

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027637.D
 Acq On : 23 Jun 2017 19:11
 Operator : SJ/JU
 Sample : PB100074TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 24 01:25:00 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	16538	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	74521	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	47270	20.00	ng	0.00
63) Phenanthrene-d10	17.83	188	142885	20.00	ng	-0.01
75) Chrysene-d12	22.20	240	159617	20.00	ng	-0.01
86) Perylene-d12	25.84	264	150647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	151993	130.80	ng	0.00
7) Phenol-d6	7.65	99	202631	117.79	ng	0.00
23) Nitrobenzene-d5	9.67	82	129971	82.53	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	114355	162.27	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	308343	89.10	ng	0.00
78) Terphenyl-d14	20.41	244	677807	100.05	ng	0.00

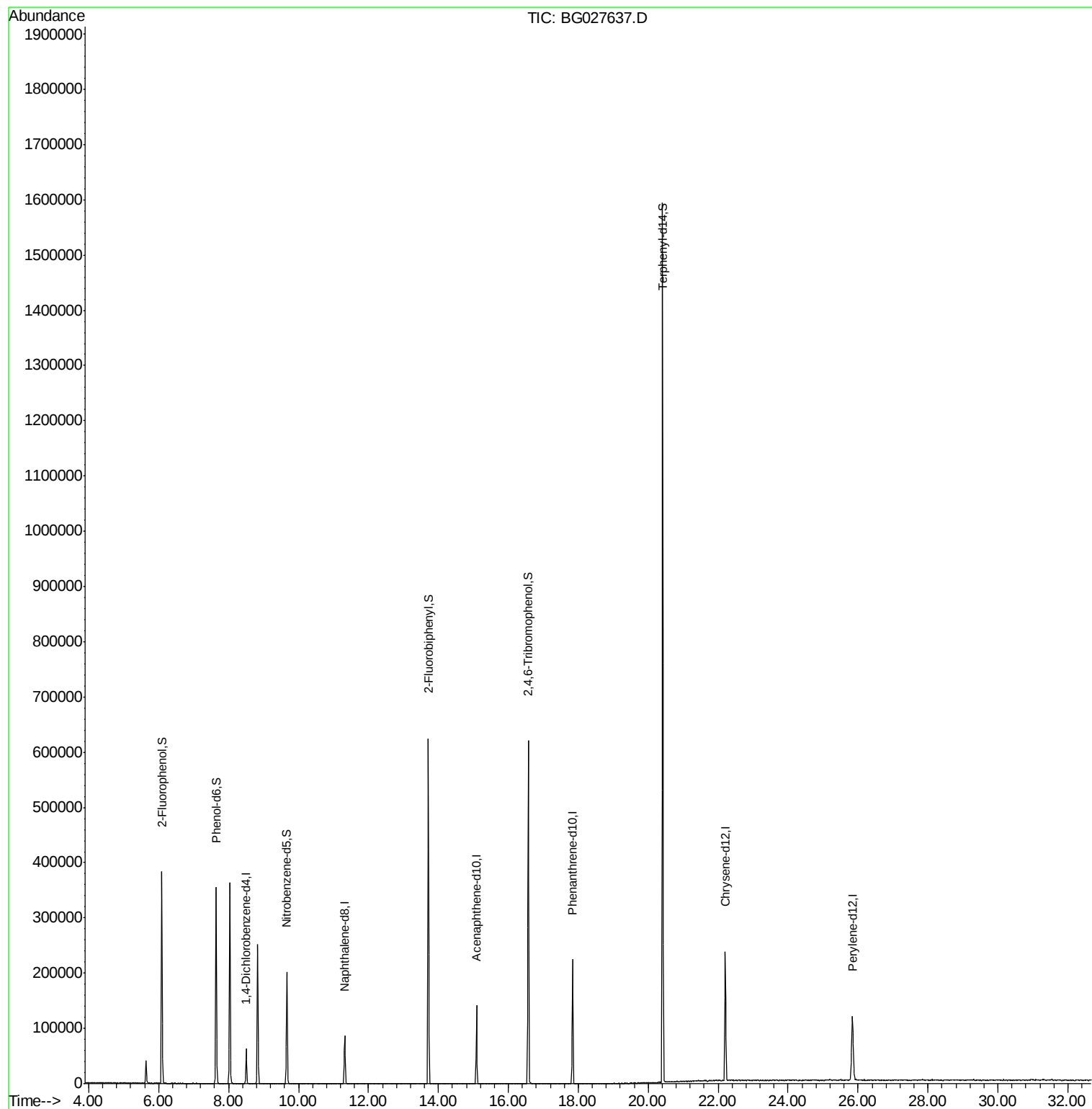
Target Compounds Qvalue

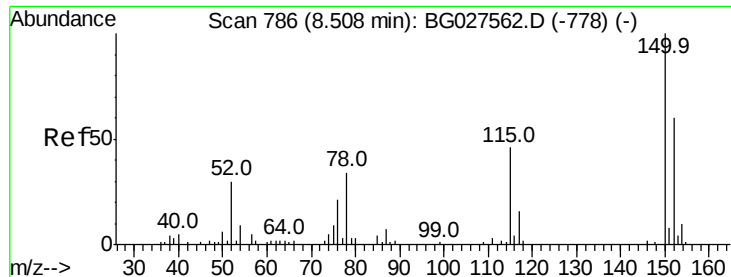
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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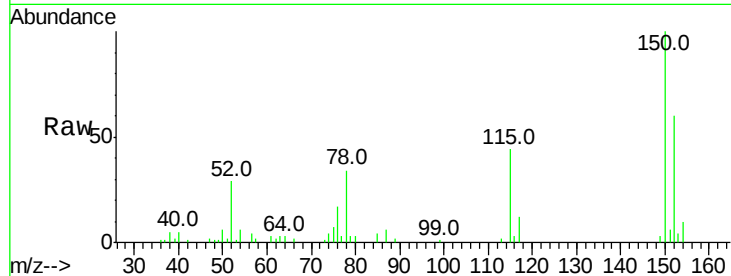


#1

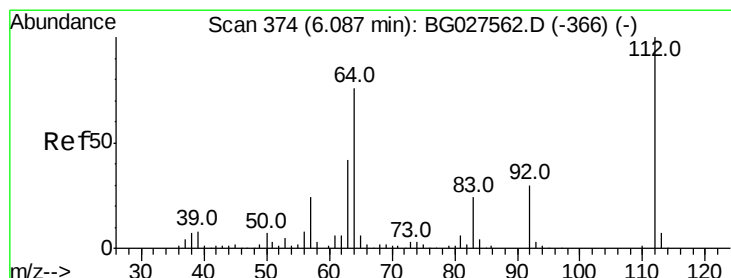
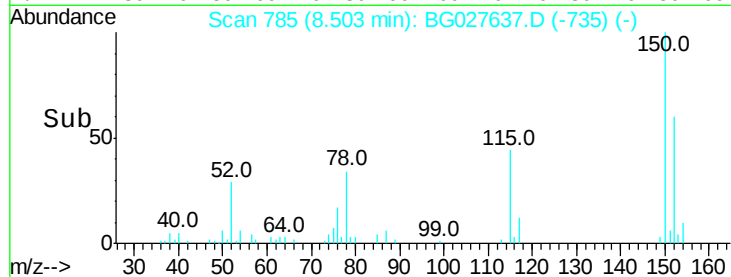
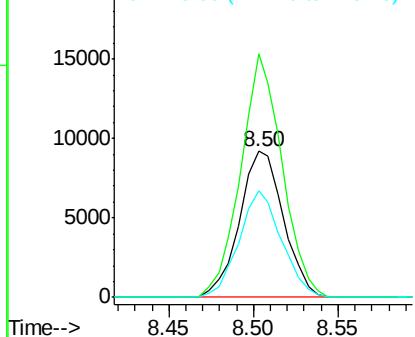
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027637.D
Acq: 23 Jun 2017 19:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 16538
Ion Ratio Lower Upper
152 100
150 167.1 114.0 171.0
115 73.4 48.1 72.1#



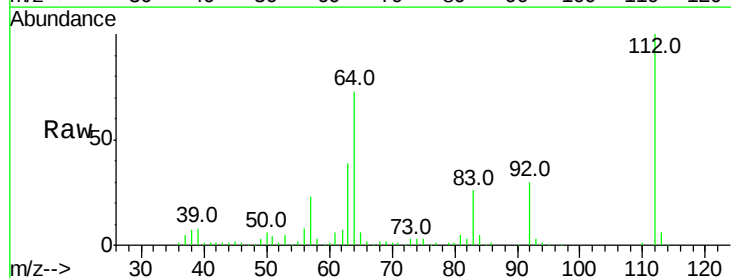
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



