

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027619.D
 Acq On : 23 Jun 2017 6:37
 Operator : SJ/JU
 Sample : I3840-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B45-B44-002

Quant Time: Jun 23 07:18:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	18567	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	83052	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	50743	20.00	ng	-0.01
63) Phenanthrene-d10	17.84	188	162590	20.00	ng	0.00
75) Chrysene-d12	22.20	240	184006	20.00	ng	-0.02
86) Perylene-d12	25.84	264	137692	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	173234	132.79	ng	0.00
7) Phenol-d6	7.64	99	218862	113.32	ng	0.00
23) Nitrobenzene-d5	9.67	82	162938	92.83	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	144618	191.17	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	357591	96.26	ng	-0.01
78) Terphenyl-d14	20.41	244	843261	107.97	ng	0.00

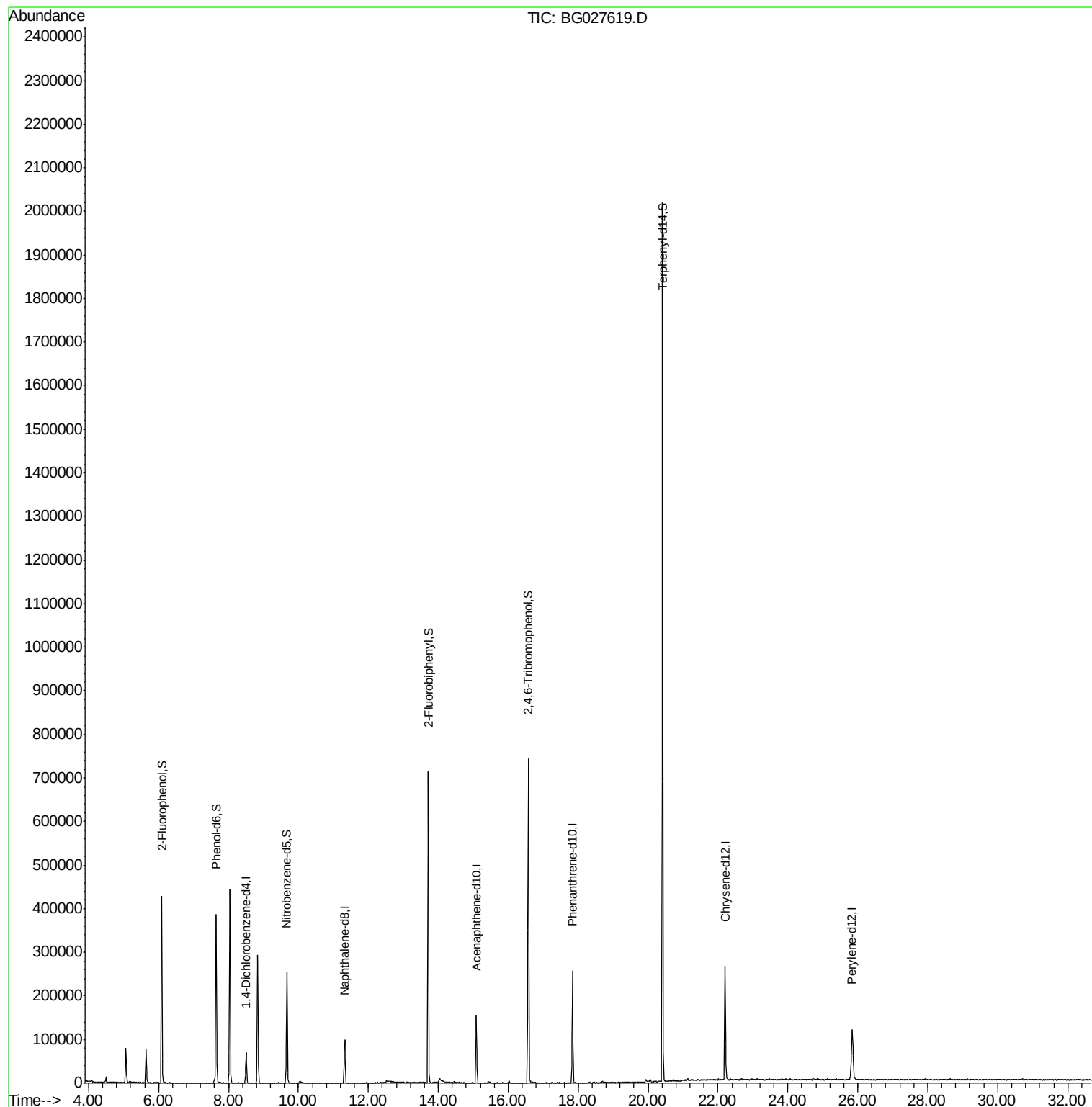
Target Compounds Qvalue

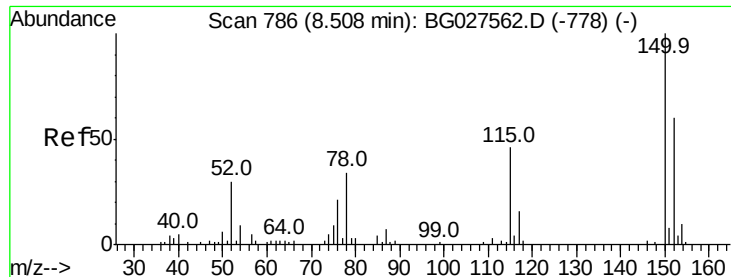
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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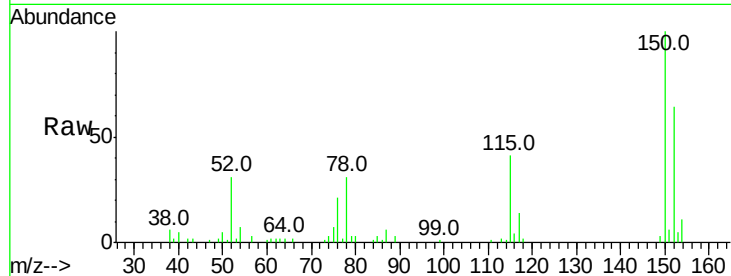


#1

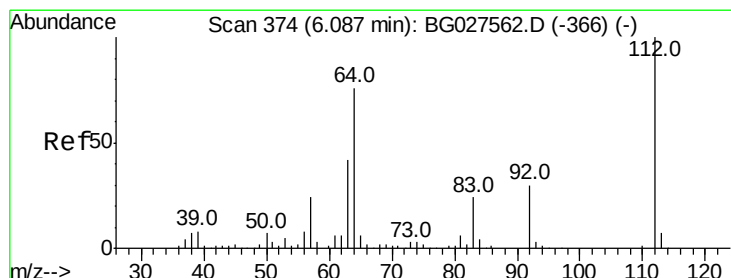
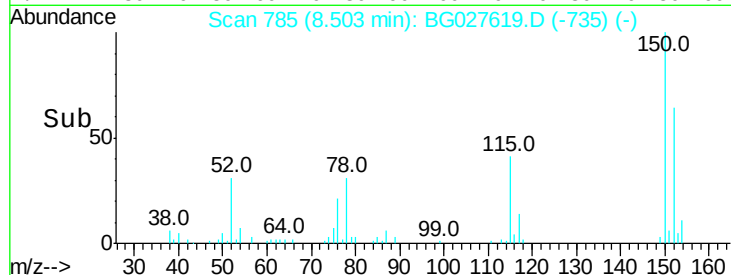
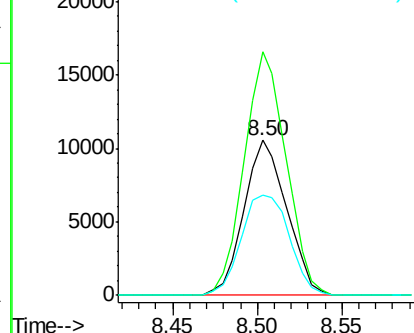
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG027619.D
Acq: 23 Jun 2017 6:37

Instrument :
BNA_G
ClientSampleId :
WC-B45-B44-002

Tot Ion:152 Resp: 18567
Ion Ratio Lower Upper
152 100
150 157.3 114.0 171.0
115 65.0 48.1 72.1



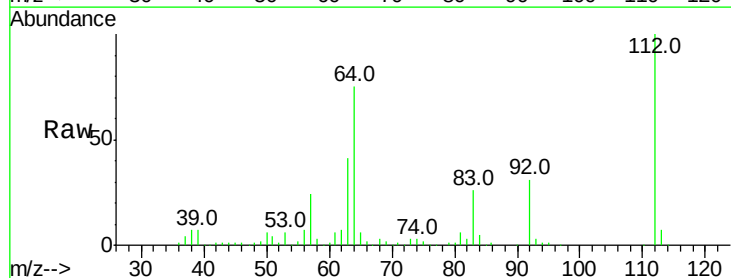
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



