

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029297.D
 Acq On : 17 Oct 2017 8:00
 Operator : SJ/JU
 Sample : I5906-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08

Quant Time: Oct 17 14:57:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

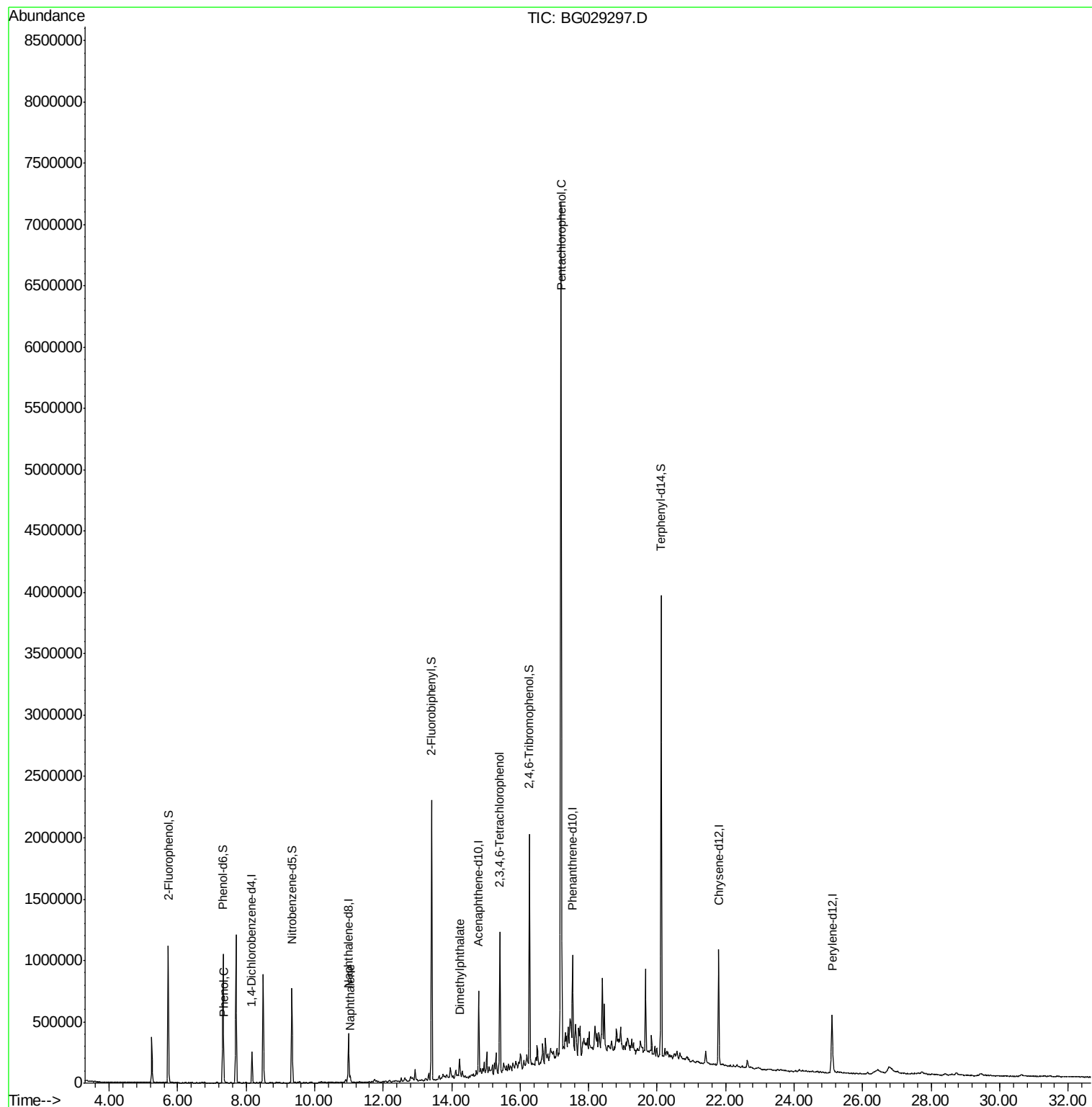
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	73088	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	356908	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	228233	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	481409	20.00	ng	0.00
75) Chrysene-d12	21.79	240	525950	20.00	ng	0.00
86) Perylene-d12	25.11	264	546400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	512192	117.07	ng	0.00
7) Phenol-d6	7.32	99	644944	105.02	ng	0.00
23) Nitrobenzene-d5	9.34	82	464005	82.62	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	359045	121.85	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1190688	76.52	ng	0.00
78) Terphenyl-d14	20.12	244	1697060	73.40	ng	0.00
Target Compounds						
10) Phenol	7.35	94	13807	2.085	ng	96
31) Naphthalene	11.04	128	43460	2.443	ng	# 95
49) Dimethylphthalate	14.23	163	99231	5.572	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	240801	53.727	ng	# 97
69) Pentachlorophenol	17.19	266	1744815	485.412	ng	95

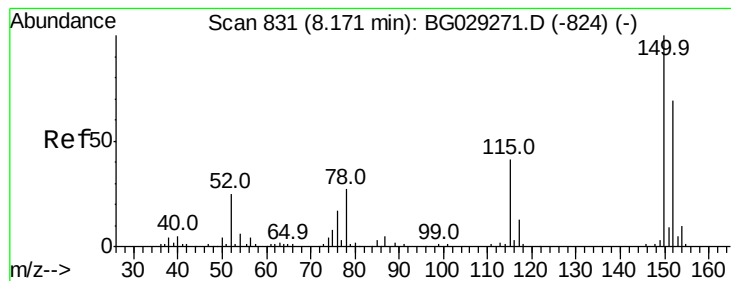
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08

