

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027645.D
 Acq On : 24 Jun 2017 00:30
 Operator : SJ/JU
 Sample : I3868-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-C

Quant Time: Jun 24 01:28:07 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	16374	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	74285	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	46649	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	144024	20.00	ng	0.00
75) Chrysene-d12	22.21	240	163173	20.00	ng	0.00
86) Perylene-d12	25.84	264	158057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	151527	131.71	ng	0.00
7) Phenol-d6	7.64	99	186911	109.74	ng	0.00
23) Nitrobenzene-d5	9.67	82	143865	91.64	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	138066	198.52	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	334240	97.87	ng	0.00
78) Terphenyl-d14	20.42	244	777218	112.22	ng	0.00

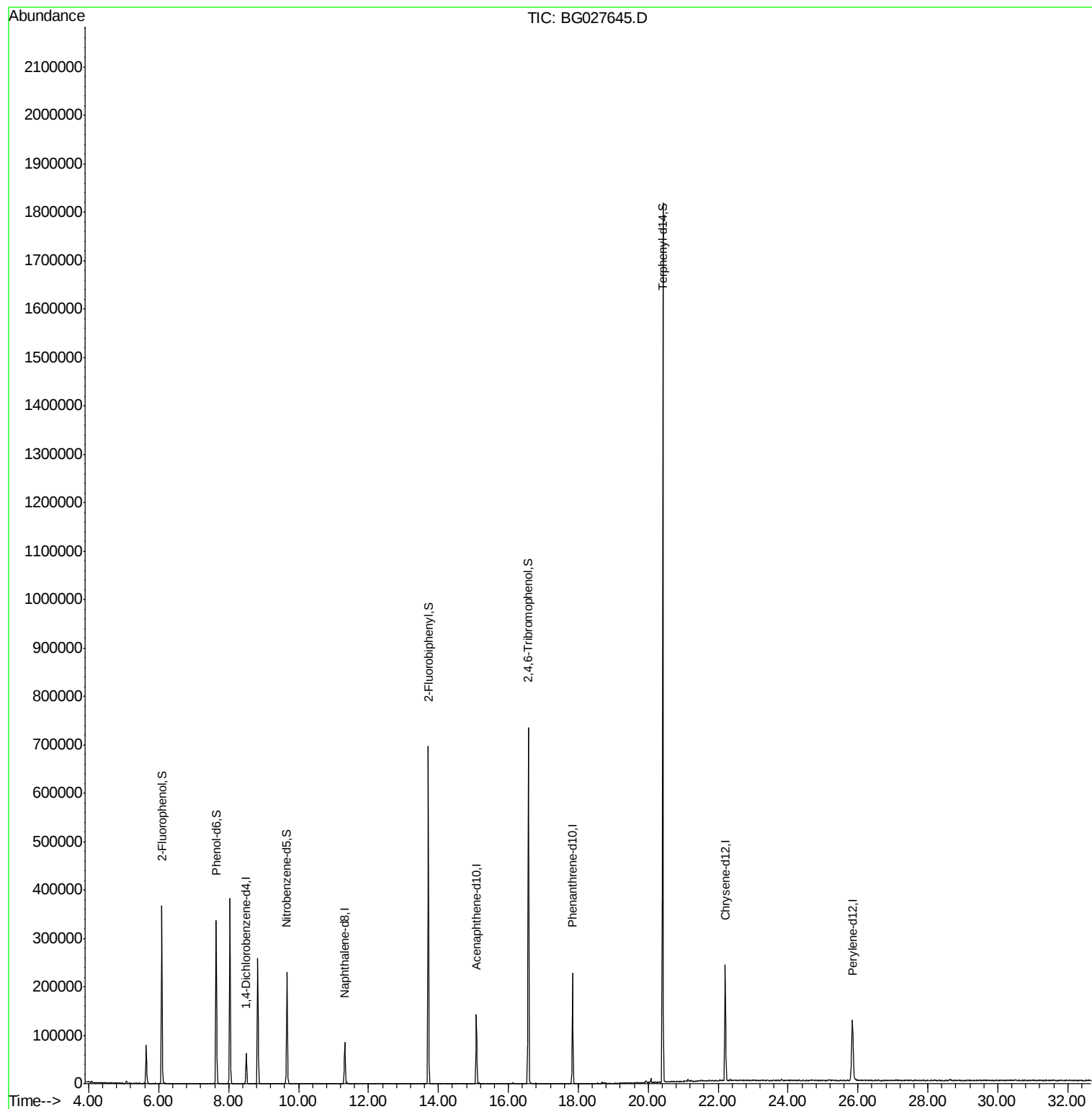
Target Compounds Qvalue

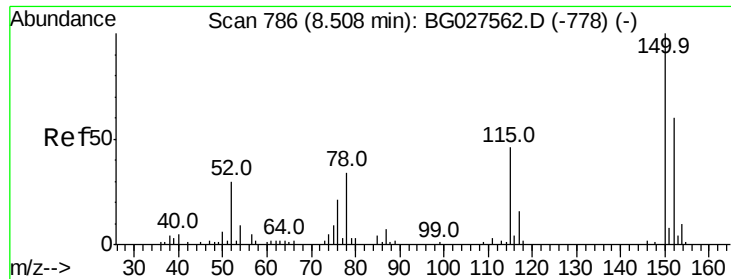
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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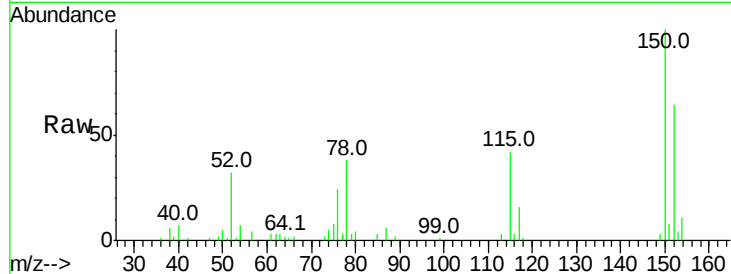


#1

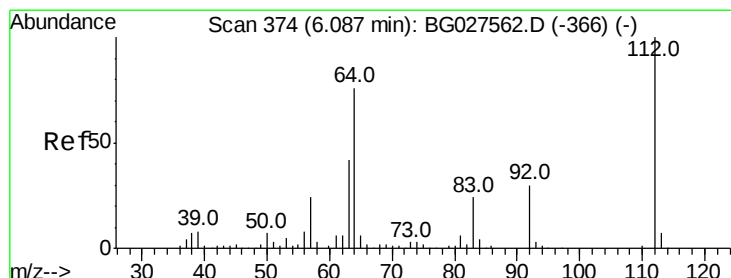
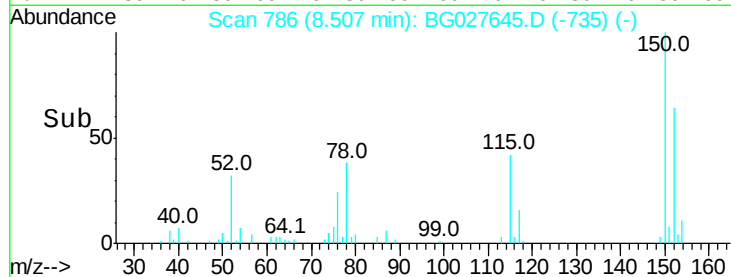
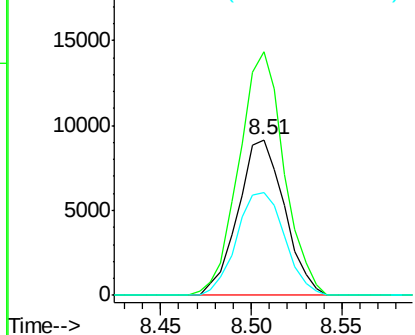
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027645.D
Acq: 24 Jun 2017 00:30

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-C

Tot Ion:152 Resp: 16374
Ion Ratio Lower Upper
152 100
150 156.2 114.0 171.0
115 65.9 48.1 72.1



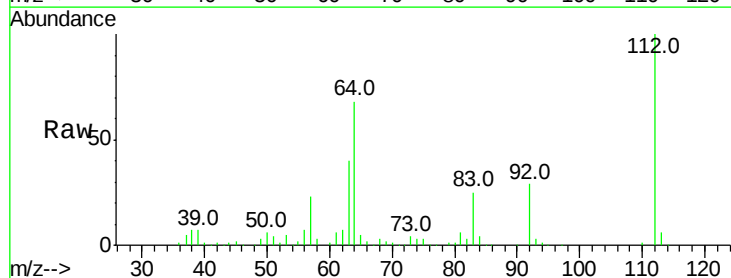
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



