

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027605.D
 Acq On : 22 Jun 2017 20:53
 Operator : SJ/JU
 Sample : I3802-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-062017

Quant Time: Jun 23 02:10:28 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	19806	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87725	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	52366	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	157616	20.00	ng	0.00
75) Chrysene-d12	22.20	240	180155	20.00	ng	-0.01
86) Perylene-d12	25.84	264	171684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	143005	102.76	ng	0.00
7) Phenol-d6	7.64	99	178385	86.59	ng	0.00
23) Nitrobenzene-d5	9.67	82	133099	71.79	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	107849	138.15	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	295393	77.05	ng	0.00
78) Terphenyl-d14	20.42	244	695857	91.00	ng	0.00

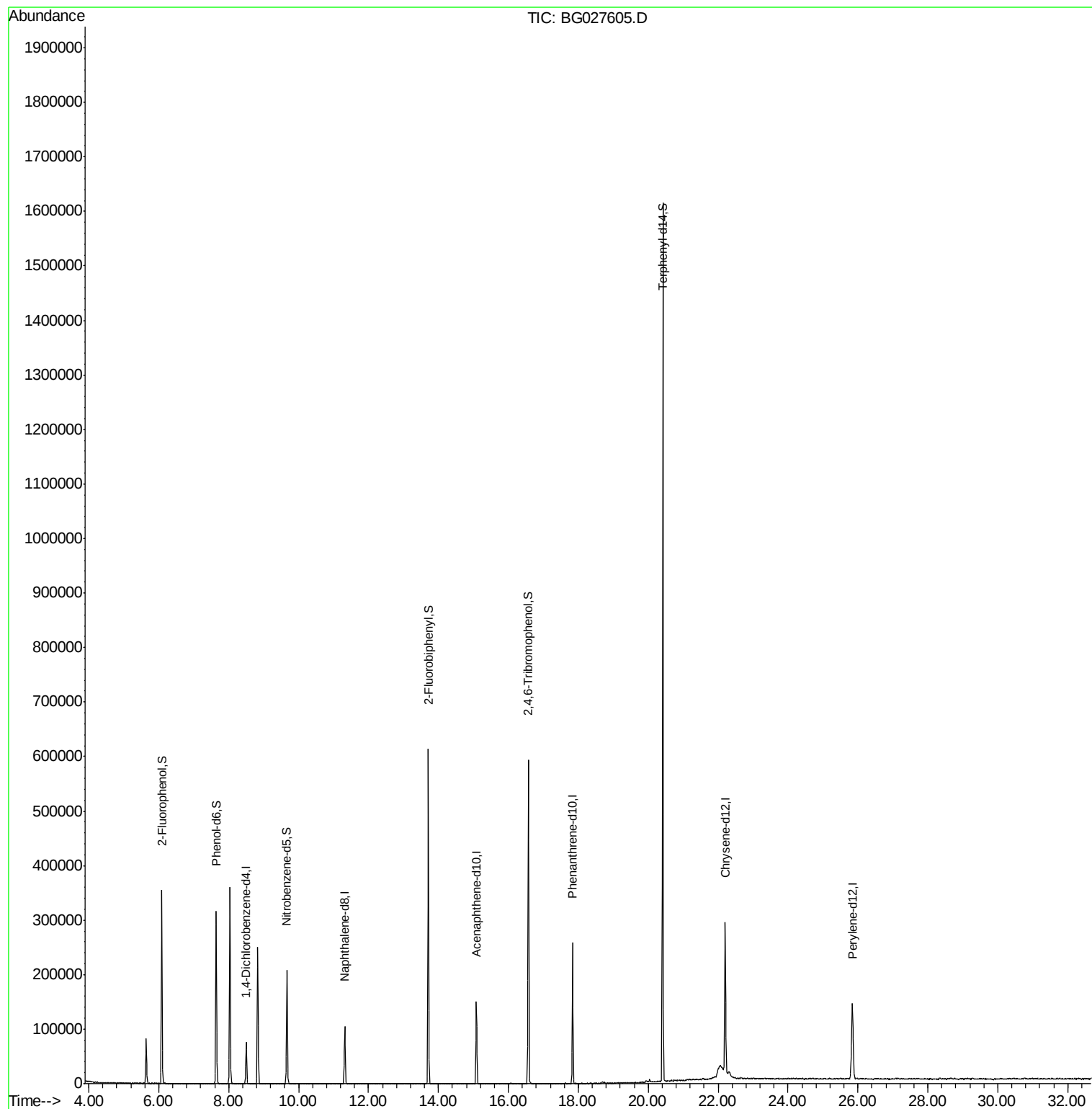
Target Compounds Qvalue

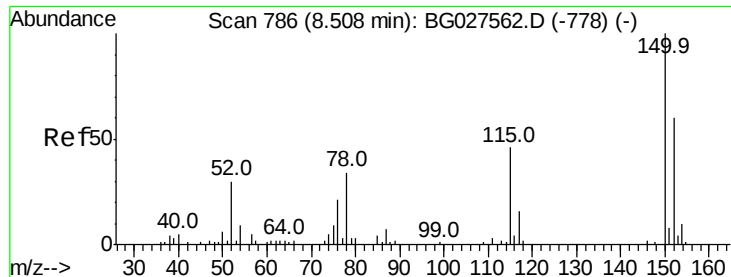
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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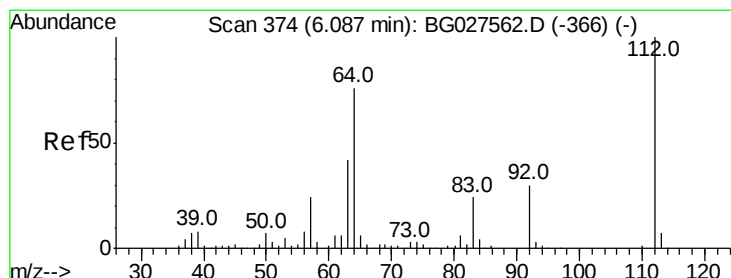
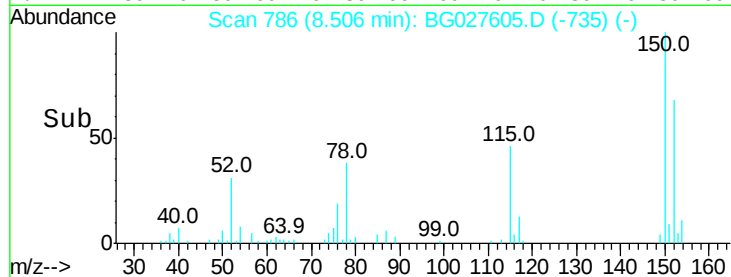
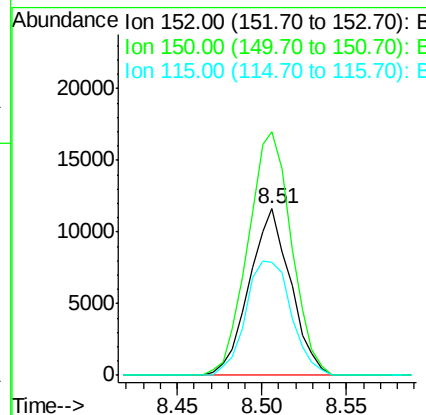
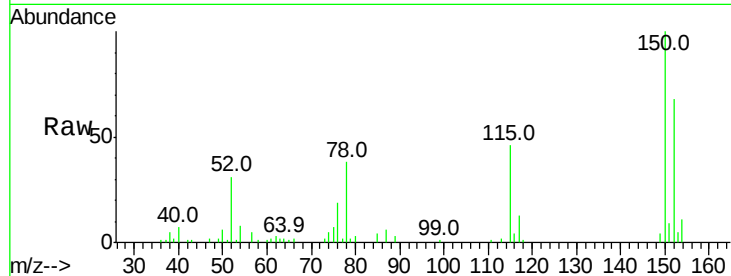


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Instrument :
BNA_G
ClientSampleId :
OK-02-062017

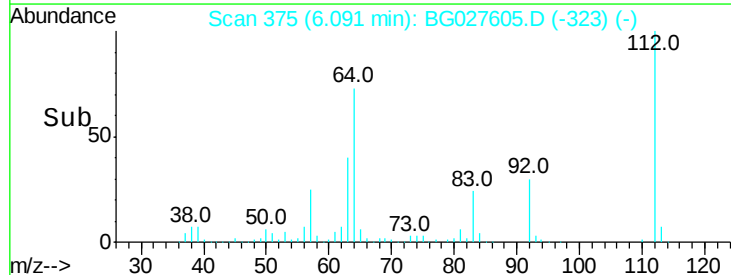
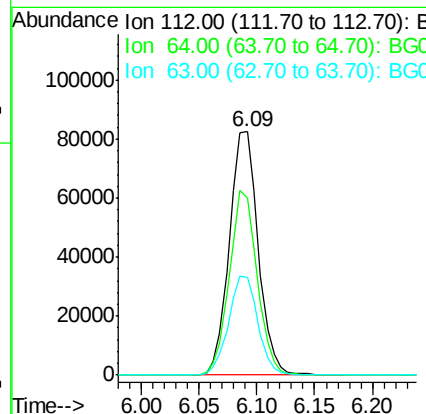
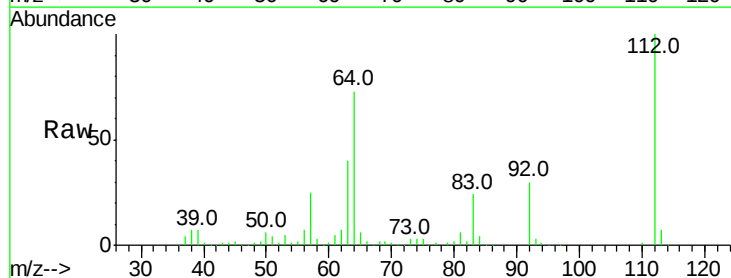
Tot Ion:152 Resp: 19806
Ion Ratio Lower Upper
152 100
150 146.3 114.0 171.0
115 67.8 48.1 72.1