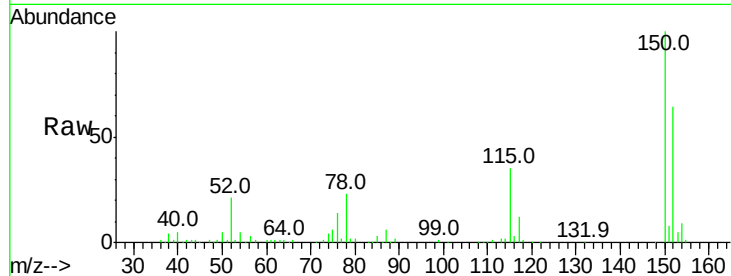
Tot Ion:152 Resp: 73088

Ion Ratio Lower Upper

152 100

150 156.9 126.6 189.8

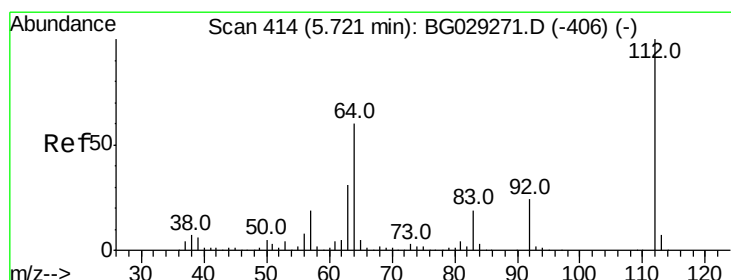
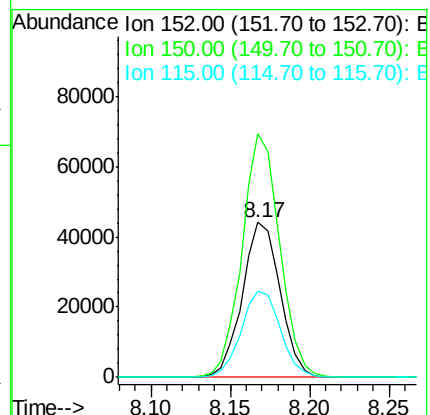
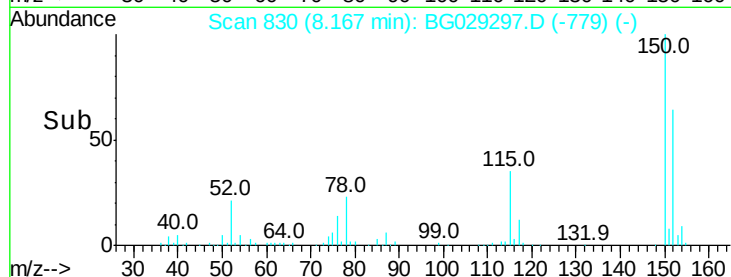
115 55.2 53.0 79.4



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: 117.070 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

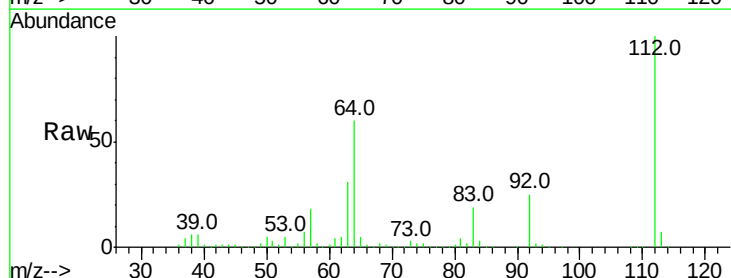
Tgt Ion:112 Resp: 512192

Ion Ratio Lower Upper

112 100

64 59.9 56.3 84.5

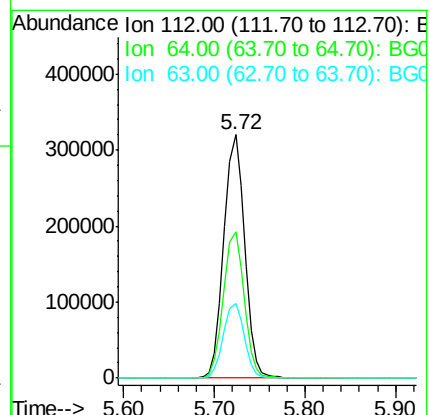
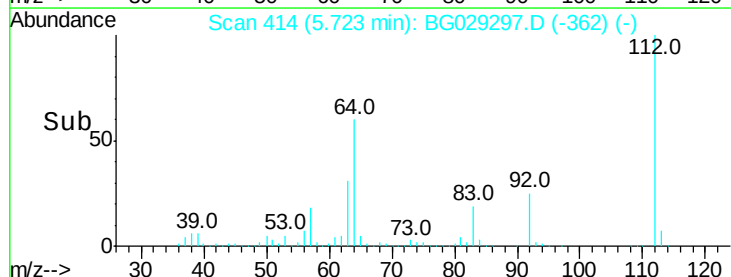
63 30.8 30.1 45.1

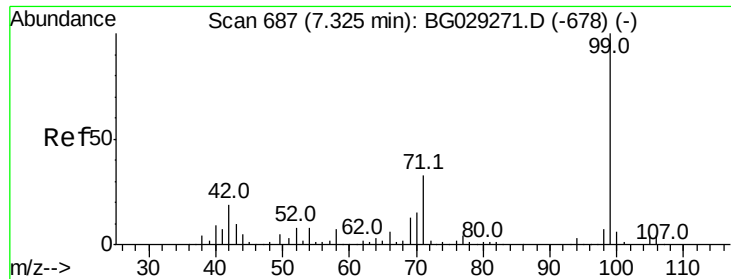


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.021 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08

