

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
 Data File : BG029336.D
 Acq On : 18 Oct 2017 16:26
 Operator : SJ/JU
 Sample : I5906-18DL 25X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08DL

Quant Time: Oct 18 17:21:23 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

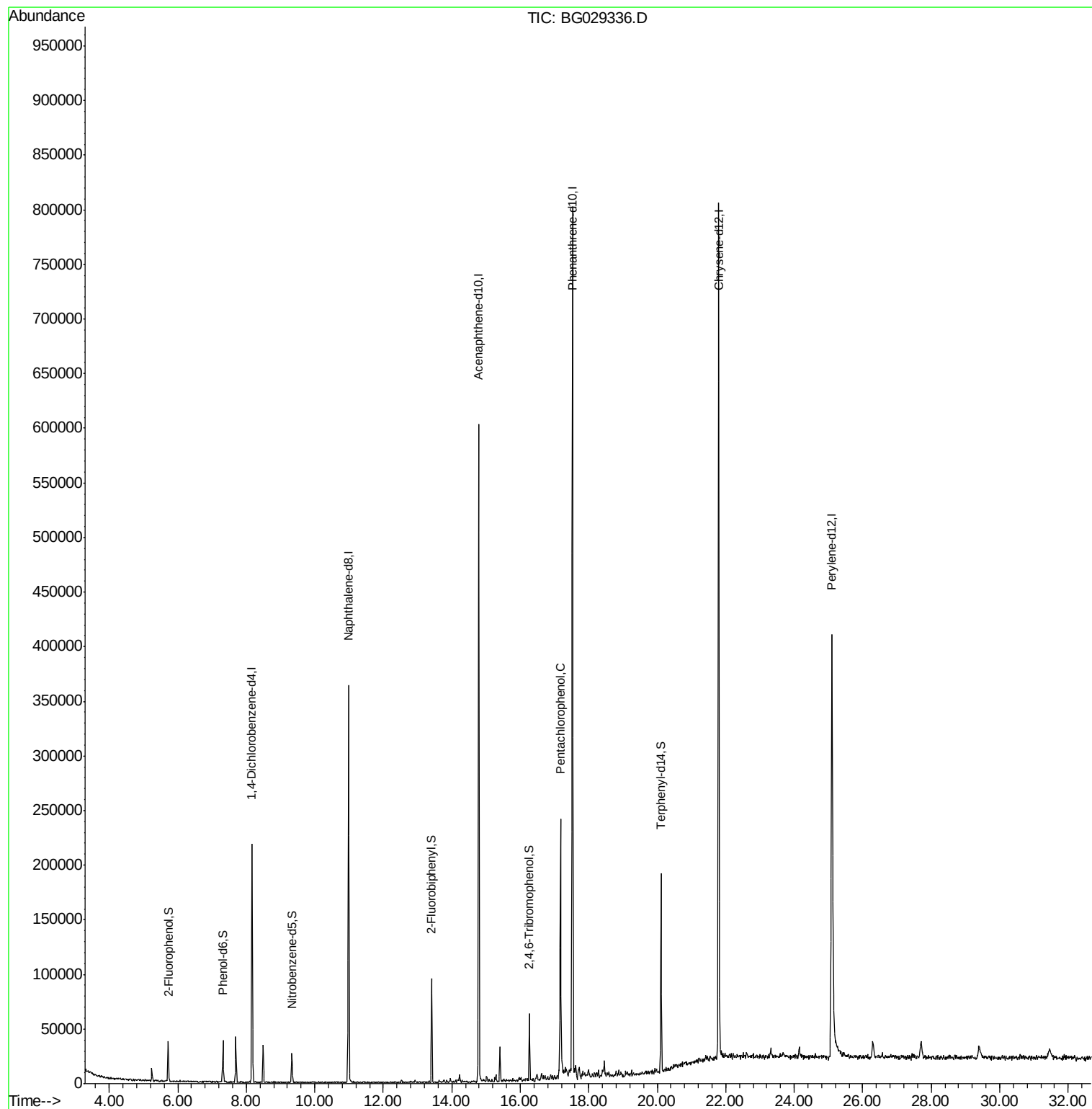
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65111	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	323698	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	210435	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	476472	20.00	ng	0.00
75) Chrysene-d12	21.79	240	507362	20.00	ng	-0.01
86) Perylene-d12	25.10	264	505709	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	17638	4.53	ng	0.00
7) Phenol-d6	7.32	99	24317	4.44	ng	0.00
23) Nitrobenzene-d5	9.33	82	17351	3.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	11818	4.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	54822	3.82	ng	0.00
78) Terphenyl-d14	20.11	244	82489	3.70	ng	-0.01
Target Compounds						
69) Pentachlorophenol	17.17	266	51668	14.523	ng	Qvalue 96