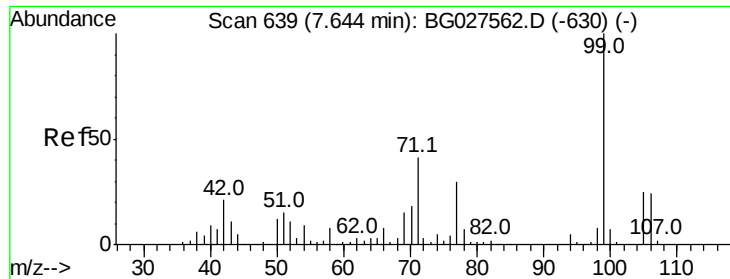


#5

2-Fluorophenol
Concen: 102.76 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Tgt Ion:112 Resp: 143005
Ion Ratio Lower Upper
112 100
64 72.9 61.8 92.6
63 40.3 37.2 55.8





#7

Phenol-d6

Concen: 86.59 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027605.D

Acq: 22 Jun 2017 20:53

Instrument :

BNA_G

ClientSampleId :

OK-02-062017

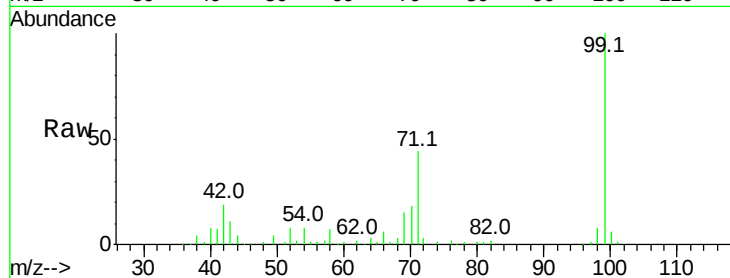
Tot Ion: 99 Resp: 178385

Ion Ratio Lower Upper

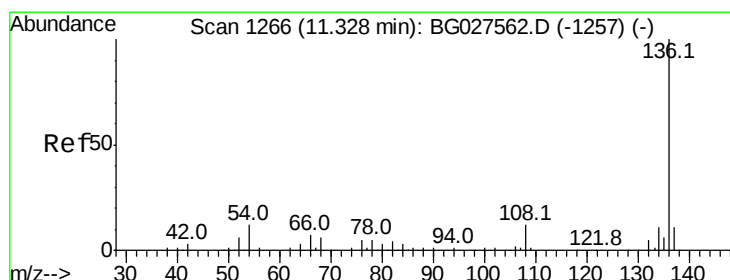
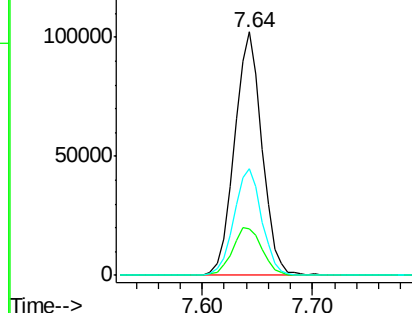
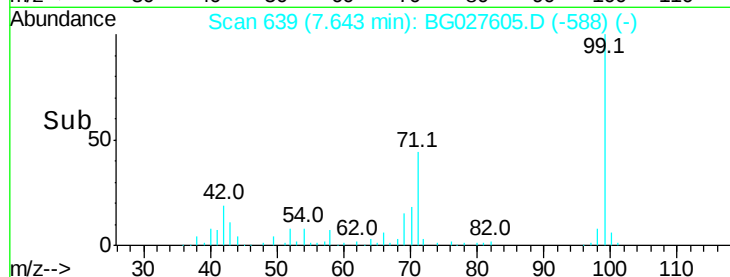
99 100