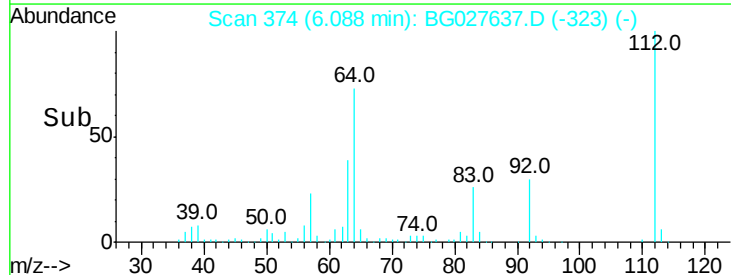
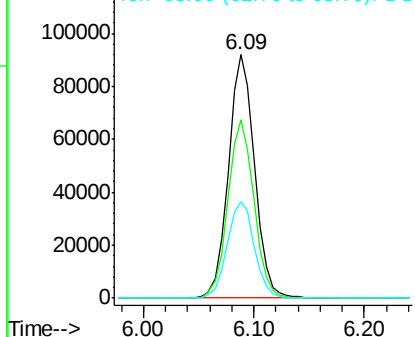
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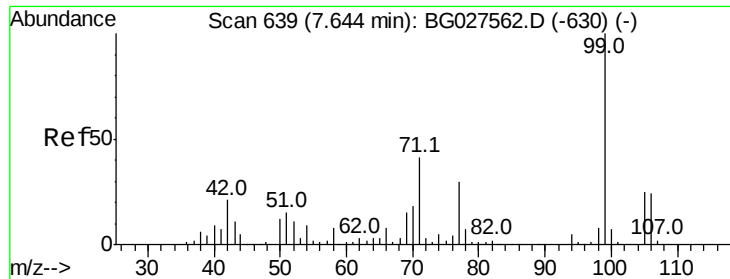
2-Fluorophenol
Concen: 130.80 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027637.D
Acq: 23 Jun 2017 19:11

Tgt Ion:112 Resp: 151993
Ion Ratio Lower Upper
112 100
64 73.0 61.8 92.6
63 39.4 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: 117.79 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027637.D

Acq: 23 Jun 2017 19:11

Instrument :

BNA_G

ClientSampleId :

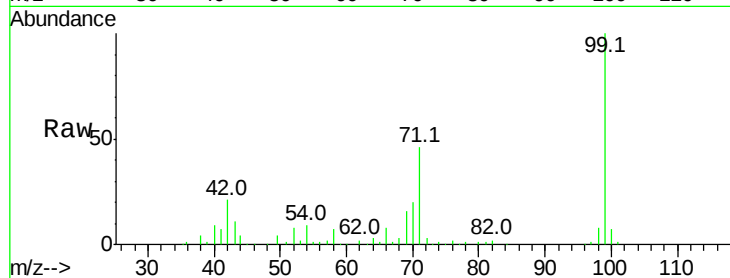
Tot Ion: 99 Resp: 202631

Ion Ratio Lower Upper

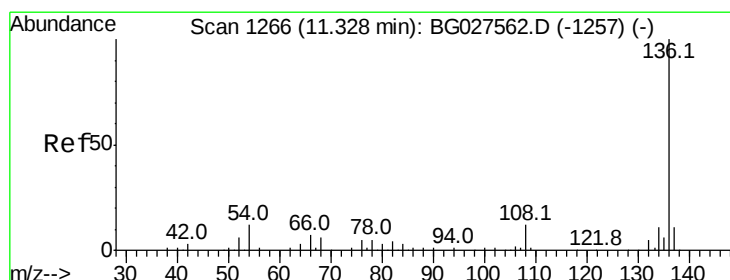
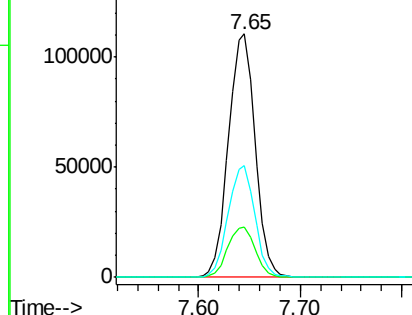
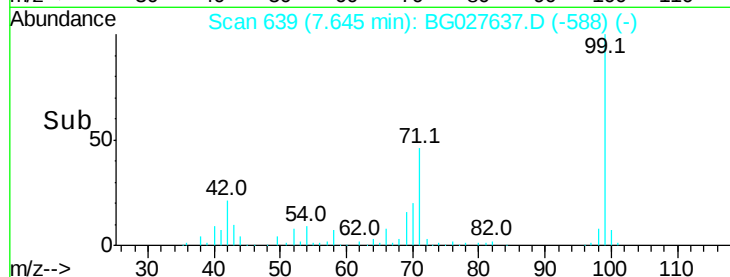
99 100