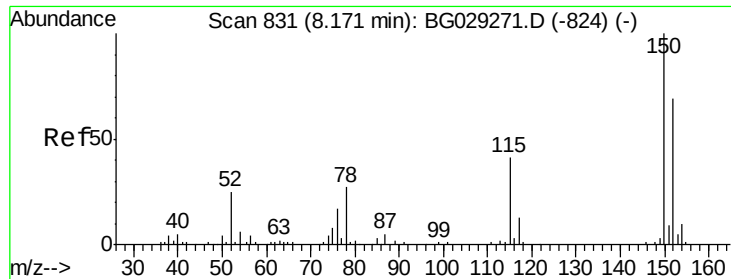
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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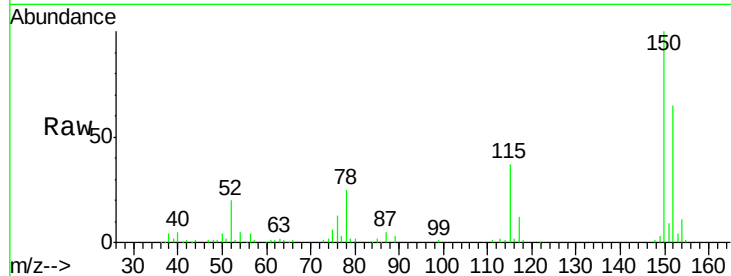


#1

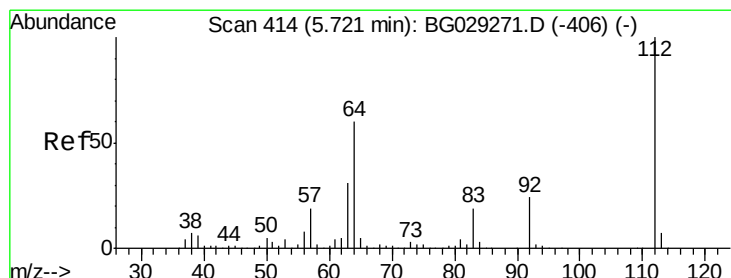
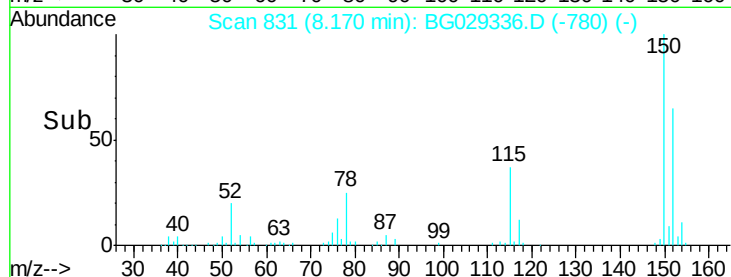
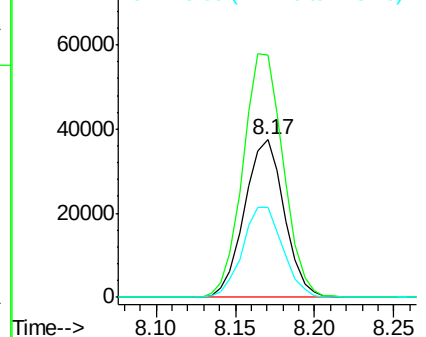
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion:152 Resp: 65111
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 57.3 53.0 79.4



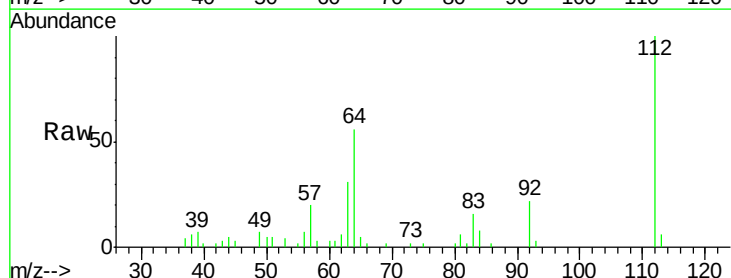
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



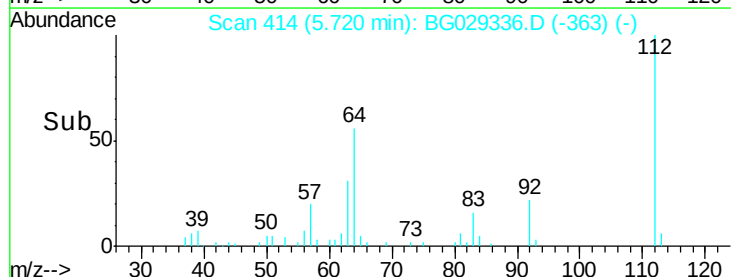
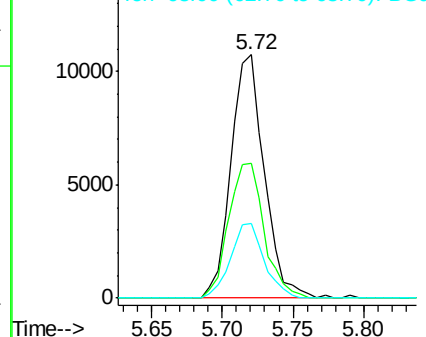
#5

