

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027625.D
 Acq On : 23 Jun 2017 10:34
 Operator : SJ/JU
 Sample : I3657-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-102I

Quant Time: Jun 23 15:19:40 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	8.51	152	14893	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	71103	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	48133	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	151860	20.00	ng	0.00
75) Chrysene-d12	22.20	240	175597	20.00	ng	-0.01
86) Perylene-d12	25.84	264	168491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	58100	55.52	ng	0.00
7) Phenol-d6	7.64	99	46867	30.25	ng	0.00
23) Nitrobenzene-d5	9.66	82	136720	90.99	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	129185	180.03	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	320774	91.03	ng	0.00
78) Terphenyl-d14	20.42	244	797991	107.07	ng	0.00

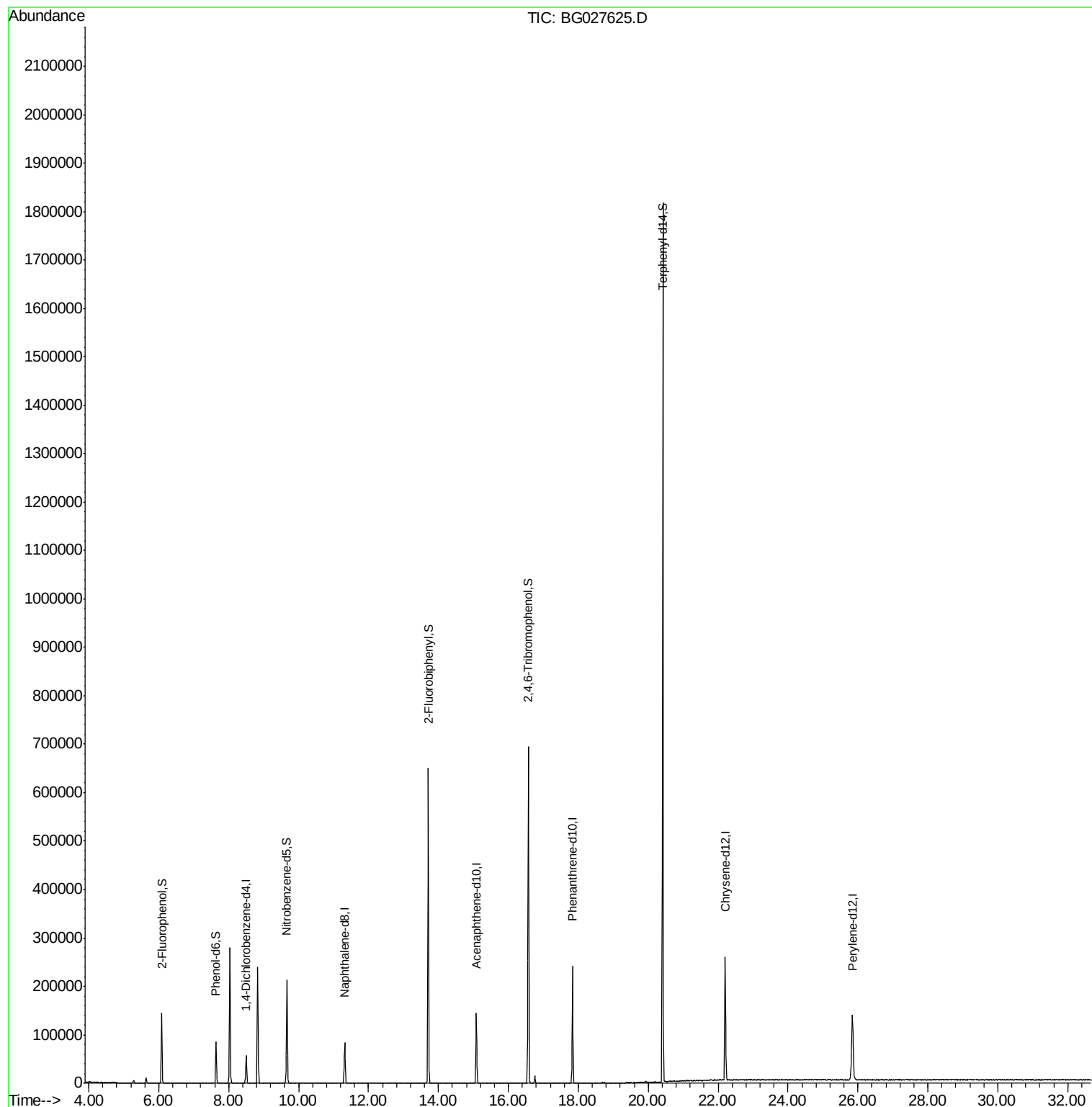
Target Compounds Qvalue

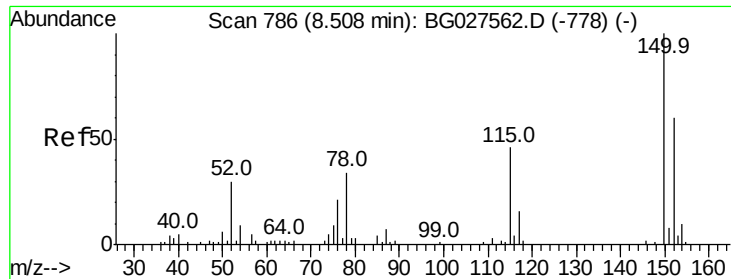
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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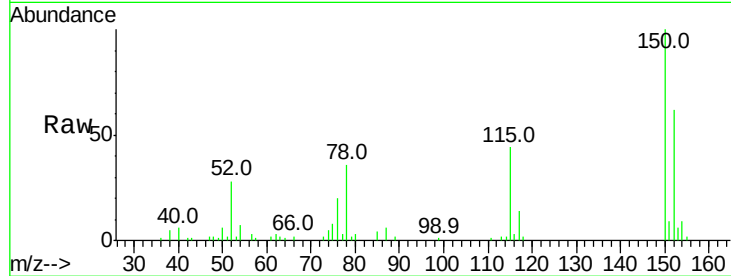


#1

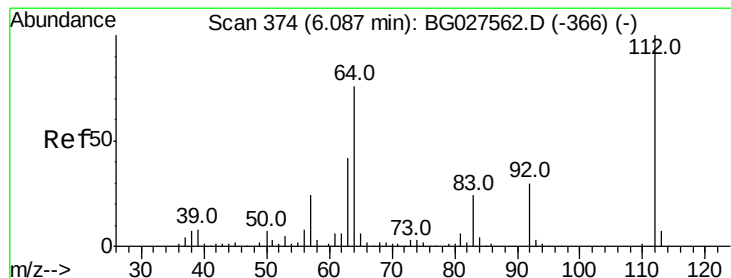
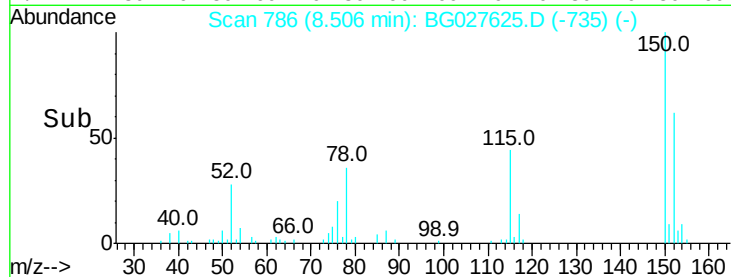
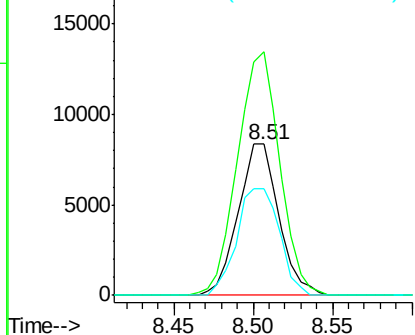
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027625.D
Acq: 23 Jun 2017 10:34

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tot Ion:152 Resp: 14893
Ion Ratio Lower Upper
152 100
150 161.0 114.0 171.0
115 70.6 48.1 72.1



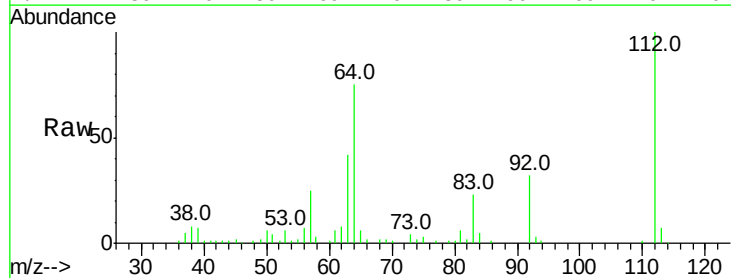
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