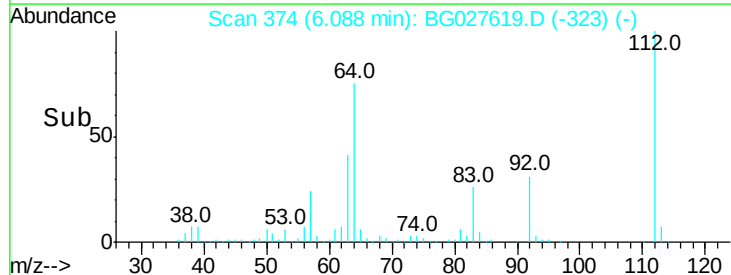
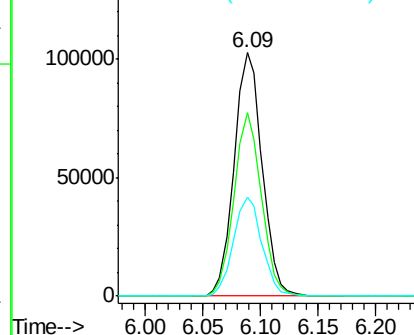
#5

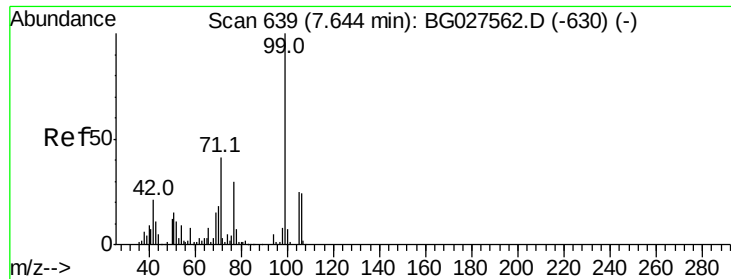
2-Fluorophenol
Concen: 132.79 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027619.D
Acq: 23 Jun 2017 6:37

Tgt Ion:112 Resp: 173234
Ion Ratio Lower Upper
112 100
64 75.1 61.8 92.6
63 40.9 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: 113.32 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.00 min

Lab File: BG027619.D

Acq: 23 Jun 2017 6:37

Instrument :

BNA_G

ClientSampleId :

WC-B45-B44-002

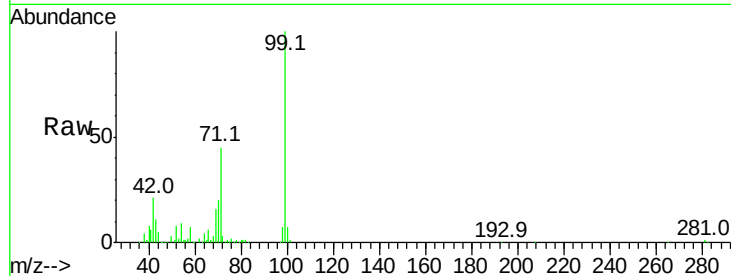
Tot Ion: 99 Resp: 218862

Ion Ratio Lower Upper

99 100

42 21.3 20.5 30.7

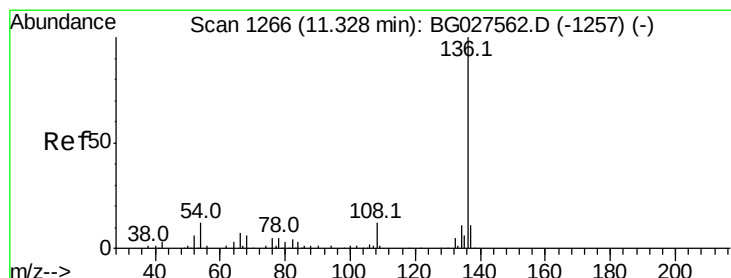
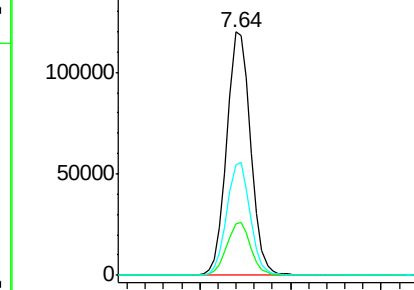
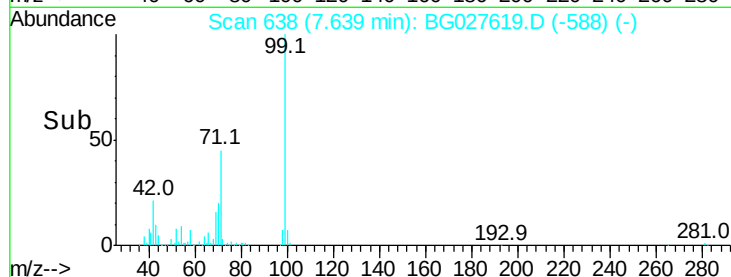
71 45.2 37.6 56.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.32 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG027619.D