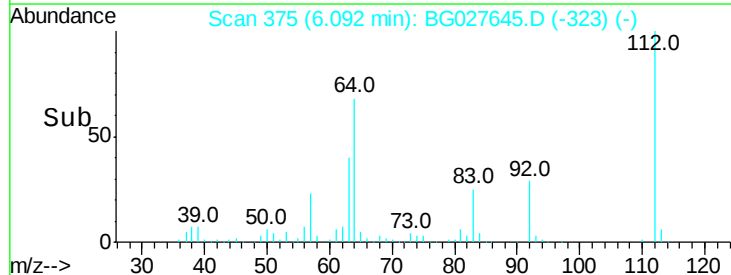
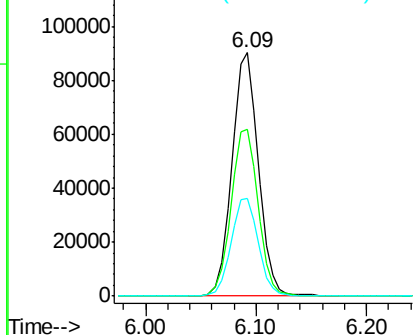
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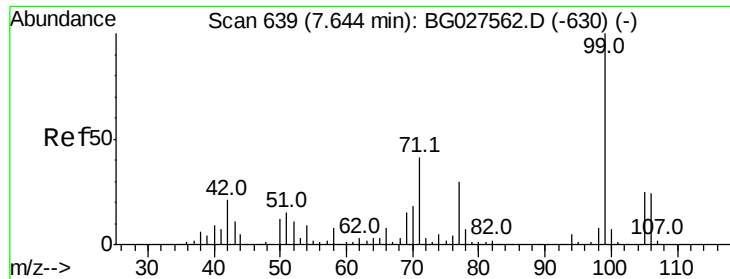
2-Fluorophenol
Concen: 131.71 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027645.D
Acq: 24 Jun 2017 00:30

Tgt Ion:112 Resp: 151527
Ion Ratio Lower Upper
112 100
64 68.5 61.8 92.6
63 40.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 109.74 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027645.D

Acq: 24 Jun 2017 00:30

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-C

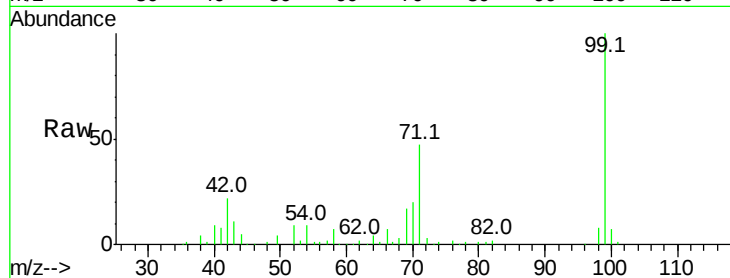
Tot Ion: 99 Resp: 186911

Ion Ratio Lower Upper

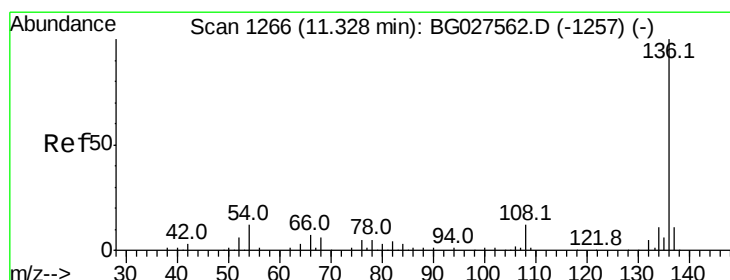
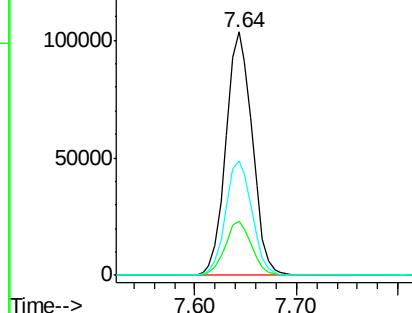
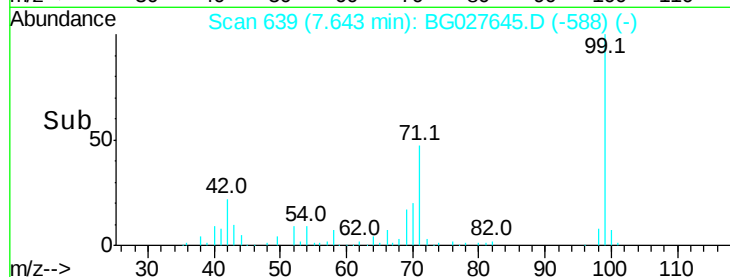
99 100

