

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
 Data File : BG027840.D
 Acq On : 3 Jul 2017 20:13
 Operator : SJ/JU
 Sample : I3997-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW12-5-6-GRAB

Quant Time: Jul 04 07:27:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

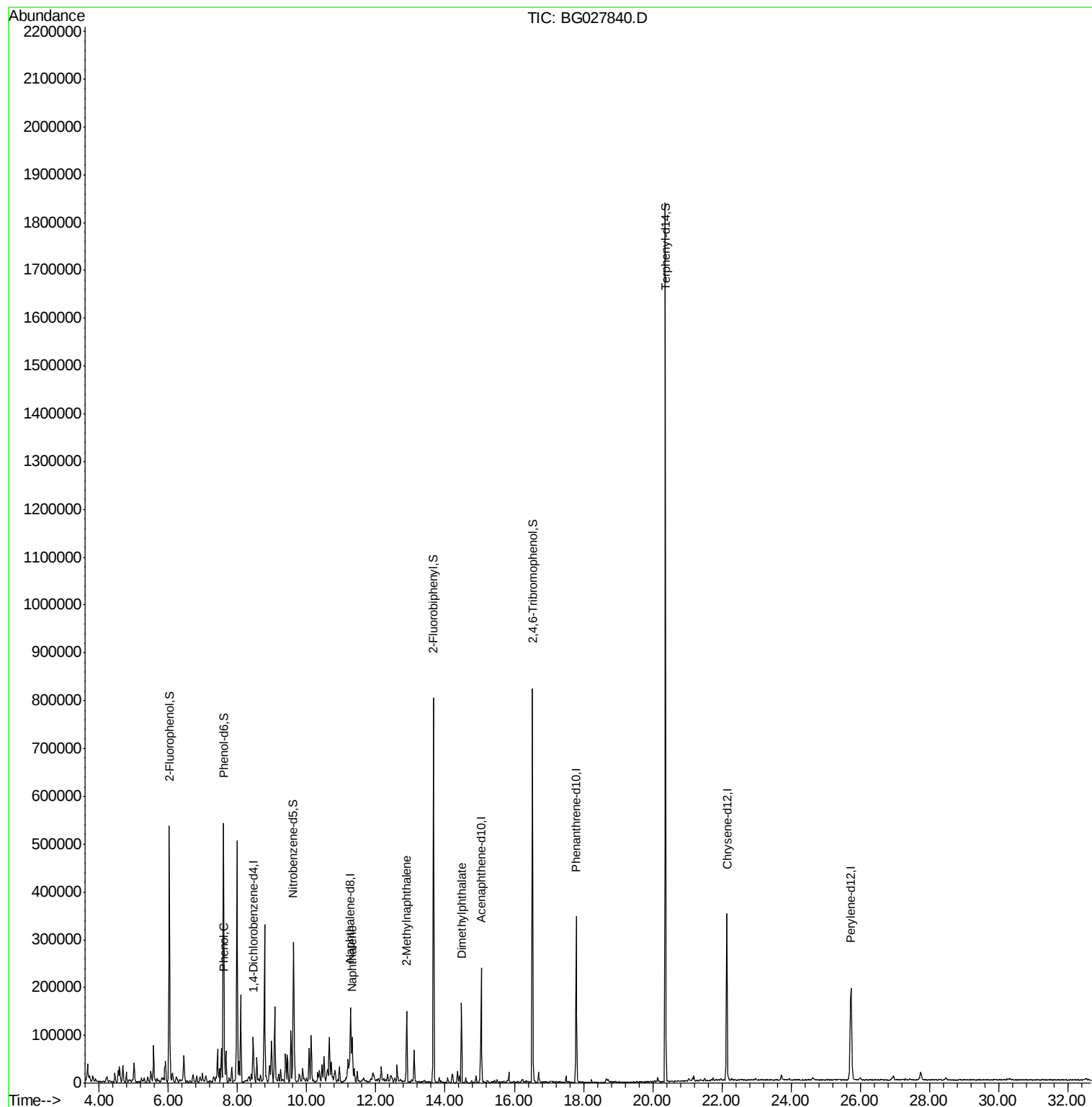
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	27042	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	128770	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	84048	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	223548	20.00	ng	-0.02
75) Chrysene-d12	22.15	240	241239	20.00	ng	-0.03
86) Perylene-d12	25.73	264	241473	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	221041	125.87	ng	-0.03
7) Phenol-d6	7.60	99	299680	111.71	ng	-0.02
23) Nitrobenzene-d5	9.62	82	169955	73.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	179199	155.45	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	438868	74.57	ng	-0.02
78) Terphenyl-d14	20.37	244	832347	80.89	ng	-0.02
Target Compounds						
10) Phenol	7.62	94	6281	2.366	ng	75
31) Naphthalene	11.32	128	60443	8.826	ng	96
37) 2-Methylnaphthalene	12.89	142	73048	14.322	ng	94
49) Dimethylphthalate	14.48	163	110956	15.475	ng	95

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

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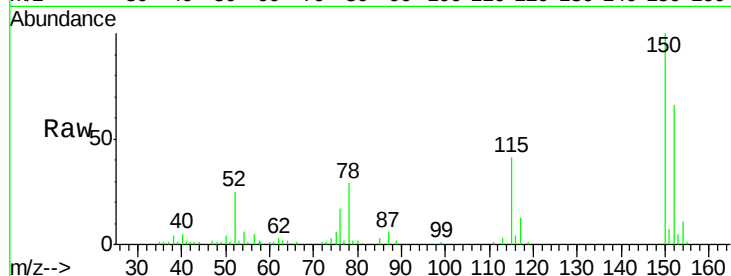