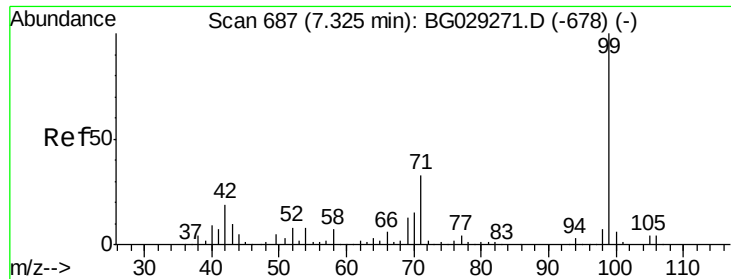
2-Fluorophenol
Concen: 4.525 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Tgt Ion:112 Resp: 17638
Ion Ratio Lower Upper
112 100
64 55.5 56.3 84.5#
63 30.6 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: 4.445 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029336.D

Acq: 18 Oct 2017 16:26

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08DL

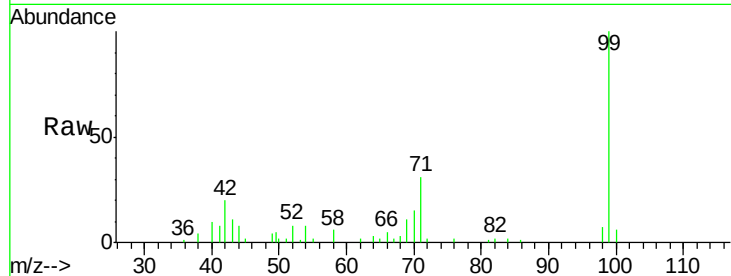
Tgt Ion: 99 Resp: 24317

Ion Ratio Lower Upper

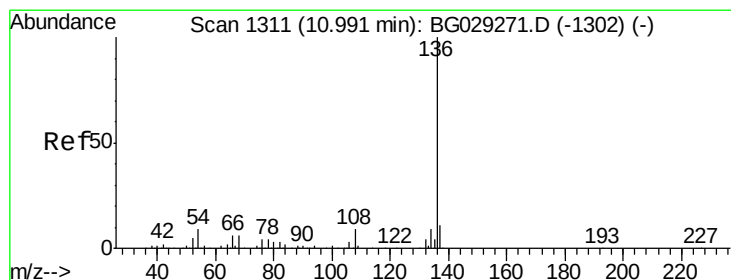
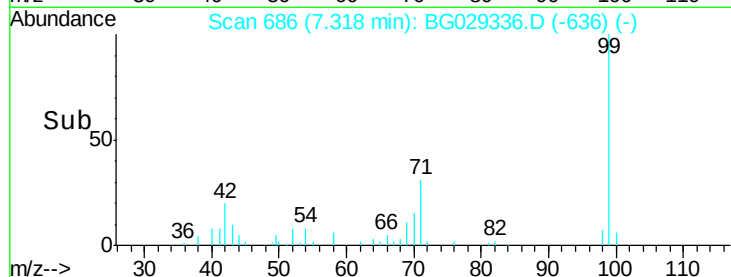
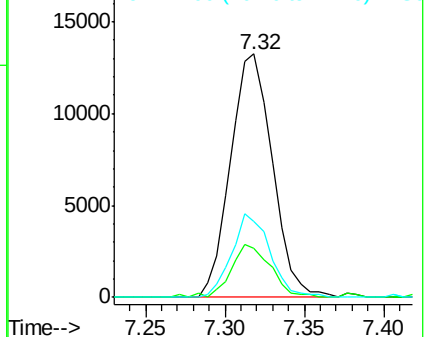
99 100

42 20.2 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: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029336.D