Acq: 23 Jun 2017 6:37

Tgt Ion: 136 Resp: 83052

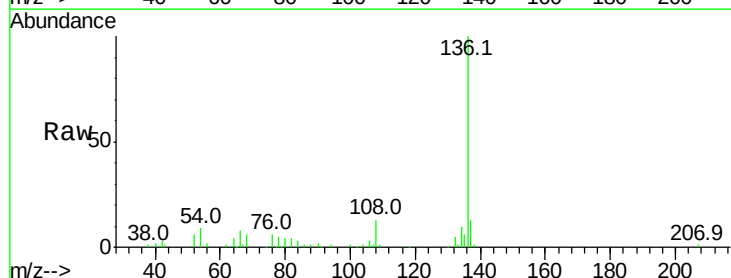
Ion Ratio Lower Upper

136 100

137 13.3 8.9 13.3

54 9.1 9.3 13.9#

68 6.3 5.1 7.7

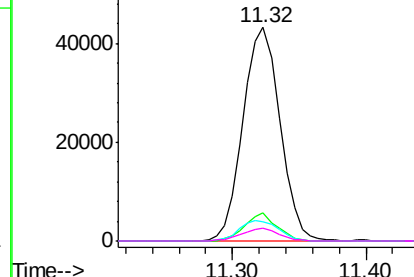
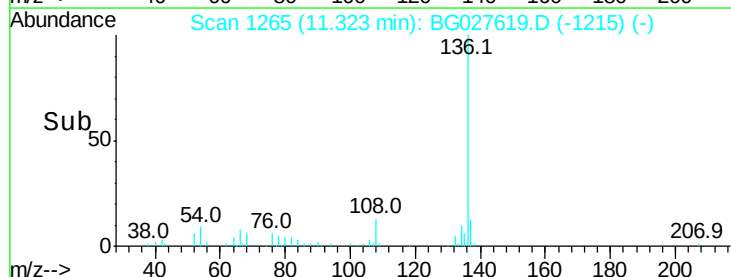


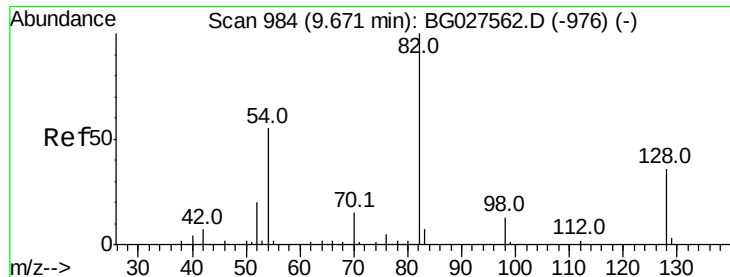
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

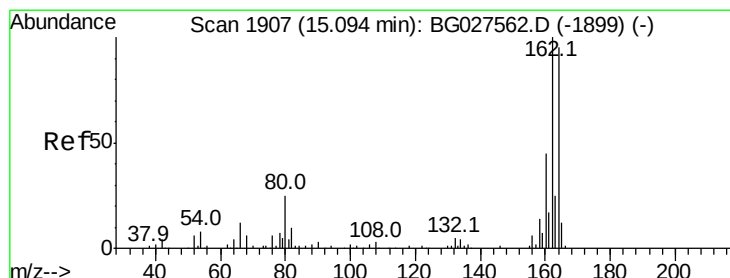
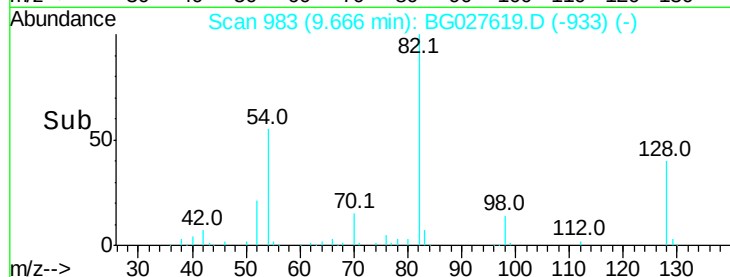
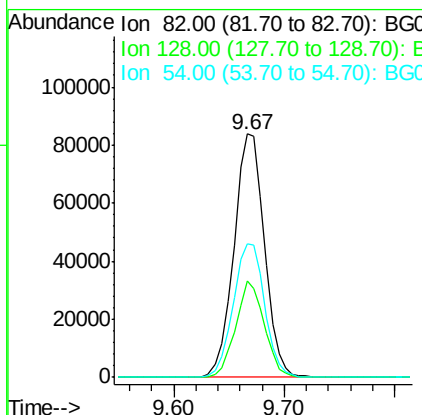
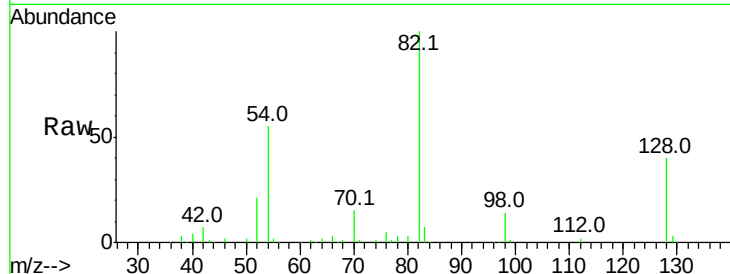




