

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029354.D
 Acq On : 19 Oct 2017 5:47
 Operator : SJ/JU
 Sample : I5906-18DL 25X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08DL

Quant Time: Oct 19 17:01:28 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

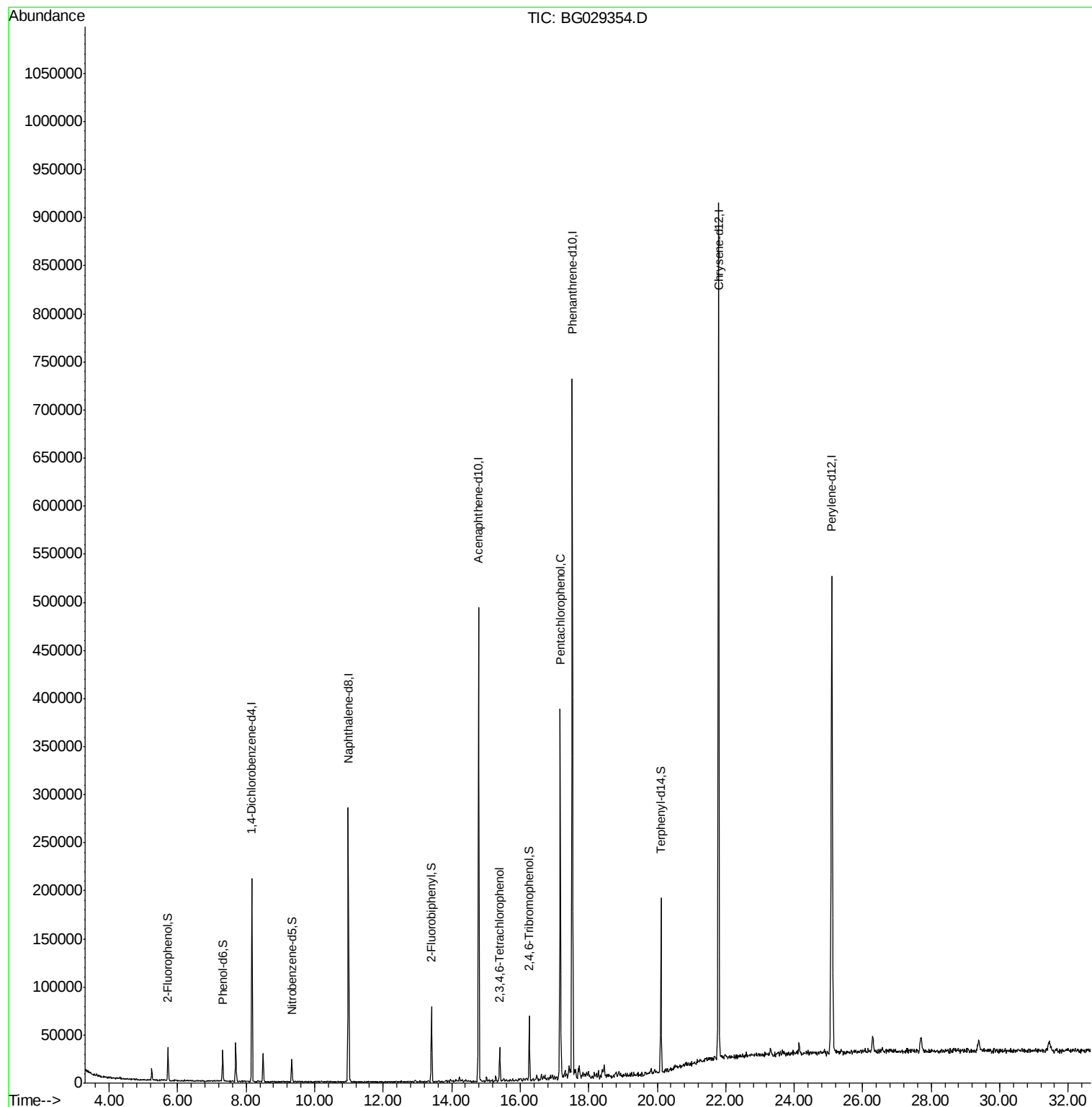
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58117	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	259632	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	171586	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	440619	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	518945	20.00	ng	-0.01
86) Perylene-d12	25.10	264	525884	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	16218	4.66	ng	0.00
7) Phenol-d6	7.31	99	19486	3.99	ng	-0.01
23) Nitrobenzene-d5	9.33	82	14636	3.58	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	12841	5.80	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	44717	3.82	ng	-0.01
78) Terphenyl-d14	20.11	244	84807	3.72	ng	-0.01
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	15.40	232	7704	2.286	ng	Qvalue # 99
69) Pentachlorophenol	17.17	266	74749	22.720	ng	96