Acq: 18 Oct 2017 16:26

Tgt Ion: 136 Resp: 323698

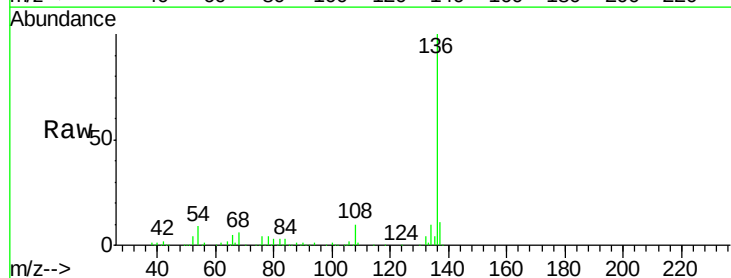
Ion Ratio Lower Upper

136 100

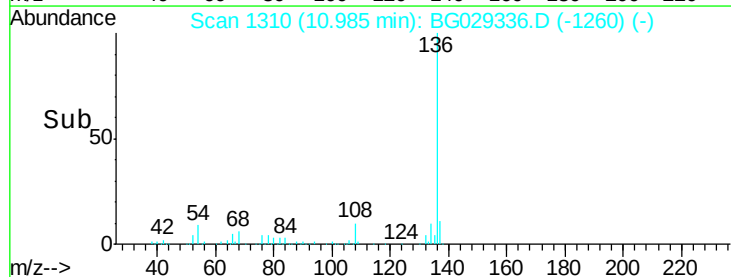
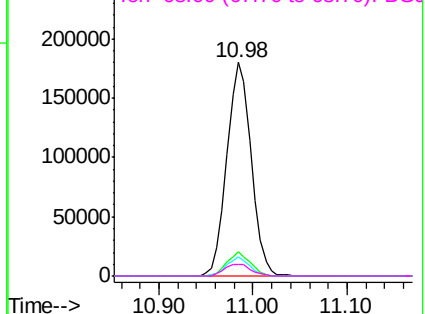
137 11.4 9.2 13.8

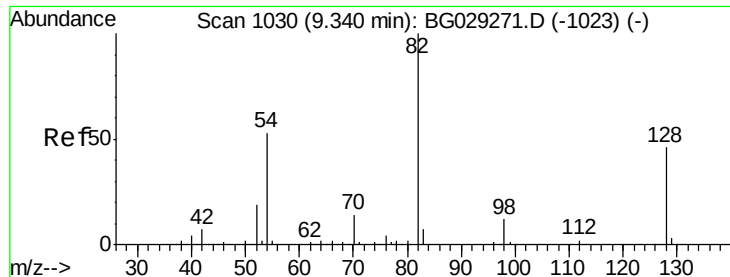
54 8.8 10.3 15.5#

68 5.6 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

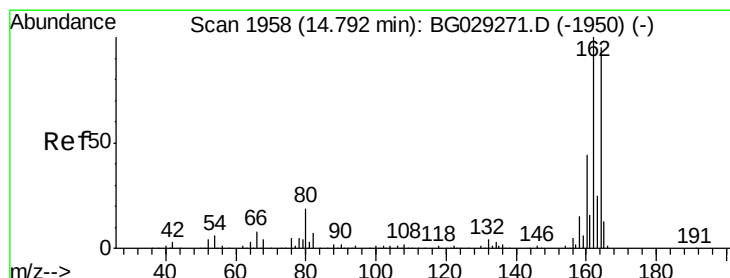
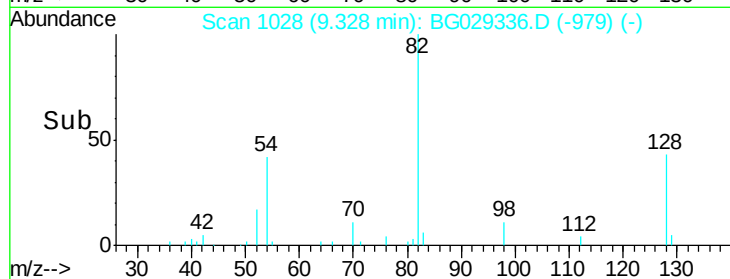
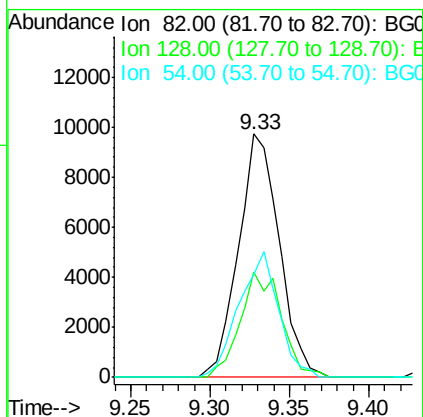
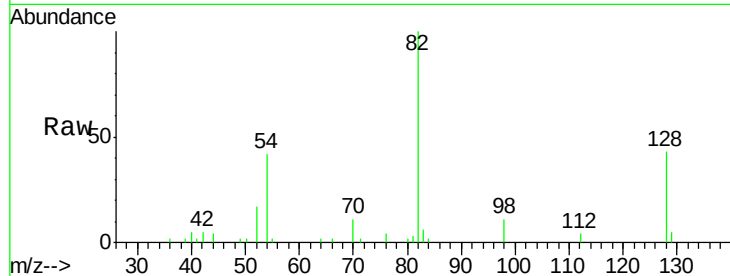