#1

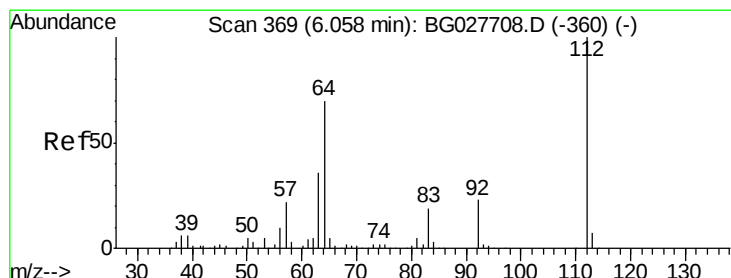
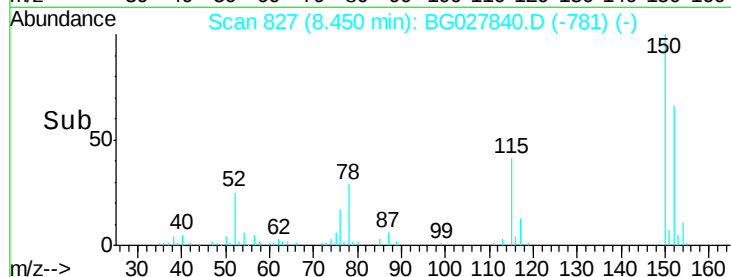
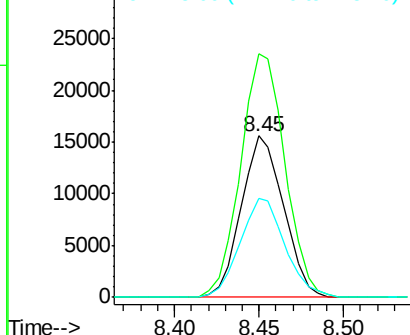
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:152 Resp: 27042
Ion Ratio Lower Upper
152 100
150 150.8 114.0 171.0
115 61.6 48.1 72.1



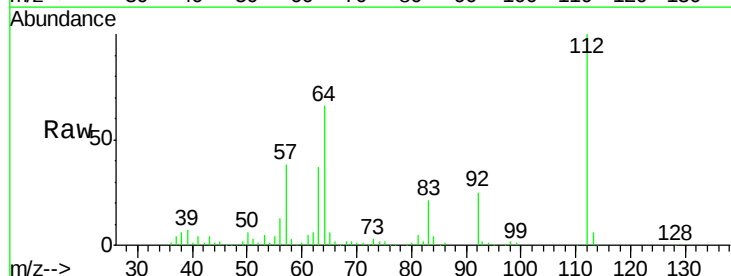
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



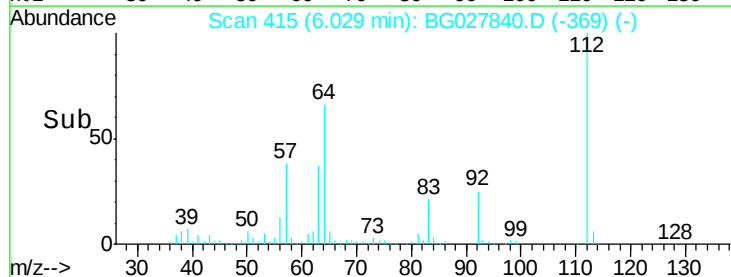
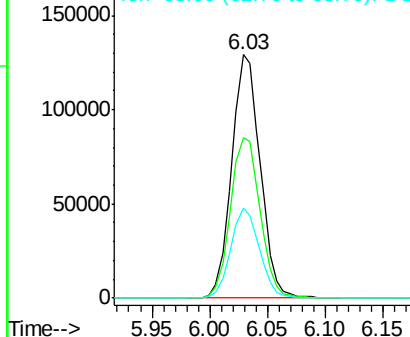
#5

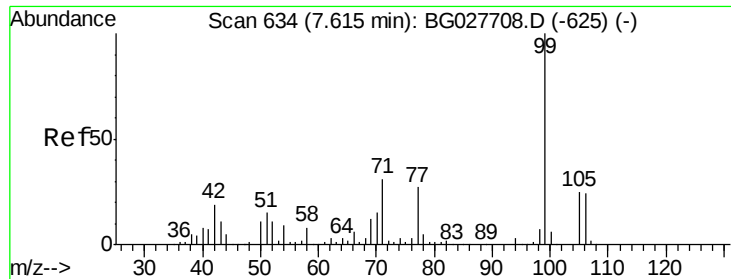
2-Fluorophenol
Concen: 125.872 ng
RT: 6.03 min Scan# 415
Delta R.T. -0.03 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:112 Resp: 221041
Ion Ratio Lower Upper
112 100
64 66.0 61.8 92.6
63 37.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.706 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027840.D

Acq: 3 Jul 2017 20:13

Instrument :

BNA_G

ClientSampleId :