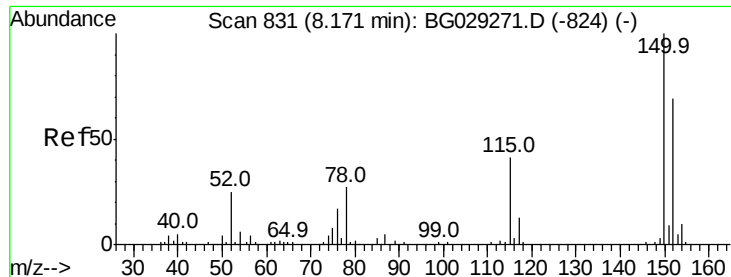
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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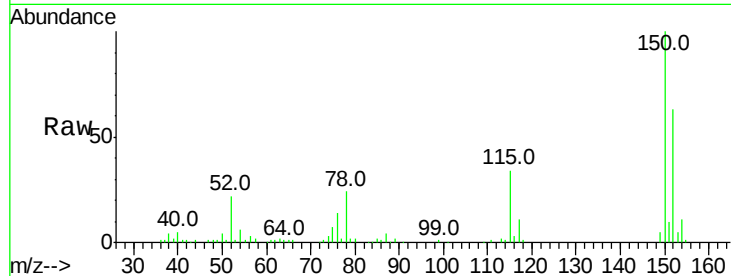


#1

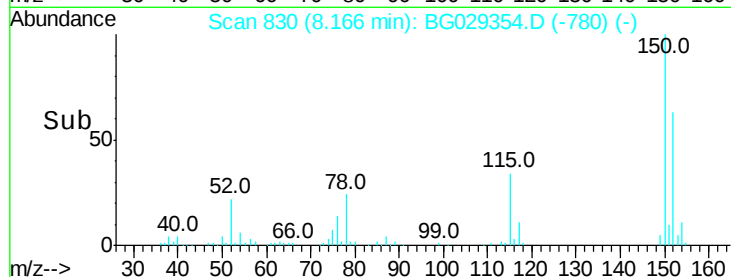
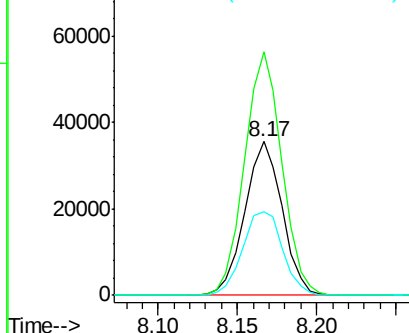
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029354.D
Acq: 19 Oct 2017 5:47

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tot Ion:152 Resp: 58117
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 54.0 53.0 79.4



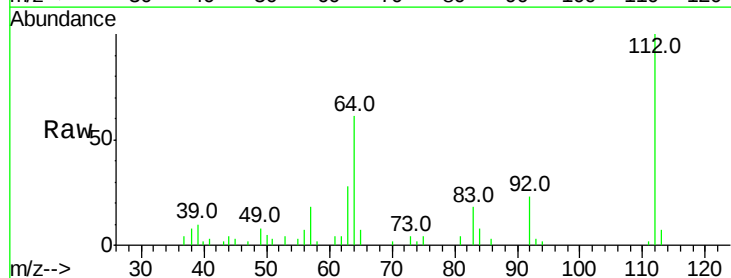
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



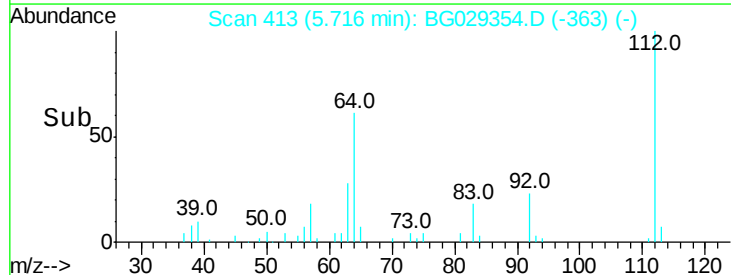
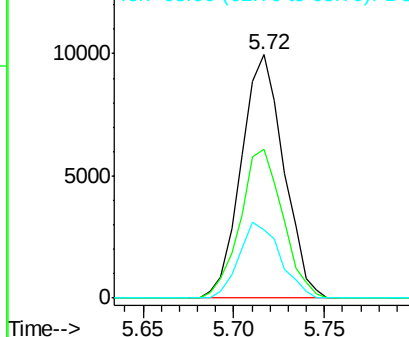
#5

2-Fluorophenol
Concen: 4.662 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029354.D
Acq: 19 Oct 2017 5:47

Tgt Ion:112 Resp: 16218
Ion Ratio Lower Upper
112 100
64 61.2 56.3 84.5
63 28.2 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: 3.990 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08DL