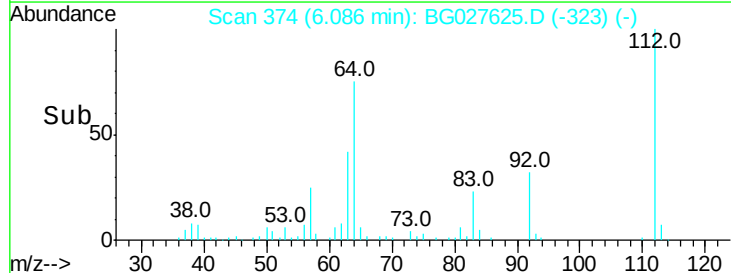
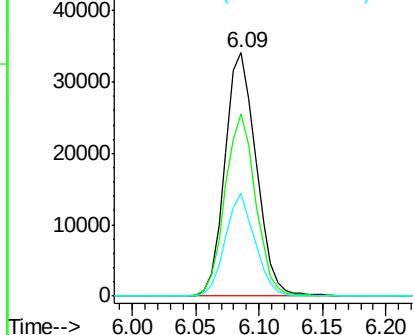
#5

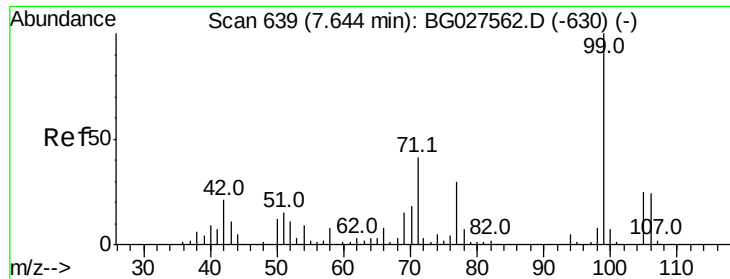
2-Fluorophenol
Concen: 55.52 ng
RT: 6.09 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027625.D
Acq: 23 Jun 2017 10:34

Tgt Ion:112 Resp: 58100
Ion Ratio Lower Upper
112 100
64 74.6 61.8 92.6
63 42.4 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: 30.25 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027625.D

Acq: 23 Jun 2017 10:34

Instrument :

BNA_G

ClientSampleId :

MW-102I

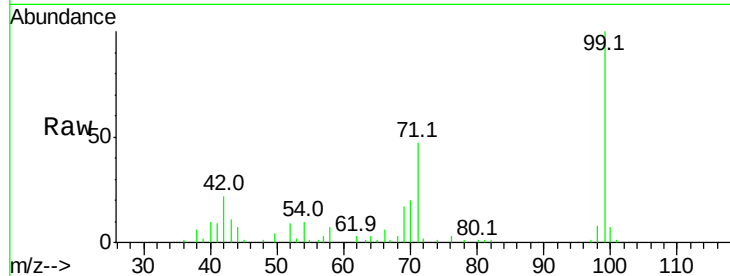
Tot Ion: 99 Resp: 46867

Ion Ratio Lower Upper

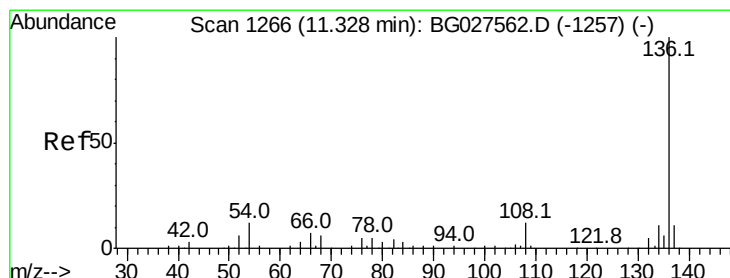
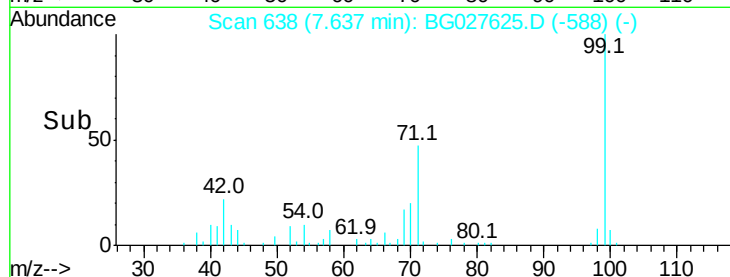
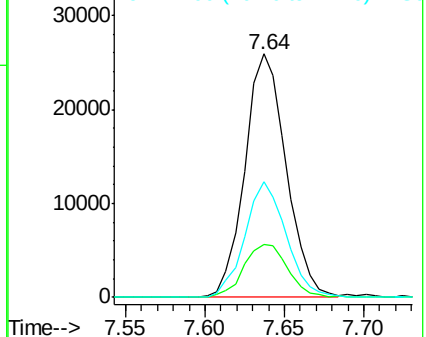
99 100