MW12-5-6-GRAB

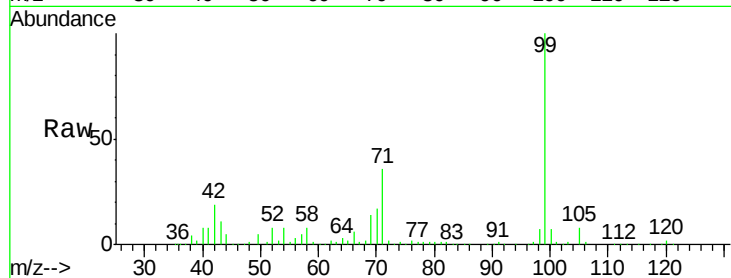
Tgt Ion: 99 Resp: 299680

Ion Ratio Lower Upper

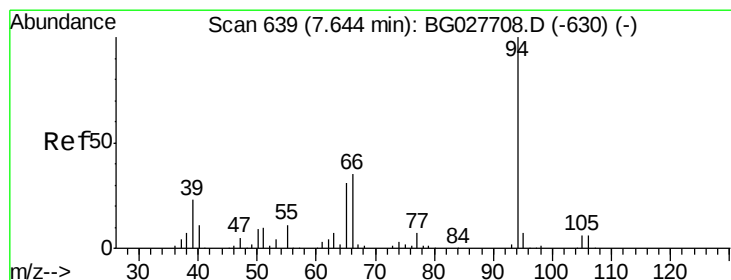
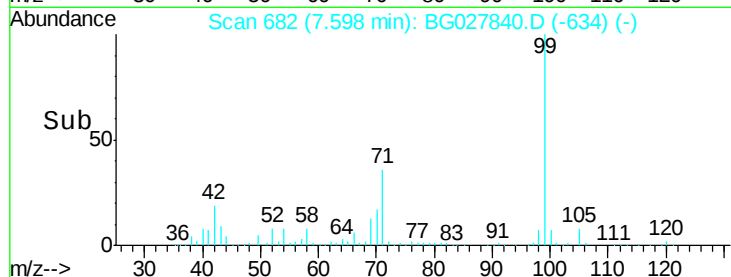
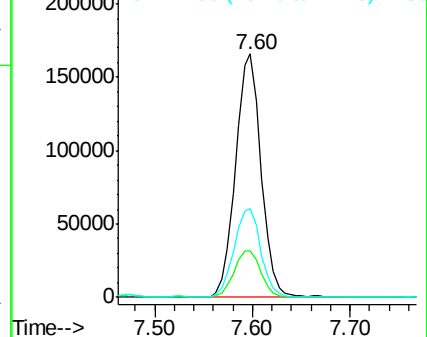
99 100

42 19.2 20.5 30.7#

71 36.4 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.366 ng

RT: 7.62 min Scan# 686

Delta R.T. -0.02 min

Lab File: BG027840.D

Acq: 3 Jul 2017 20:13

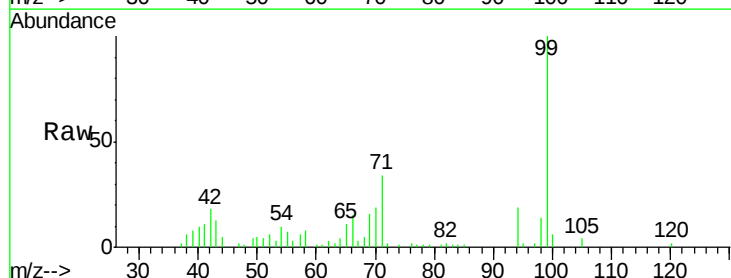
Tgt Ion: 94 Resp: 6281

Ion Ratio Lower Upper

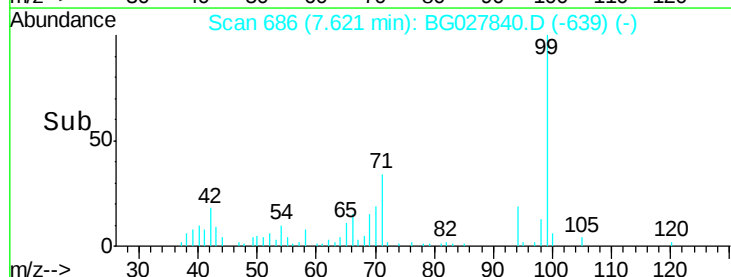
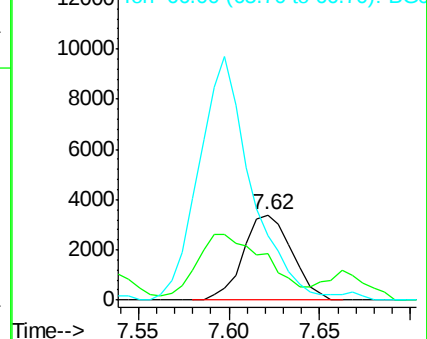
94 100

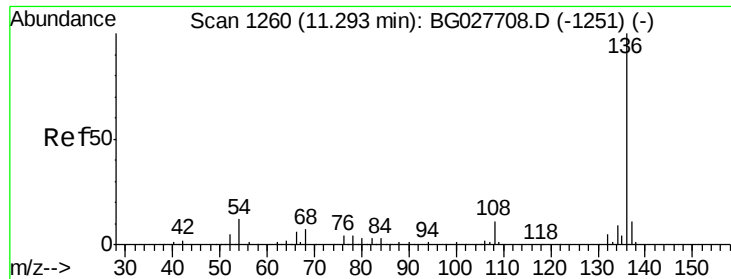
65 54.6 20.6 60.6

66 74.9 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

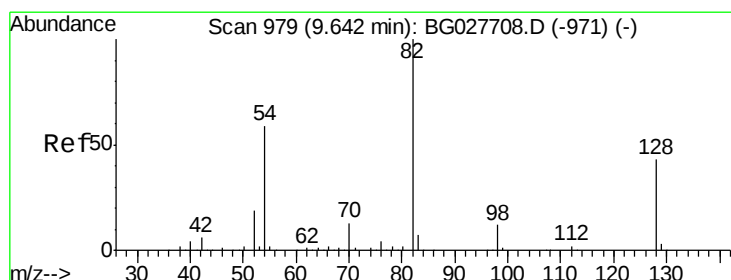
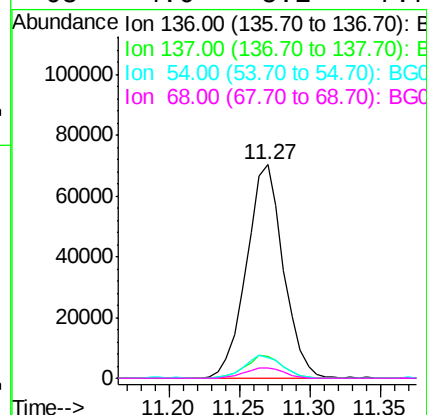
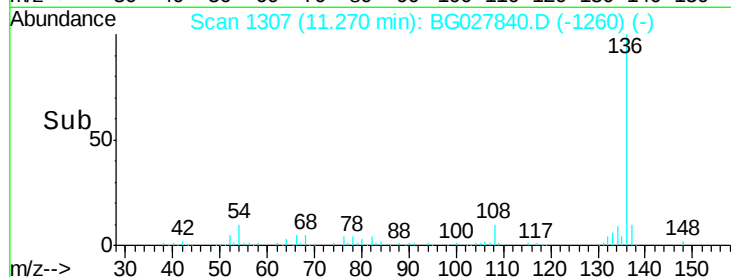
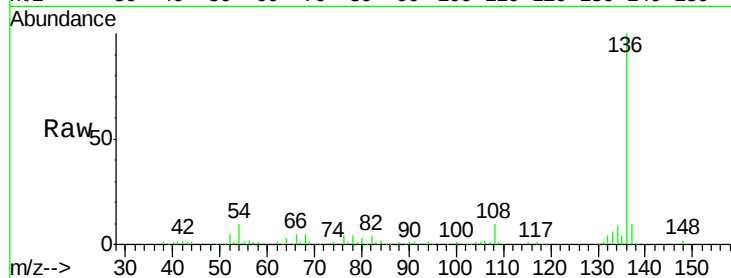