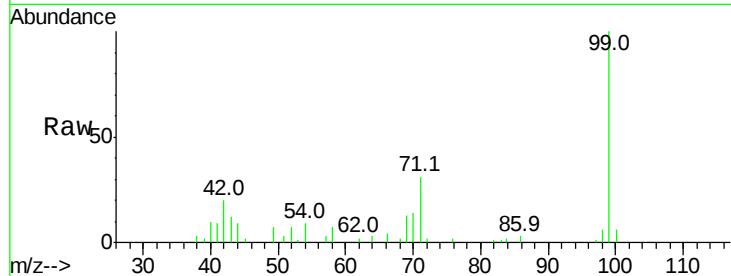
Tot Ion: 99 Resp: 19486

Ion Ratio Lower Upper

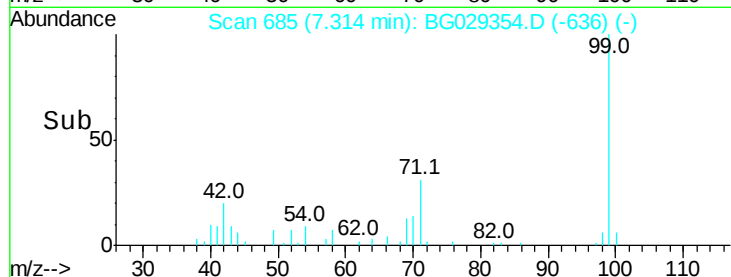
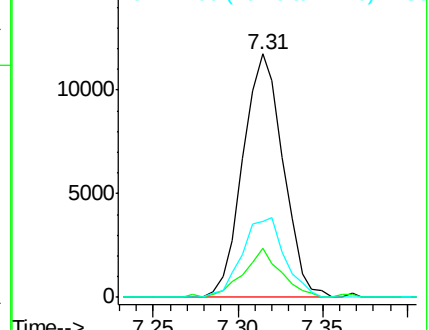
99 100

42 20.4 14.1 21.1

71 31.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

Tgt Ion: 136 Resp: 259632

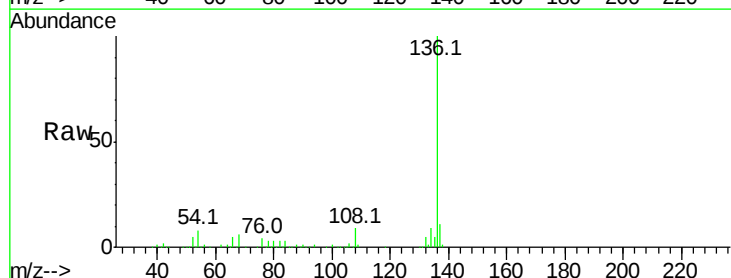
Ion Ratio Lower Upper

136 100

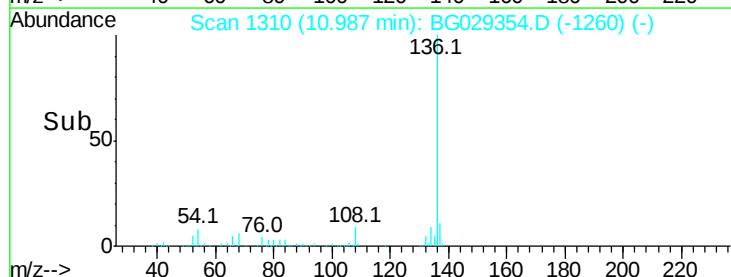
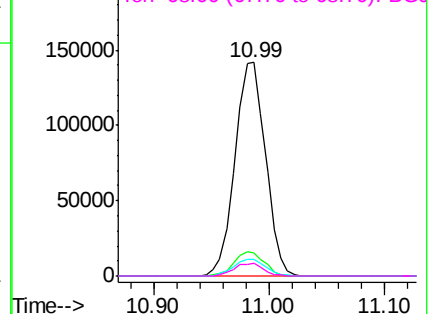
137 10.9 9.2 13.8

