

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027232.D
 Acq On : 6 Jun 2017 3:46
 Operator : SJ/MA
 Sample : I3393-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-01

Quant Time: Jun 06 06:32:20 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

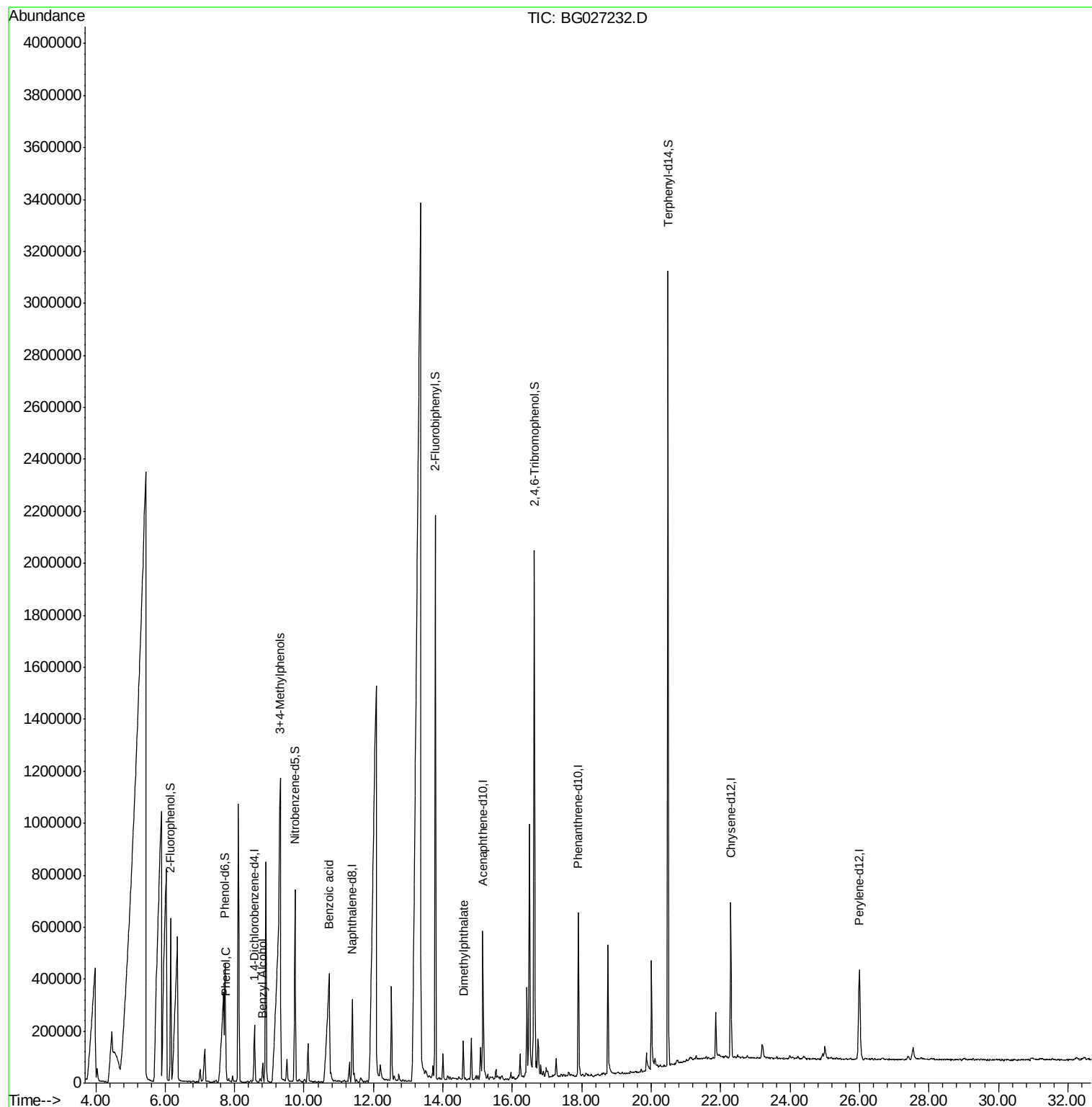
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	62235	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	295231	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	184937	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	408616	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	437431	20.00	ng	-0.02
86) Perylene-d12	26.00	264	417868	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	320505	78.59	ng	0.00
7) Phenol-d6	7.72	99	307424	51.35	ng	0.02
23) Nitrobenzene-d5	9.74	82	500933	106.71	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	376327	154.53	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1189887	90.01	ng	0.00
78) Terphenyl-d14	20.48	244	1403426	81.84	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.75	94	56980	9.31	ng	77
15) Benzyl Alcohol	8.81	79	27515	6.52	ng	# 86
20) 3+4-Methylphenols	9.31	107	609237	101.63	ng	80
32) Benzoic acid	10.72	122	361011	99.61	ng	# 82
49) Dimethylphthalate	14.59	163	101935	6.95	ng	97

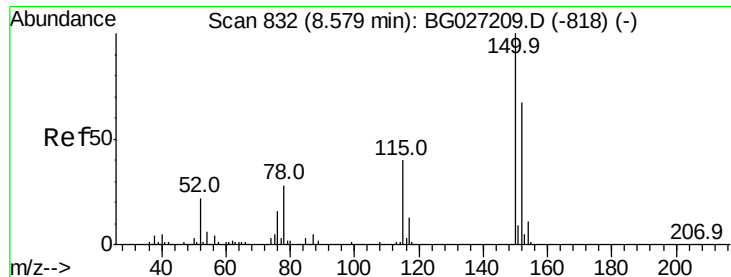
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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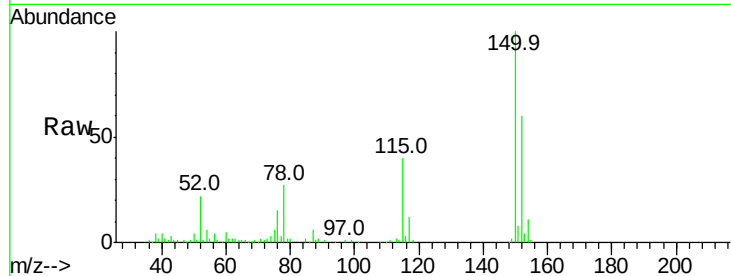


