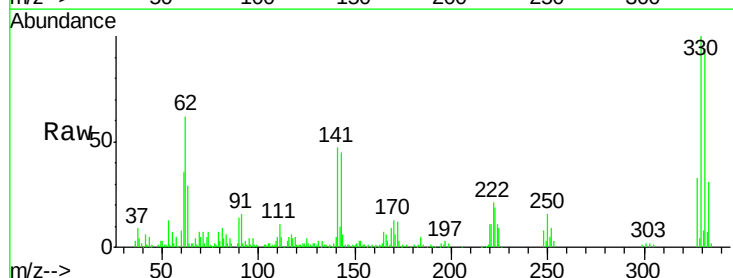
Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0

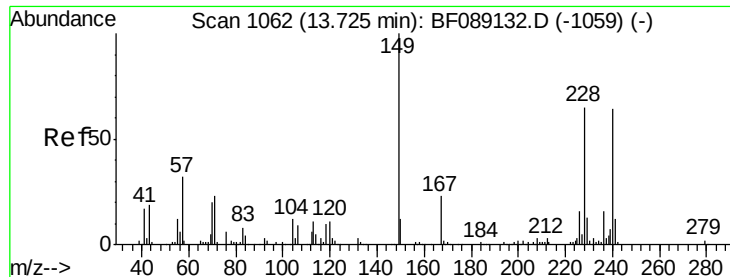
Tgt Ion:188 Resp: 187493
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.9 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.53 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089231.D
Acq: 23 Jul 2016 11:58

Tgt Ion:248 Resp: 8409
Ion Ratio Lower Upper
248 100
250 192.7 76.9 115.3#
141 561.9 77.4 116.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0

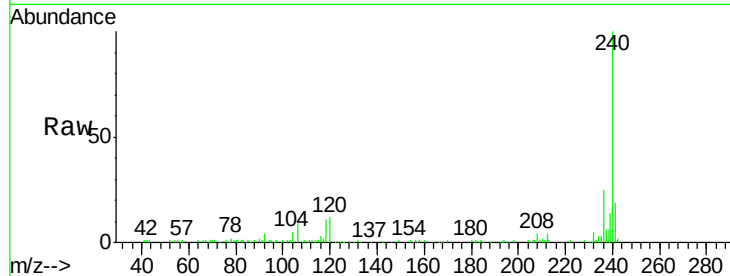
Tgt Ion:240 Resp: 132857

Ion Ratio Lower Upper

240 100

120 11.9 13.6 20.4#

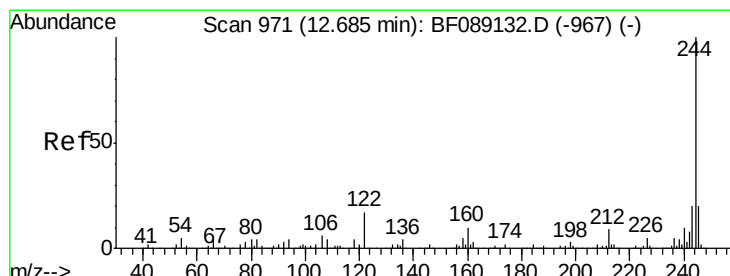
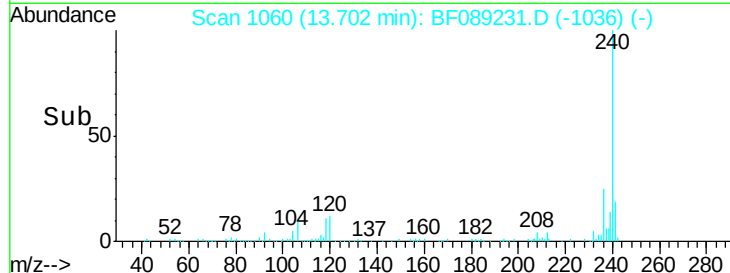
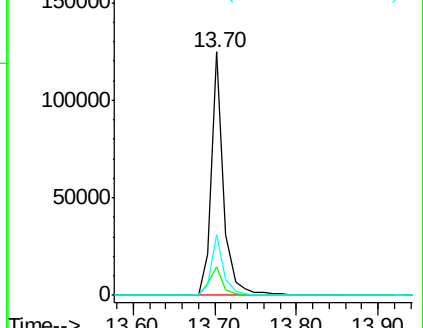
236 25.1 20.5 30.7



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: 89.60 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089231.D

Acq: 23 Jul 2016 11:58

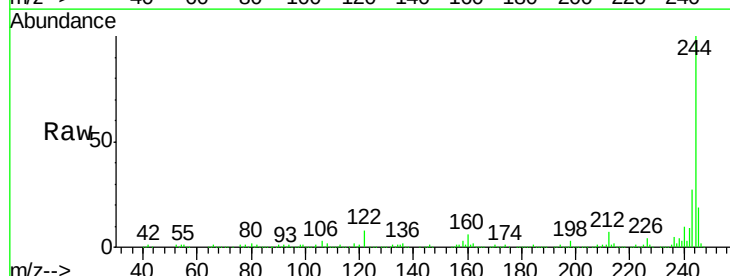
Tgt Ion:244 Resp: 548835

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

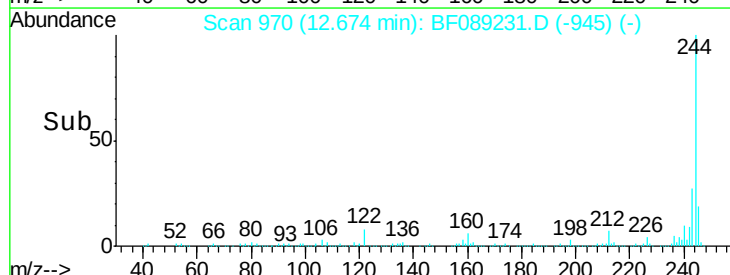
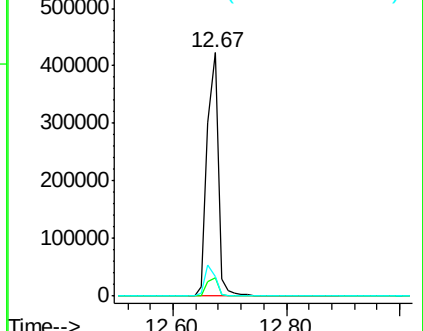
122 8.0 13.8 20.8#

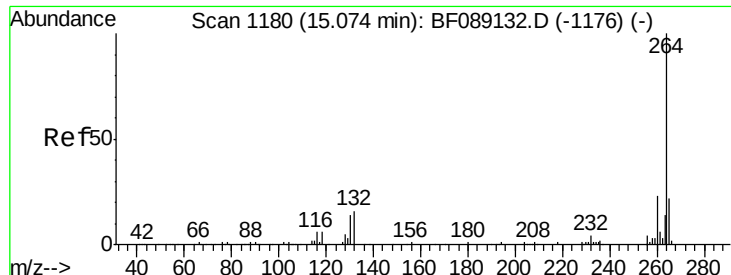


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.04 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF089231.D
Acq: 23 Jul 2016 11:58

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	21.9	17.3	25.9