42 19.4 20.5 30.7#

71 43.6 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: BG027605.D

Acq: 22 Jun 2017 20:53

Tgt Ion: 136 Resp: 87725

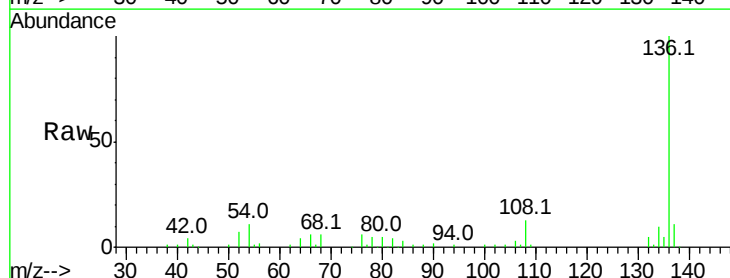
Ion Ratio Lower Upper

136 100

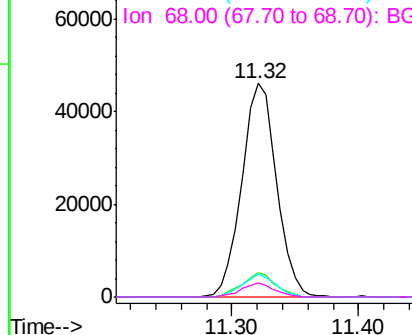
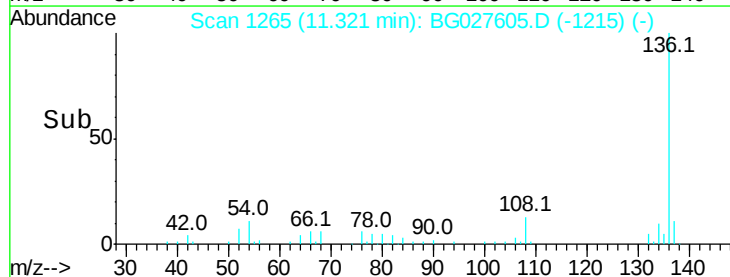
137 11.2 8.9 13.3

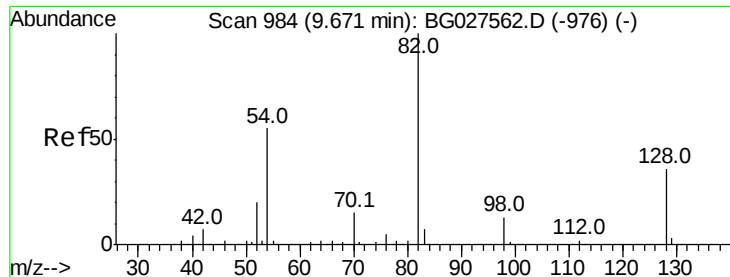
54 10.9 9.3 13.9

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

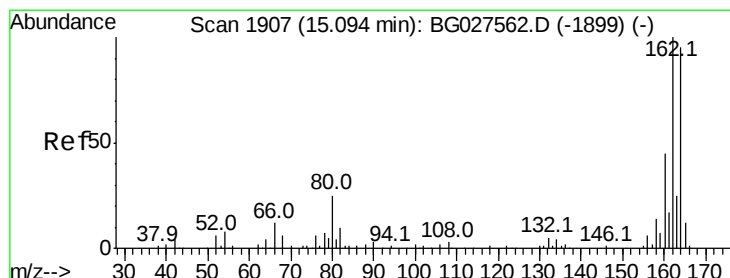
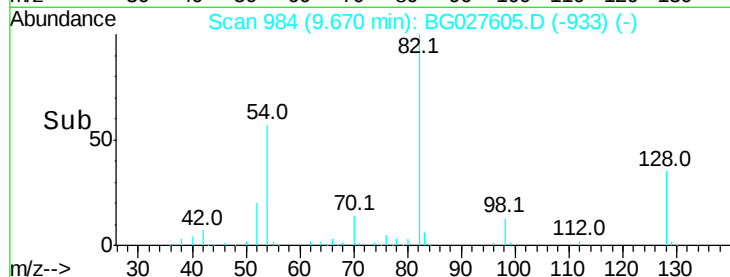
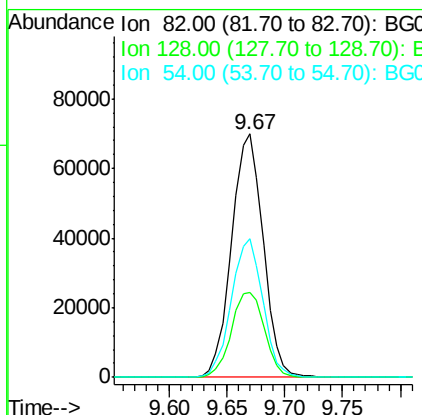
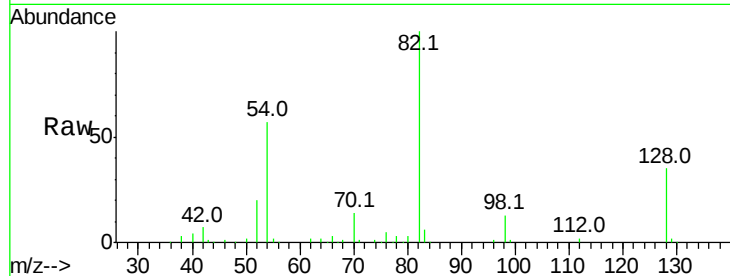