#1

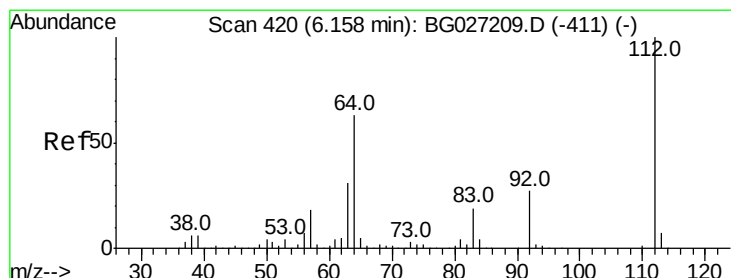
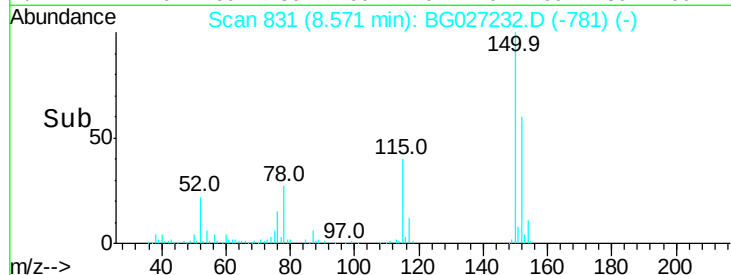
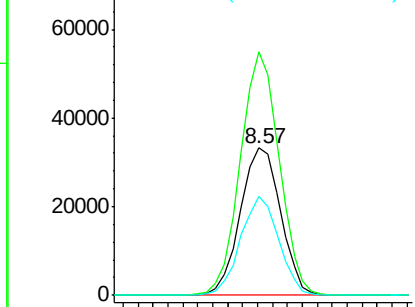
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tot Ion:152 Resp: 62235
Ion Ratio Lower Upper
152 100
150 165.6 114.0 171.0
115 66.9 48.1 72.1



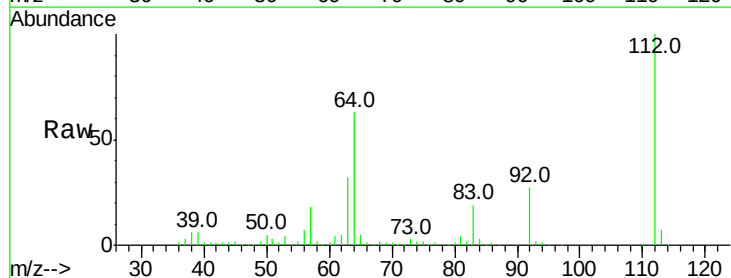
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



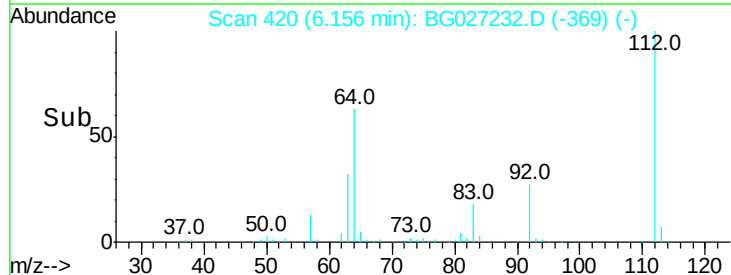
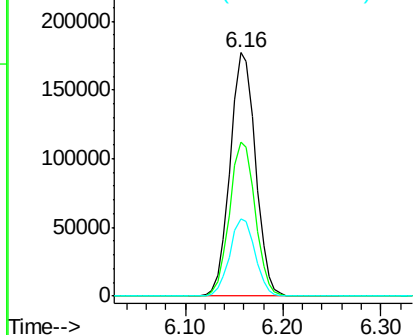
#5

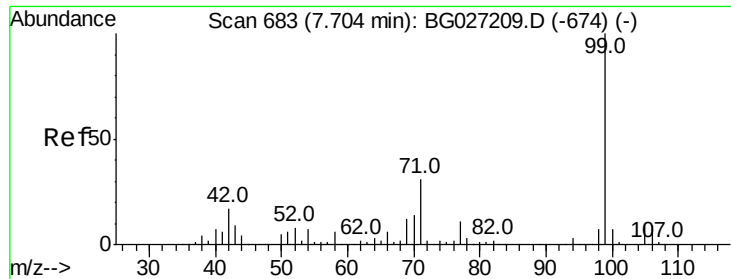
2-Fluorophenol
Concen: 78.59 ng
RT: 6.16 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:112 Resp: 320505
Ion Ratio Lower Upper
112 100
64 63.4 61.8 92.6
63 31.9 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: 51.35 ng

RT: 7.72 min Scan# 686

Delta R.T. 0.02 min

Lab File: BG027232.D

Acq: 6 Jun 2017 3:46

Instrument :

BNA_G

ClientSampled :

