

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027628.D
 Acq On : 23 Jun 2017 12:33
 Operator : SJ/JU
 Sample : I3792-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061917

Quant Time: Jun 23 15:20:41 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	17915	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	81309	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	50614	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	164168	20.00	ng	0.00
75) Chrysene-d12	22.20	240	186037	20.00	ng	-0.01
86) Perylene-d12	25.84	264	177583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	172897	137.35	ng	0.00
7) Phenol-d6	7.64	99	216508	116.18	ng	0.00
23) Nitrobenzene-d5	9.67	82	161356	93.90	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	153056	202.84	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	363629	98.14	ng	0.00
78) Terphenyl-d14	20.42	244	884823	112.06	ng	0.00

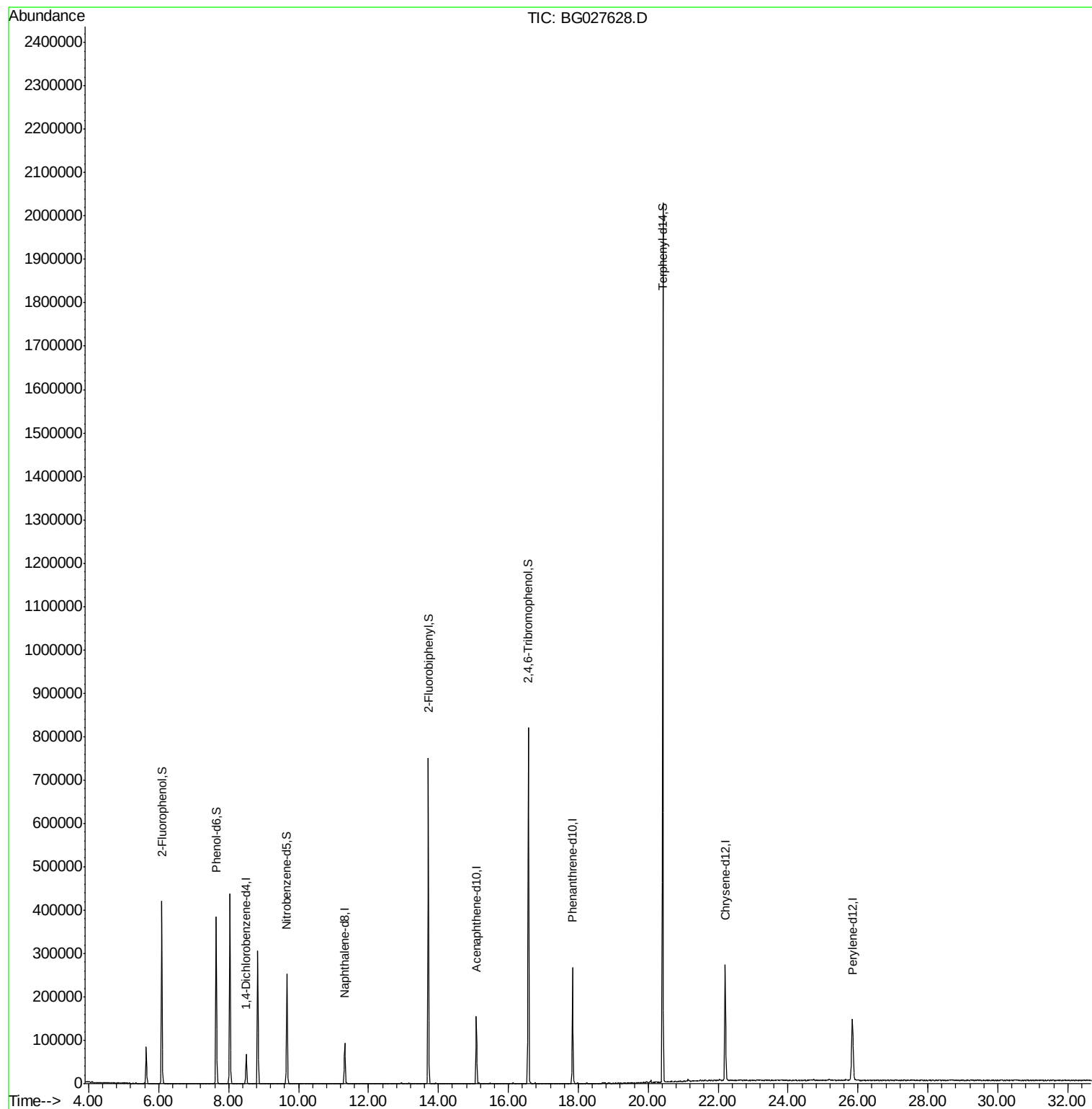
Target Compounds Qvalue

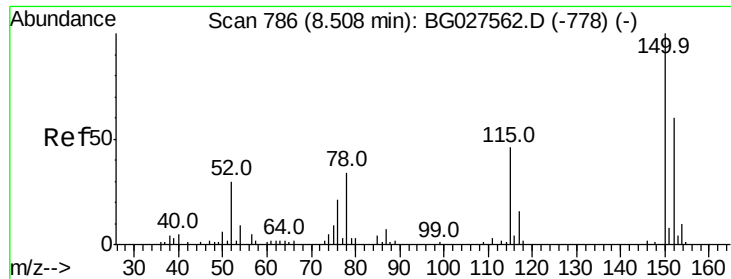
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027628.D