#23
 Nitrobenzene-d5
 Concen: 3.406 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029336.D
 Acq: 18 Oct 2017 16:26

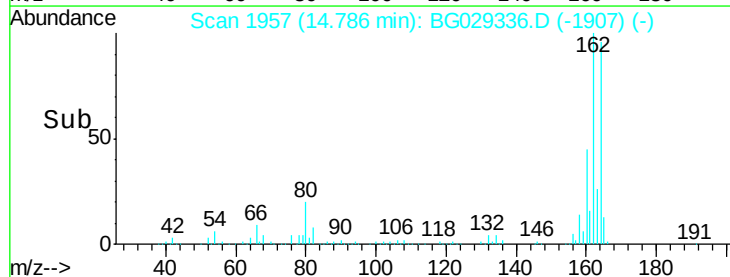
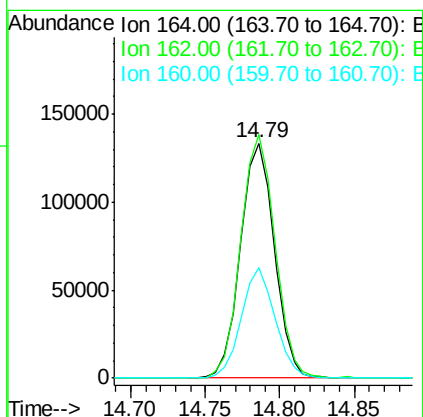
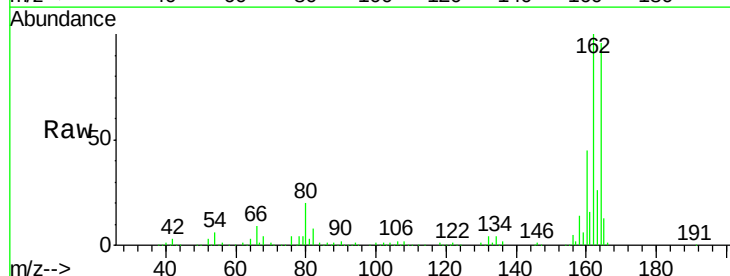
Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08DL

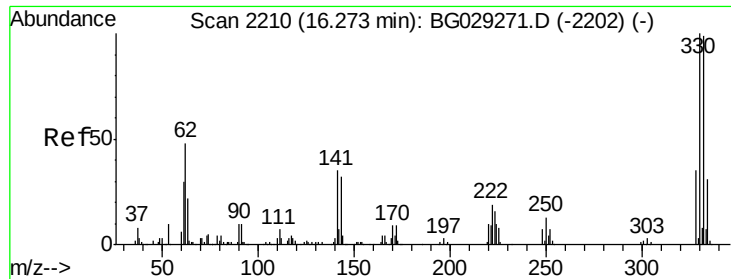
Tgt Ion: 82 Resp: 17351
 Ion Ratio Lower Upper
 82 100
 128 43.3 29.7 44.5
 54 42.2 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG029336.D
 Acq: 18 Oct 2017 16:26

Tgt Ion: 164 Resp: 210435
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 46.8 35.4 53.0