42 20.8 20.5 30.7

71 45.8 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: BG027637.D

Acq: 23 Jun 2017 19:11

Tgt Ion: 136 Resp: 74521

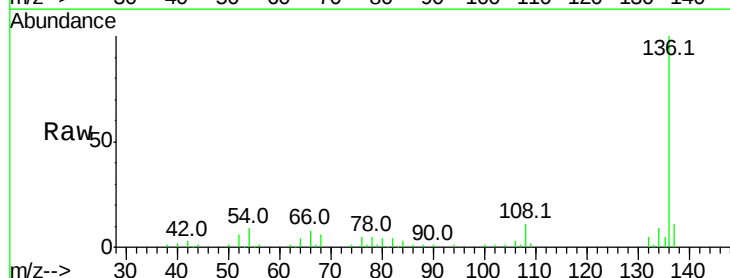
Ion Ratio Lower Upper

136 100

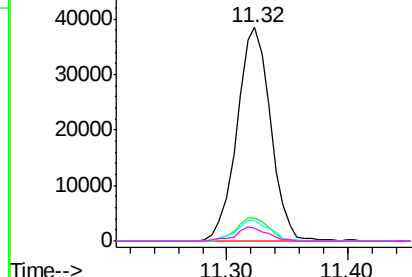
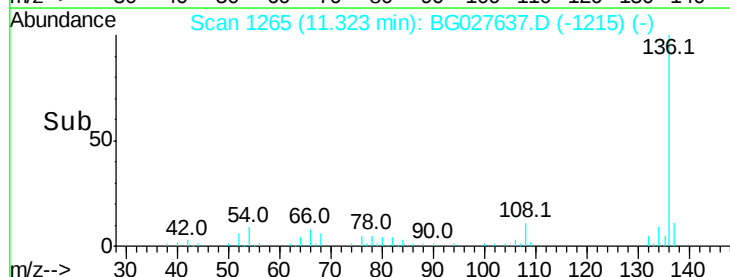
137 10.9 8.9 13.3

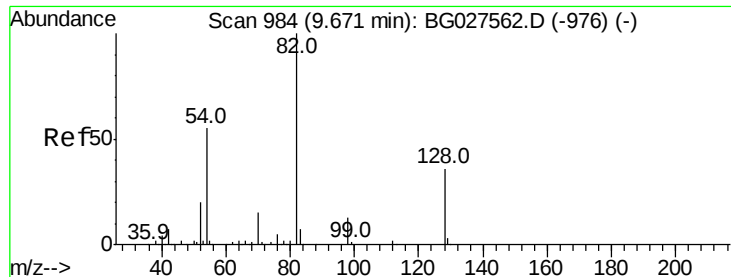
54 9.3 9.3 13.9

68 6.0 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

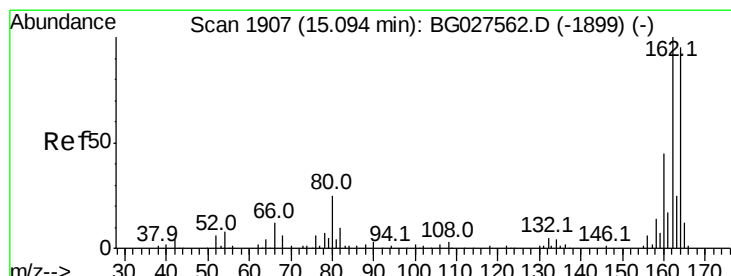
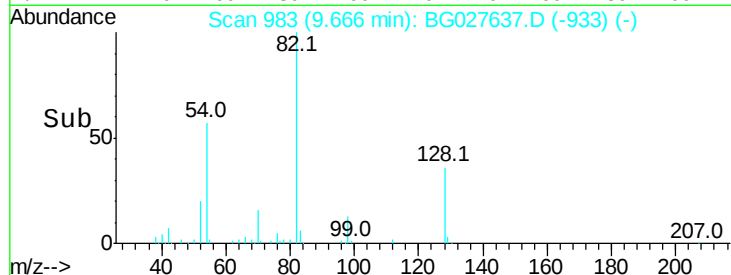
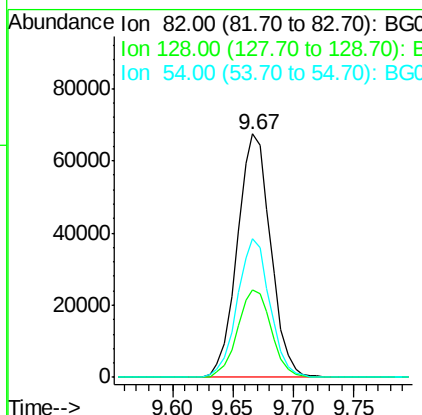
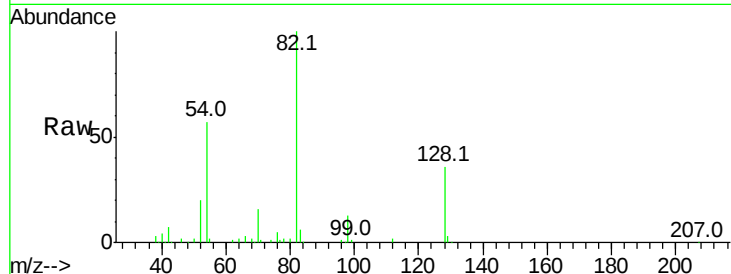