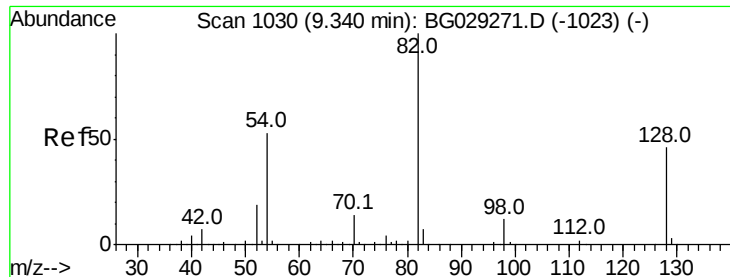
54 7.7 10.3 15.5#

68 6.2 4.5 6.7



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

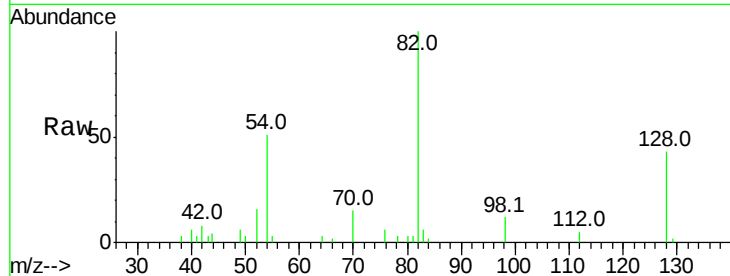




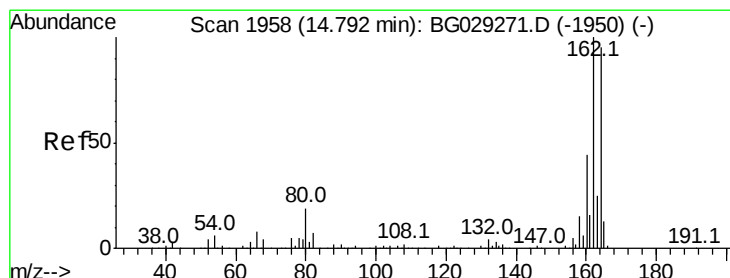
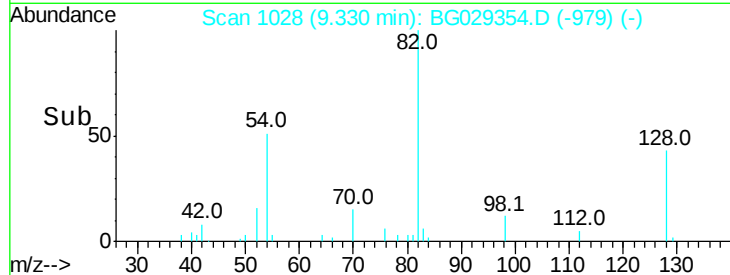
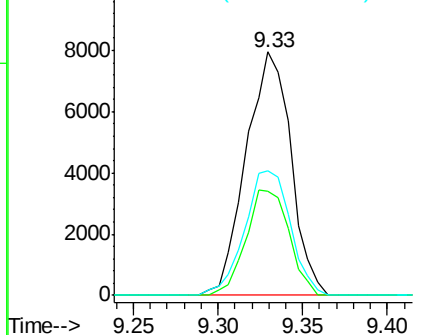
#23
 Nitrobenzene-d5
 Concen: 3.582 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08DL

Tot Ion	82	Resp	14636
Ion Ratio	100	Lower	Upper
128	42.7	29.7	44.5
54	51.2	43.1	64.7

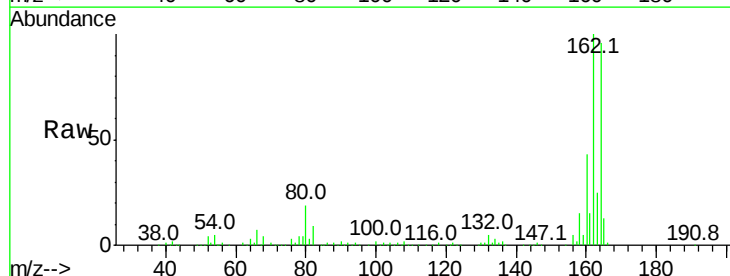


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

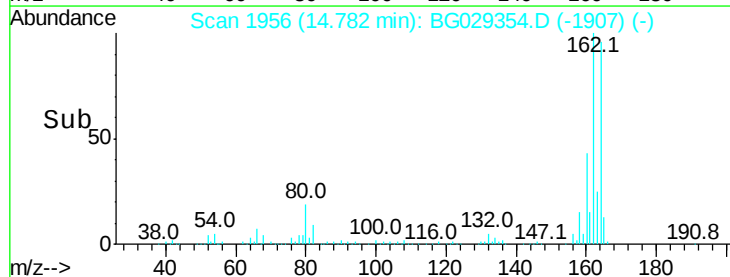
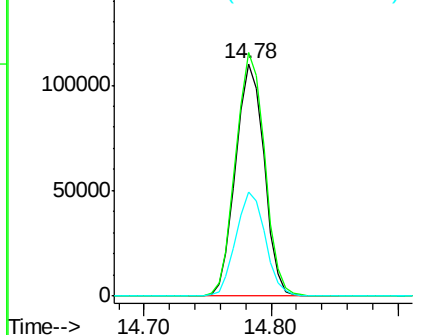


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Tgt Ion	164	Resp	171586
Ion Ratio	100	Lower	Upper
162	104.7	78.8	118.2
160	44.8	35.4	53.0