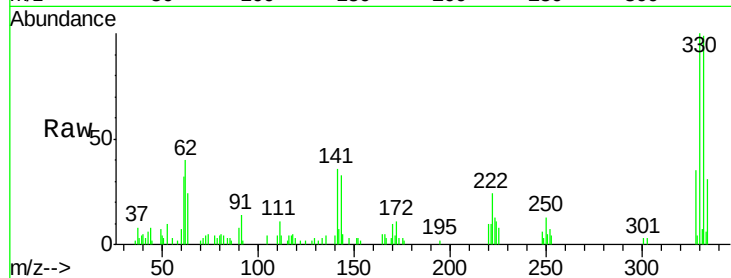




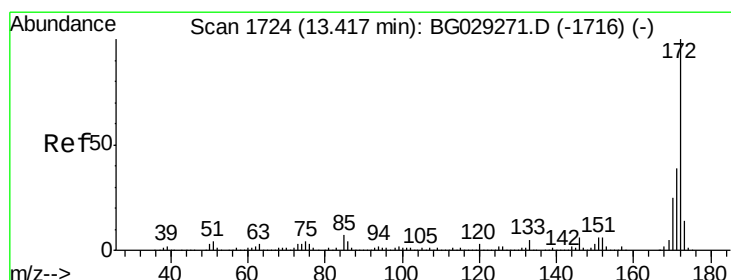
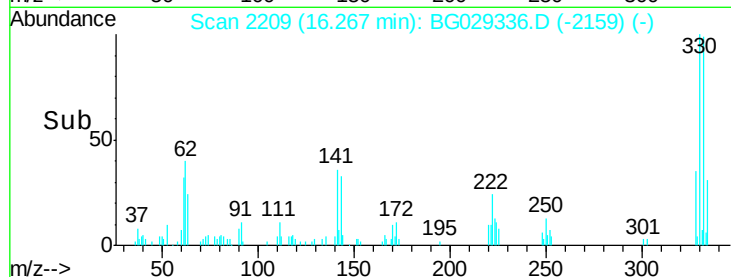
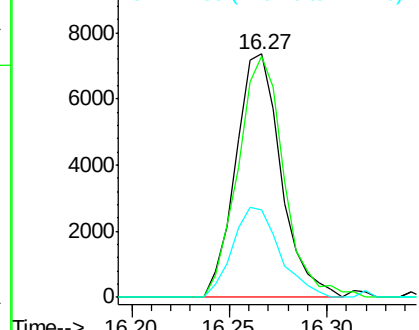
#41
 2,4,6-Tribromophenol
 Concen: 4.350 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029336.D
 Acq: 18 Oct 2017 16:26

Instrument :
 BNA_G
 ClientSampleId :
 WH-TWS-08DL

Tgt Ion:330 Resp: 11818
 Ion Ratio Lower Upper
 330 100
 332 100.5 77.0 115.6
 141 38.5 25.2 37.8#

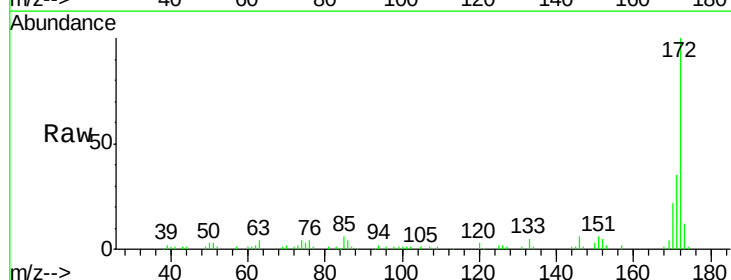


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

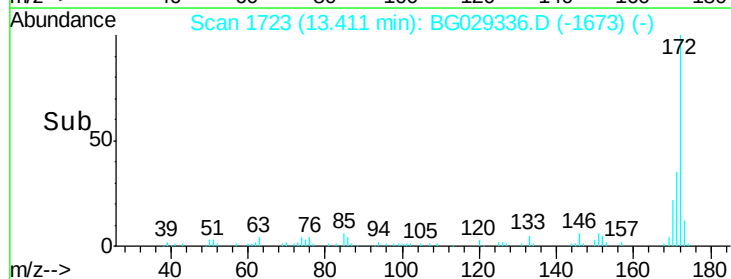
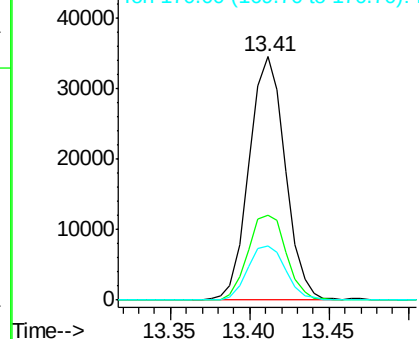


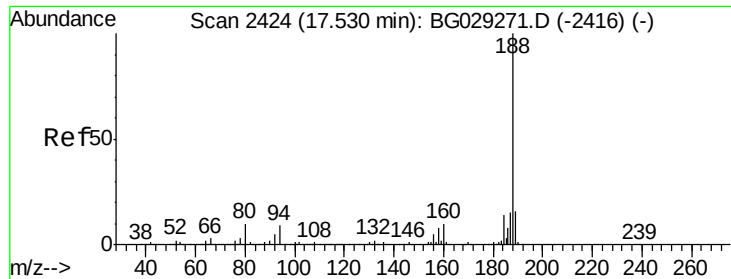
#44
 2-Fluorobiphenyl
 Concen: 3.821 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029336.D
 Acq: 18 Oct 2017 16:26

Tgt Ion:172 Resp: 54822
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 22.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029336.D