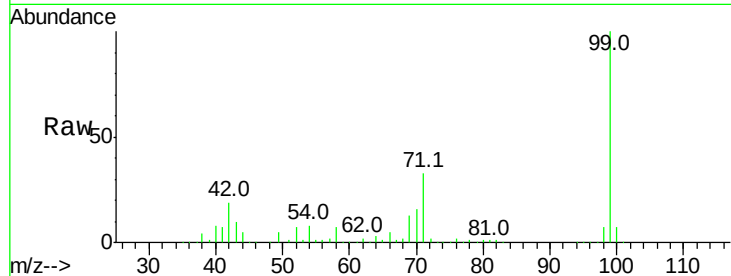
Tot Ion: 99 Resp: 644944

Ion Ratio Lower Upper

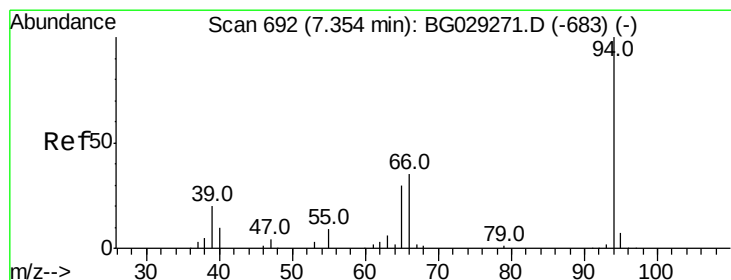
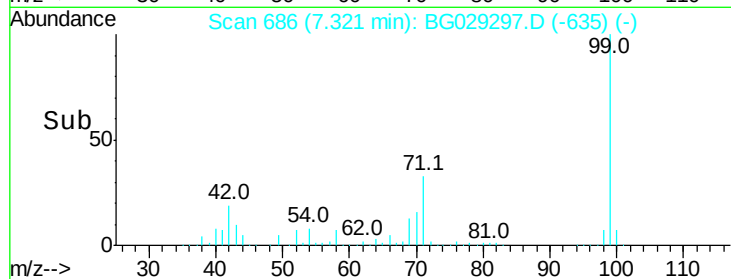
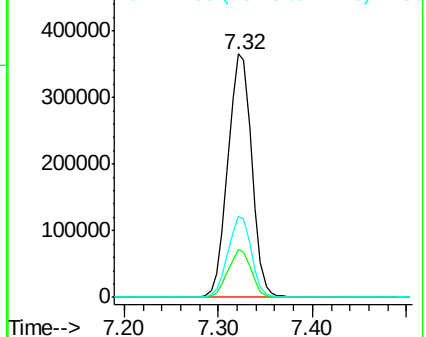
99 100

42 19.4 14.1 21.1

71 33.4 26.1 39.1



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: 2.085 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

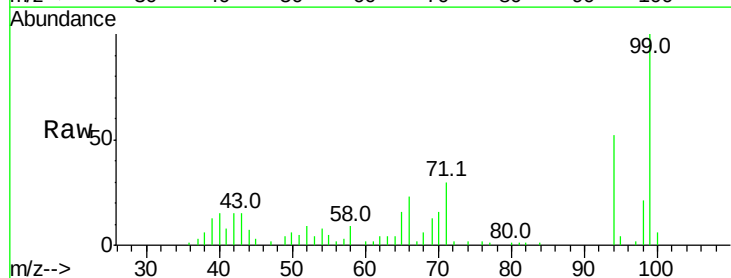
Tgt Ion: 94 Resp: 13807

Ion Ratio Lower Upper

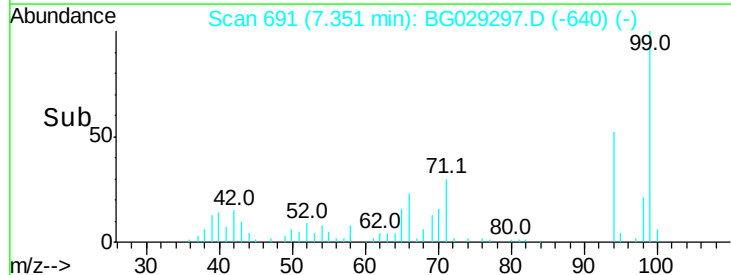
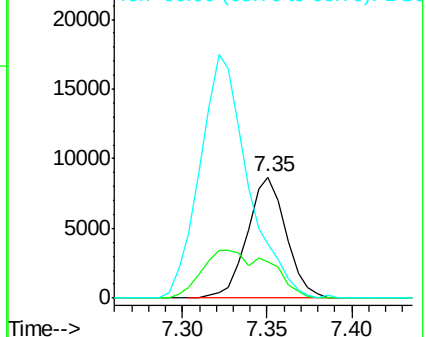
94 100

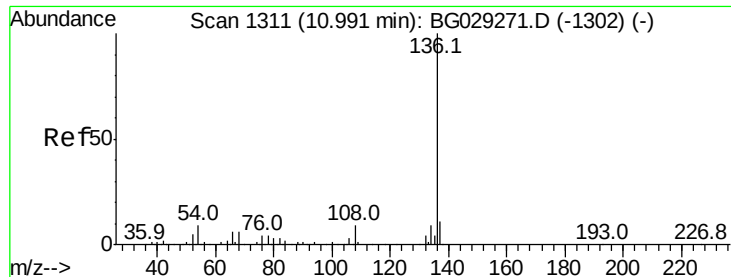
65 30.0 11.9 51.9

66 45.1 22.2 62.2



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

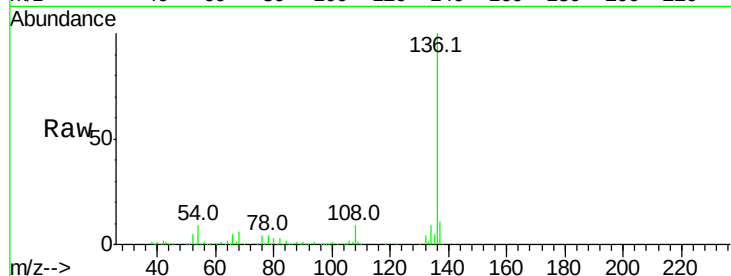




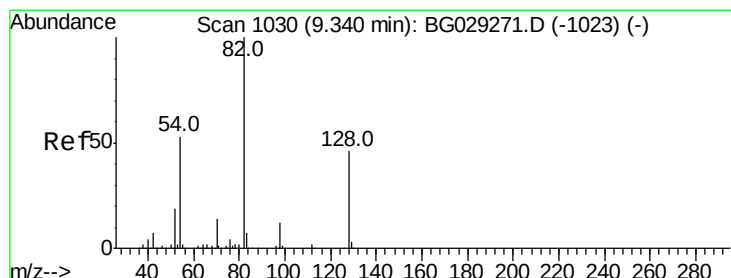
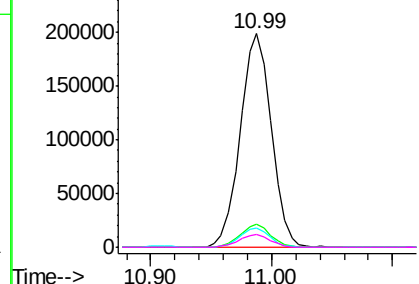
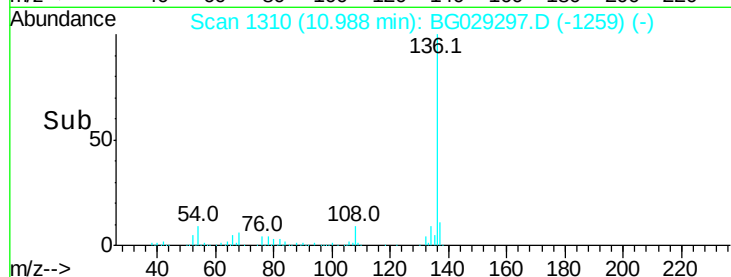
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029297.D
Acq: 17 Oct 2017 8:00