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

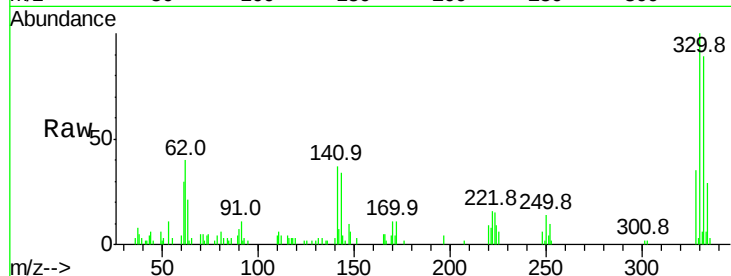




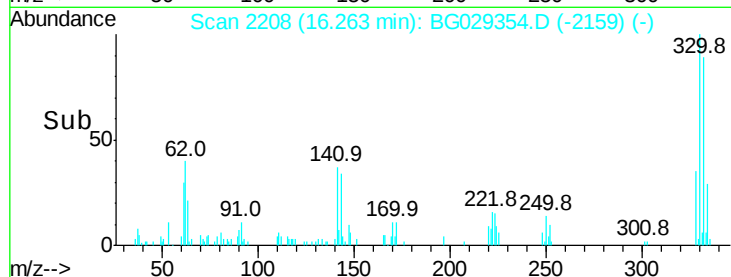
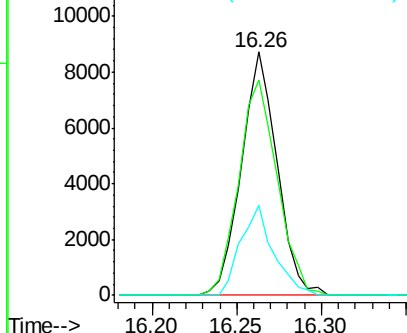
#41
 2,4,6-Tribromophenol
 Concen: 5.796 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08DL

Tot Ion:330 Resp: 12841
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 34.0 25.2 37.8

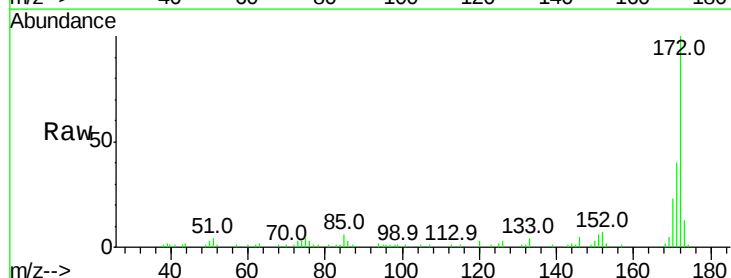


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

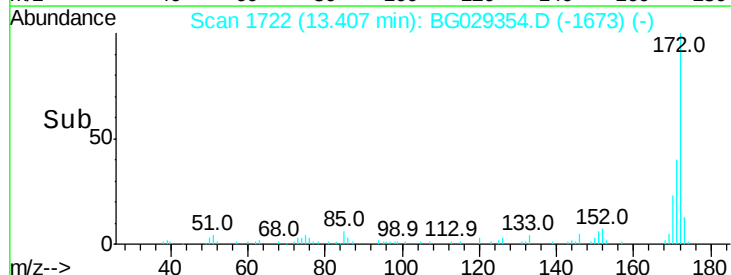
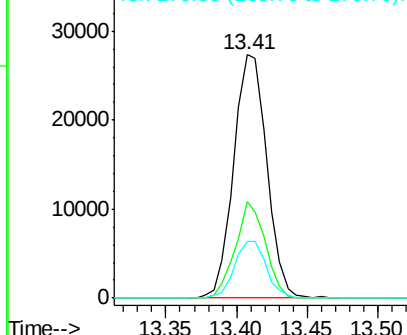


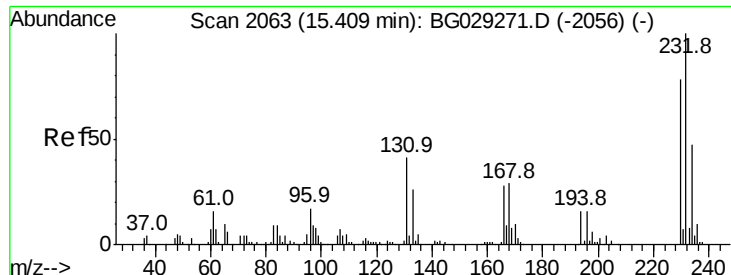
#44
 2-Fluorobiphenyl
 Concen: 3.822 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Tgt Ion:172 Resp: 44717
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.0 45.0
 170 23.4 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