Acq: 23 Jun 2017 12:33

Instrument :

BNA_G

ClientSampleId :

OR-03-061917

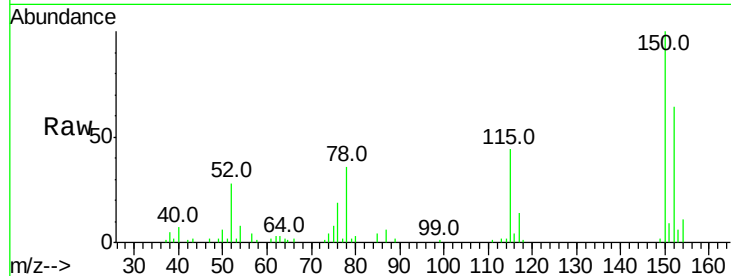
Tot Ion:152 Resp: 17915

Ion Ratio Lower Upper

152 100

150 155.1 114.0 171.0

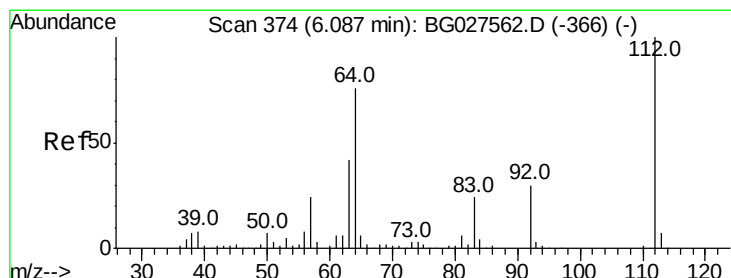
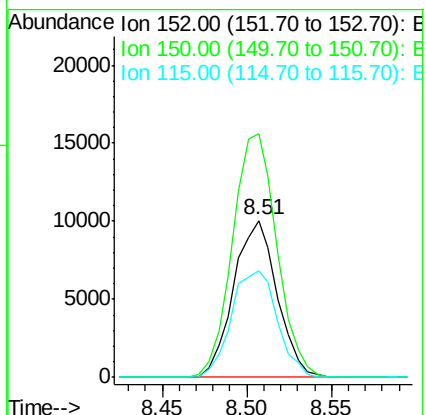
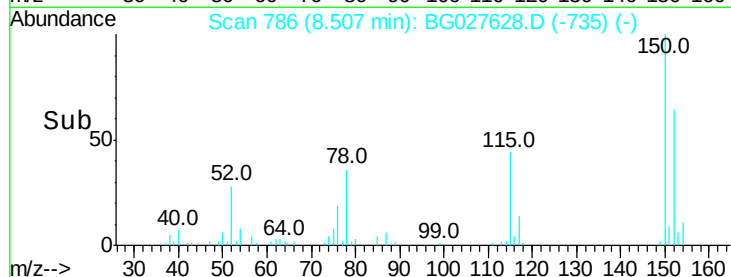
115 68.1 48.1 72.1