Acq: 18 Oct 2017 16:26

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08DL

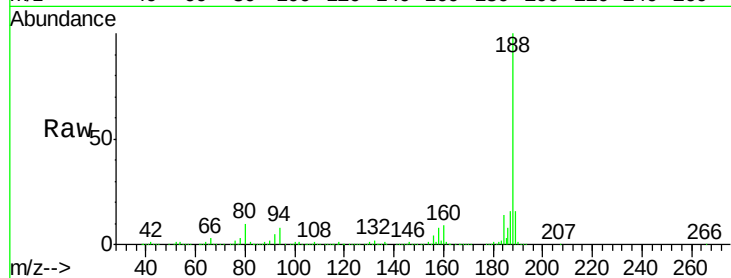
Tgt Ion:188 Resp: 476472

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

80 9.7 7.7 11.5

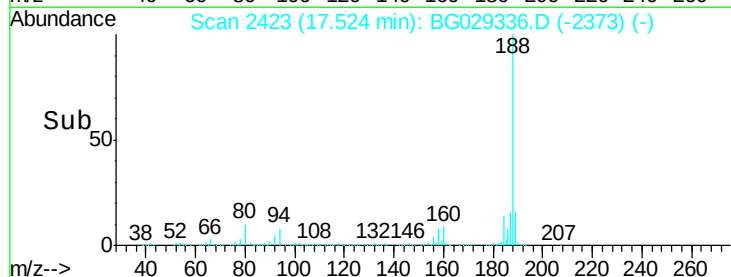


Abundance Ion 188.00 (187.70 to 188.70): E

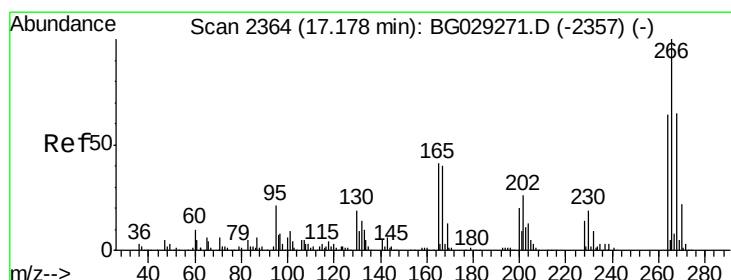
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#69

Pentachlorophenol

Concen: 14.523 ng

RT: 17.17 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG029336.D

Acq: 18 Oct 2017 16:26

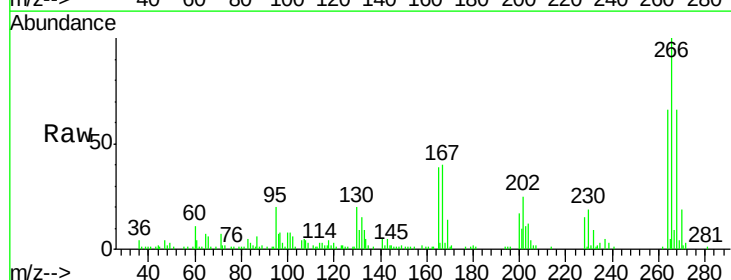
Tgt Ion:266 Resp: 51668

Ion Ratio Lower Upper

266 100

268 66.3 51.1 76.7

264 66.1 49.6 74.4

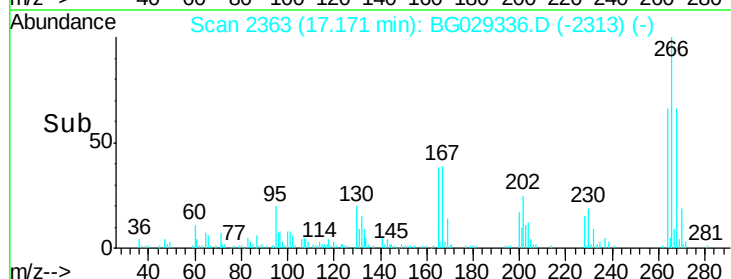


Abundance Ion 265.70 (265.40 to 266.40): E

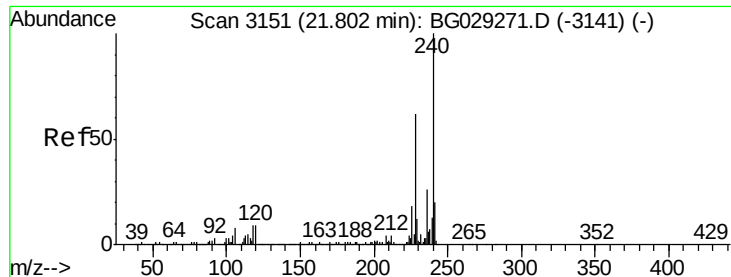
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029336.D

Acq: 18 Oct 2017 16:26

Instrument :

BNA_G

ClientSampleId :