#23
 Nitrobenzene-d5
 Concen: 92.83 ng
 RT: 9.67 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BG027619.D
 Acq: 23 Jun 2017 6:37

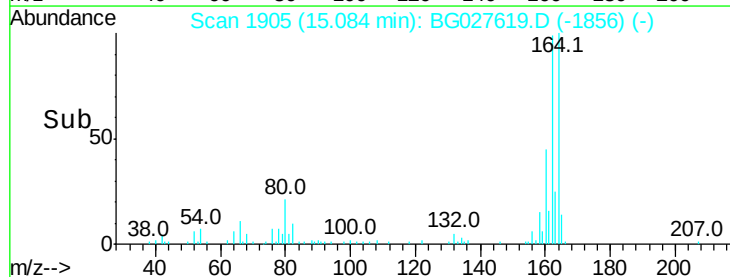
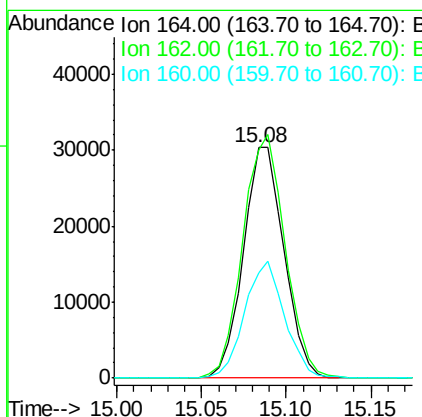
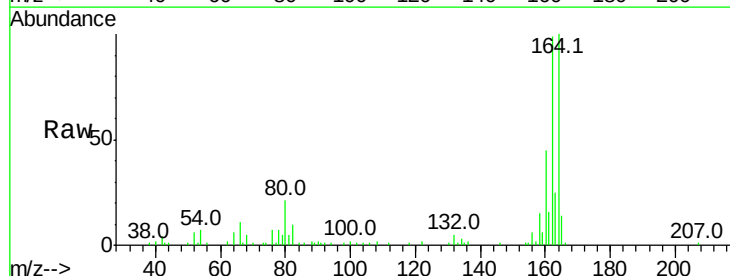
Instrument :
 BNA_G
 ClientSampleId :
 WC-B45-B44-002

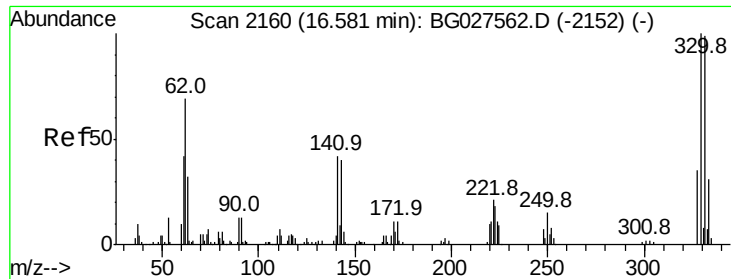
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	26.4	39.6
54	55.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.08 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BG027619.D
 Acq: 23 Jun 2017 6:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	85.1	127.7
160	45.5	34.7	52.1