#23
Nitrobenzene-d5
Concen: 71.79 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

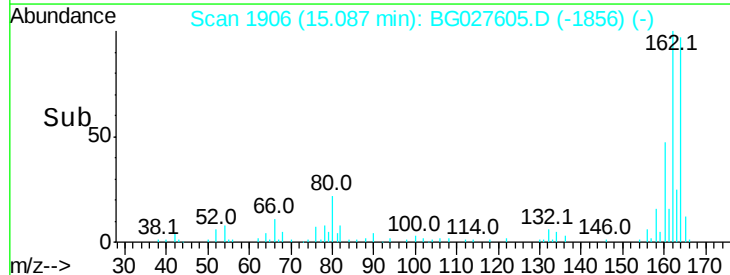
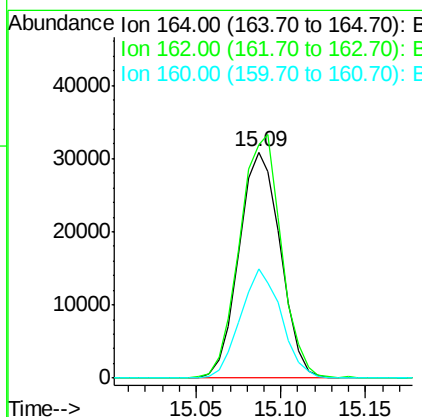
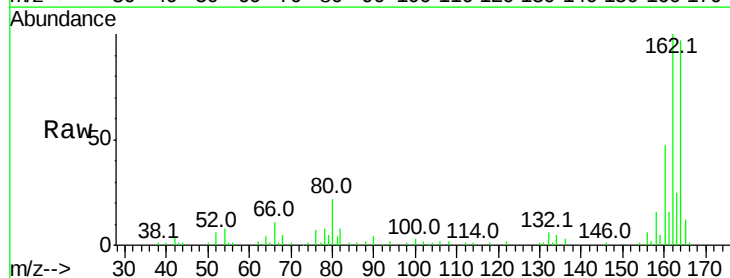
Instrument :
BNA_G
ClientSampleId :
OK-02-062017

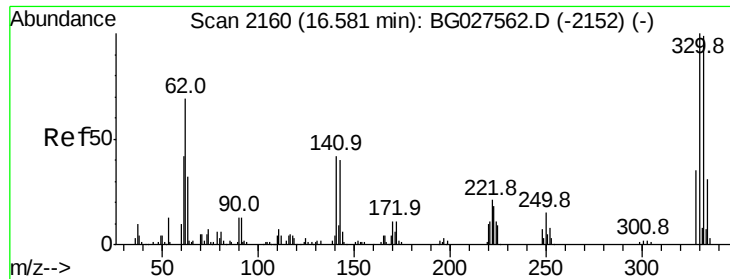
Tot Ion	82	Resp	133099
Ion Ratio	Lower	Upper	
82	100		
128	35.1	26.4	39.6
54	56.9	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Tgt Ion	164	Resp	52366
Ion Ratio	Lower	Upper	
164	100		
162	103.5	85.1	127.7
160	48.4	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 138.15 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027605.D

Acq: 22 Jun 2017 20:53

Instrument :

BNA_G

ClientSampleId :