42 22.2 20.5 30.7

71 47.2 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. -0.01 min

Lab File: BG027645.D

Acq: 24 Jun 2017 00:30

Tgt Ion: 136 Resp: 74285

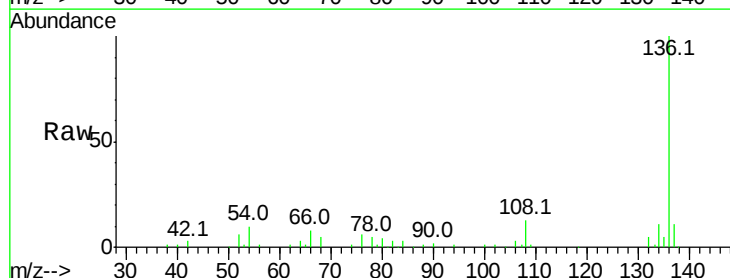
Ion Ratio Lower Upper

136 100

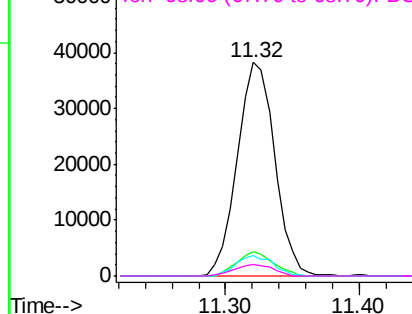
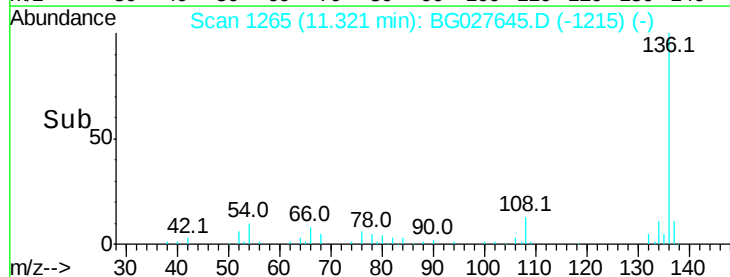
137 11.4 8.9 13.3

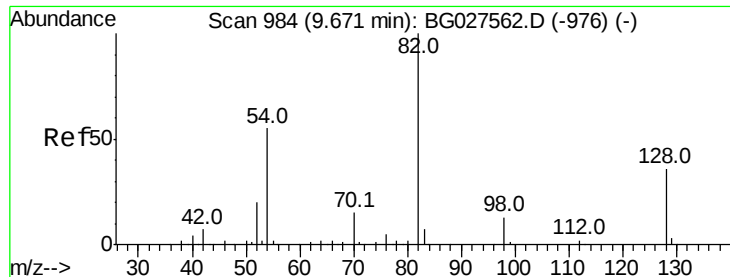
54 9.6 9.3 13.9

68 5.4 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

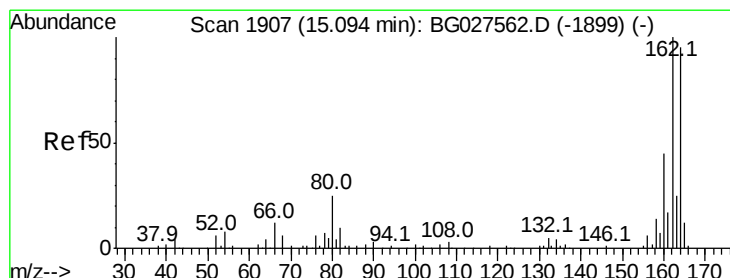
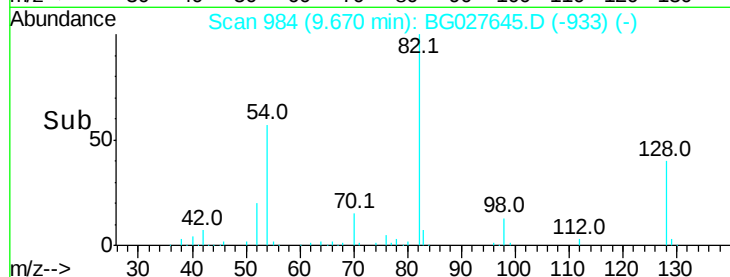
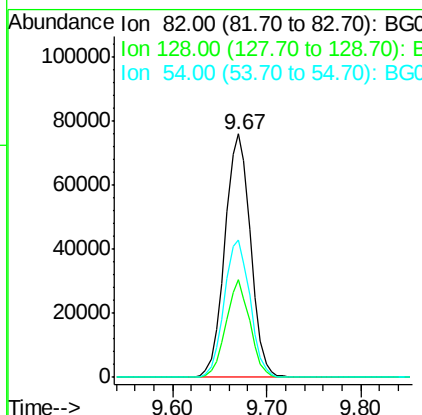
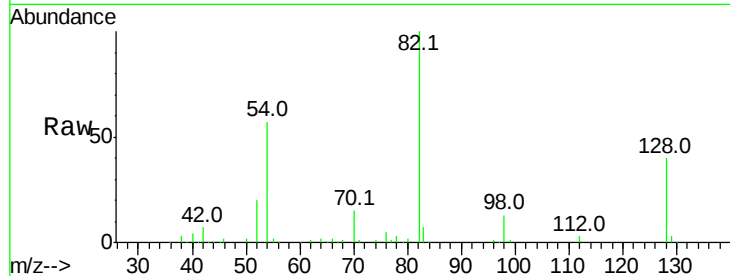