TW-01

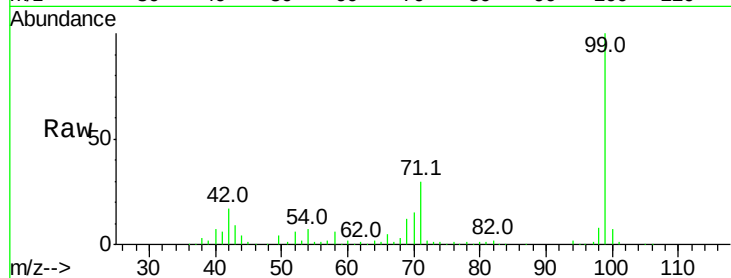
Tot Ion: 99 Resp: 307424

Ion Ratio Lower Upper

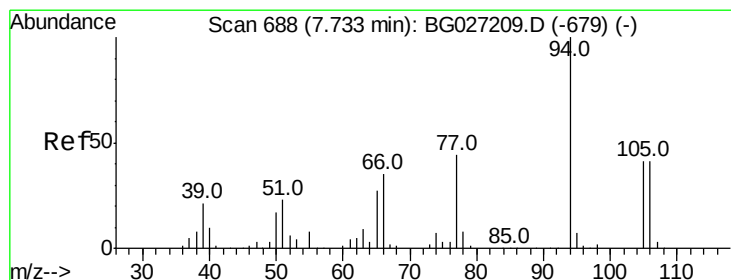
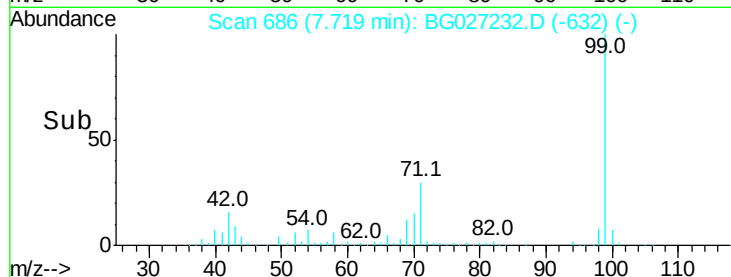
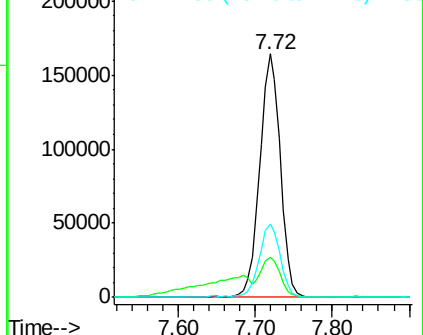
99 100

42 16.7 20.5 30.7#

71 30.3 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: 9.31 ng

RT: 7.75 min Scan# 691

Delta R.T. 0.02 min

Lab File: BG027232.D

Acq: 6 Jun 2017 3:46

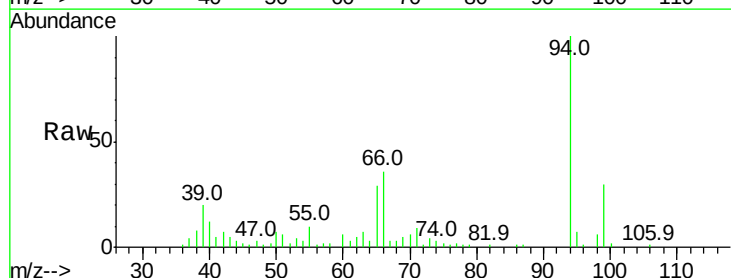
Tgt Ion: 94 Resp: 56980

Ion Ratio Lower Upper

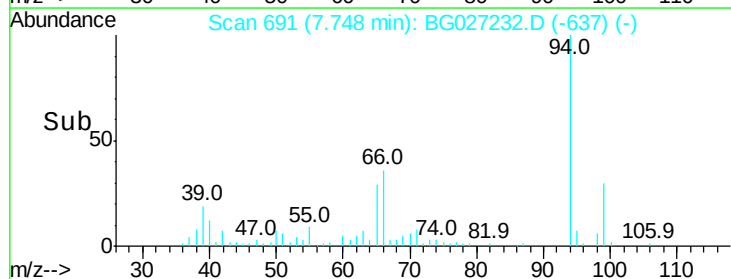
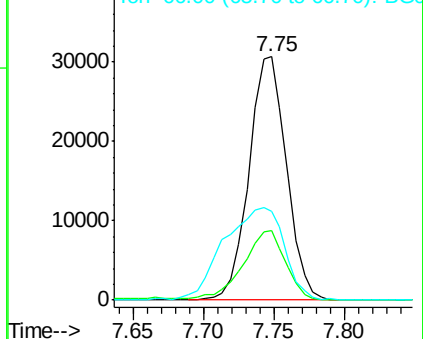
94 100

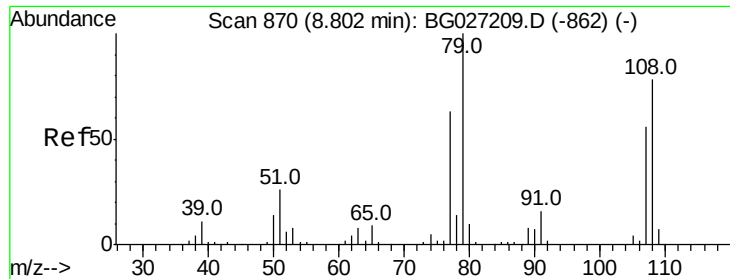
65 28.6 20.6 60.6

66 36.3 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

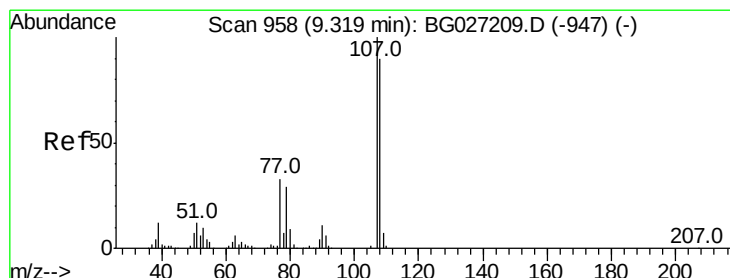
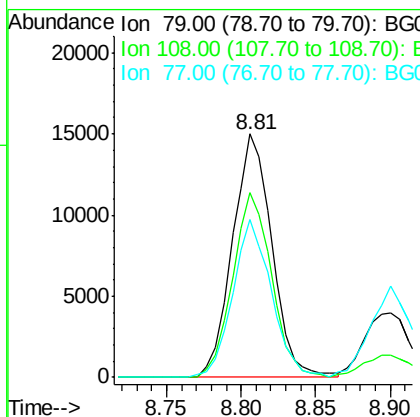
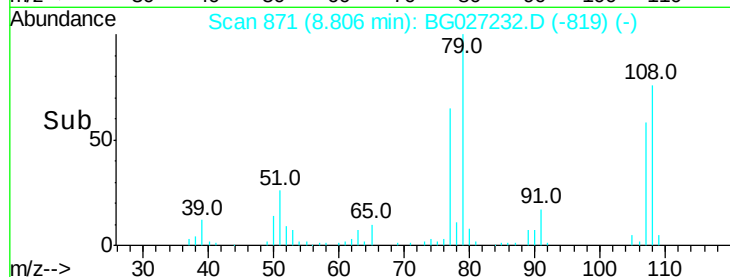
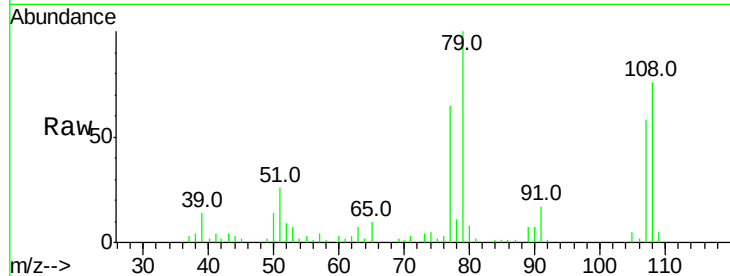