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08

Tot Ion:136	Resp:	356908
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	9.1	10.3 15.5#
68	6.1	4.5 6.7

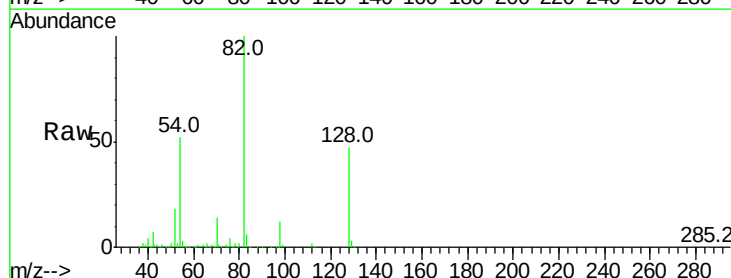


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

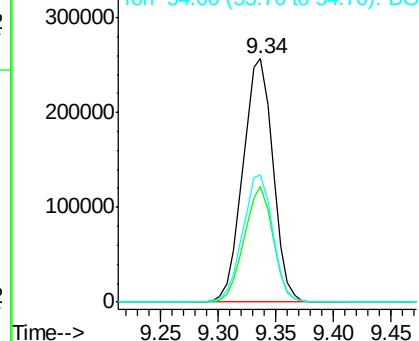
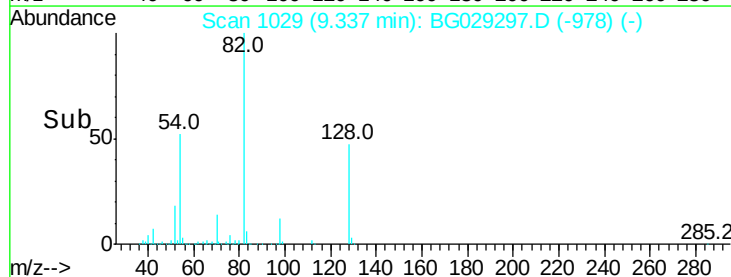


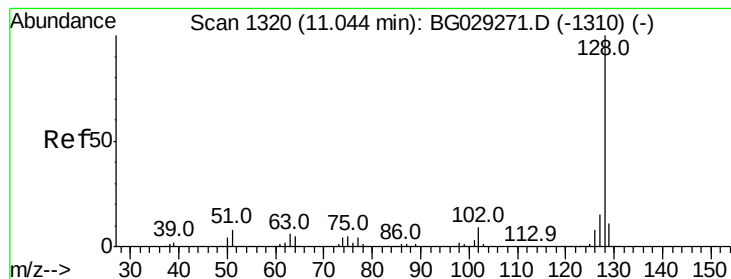
#23
Nitrobenzene-d5
Concen: 82.616 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG029297.D
Acq: 17 Oct 2017 8:00

Tgt Ion: 82	Resp:	464005
Ion Ratio	Lower	Upper
82	100	
128	47.4	29.7 44.5#
54	52.5	43.1 64.7



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





#31

Naphthalene

Concen: 2.443 ng

RT: 11.04 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08

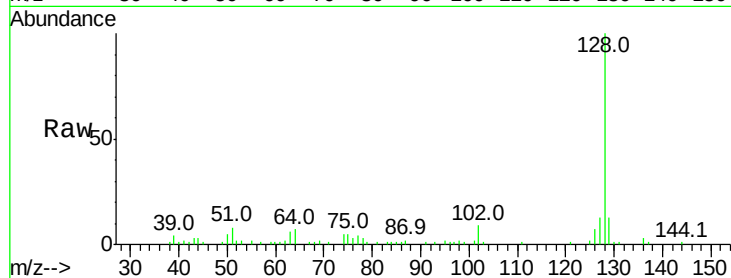
Tot Ion:128 Resp: 43460

Ion Ratio Lower Upper

128 100

129 13.3 8.6 12.8#

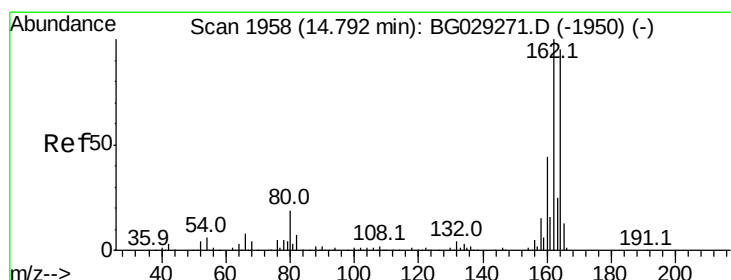
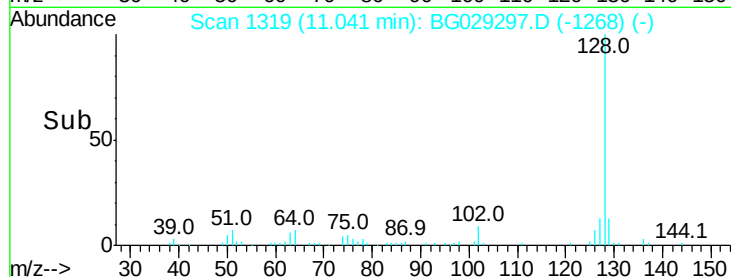
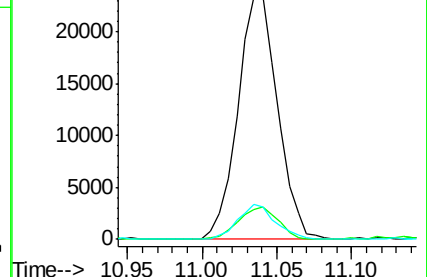
127 13.1 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