#23
Nitrobenzene-d5
Concen: 82.53 ng
RT: 9.67 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG027637.D
Acq: 23 Jun 2017 19:11

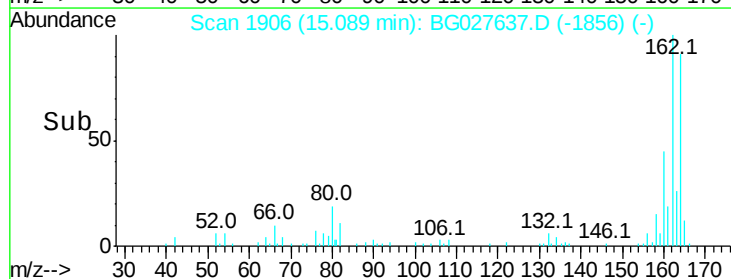
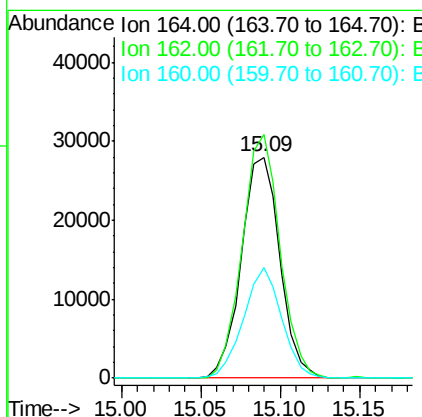
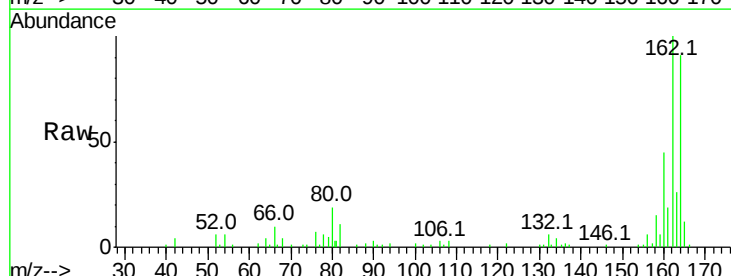
Instrument :
BNA_G
ClientSampled :

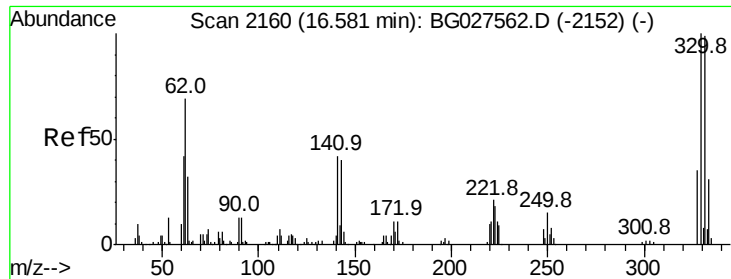
Tot Ion: 82 Resp: 129971
Ion Ratio Lower Upper
82 100
128 36.1 26.4 39.6
54 56.7 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027637.D
Acq: 23 Jun 2017 19:11

Tgt Ion:164 Resp: 47270
Ion Ratio Lower Upper
164 100
162 110.3 85.1 127.7
160 49.8 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 162.27 ng

RT: 16.57 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG027637.D

Acq: 23 Jun 2017 19:11

Instrument :

BNA_G

ClientSampled :