42 21.7 20.5 30.7

71 47.4 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. -0.01 min

Lab File: BG027625.D

Acq: 23 Jun 2017 10:34

Tgt Ion: 136 Resp: 71103

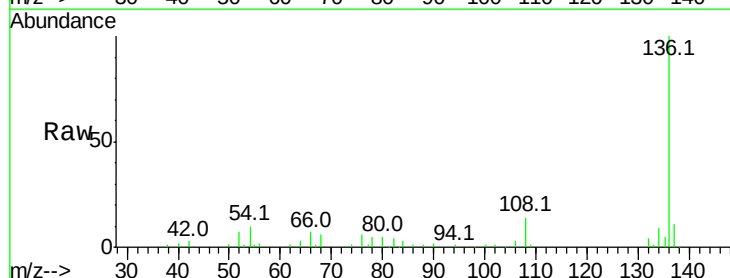
Ion Ratio Lower Upper

136 100

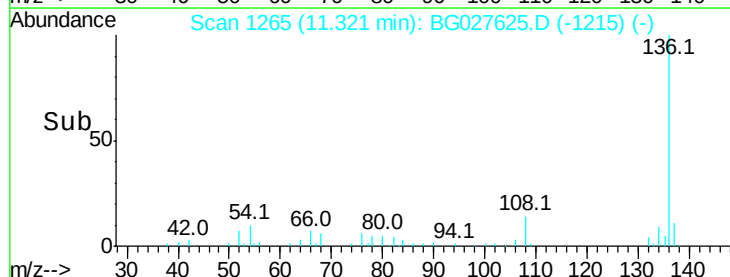
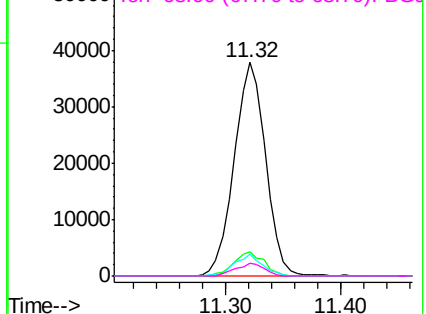
137 11.1 8.9 13.3

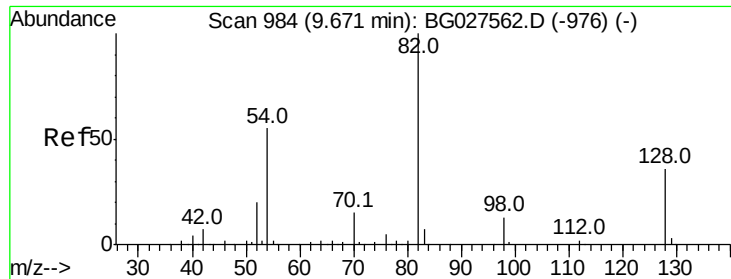
54 10.3 9.3 13.9

68 5.7 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

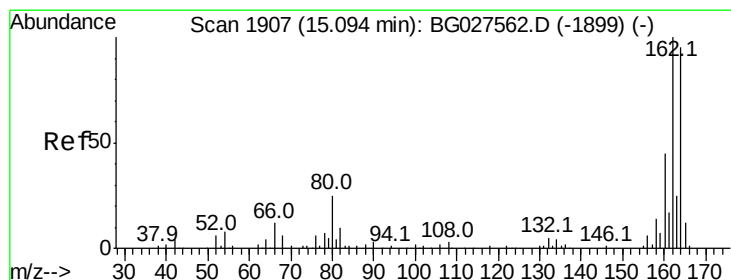
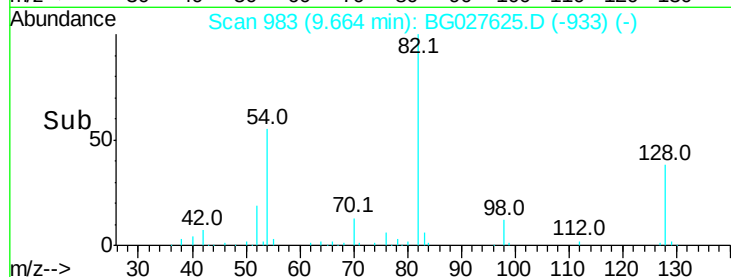
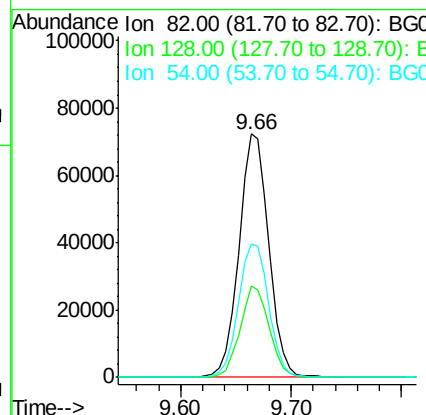
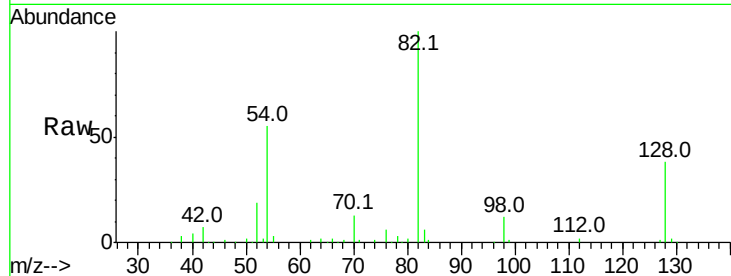