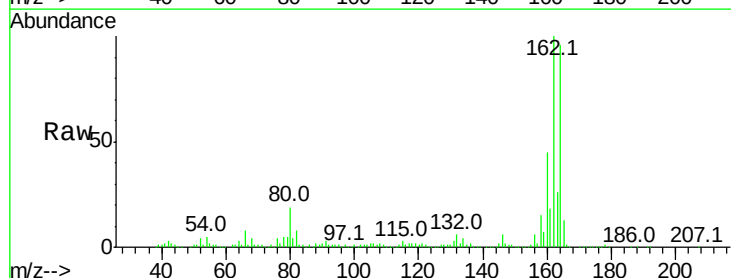
Tgt Ion:164 Resp: 228233

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

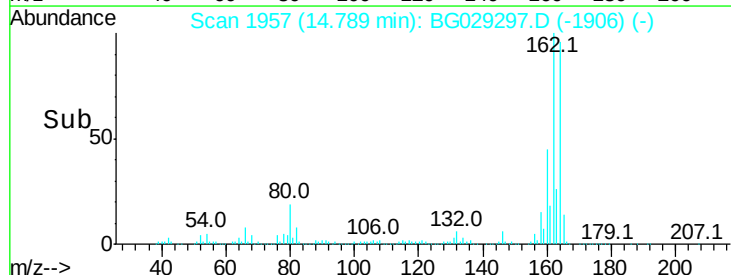
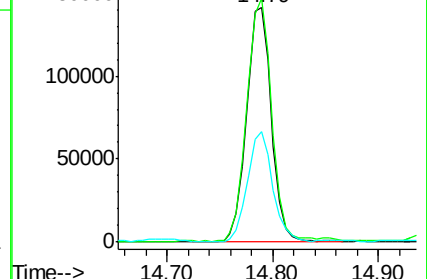
160 47.1 35.4 53.0

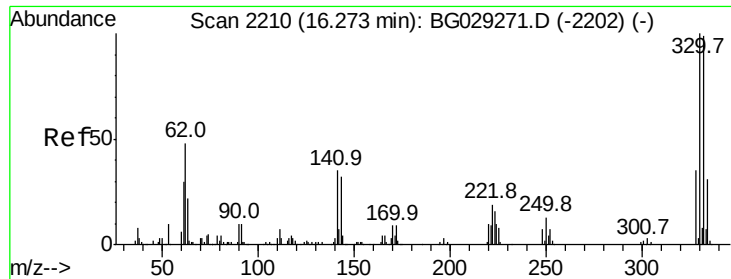


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

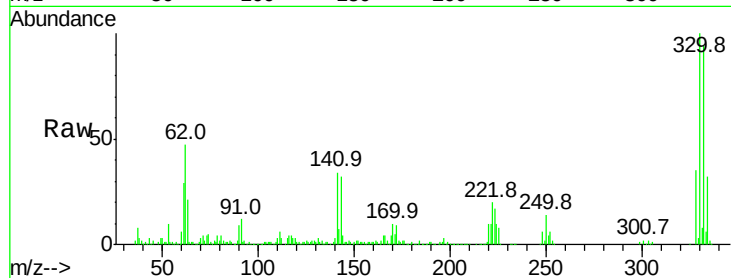




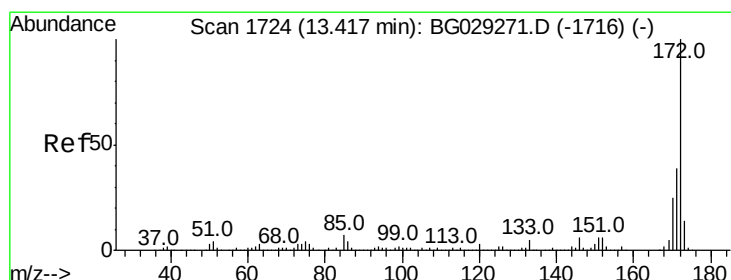
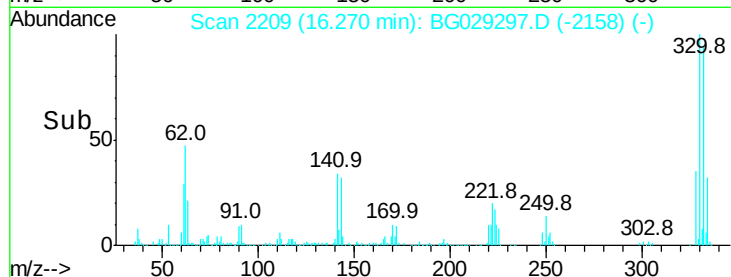
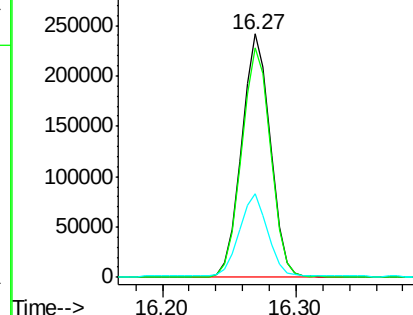
#41
 2,4,6-Tribromophenol
 Concen: 121.846 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029297.D
 Acq: 17 Oct 2017 8:00

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.2	25.2	37.8

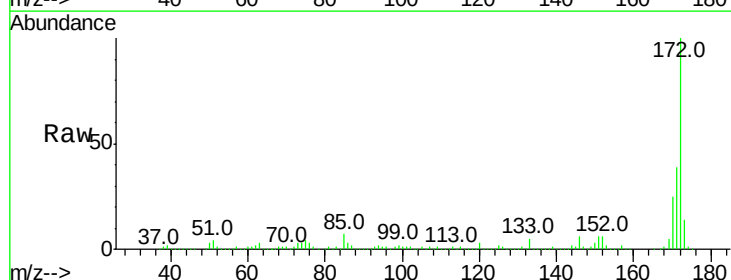


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

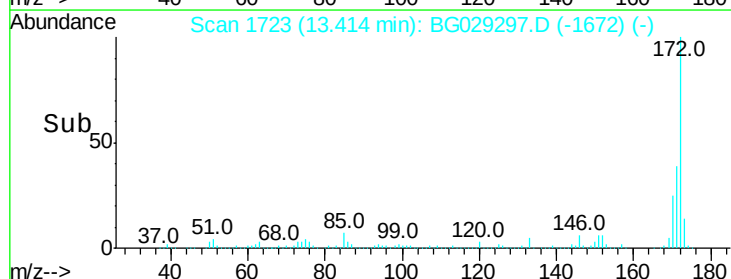
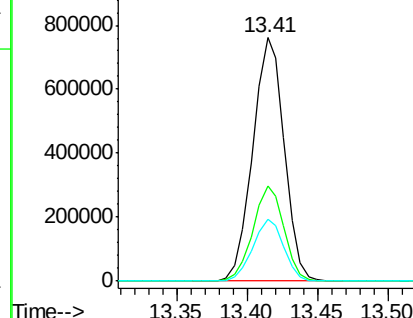