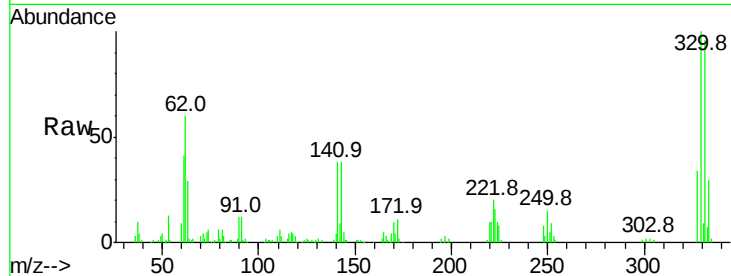
Tot Ion:330 Resp: 114355

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

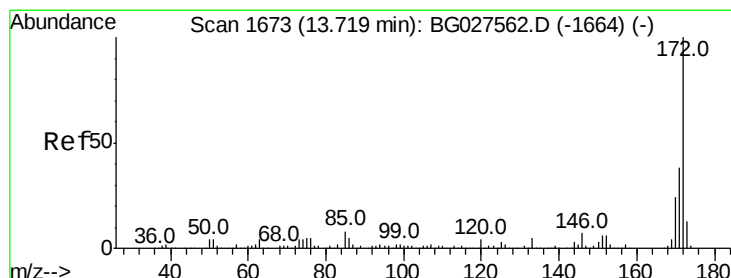
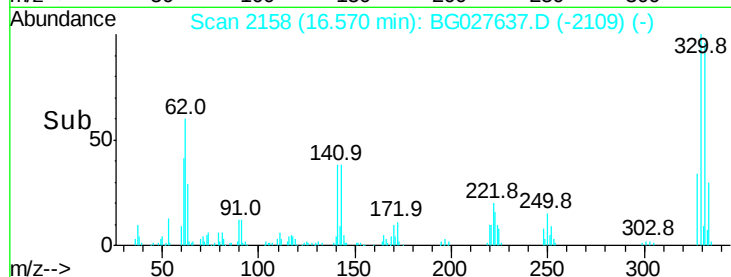
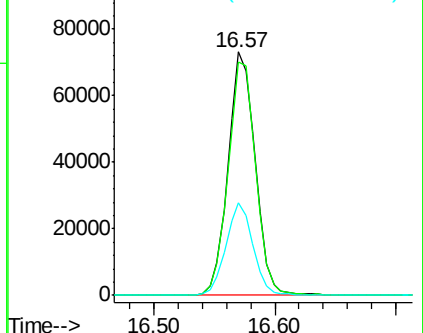
141 37.5 32.1 48.1



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: 89.10 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027637.D

Acq: 23 Jun 2017 19:11

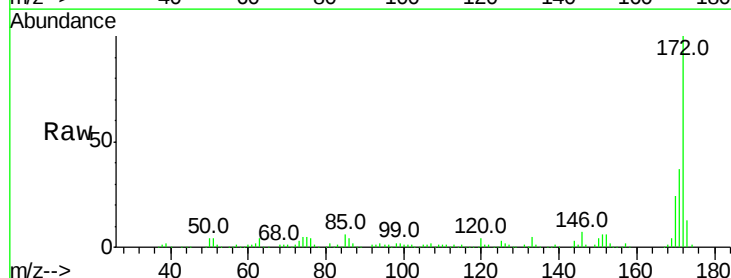
Tgt Ion:172 Resp: 308343

Ion Ratio Lower Upper

172 100

171 36.7 32.2 48.2

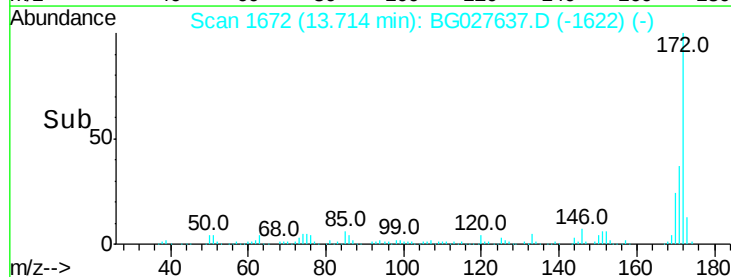
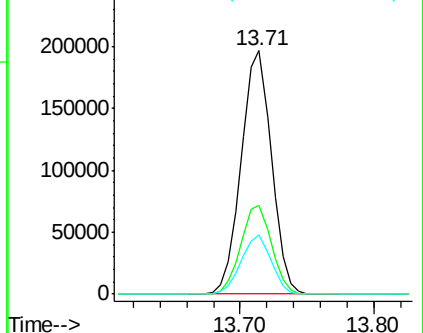
170 24.2 21.8 32.6