#23
 Nitrobenzene-d5
 Concen: 90.99 ng
 RT: 9.66 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027625.D
 Acq: 23 Jun 2017 10:34

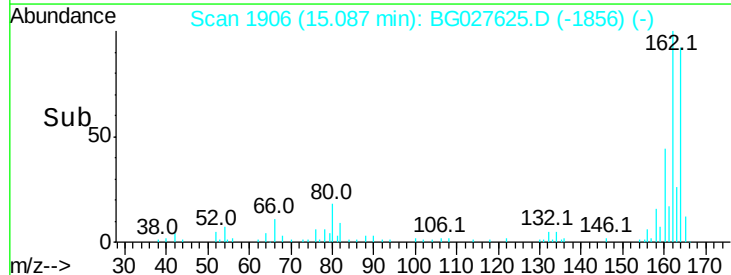
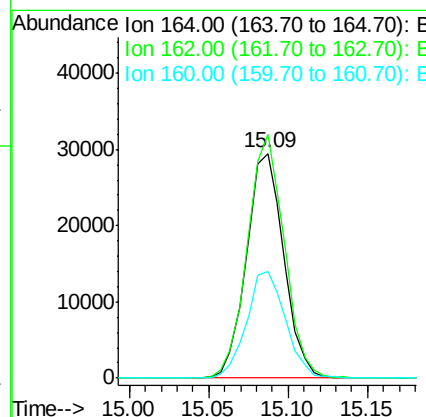
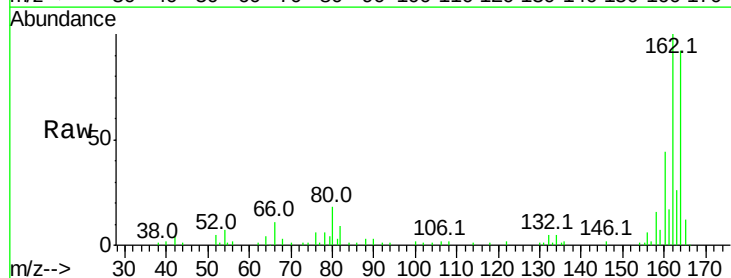
Instrument :
 BNA_G
 ClientSampleID :
 MW-102I

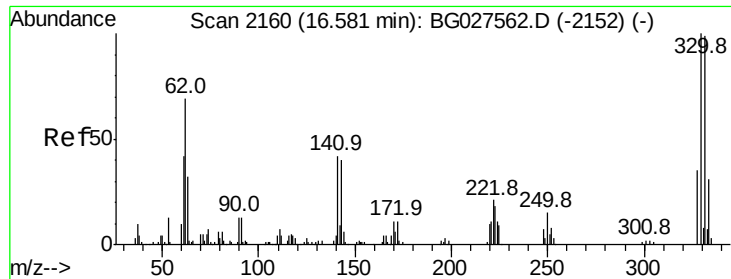
Tot Ion	82	Resp	136720
Ion Ratio	Lower	Upper	
82	100		
128	37.6	26.4	39.6
54	54.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027625.D
 Acq: 23 Jun 2017 10:34

Tgt Ion	164	Resp	48133
Ion Ratio	Lower	Upper	
164	100		
162	108.4	85.1	127.7
160	47.5	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 180.03 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027625.D

Acq: 23 Jun 2017 10:34

Instrument :

BNA_G

ClientSampleId :