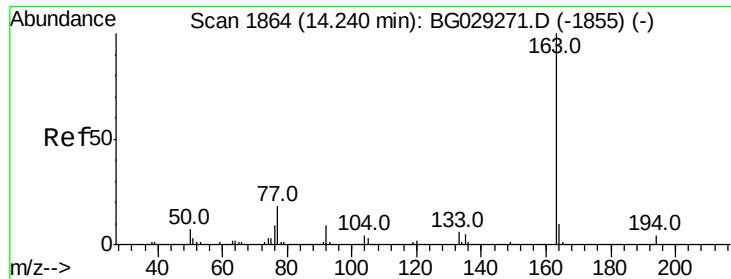
#44
 2-Fluorobiphenyl
 Concen: 76.515 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029297.D
 Acq: 17 Oct 2017 8:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	25.4	19.5	29.3



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: 5.572 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08

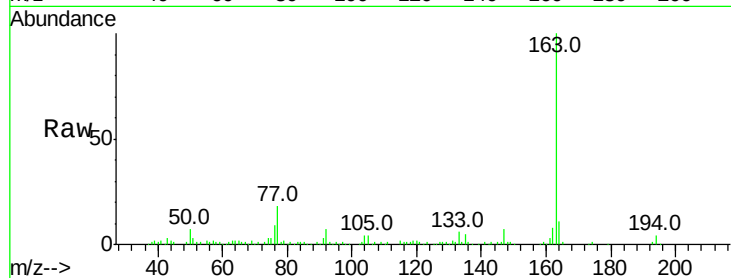
Tot Ion:163 Resp: 99231

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

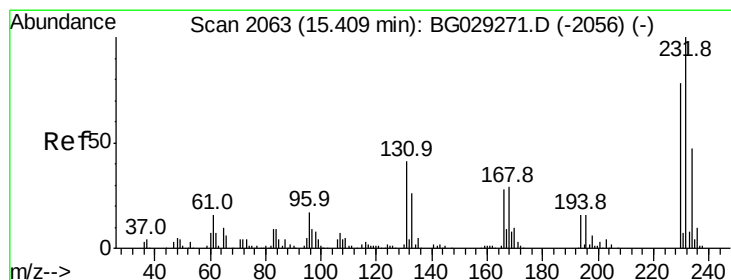
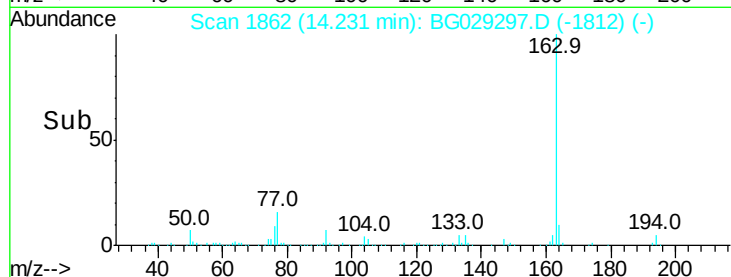
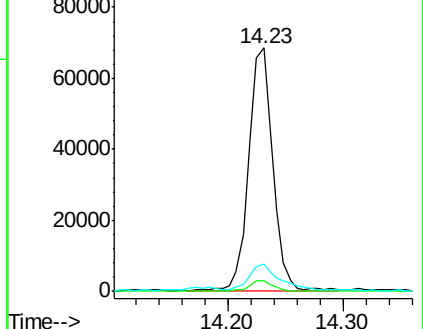
164 11.2 8.2 12.4



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.727 ng

RT: 15.41 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

Tgt Ion:232 Resp: 240801

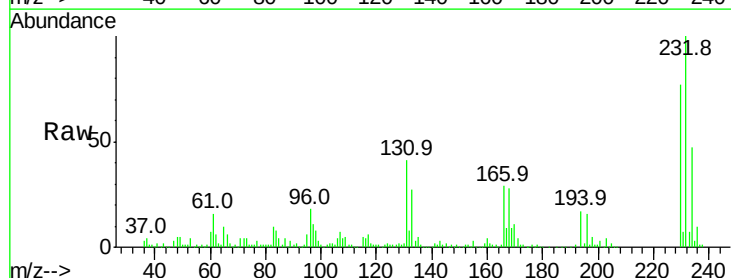
Ion Ratio Lower Upper

232 100

131 42.7 33.5 50.3

130 3.2 2.2 3.2#

166 28.7 24.8 37.2

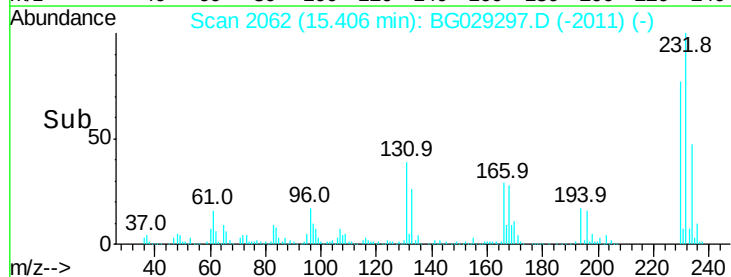
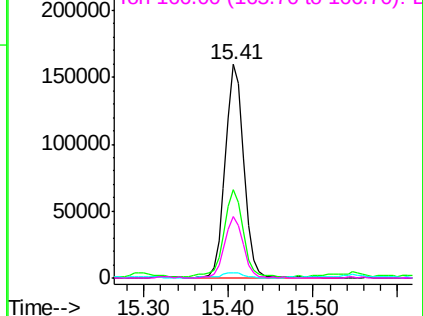