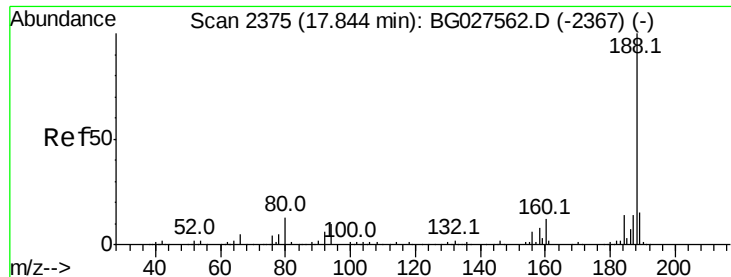


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

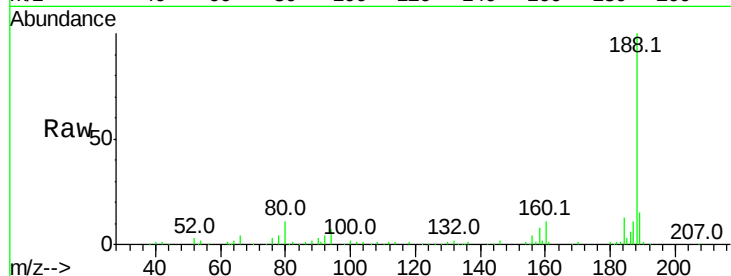




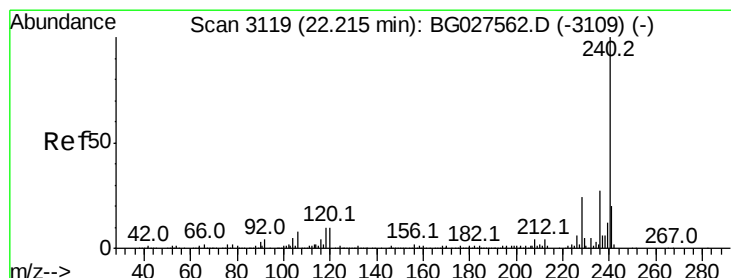
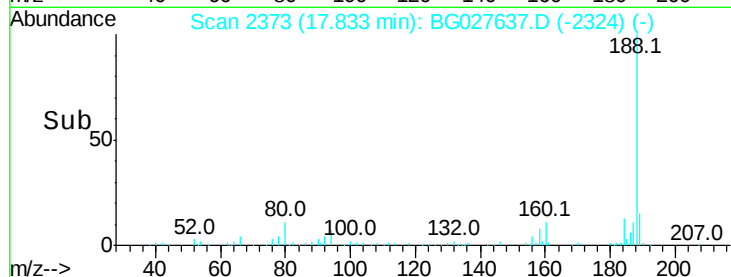
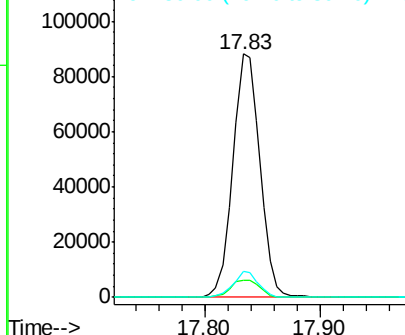
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.83 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG027637.D
 Acq: 23 Jun 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 142885
 Ion Ratio Lower Upper
 188 100
 94 7.1 5.8 8.8
 80 10.9 7.5 11.3

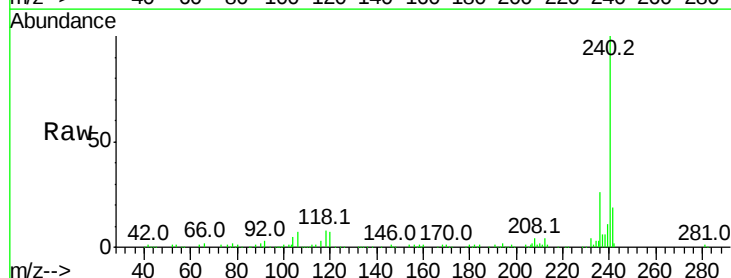


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

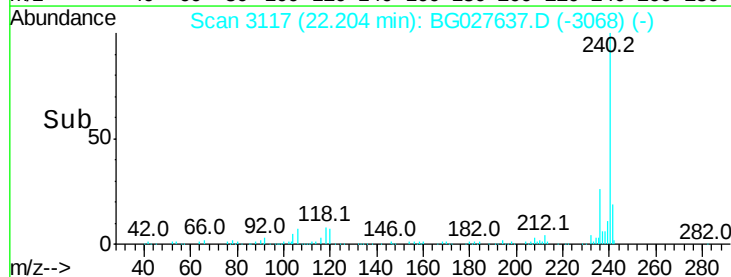
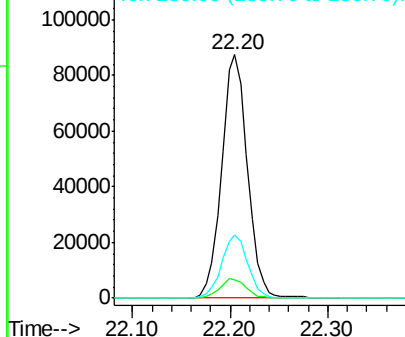