MW-102I

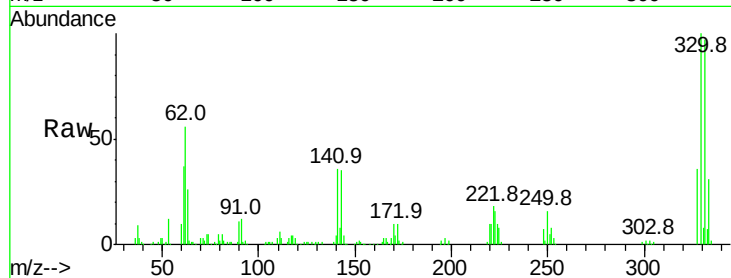
Tot Ion:330 Resp: 129185

Ion Ratio Lower Upper

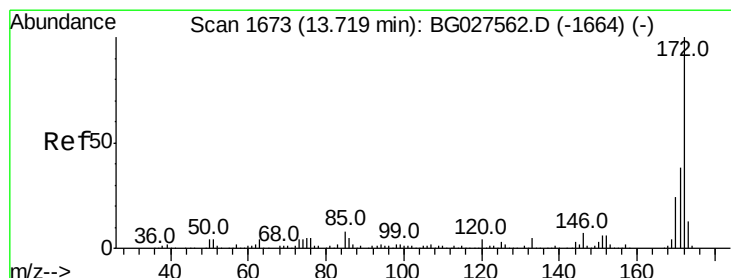
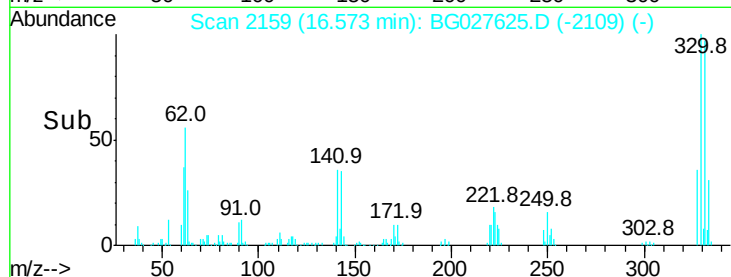
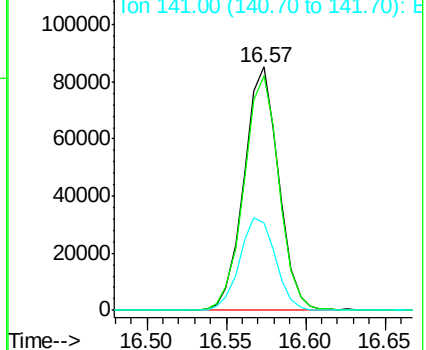
330 100

332 97.3 77.3 115.9

141 39.3 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: 91.03 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027625.D

Acq: 23 Jun 2017 10:34

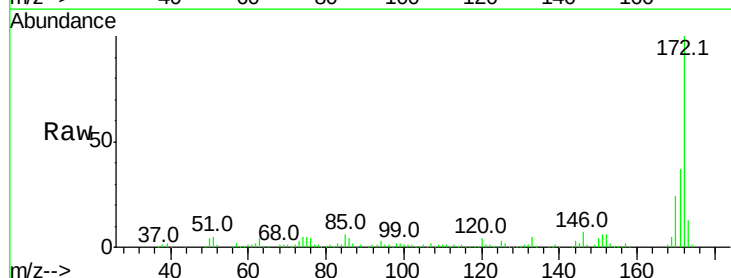
Tgt Ion:172 Resp: 320774

Ion Ratio Lower Upper

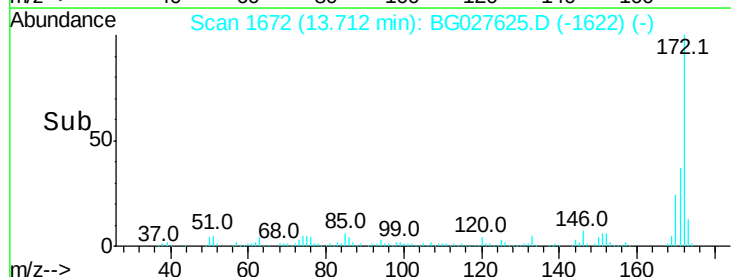
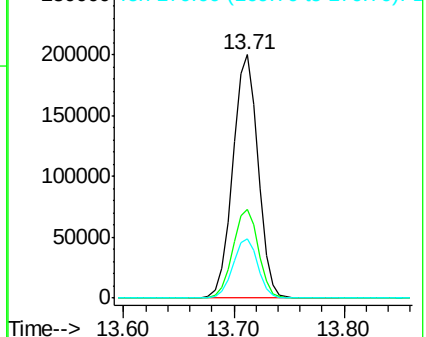
172 100