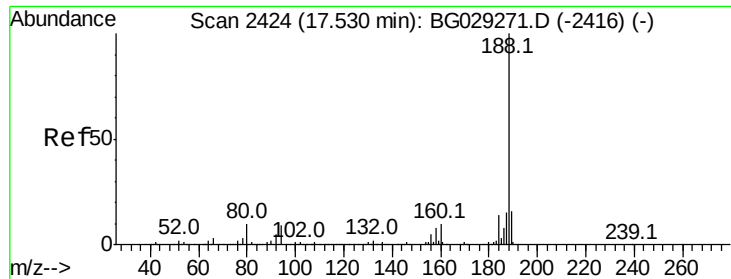
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

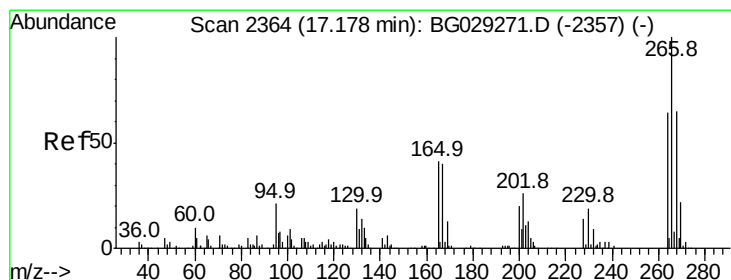
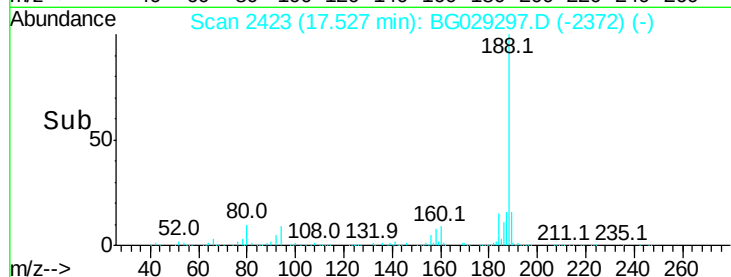
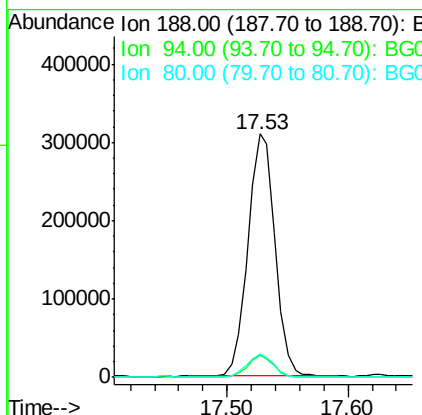
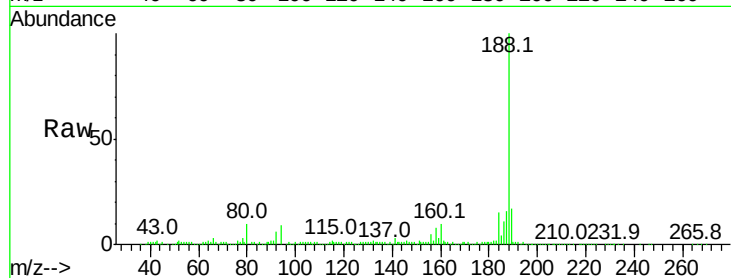




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG029297.D
Acq: 17 Oct 2017 8:00

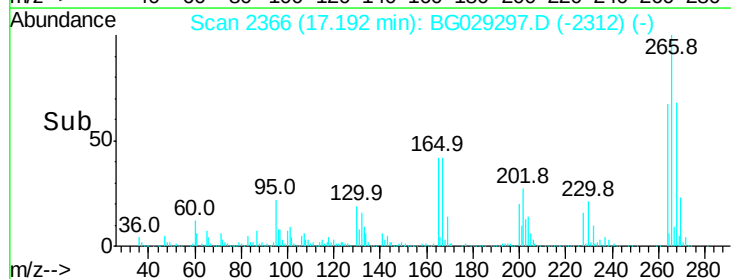
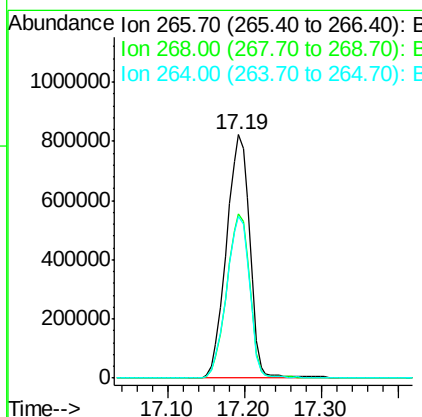
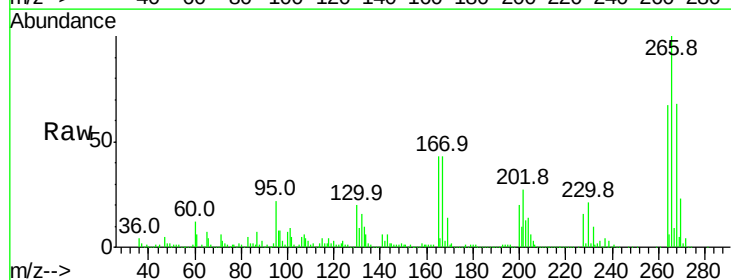
Instrument :
BNA_G
ClientSampleId :
WH-TWS-08

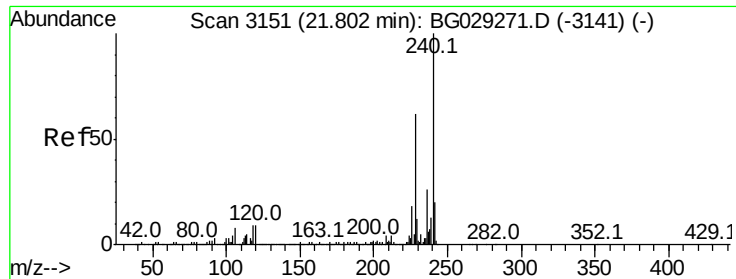
Tot Ion:188 Resp: 481409
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 9.8 7.7 11.5



#69
Pentachlorophenol
Concen: 485.412 ng
RT: 17.19 min Scan# 2366
Delta R.T. 0.01 min
Lab File: BG029297.D
Acq: 17 Oct 2017 8:00