OK-02-062017

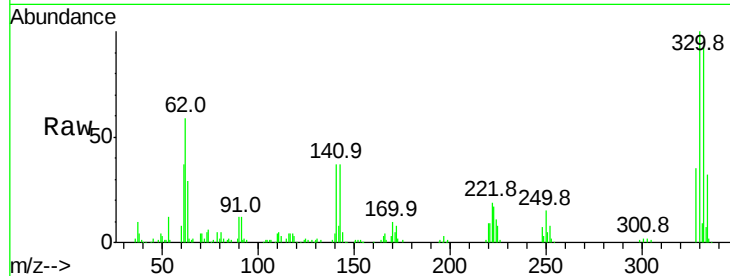
Tot Ion:330 Resp: 107849

Ion Ratio Lower Upper

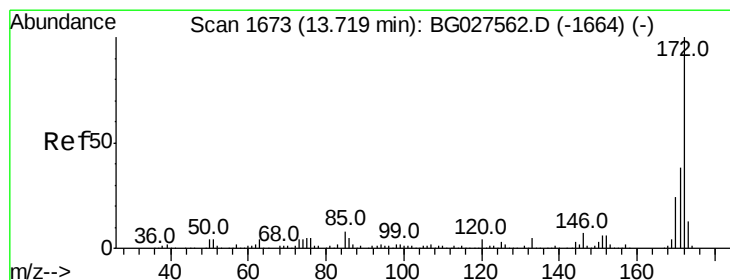
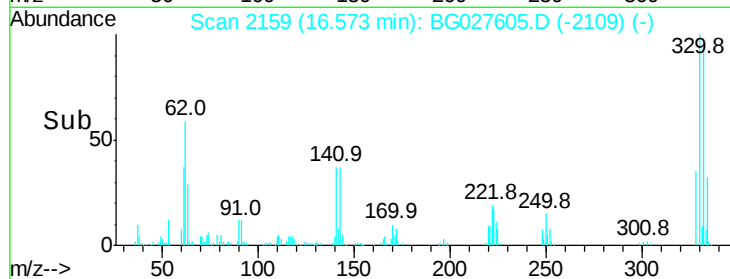
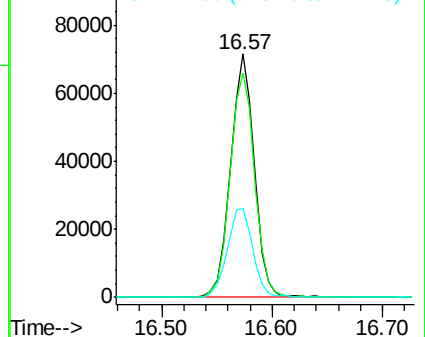
330 100

332 95.5 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: 77.05 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027605.D

Acq: 22 Jun 2017 20:53

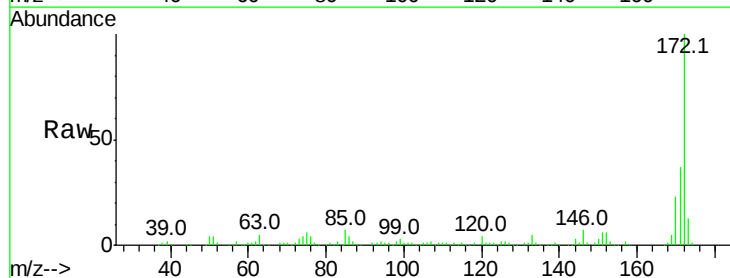
Tgt Ion:172 Resp: 295393

Ion Ratio Lower Upper

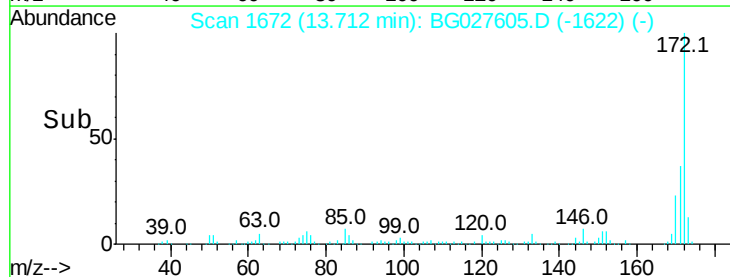
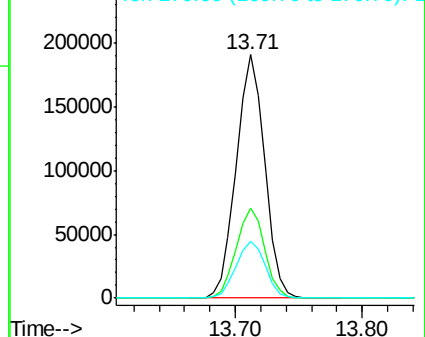
172 100