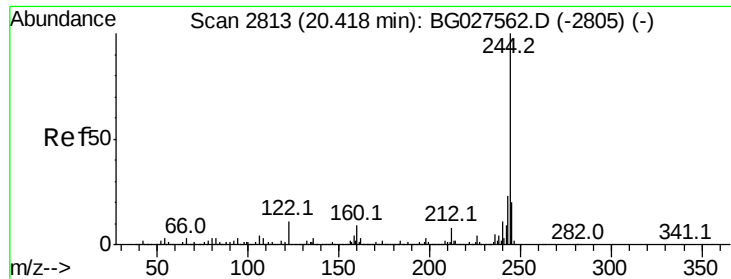
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.20 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG027637.D
 Acq: 23 Jun 2017 19:11

Tgt Ion:240 Resp: 159617
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.7 8.5
 236 26.1 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

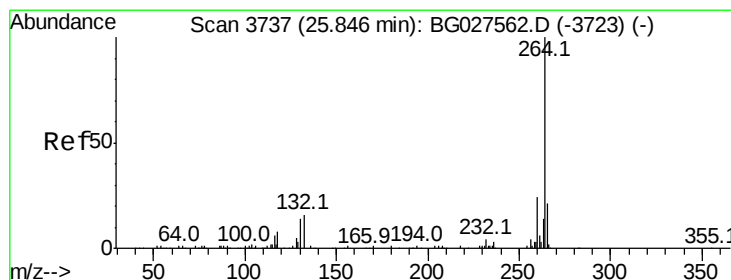
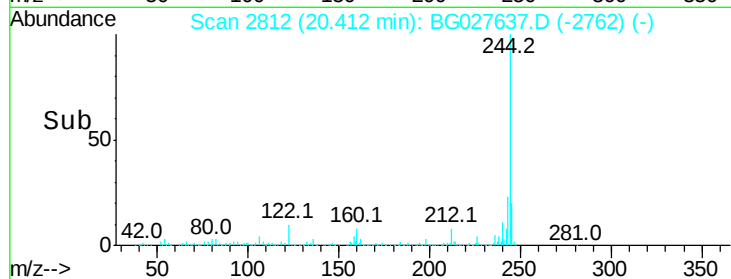
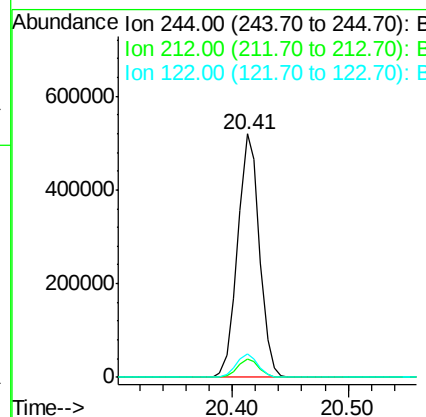
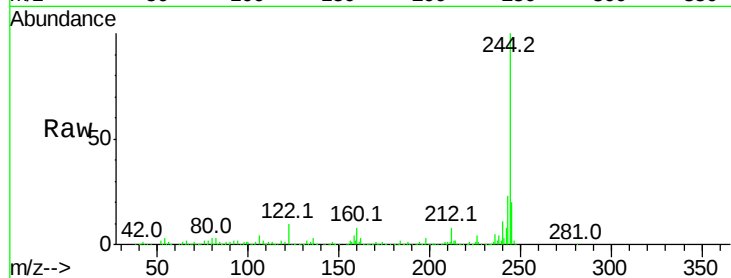




#78
 Terphenyl-d14
 Concen: 100.05 ng
 RT: 20.41 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BG027637.D
 Acq: 23 Jun 2017 19:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 677807
 Ion Ratio Lower Upper
 244 100
 212 7.7 10.0 15.0#
 122 9.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3736
 Delta R.T. -0.01 min
 Lab File: BG027637.D
 Acq: 23 Jun 2017 19:11

Tgt Ion:264 Resp: 150647
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.8 32.8
 265 22.0 18.2 27.4