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

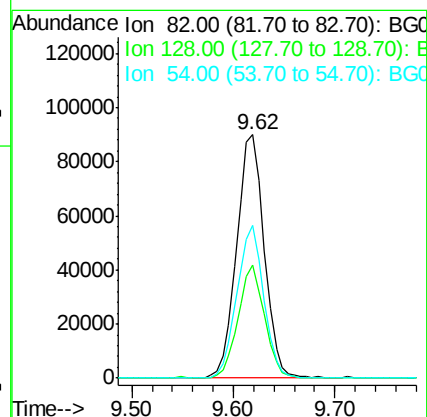
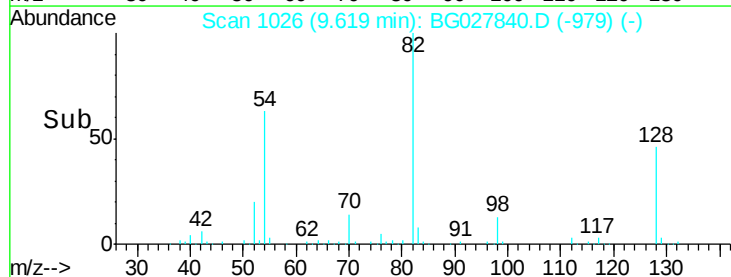
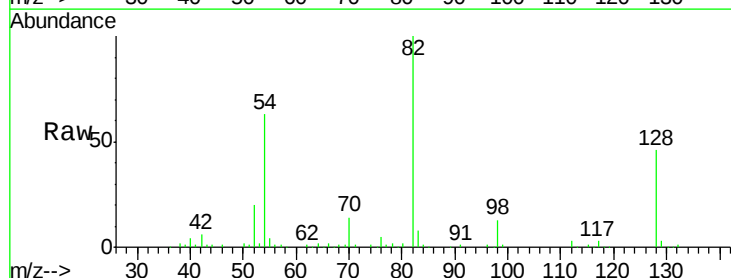
Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

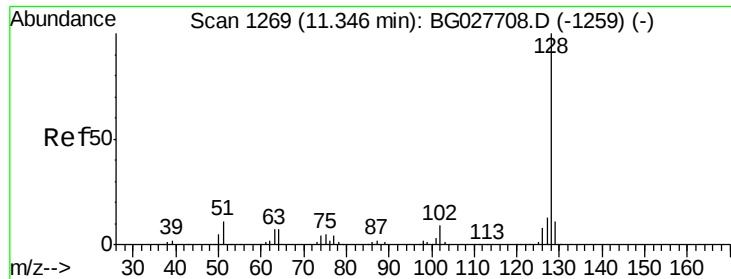
Tgt Ion:	136	Resp:	128770
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.6	9.3	13.9
68	4.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 73.569 ng
RT: 9.62 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:	82	Resp:	169955
Ion	Ratio	Lower	Upper
82	100		
128	46.2	26.4	39.6#
54	62.7	49.4	74.2

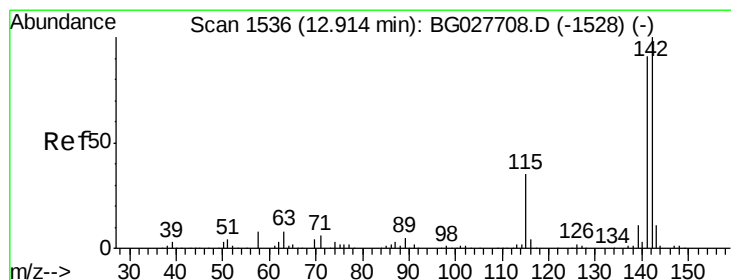
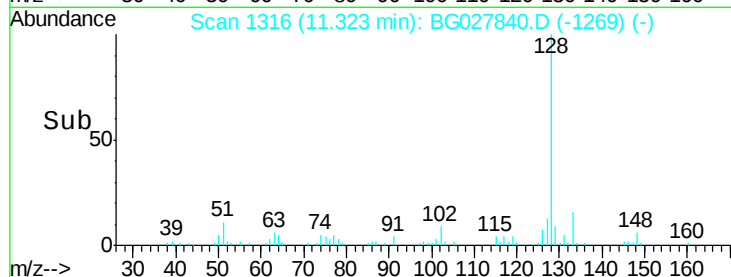
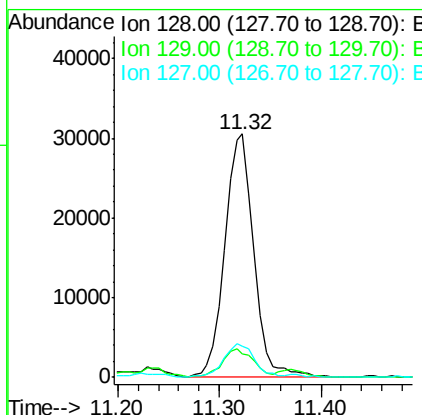
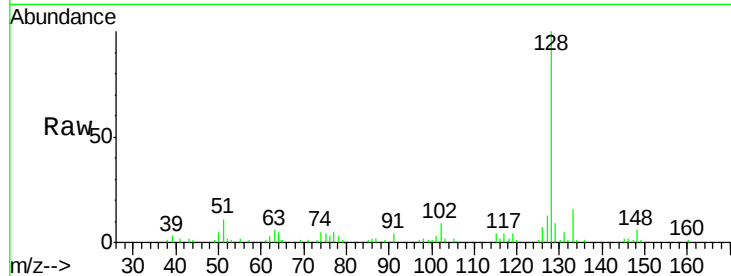