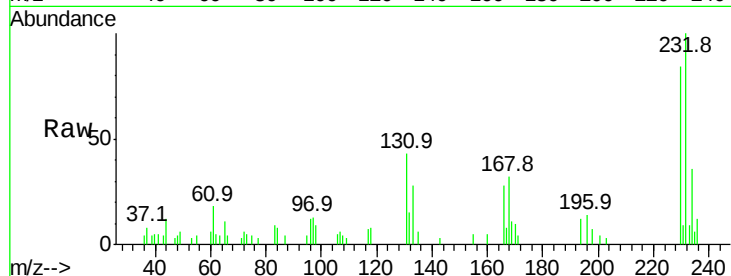




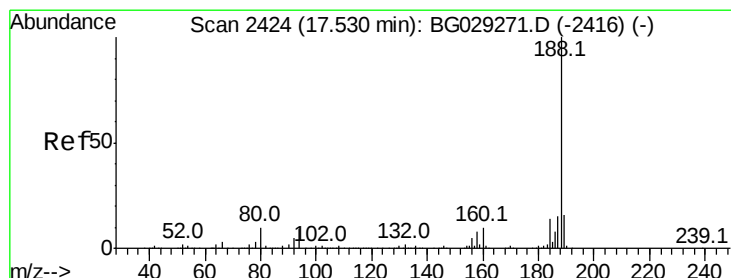
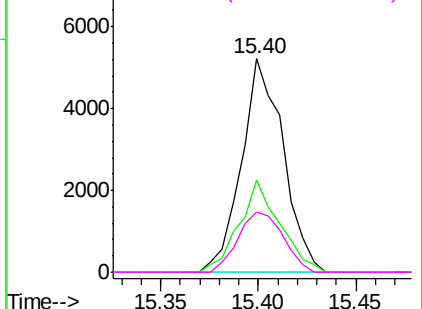
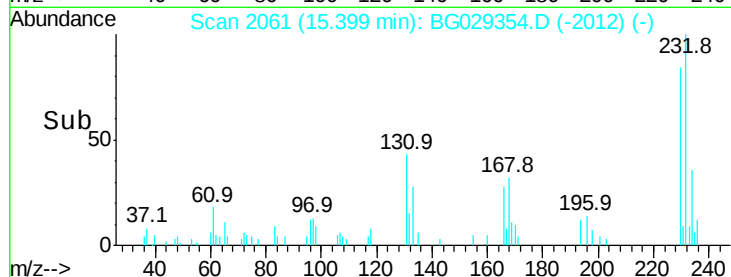
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.286 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08DL

Tot Ion:232 Resp: 7704
 Ion Ratio Lower Upper
 232 100
 131 42.1 33.5 50.3
 130 0.0 2.2 3.2#
 166 30.4 24.8 37.2

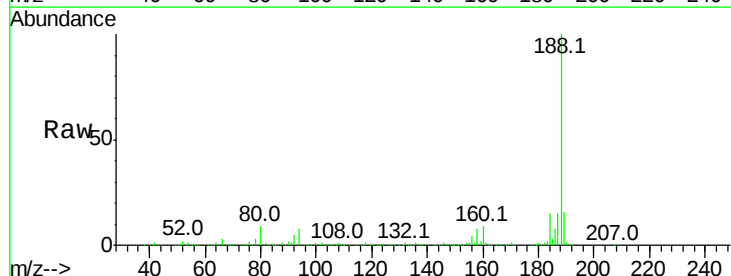


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

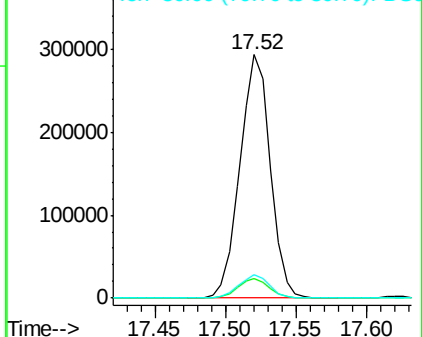
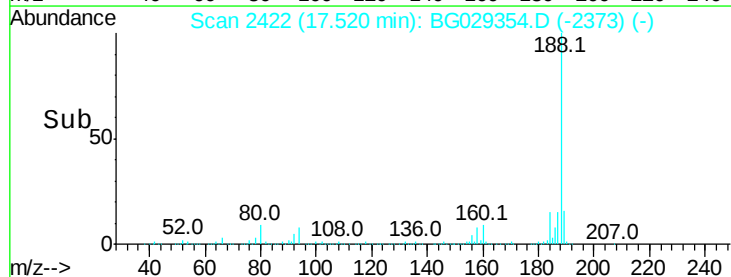