#23
 Nitrobenzene-d5
 Concen: 91.64 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027645.D
 Acq: 24 Jun 2017 00:30

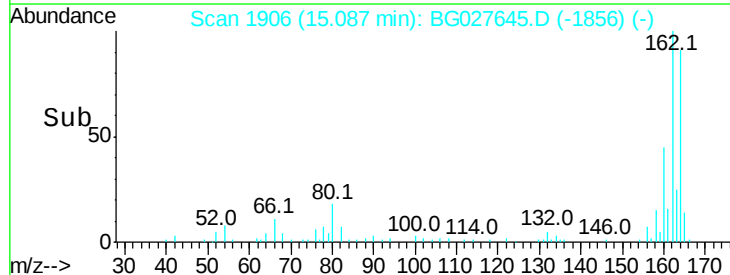
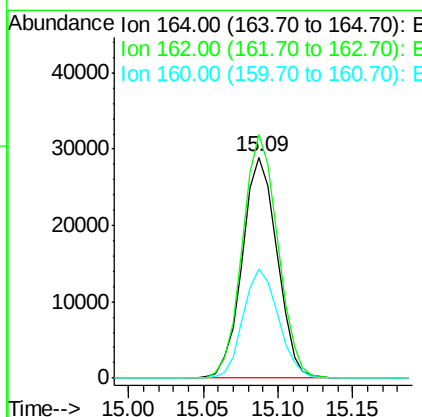
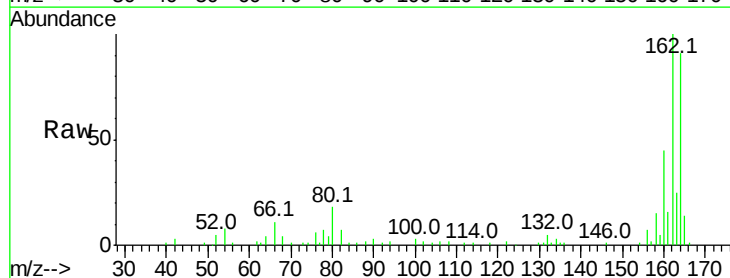
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062217-C

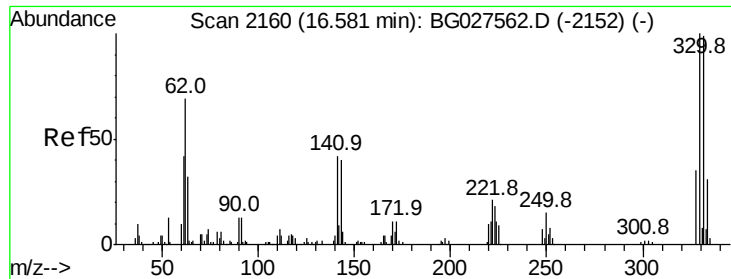
Tot Ion	82	Resp	143865
Ion Ratio	Lower	Upper	
82	100		
128	40.2	26.4	39.6#
54	56.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027645.D
 Acq: 24 Jun 2017 00:30

Tgt Ion	164	Resp	46649
Ion Ratio	Lower	Upper	
164	100		
162	110.2	85.1	127.7
160	49.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 198.52 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027645.D