#31
Naphthalene
Concen: 8.826 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

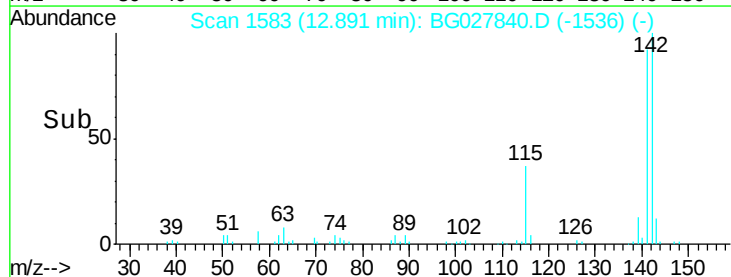
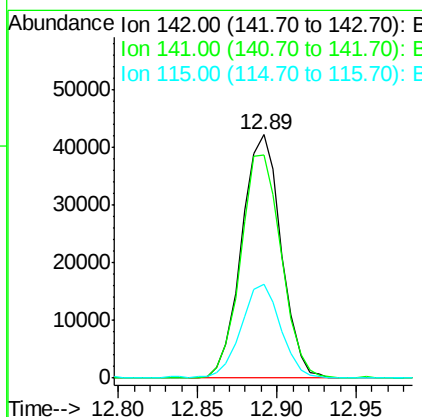
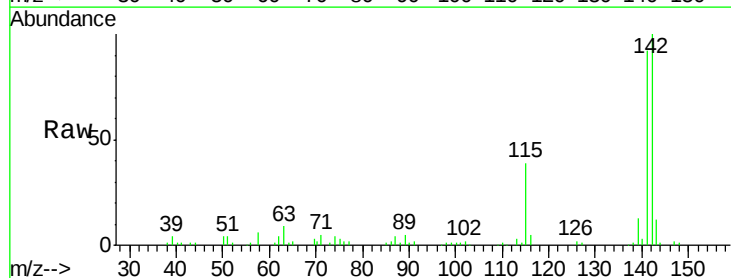
Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

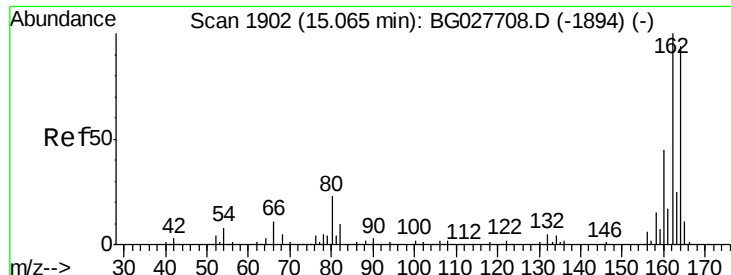
Tgt Ion:128 Resp: 60443
Ion Ratio Lower Upper
128 100
129 9.4 9.3 13.9
127 13.0 11.4 17.0



#37
2-Methylnaphthalene
Concen: 14.322 ng
RT: 12.89 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:142 Resp: 73048
Ion Ratio Lower Upper
142 100
141 91.9 70.4 105.6
115 38.5 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.04 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG027840.D

Acq: 3 Jul 2017 20:13

Instrument :

BNA_G

ClientSampleId :

MW12-5-6-GRAB

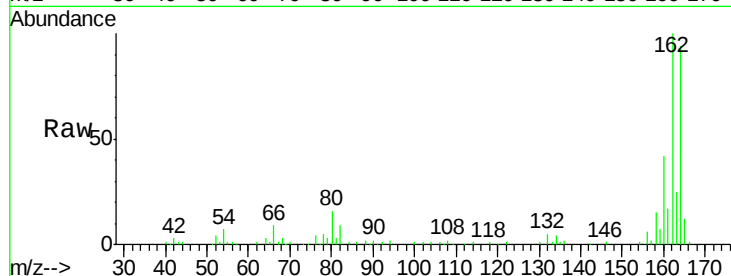
Tgt Ion:164 Resp: 84048

Ion Ratio Lower Upper

164 100

162 106.1 85.1 127.7

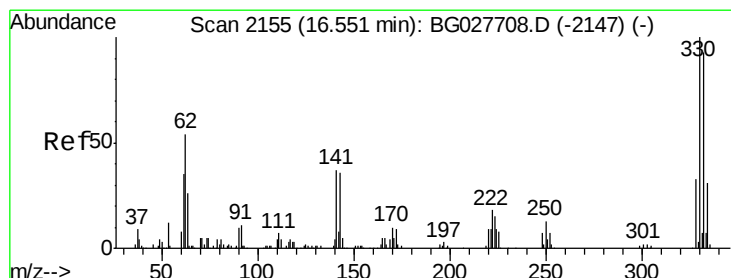
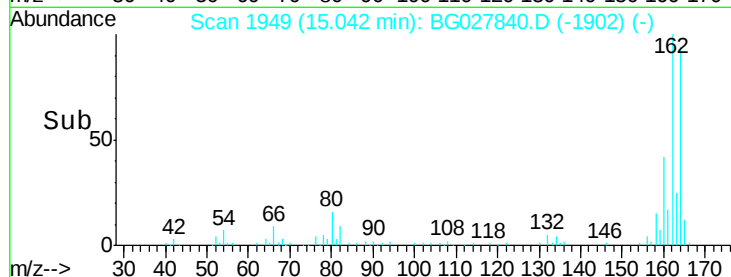
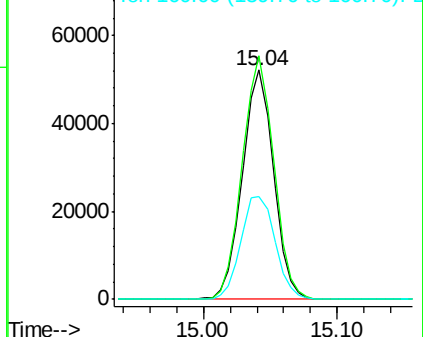
160 44.8 34.7 52.1