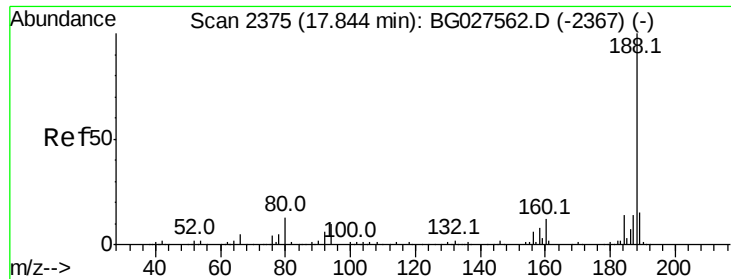
171 37.1 32.2 48.2

170 23.5 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

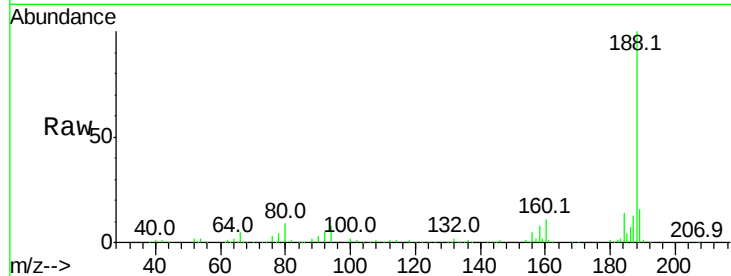




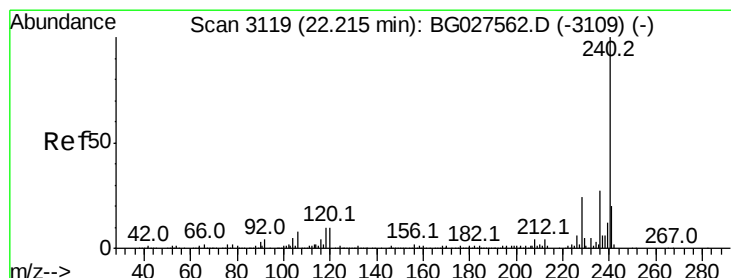
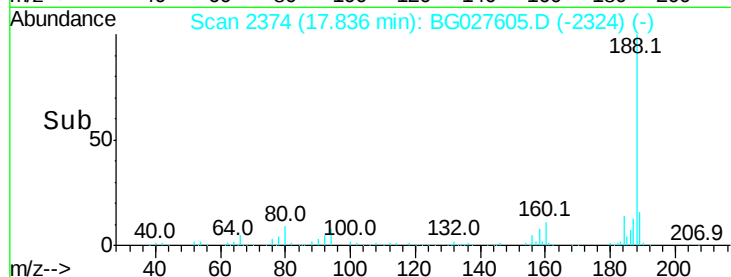
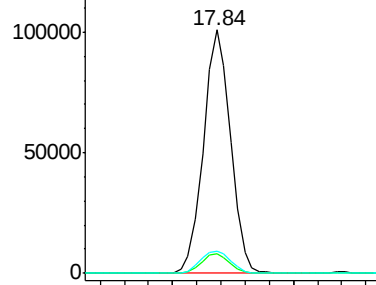
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Instrument :
BNA_G
ClientSampleId :
OK-02-062017

Tot Ion:188 Resp: 157616
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.8
80 9.2 7.5 11.3

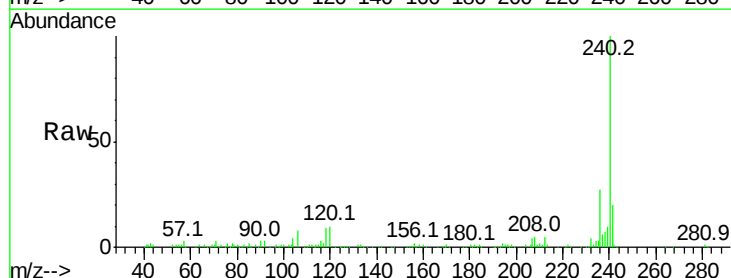


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

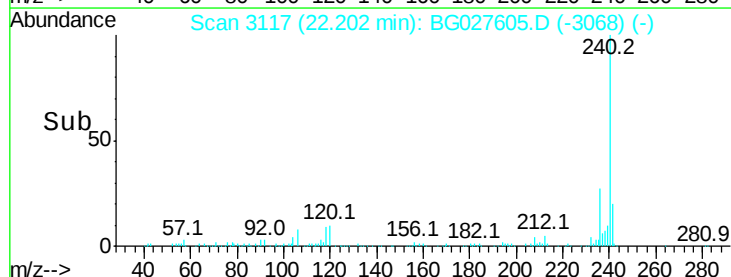
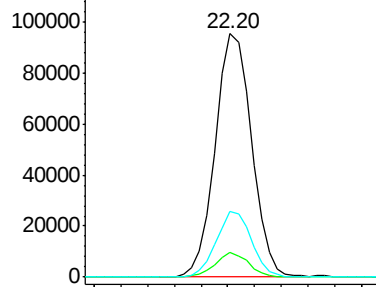