#15
Benzyl Alcohol
Concen: 6.52 ng
RT: 8.81 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

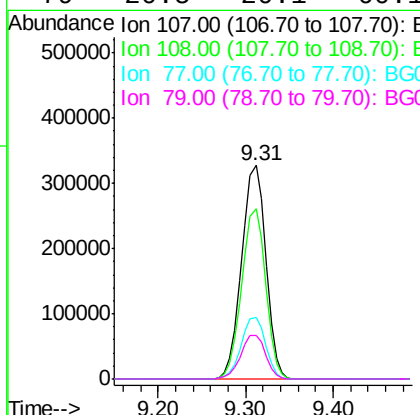
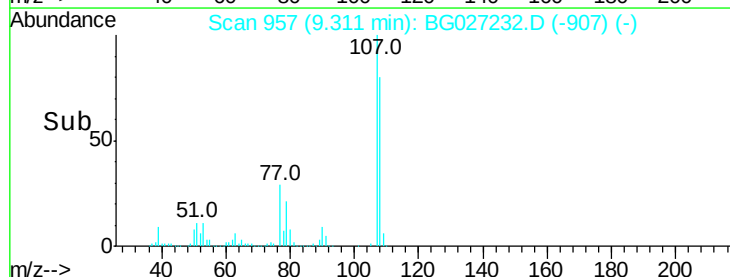
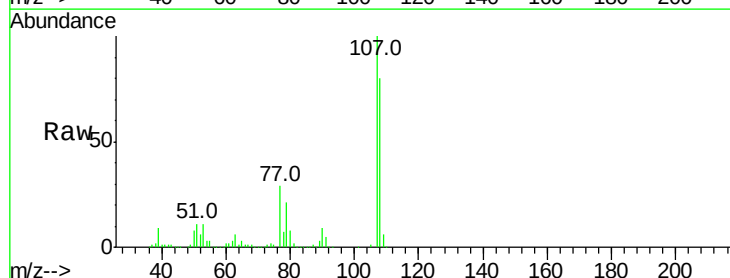
Instrument :
BNA_G
ClientSampled :
TW-01

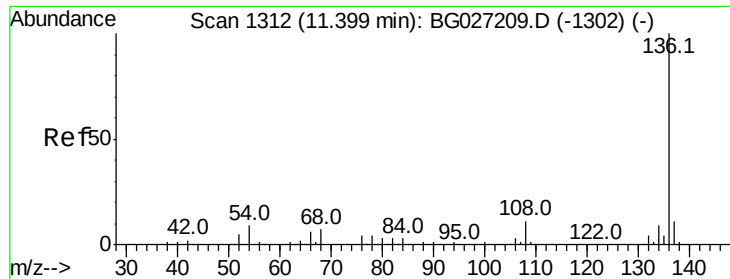
Tot Ion: 79 Resp: 27515
Ion Ratio Lower Upper
79 100
108 76.1 45.5 68.3#
77 64.6 54.3 81.5



#20
3+4-Methylphenols
Concen: 101.63 ng
RT: 9.31 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion: 107 Resp: 609237
Ion Ratio Lower Upper
107 100
108 79.8 70.8 110.8
77 28.9 25.8 65.8
79 20.5 20.1 60.1

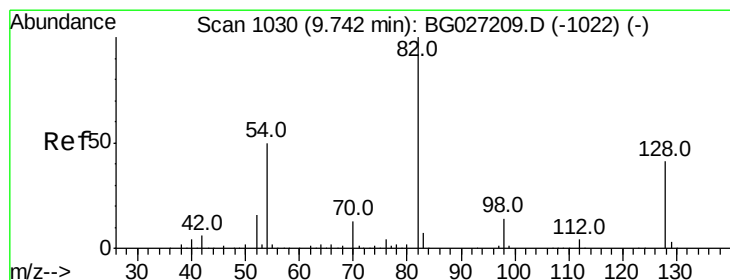
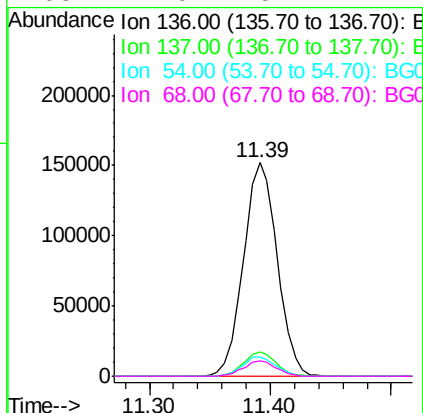
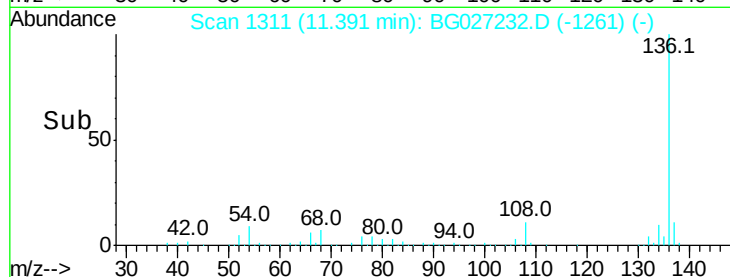
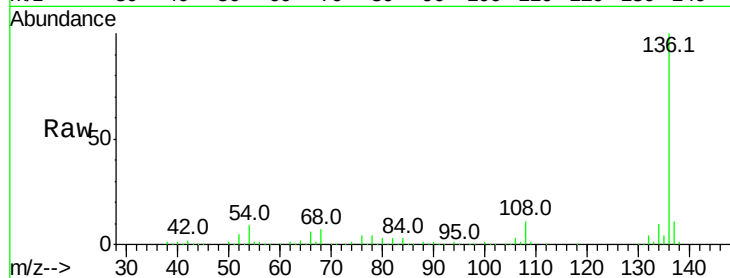