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: 155.445 ng

RT: 16.53 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG027840.D

Acq: 3 Jul 2017 20:13

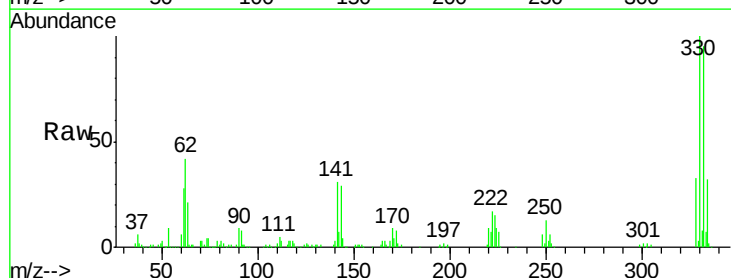
Tgt Ion:330 Resp: 179199

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

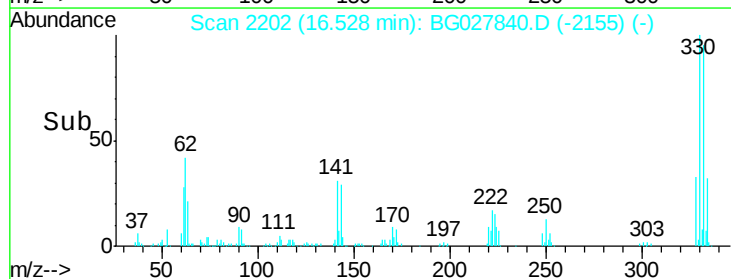
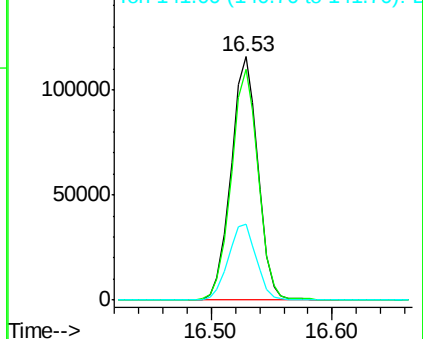
141 32.8 32.1 48.1

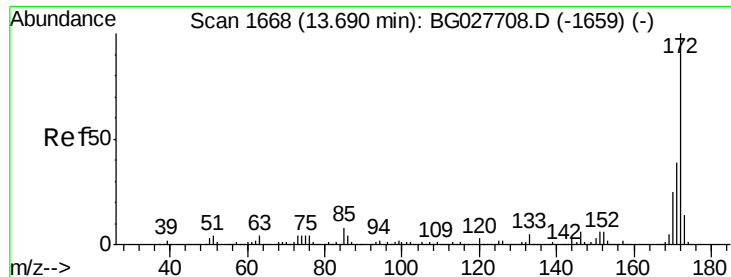


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

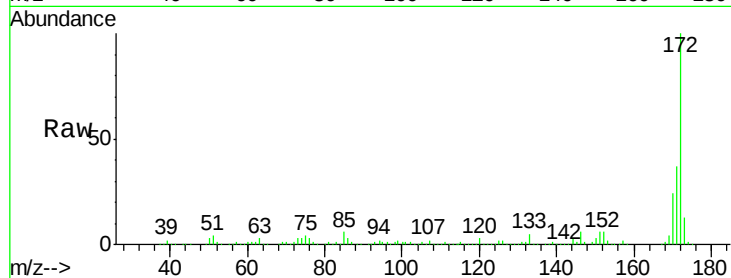




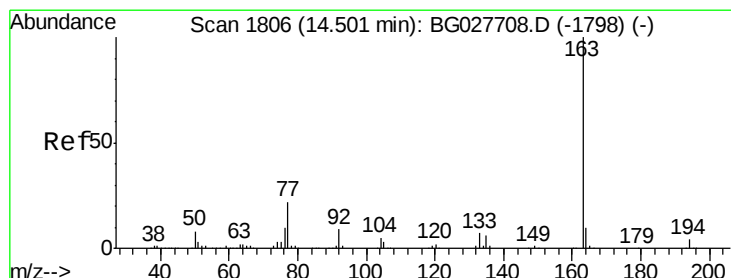
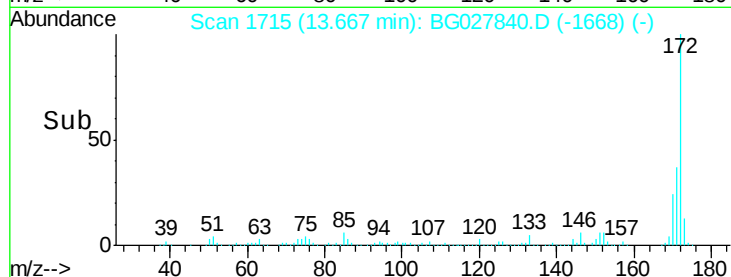
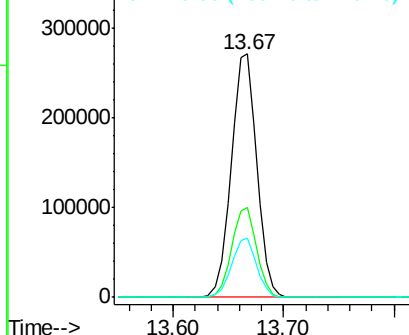
#44
 2-Fluorobiphenyl
 Concen: 74.574 ng
 RT: 13.67 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027840.D
 Acq: 3 Jul 2017 20:13

Instrument :
 BNA_G
 ClientSampleId :
 MW12-5-6-GRAB

Tgt Ion:172 Resp: 438868
 Ion Ratio Lower Upper
 172 100
 171 37.2 32.2 48.2
 170 24.3 21.8 32.6