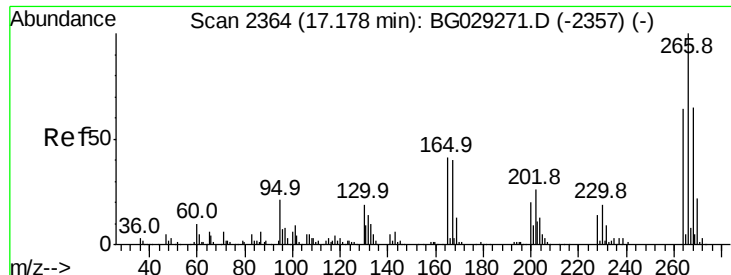
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Tgt Ion:188 Resp: 440619
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.9 10.3
 80 9.4 7.7 11.5



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

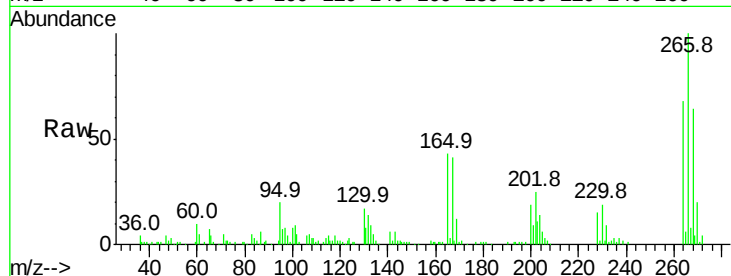




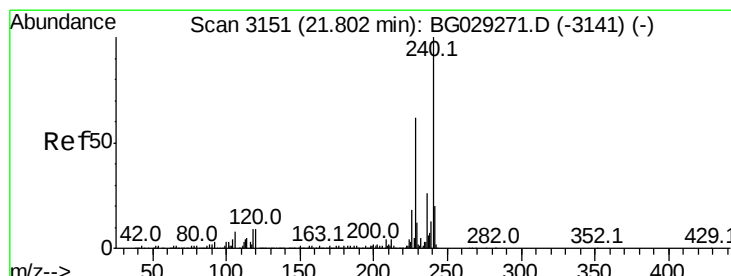
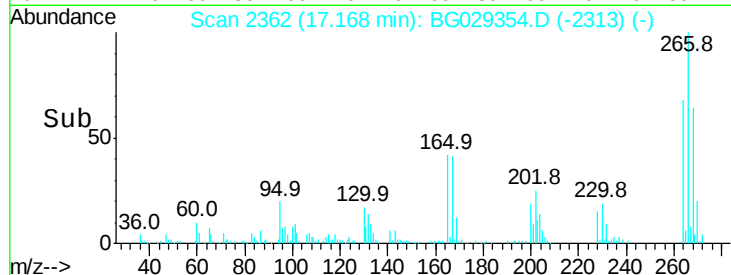
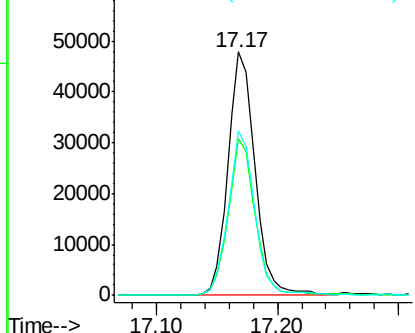
#69
 Pentachlorophenol
 Concen: 22.720 ng
 RT: 17.17 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08DL

Tot Ion:266 Resp: 74749
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 67.6 49.6 74.4

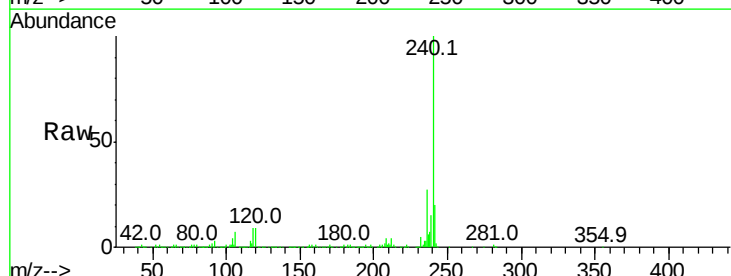


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

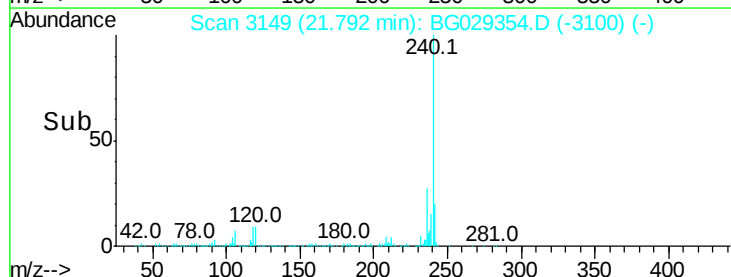
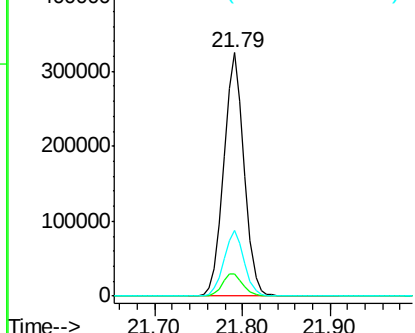