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

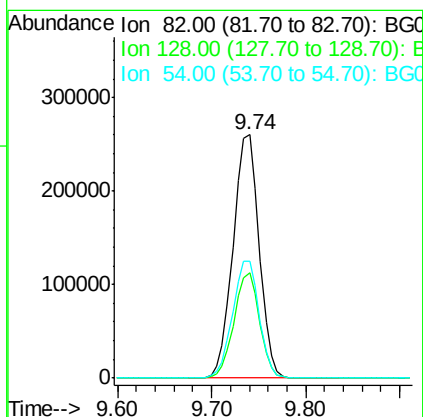
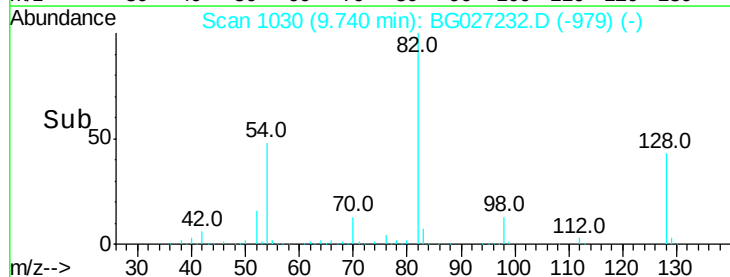
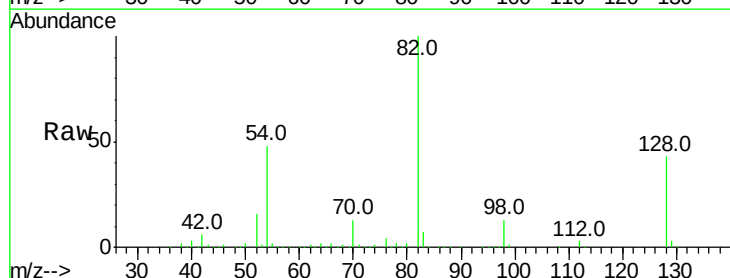
Instrument :
BNA_G
ClientSampleId :
TW-01

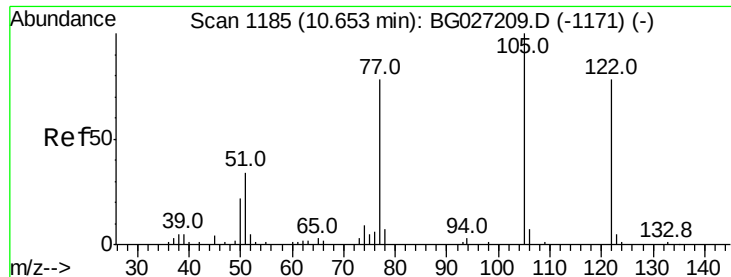
Tot Ion:	136	Resp:	295231
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.1	9.3	13.9#
68	7.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 106.71 ng
RT: 9.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:	82	Resp:	500933
Ion	Ratio	Lower	Upper
82	100		
128	43.3	26.4	39.6#
54	47.8	49.4	74.2#

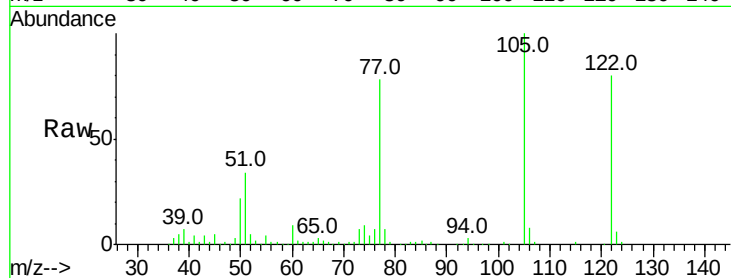




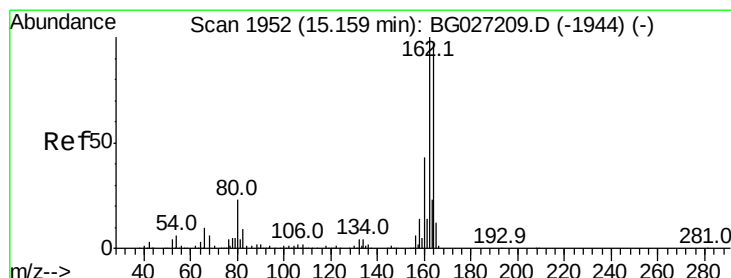
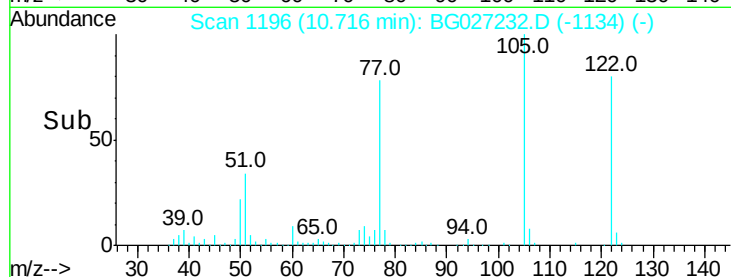
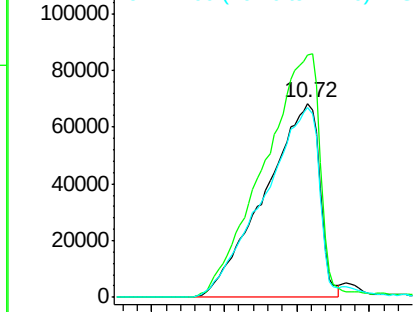
#32
Benzoic acid
Concen: 99.61 ng
RT: 10.72 min Scan# 1196
Delta R.T. 0.06 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tot Ion:122 Resp: 361011
Ion Ratio Lower Upper
122 100
105 125.0 120.1 160.1
77 97.7 104.6 144.6#