Acq: 24 Jun 2017 00:30

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-C

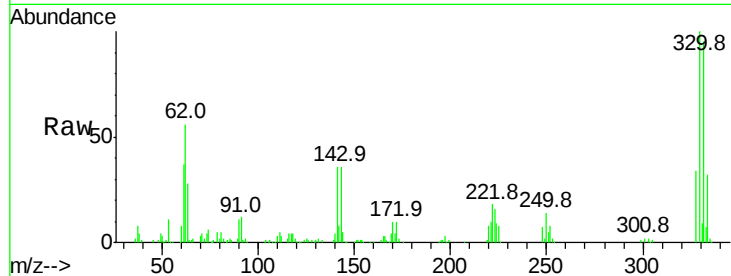
Tot Ion:330 Resp: 138066

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

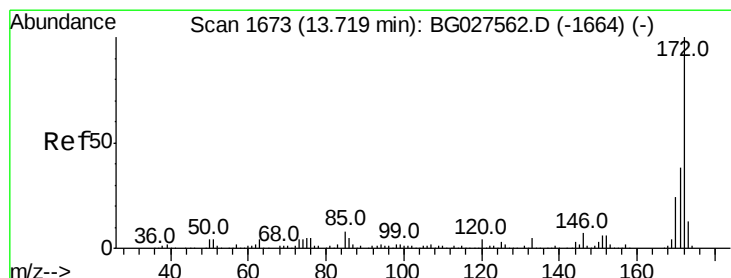
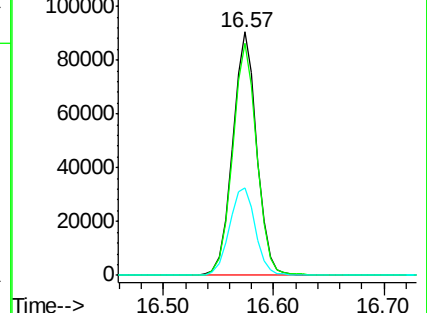
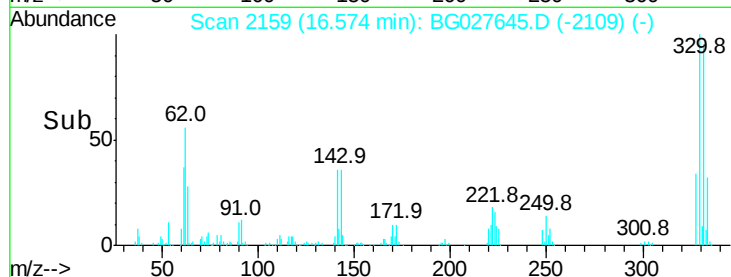
141 38.6 32.1 48.1



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: 97.87 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027645.D

Acq: 24 Jun 2017 00:30

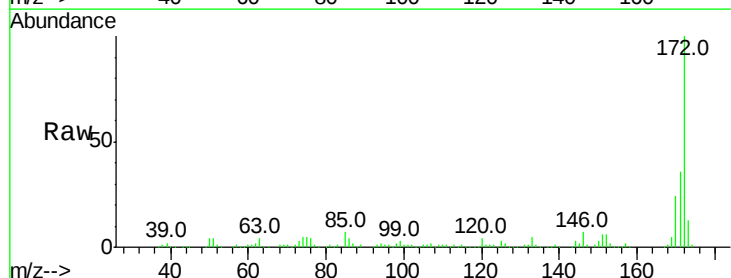
Tgt Ion:172 Resp: 334240

Ion Ratio Lower Upper

172 100

171 35.7 32.2 48.2

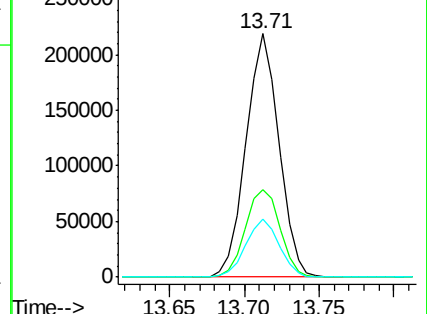
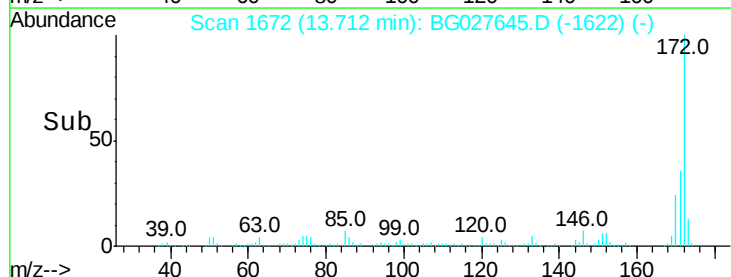
170 23.7 21.8 32.6