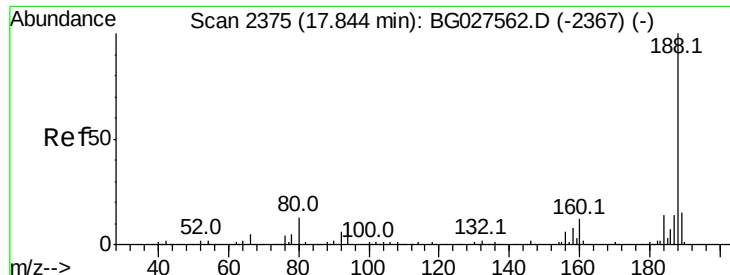
171 36.6 32.2 48.2

170 24.4 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

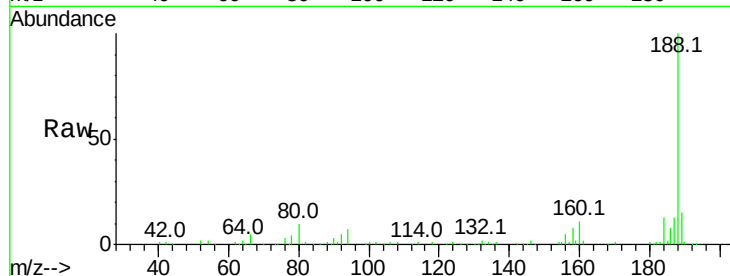




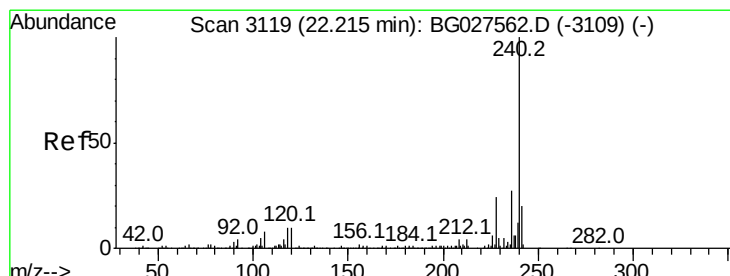
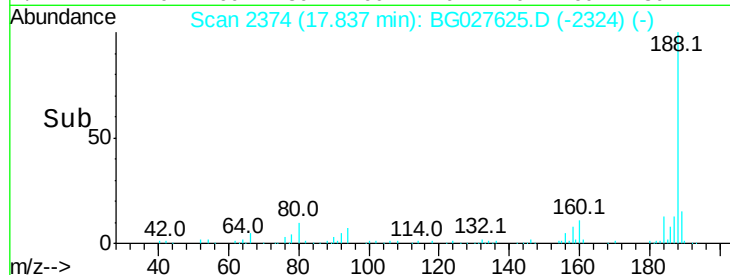
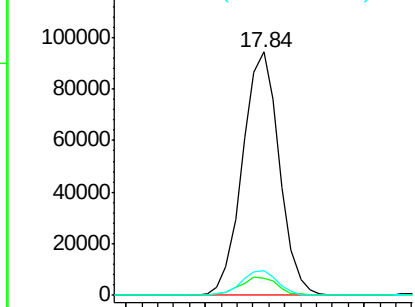
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027625.D
Acq: 23 Jun 2017 10:34

Instrument :
BNA_G
ClientSampleId :
MW-102I

Tot Ion:188 Resp: 151860
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 10.3 7.5 11.3

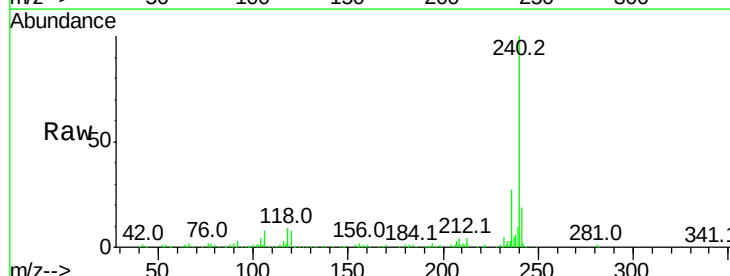


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

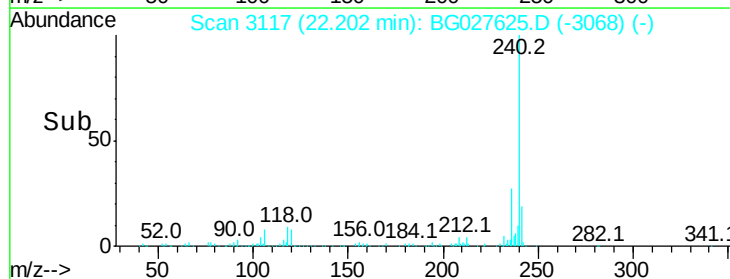
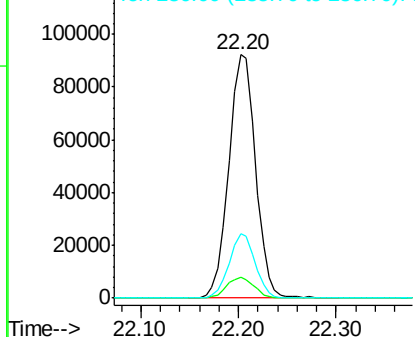