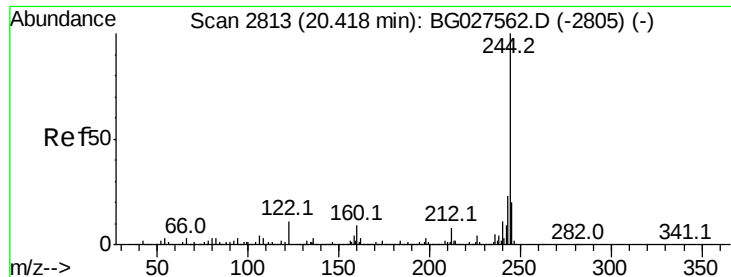
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027605.D
Acq: 22 Jun 2017 20:53

Tgt Ion:240 Resp: 180155
Ion Ratio Lower Upper
240 100
120 10.4 5.7 8.5#
236 27.2 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: 91.00 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027605.D

Acq: 22 Jun 2017 20:53

Instrument :

BNA_G

ClientSampleId :

OK-02-062017

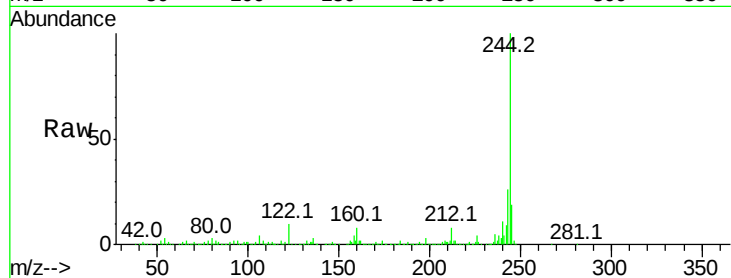
Tot Ion:244 Resp: 695857

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

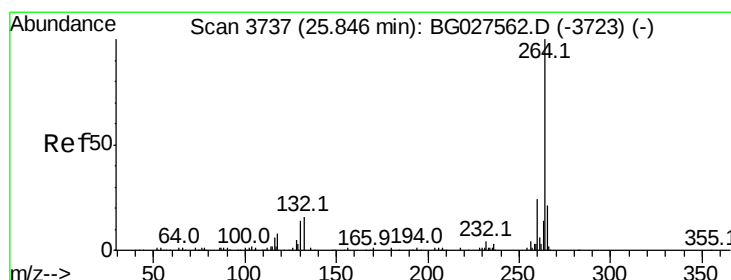
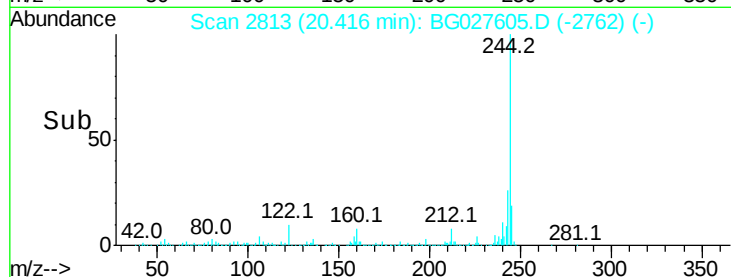
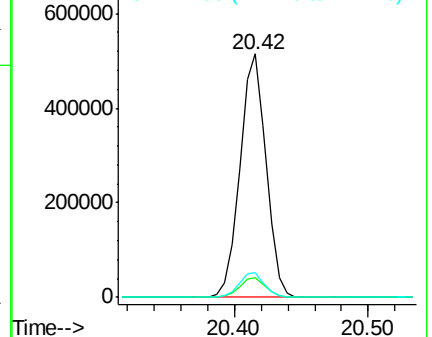
122 9.9 8.6 12.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027605.D

Acq: 22 Jun 2017 20:53

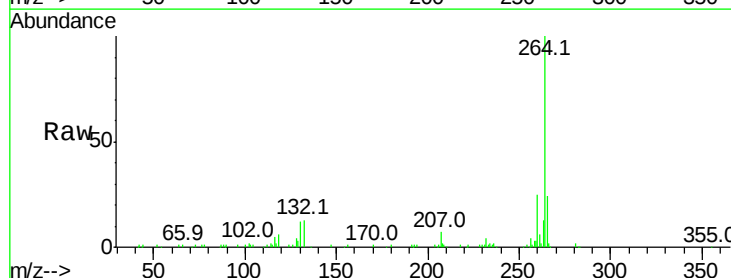
Tgt Ion:264 Resp: 171684

Ion Ratio Lower Upper

264 100

260 25.3 21.8 32.8

265 24.3 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