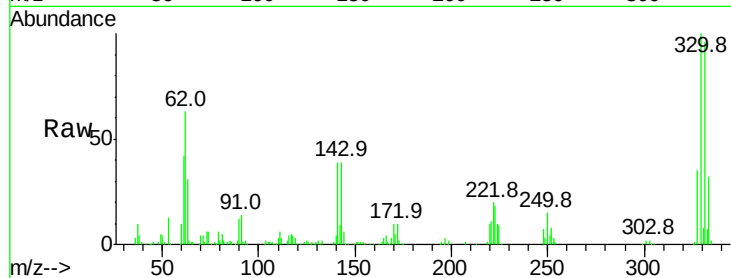




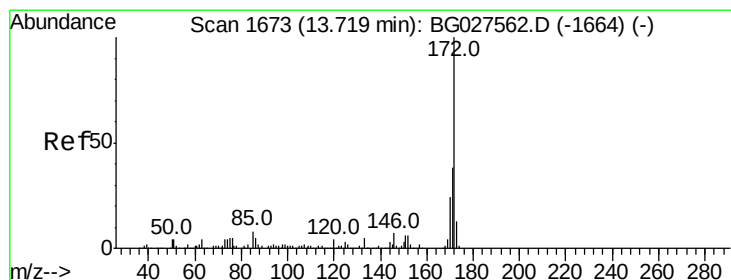
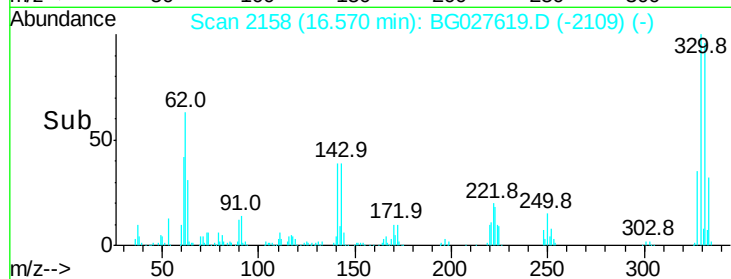
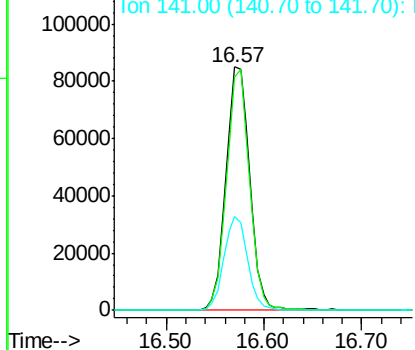
#41
 2,4,6-Tribromophenol
 Concen: 191.17 ng
 RT: 16.57 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG027619.D
 Acq: 23 Jun 2017 6:37

Instrument :
 BNA_G
 ClientSampleId :
 WC-B45-B44-002

Tot Ion:330 Resp: 144618
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 38.0 32.1 48.1

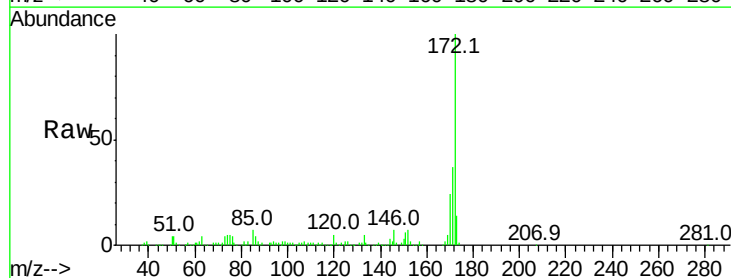


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

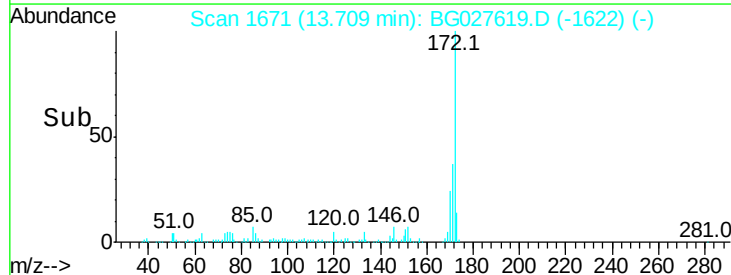
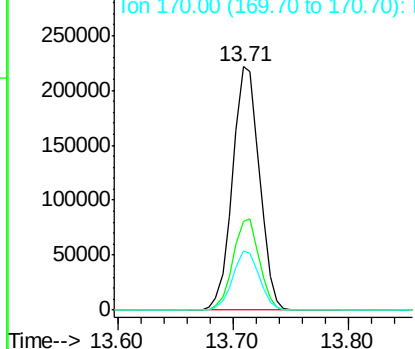


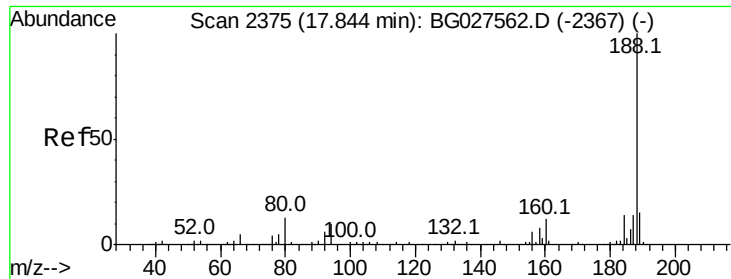
#44
 2-Fluorobiphenyl
 Concen: 96.26 ng
 RT: 13.71 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG027619.D
 Acq: 23 Jun 2017 6:37