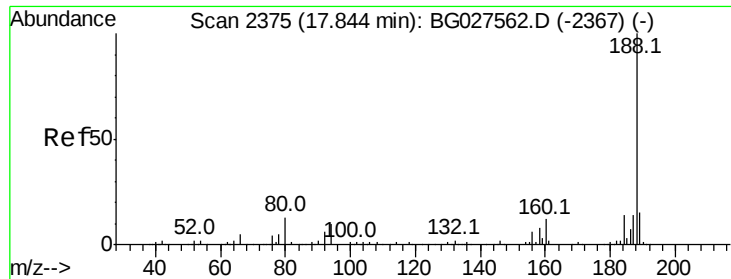


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

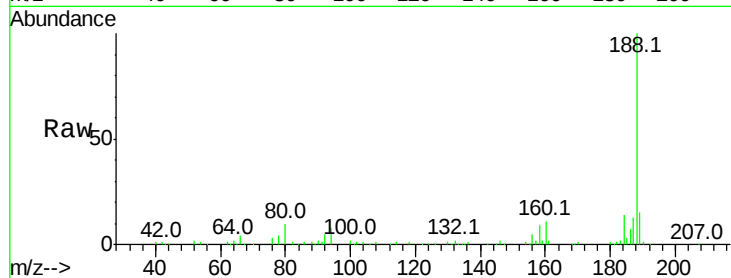




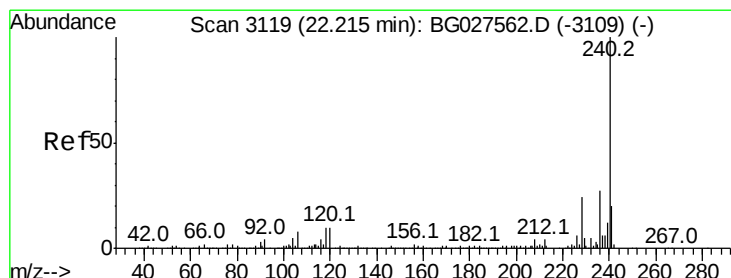
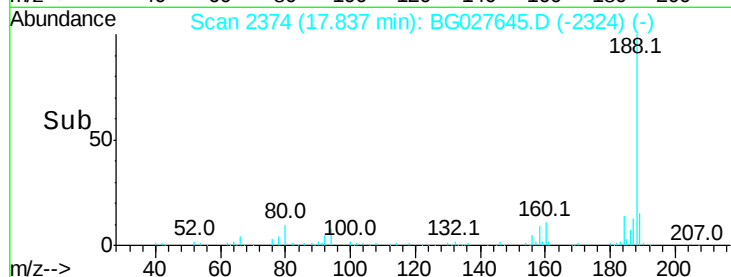
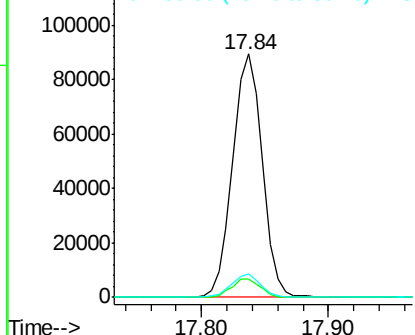
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027645.D
Acq: 24 Jun 2017 00:30

Instrument :
BNA_G
ClientSampleId :
CL-01-062217-C

Tot Ion:188 Resp: 144024
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.8
80 9.8 7.5 11.3

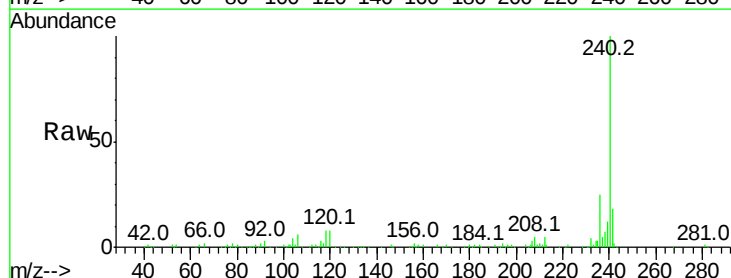


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

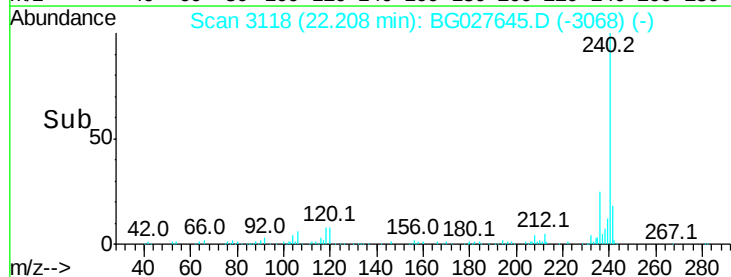
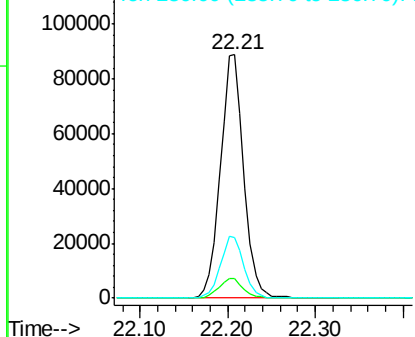