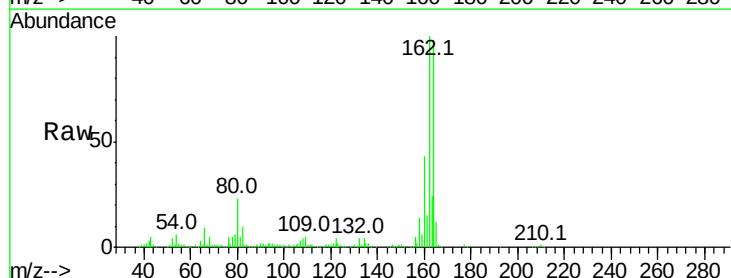


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

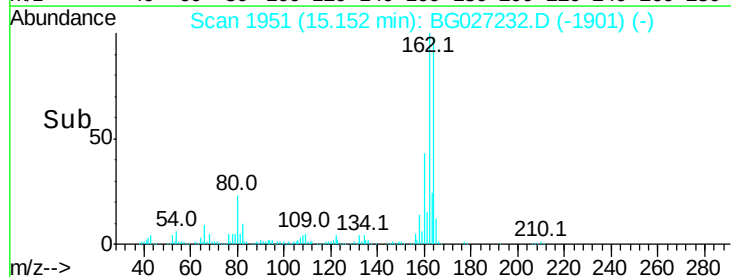
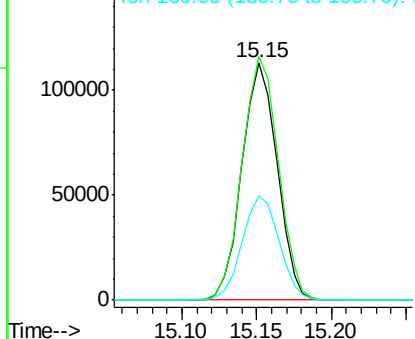


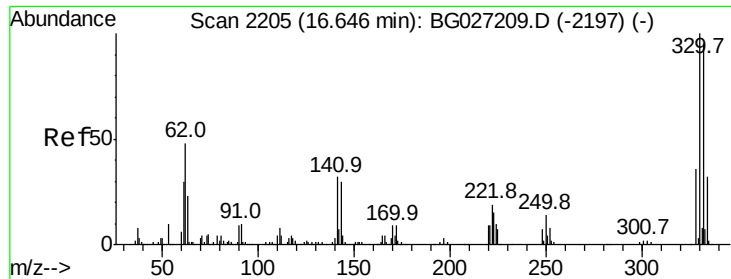
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Tgt Ion:164 Resp: 184937
Ion Ratio Lower Upper
164 100
162 102.5 85.1 127.7
160 43.6 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: 154.53 ng

RT: 16.64 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG027232.D

Acq: 6 Jun 2017 3:46

Instrument :

BNA_G

ClientSampleId :

TW-01

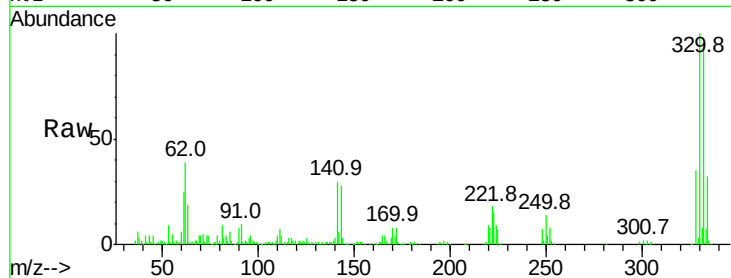
Tot Ion:330 Resp: 376327

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

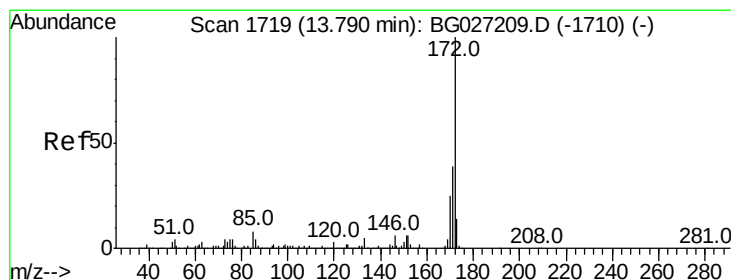
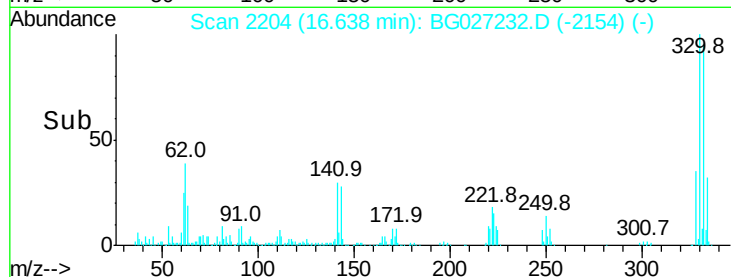
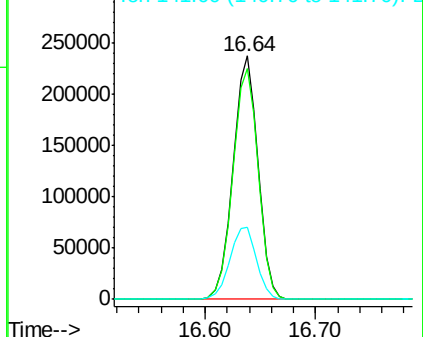
141 31.9 32.1 48.1#



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: 90.01 ng

RT: 13.78 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BG027232.D

Acq: 6 Jun 2017 3:46

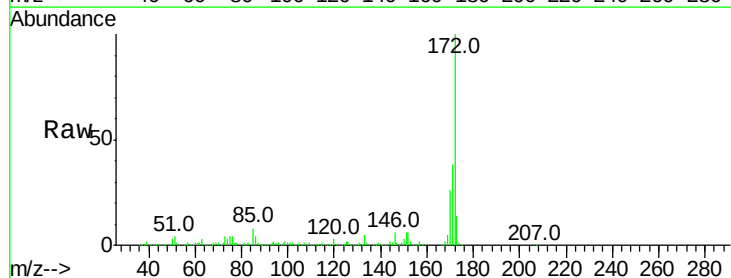
Tgt Ion:172 Resp: 1189887

Ion Ratio Lower Upper

172 100

171 38.2 32.2 48.2

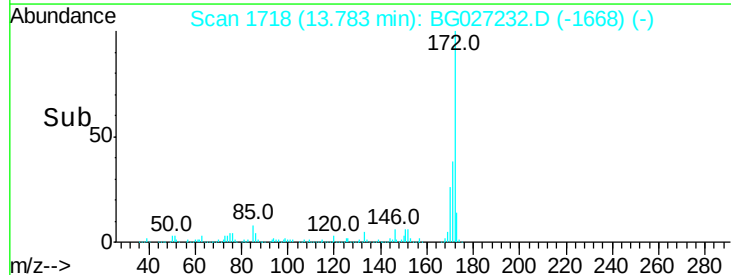
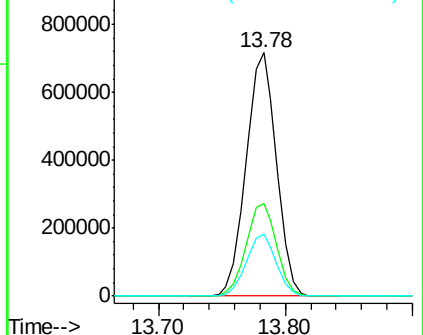
170 25.6 21.8 32.6