Tgt Ion:172 Resp: 357591
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

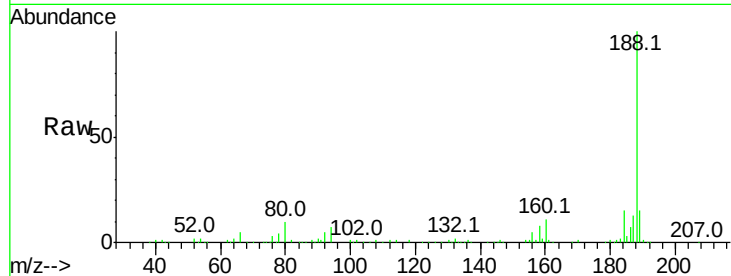




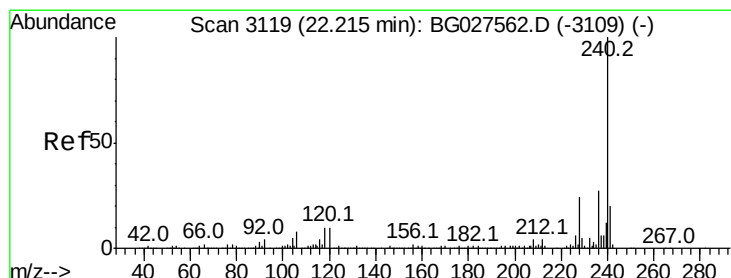
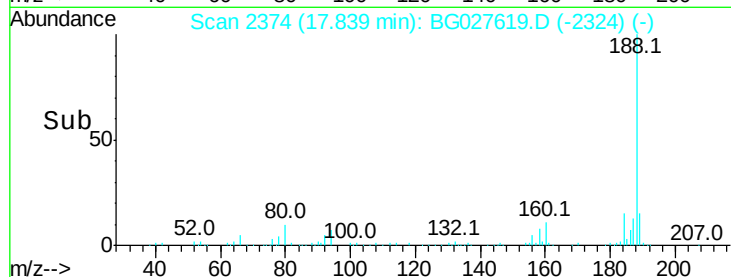
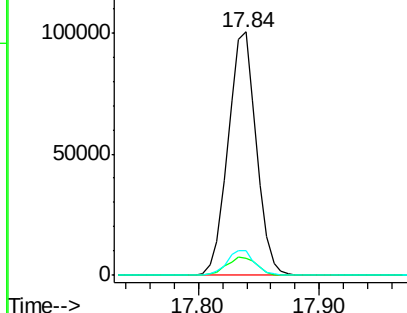
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG027619.D
Acq: 23 Jun 2017 6:37

Instrument :
BNA_G
ClientSampleId :
WC-B45-B44-002

Tot Ion:188 Resp: 162590
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.8
80 10.0 7.5 11.3

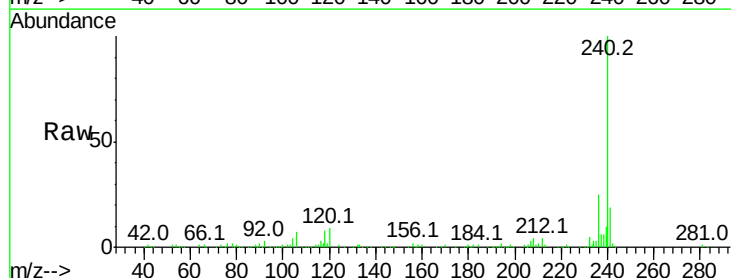


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

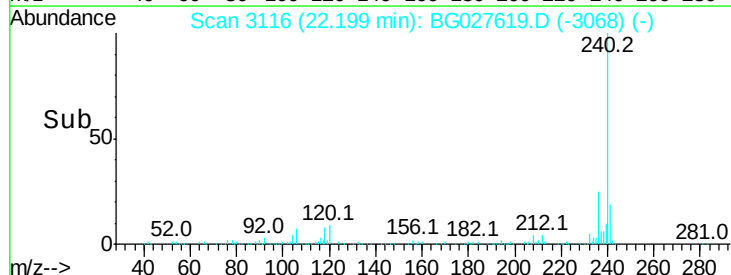
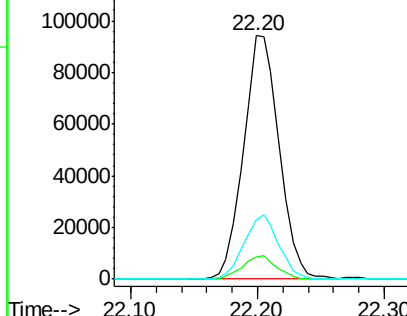