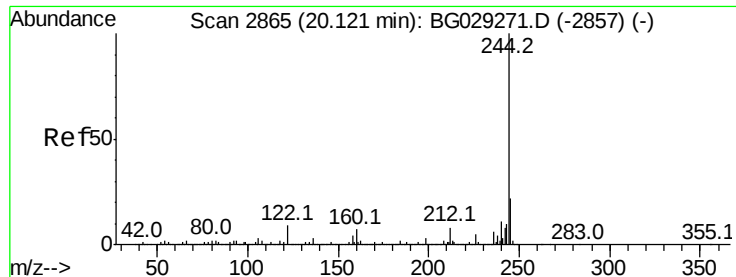
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG029354.D
 Acq: 19 Oct 2017 5:47

Tgt Ion:240 Resp: 518945
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.8 10.2
 236 27.1 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: 3.718 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08DL

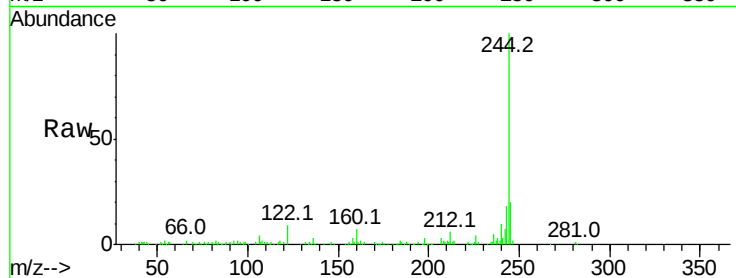
Tot Ion:244 Resp: 84807

Ion Ratio Lower Upper

244 100

212 6.1 5.8 8.8

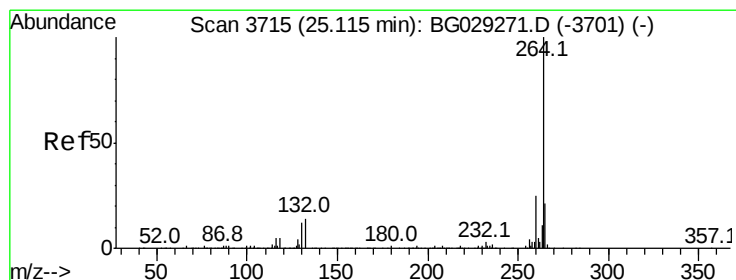
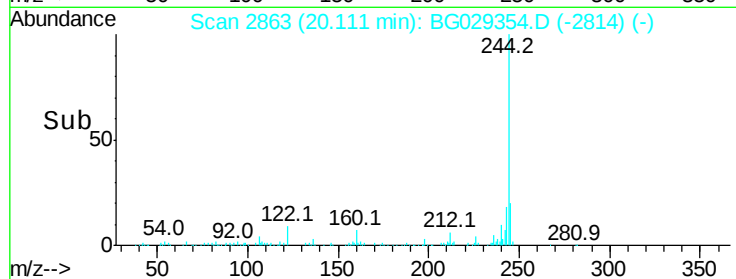
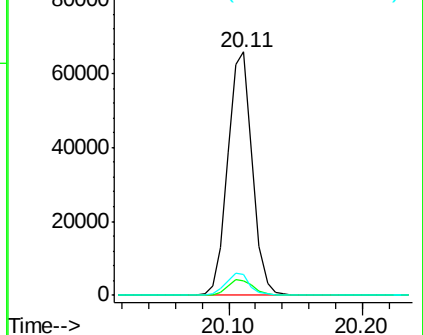
122 8.5 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029354.D

Acq: 19 Oct 2017 5:47

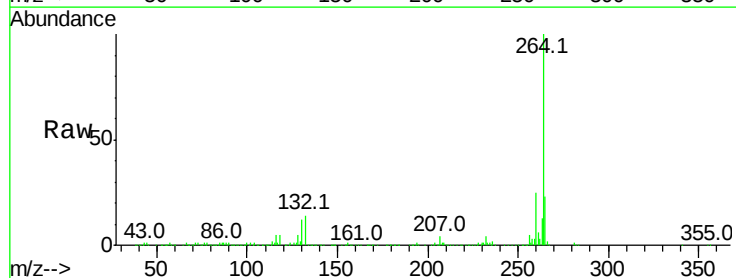
Tgt Ion:264 Resp: 525884

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 22.9 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