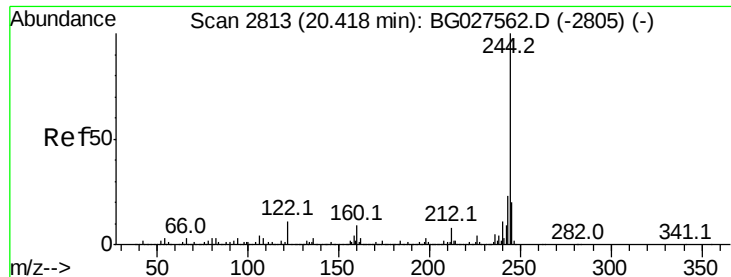
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027645.D
Acq: 24 Jun 2017 00:30

Tgt Ion:240 Resp: 163173
Ion Ratio Lower Upper
240 100
120 8.1 5.7 8.5
236 24.7 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: 112.22 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027645.D

Acq: 24 Jun 2017 00:30

Instrument :

BNA_G

ClientSampleId :

CL-01-062217-C

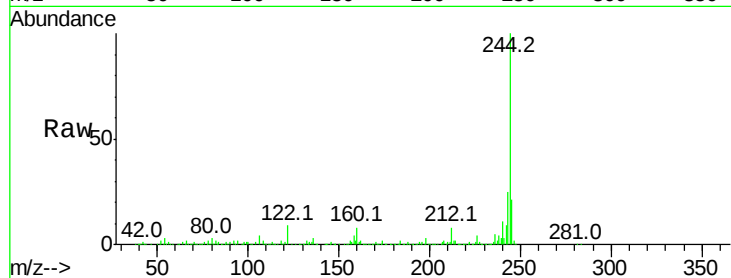
Tot Ion:244 Resp: 777218

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

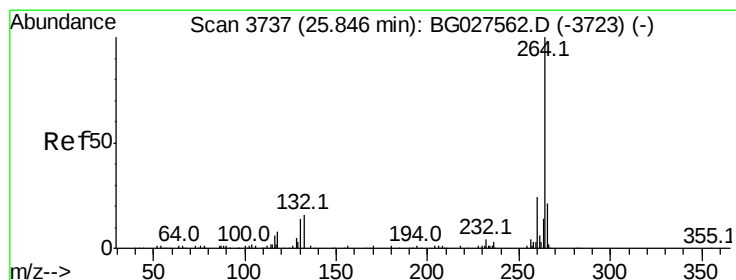
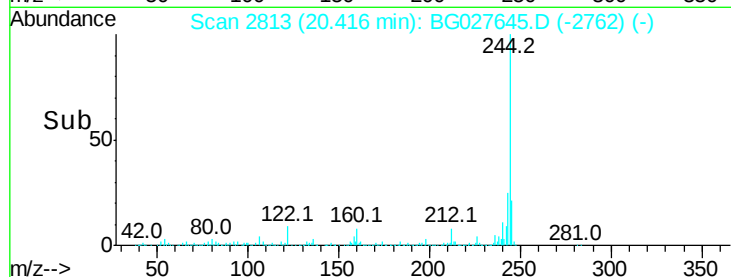
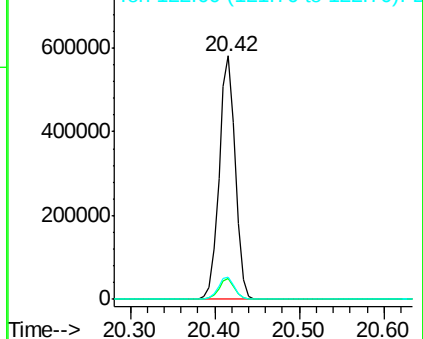
122 9.2 8.6 12.8



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: BG027645.D

Acq: 24 Jun 2017 00:30

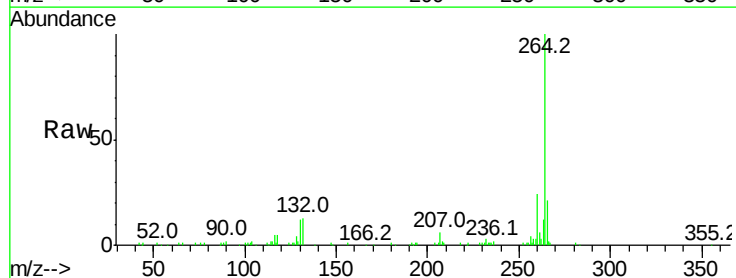
Tgt Ion:264 Resp: 158057

Ion Ratio Lower Upper

264 100

260 23.6 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