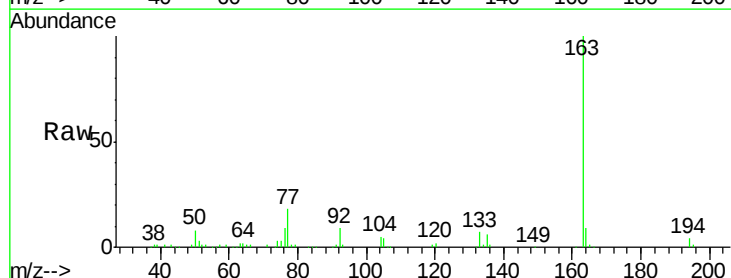


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

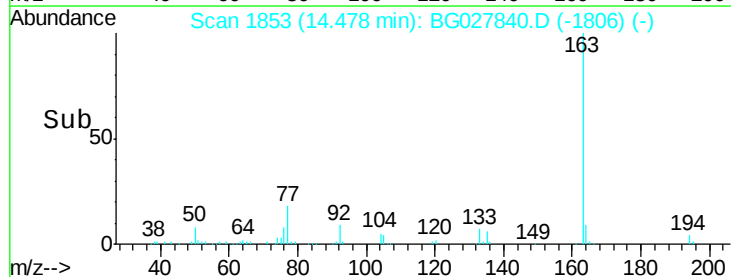
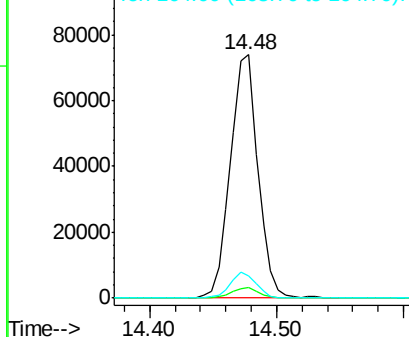


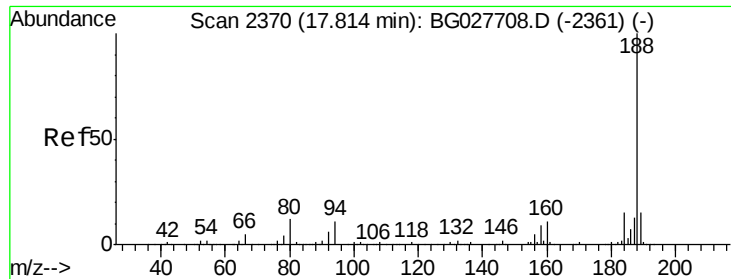
#49
 Dimethylphthalate
 Concen: 15.475 ng
 RT: 14.48 min Scan# 1853
 Delta R.T. -0.02 min
 Lab File: BG027840.D
 Acq: 3 Jul 2017 20:13

Tgt Ion:163 Resp: 110956
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.8 5.6
 164 9.3 9.3 13.9



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

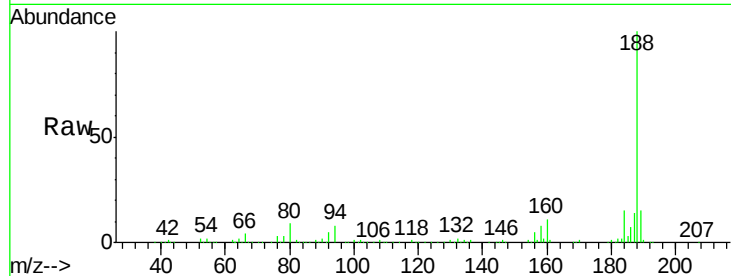




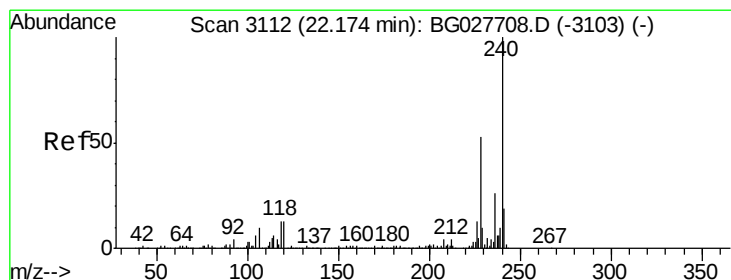
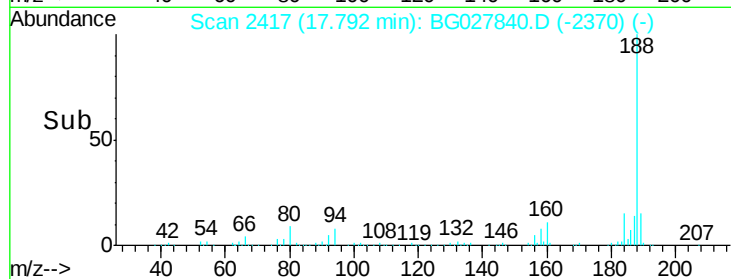
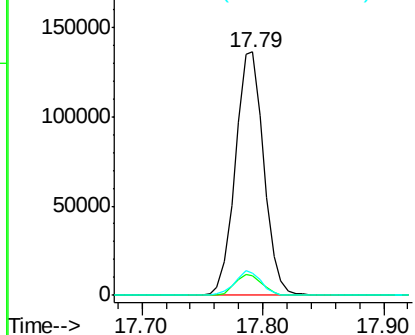
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:188 Resp: 223548
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.8
80 9.1 7.5 11.3