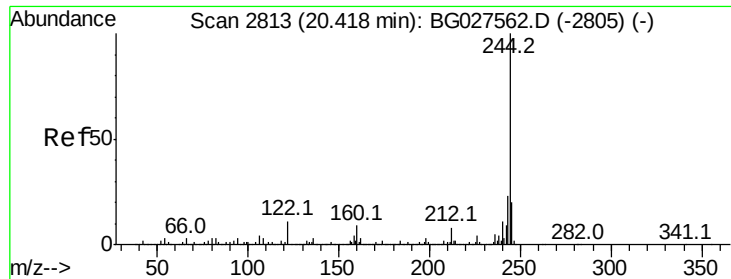
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027625.D
Acq: 23 Jun 2017 10:34

Tgt Ion:240 Resp: 175597
Ion Ratio Lower Upper
240 100
120 8.4 5.7 8.5
236 26.5 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: 107.07 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027625.D

Acq: 23 Jun 2017 10:34

Instrument :

BNA_G

ClientSampleId :

MW-102I

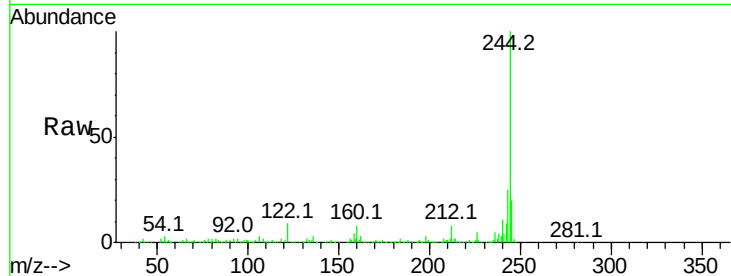
Tot Ion:244 Resp: 797991

Ion Ratio Lower Upper

244 100

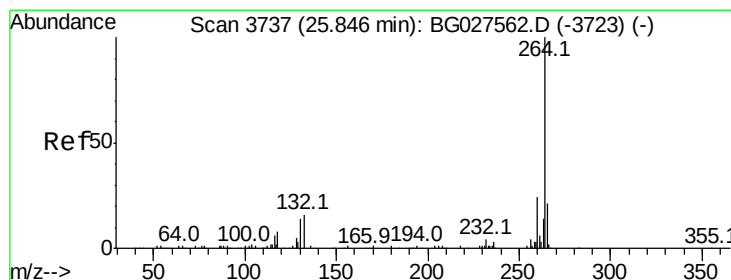
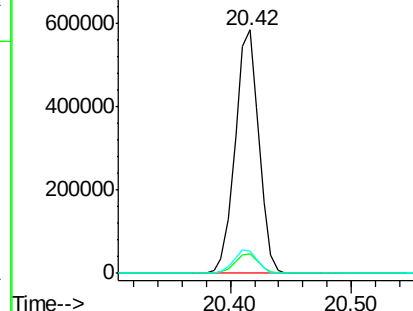
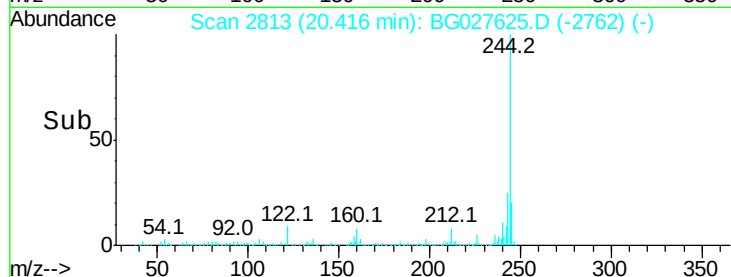
212 8.0 10.0 15.0#

122 8.9 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

20.42



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027625.D

Acq: 23 Jun 2017 10:34

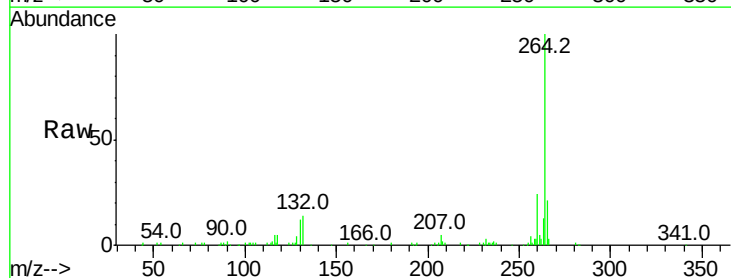
Tgt Ion:264 Resp: 168491

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 21.0 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

25.84