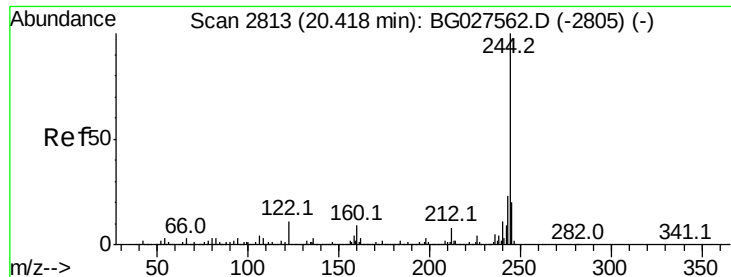
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3116
Delta R.T. -0.02 min
Lab File: BG027619.D
Acq: 23 Jun 2017 6:37

Tgt Ion:240 Resp: 184006
Ion Ratio Lower Upper
240 100
120 9.2 5.7 8.5#
236 24.5 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: 107.97 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG027619.D

Acq: 23 Jun 2017 6:37

Instrument :

BNA_G

ClientSampleId :

WC-B45-B44-002

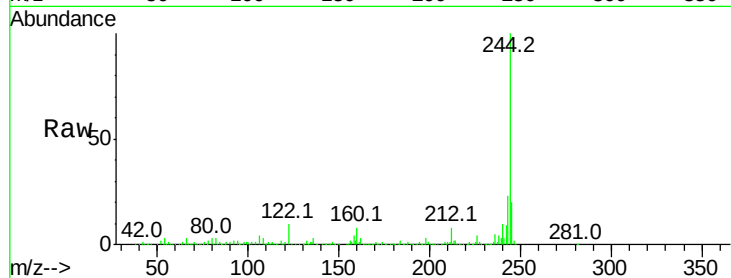
Tot Ion:244 Resp: 843261

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

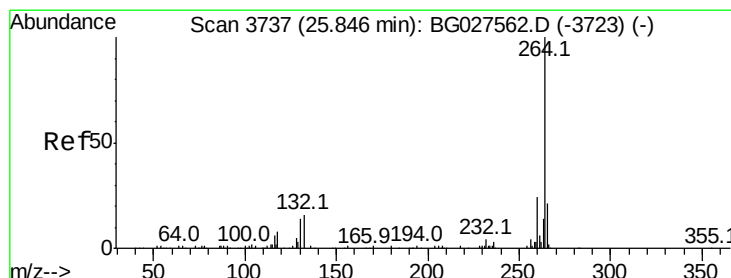
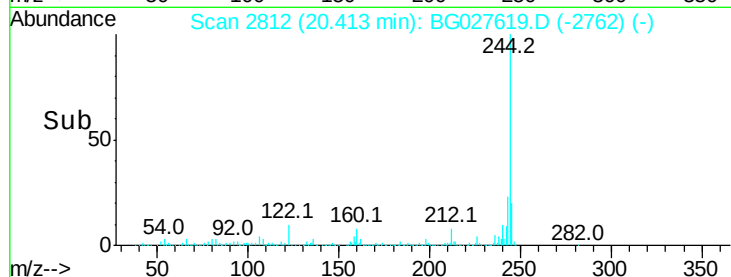
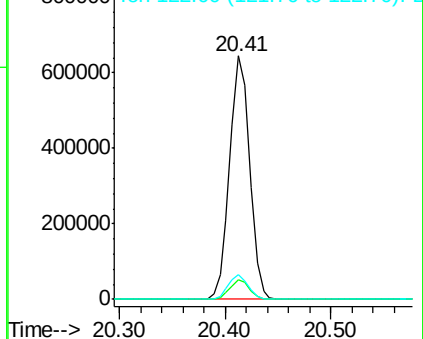
122 10.1 8.6 12.8



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: 20.00 ng

RT: 25.84 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG027619.D

Acq: 23 Jun 2017 6:37

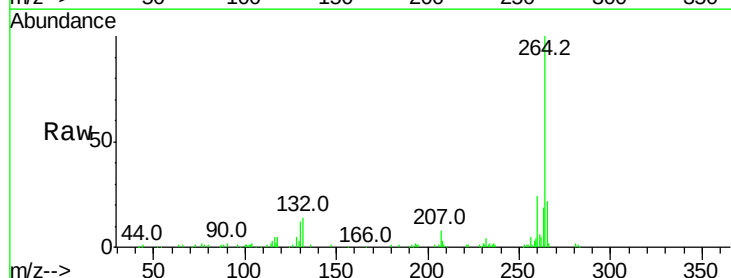
Tgt Ion:264 Resp: 137692

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.8 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