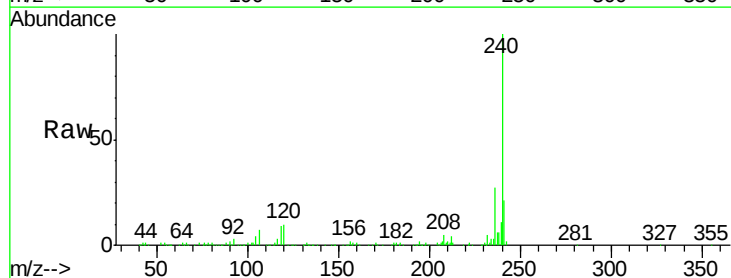


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

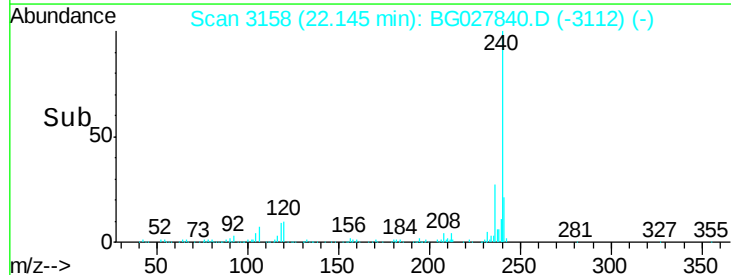
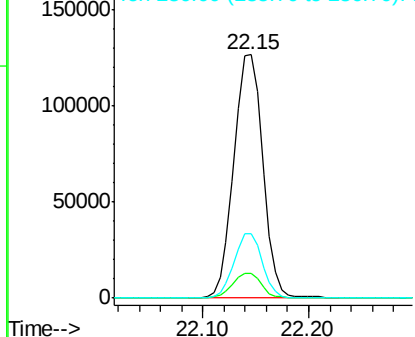


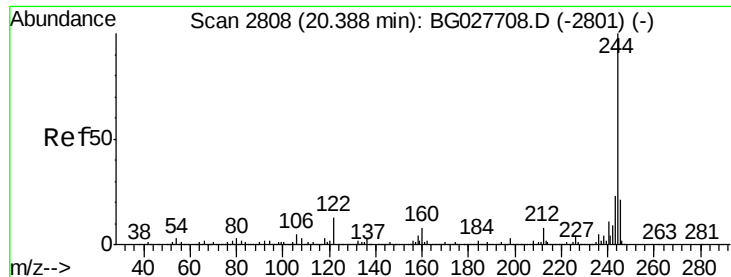
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.15 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:240 Resp: 241239
Ion Ratio Lower Upper
240 100
120 10.4 5.7 8.5#
236 26.6 22.2 33.4



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: 80.888 ng

RT: 20.37 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG027840.D

Acq: 3 Jul 2017 20:13

Instrument :

BNA_G

ClientSampleId :

MW12-5-6-GRAB

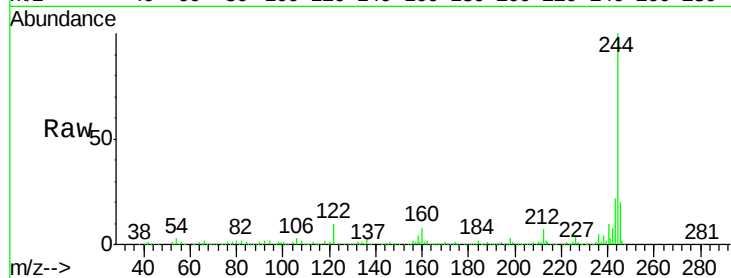
Tgt Ion:244 Resp: 832347

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

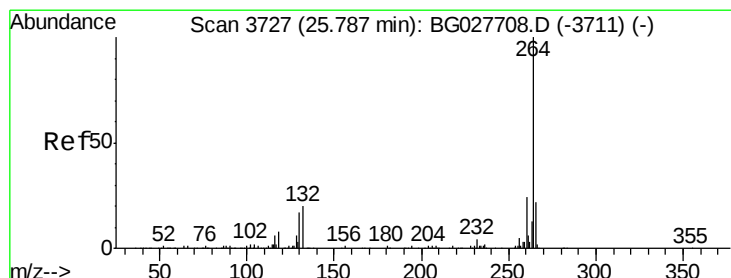
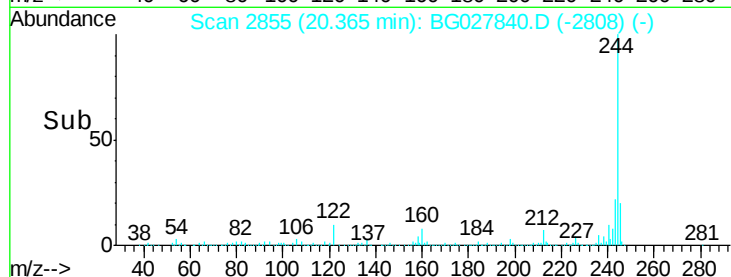
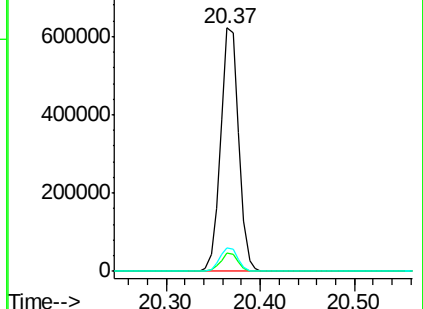
122 9.7 8.6 12.8



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: 20.000 ng

RT: 25.73 min Scan# 3768

Delta R.T. -0.06 min

Lab File: BG027840.D

Acq: 3 Jul 2017 20:13

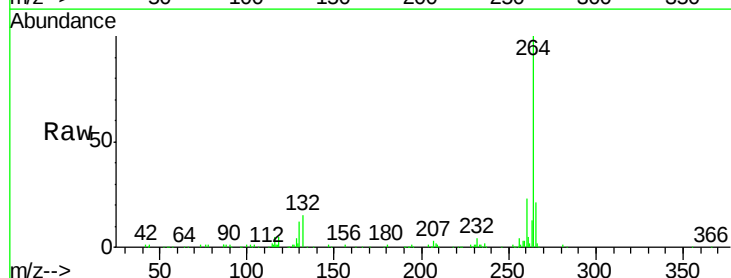
Tgt Ion:264 Resp: 241473

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 21.3 18.2 27.4



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