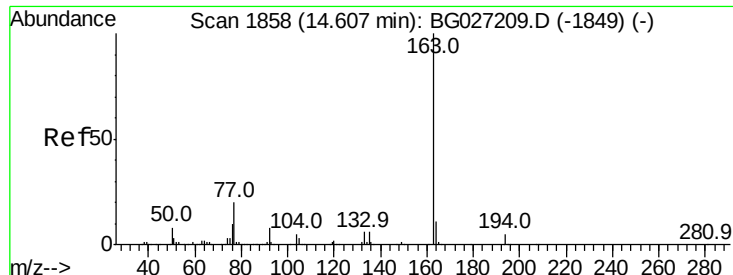


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 6.95 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027232.D

Acq: 6 Jun 2017 3:46

Instrument :

BNA_G

ClientSampleId :

TW-01

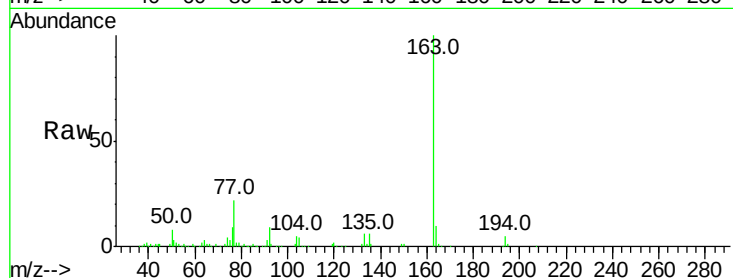
Tot Ion:163 Resp: 101935

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

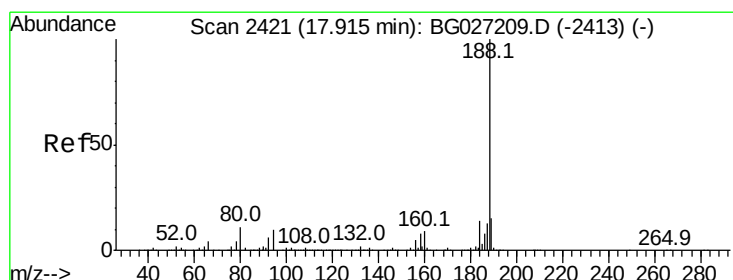
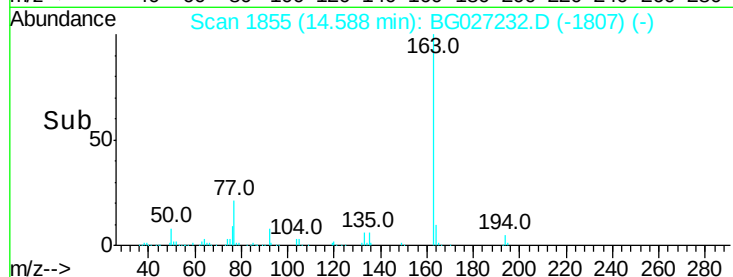
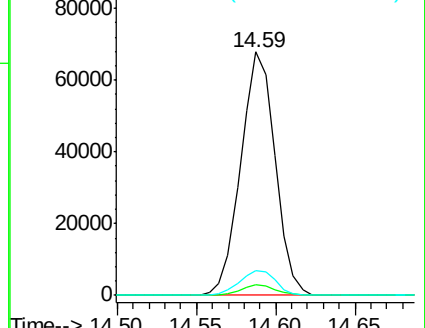
164 10.0 9.3 13.9



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: 20.00 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027232.D

Acq: 6 Jun 2017 3:46

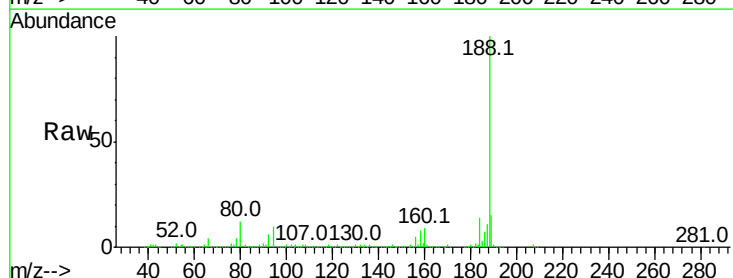
Tgt Ion:188 Resp: 408616

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.8#

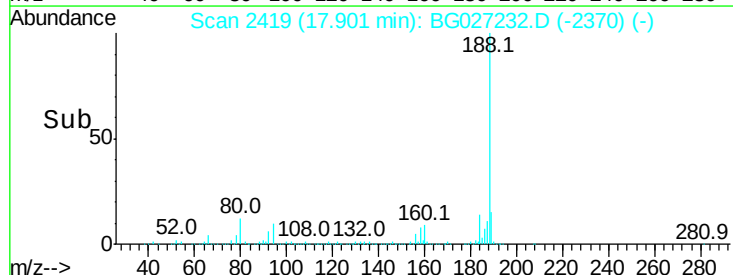
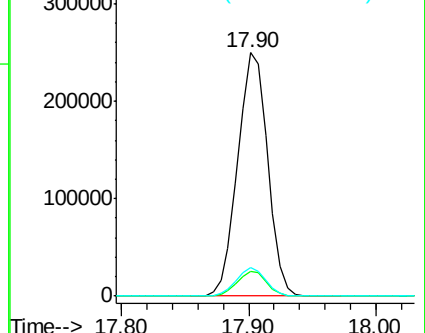
80 11.6 7.5 11.3#