WH-TWS-08DL

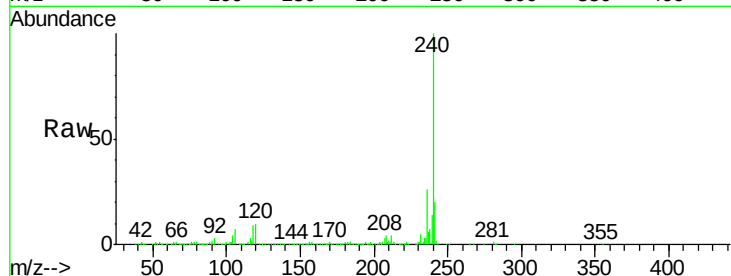
Tgt Ion:240 Resp: 507362

Ion Ratio Lower Upper

240 100

120 9.9 6.8 10.2

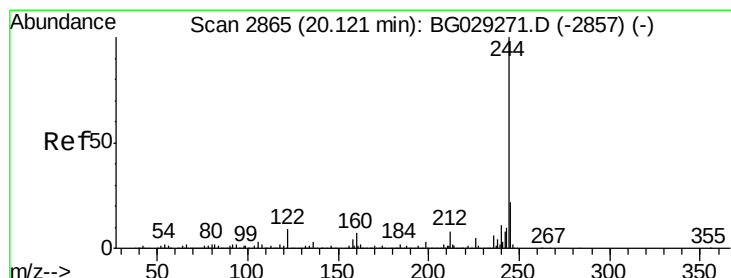
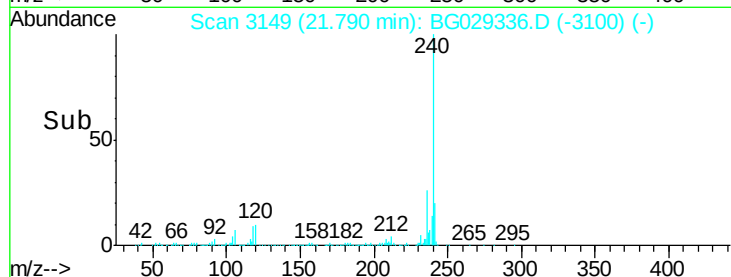
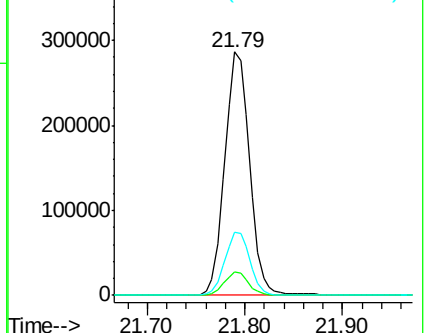
236 25.9 20.9 31.3



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: 3.699 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029336.D

Acq: 18 Oct 2017 16:26

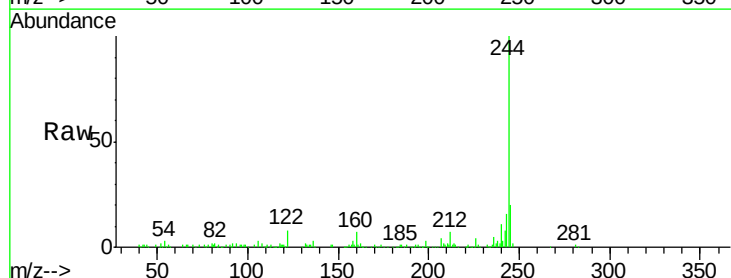
Tgt Ion:244 Resp: 82489

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

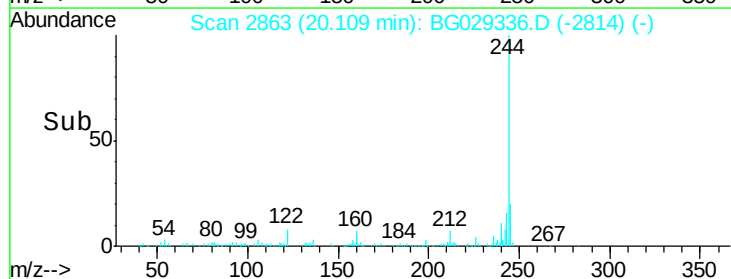
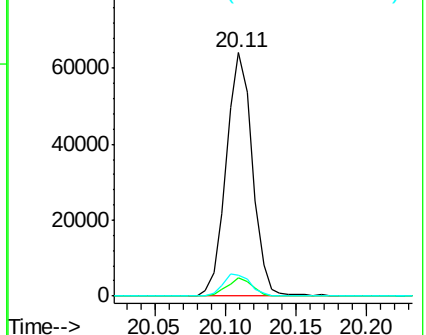
122 8.3 7.0 10.4

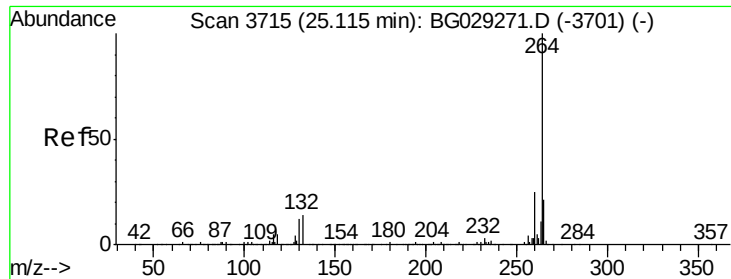


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.0	17.7	26.5