Tgt Ion:266 Resp: 1744815
Ion Ratio Lower Upper
266 100
268 67.6 51.1 76.7
264 66.5 49.6 74.4





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08

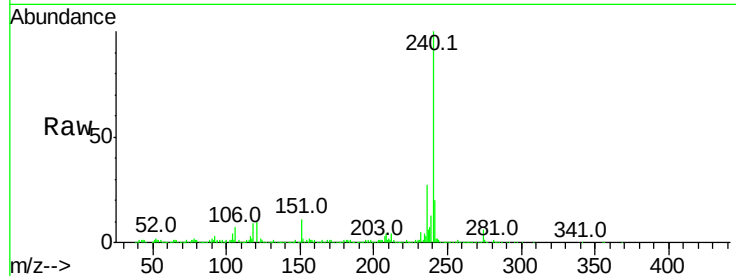
Tot Ion:240 Resp: 525950

Ion Ratio Lower Upper

240 100

120 10.1 6.8 10.2

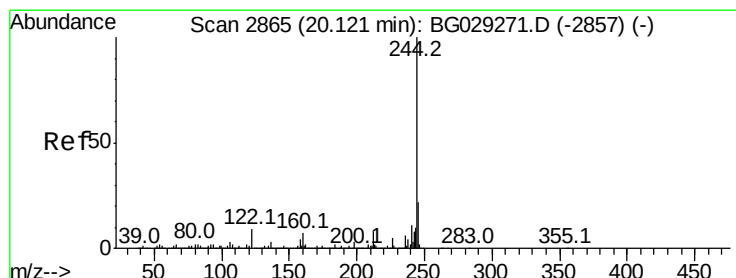
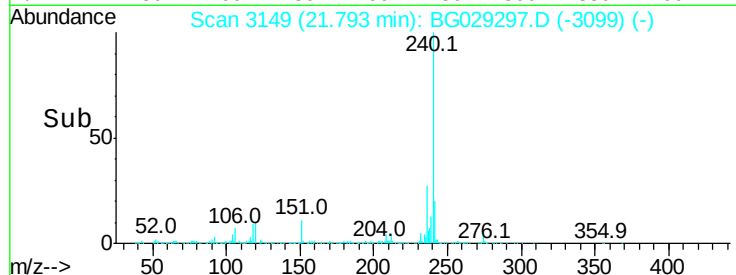
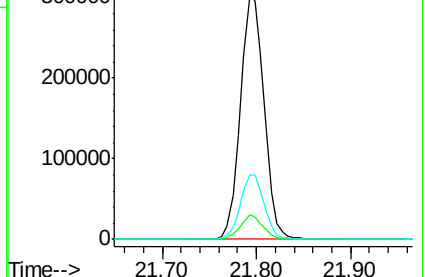
236 26.7 20.9 31.3



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: 73.404 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029297.D

Acq: 17 Oct 2017 8:00

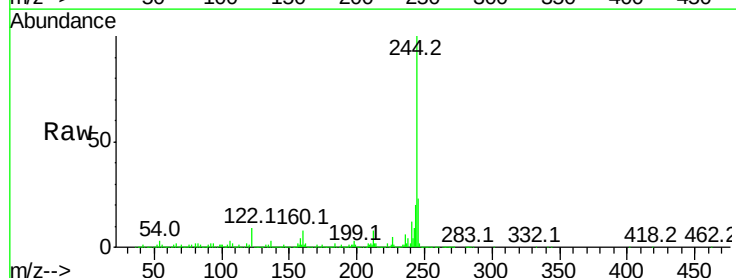
Tgt Ion:244 Resp: 1697060

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

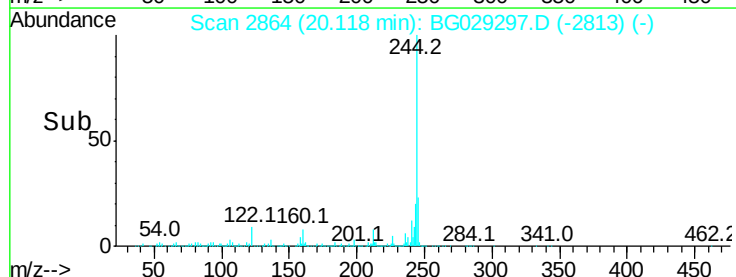
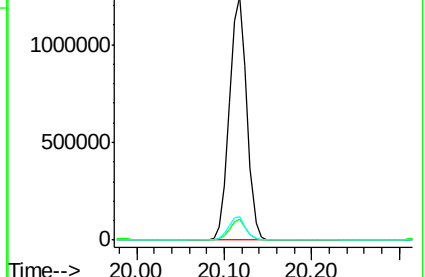
122 9.4 7.0 10.4

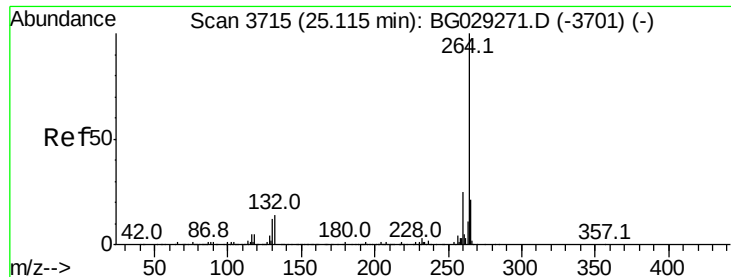


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

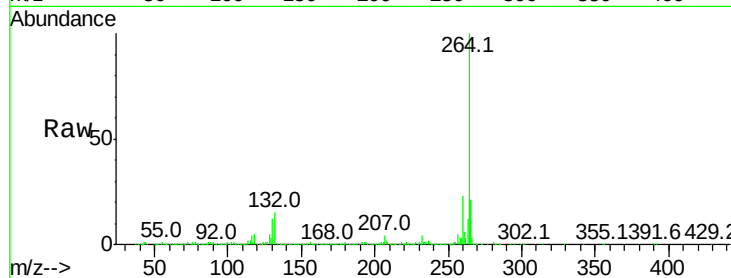




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG029297.D
 Acq: 17 Oct 2017 8:00

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.5	17.7	26.5



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