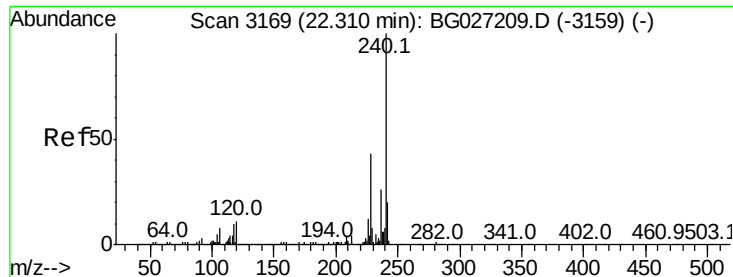


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027232.D

Acq: 6 Jun 2017 3:46

Instrument :

BNA_G

ClientSampleId :

TW-01

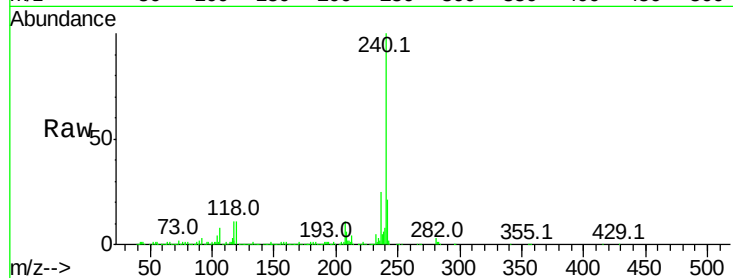
Tot Ion:240 Resp: 437431

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

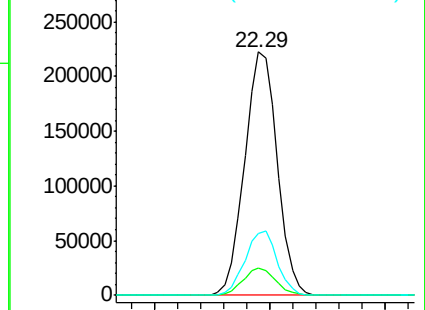
236 25.3 22.2 33.4



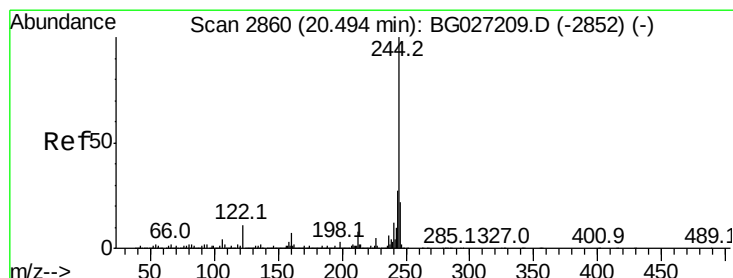
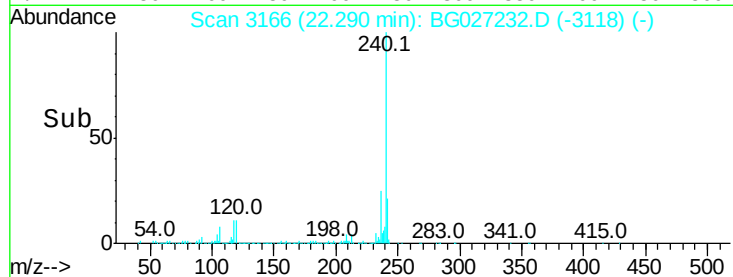
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 81.84 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027232.D

Acq: 6 Jun 2017 3:46

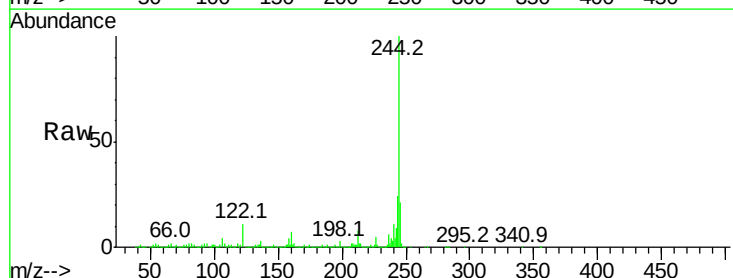
Tgt Ion:244 Resp: 1403426

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

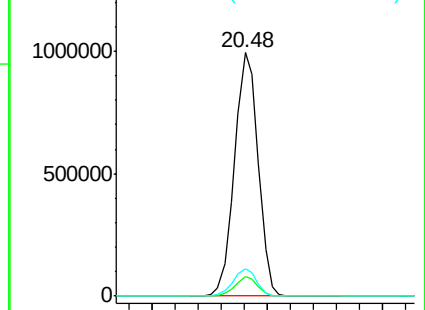
122 11.3 8.6 12.8



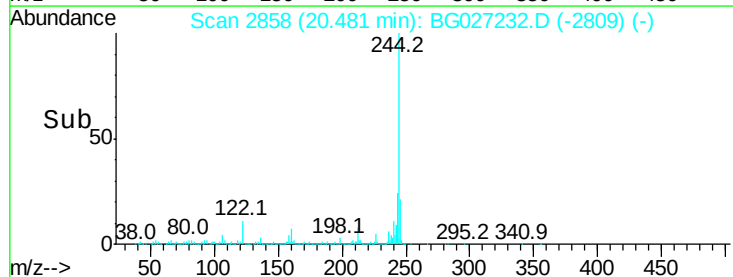
Abundance Ion 244.00 (243.70 to 244.70): E

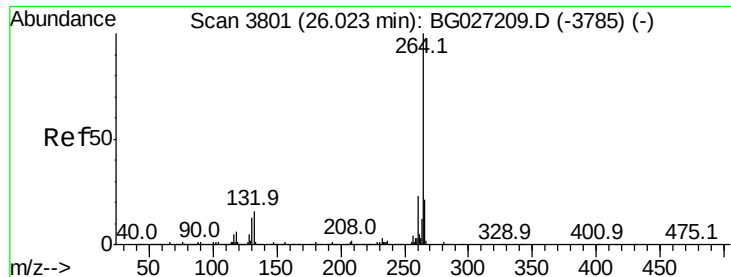
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.00 min Scan# 3797
Delta R.T. -0.03 min
Lab File: BG027232.D
Acq: 6 Jun 2017 3:46

Instrument :
BNA_G
ClientSampleId :
TW-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	21.8	18.2	27.4