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: 137.35 ng

RT: 6.09 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027628.D

Acq: 23 Jun 2017 12:33

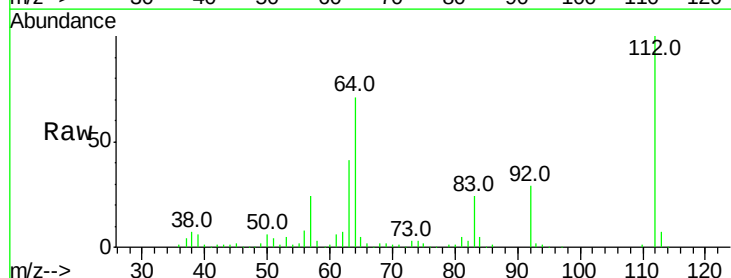
Tgt Ion:112 Resp: 172897

Ion Ratio Lower Upper

112 100

64 71.3 61.8 92.6

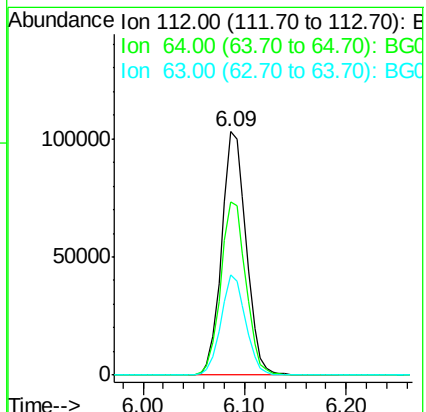
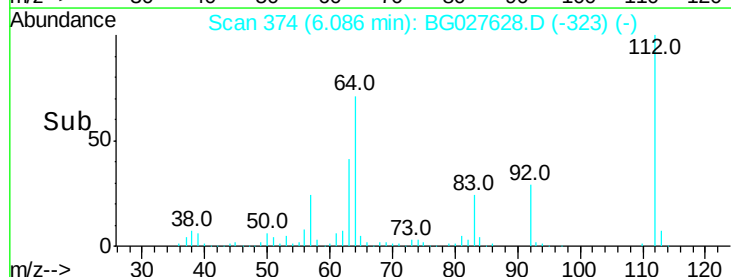
63 41.0 37.2 55.8

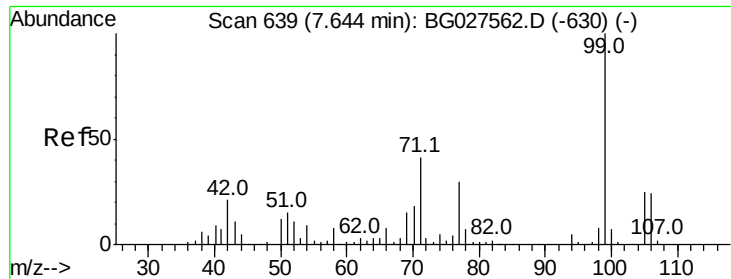


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.18 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027628.D

Acq: 23 Jun 2017 12:33

Instrument :

BNA_G

ClientSampleId :

OR-03-061917

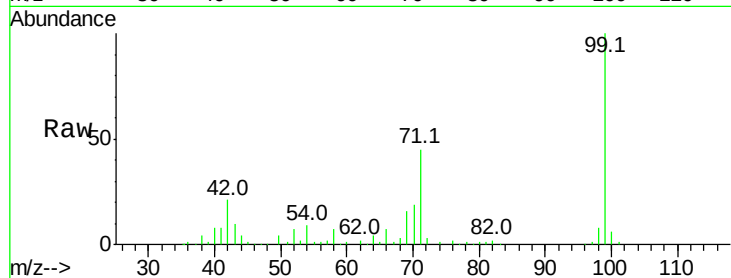
Tot Ion: 99 Resp: 216508

Ion Ratio Lower Upper

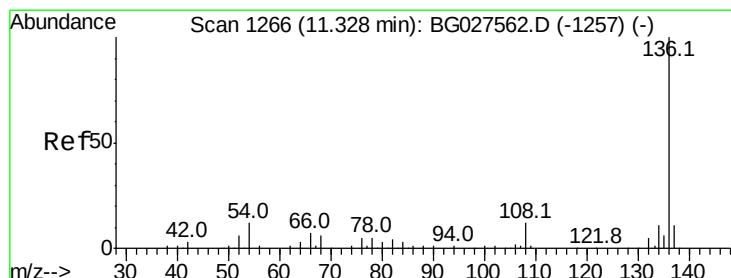
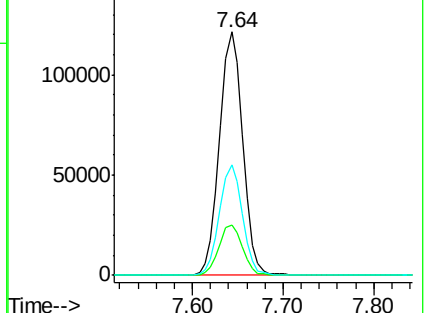
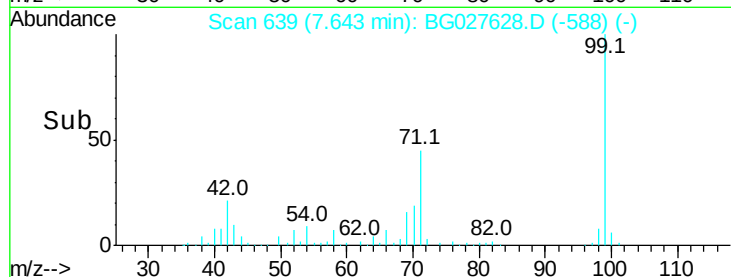
99 100

42 20.8 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. -0.01 min

Lab File: BG027628.D

Acq: 23 Jun 2017 12:33

Tgt Ion: 136 Resp: 81309

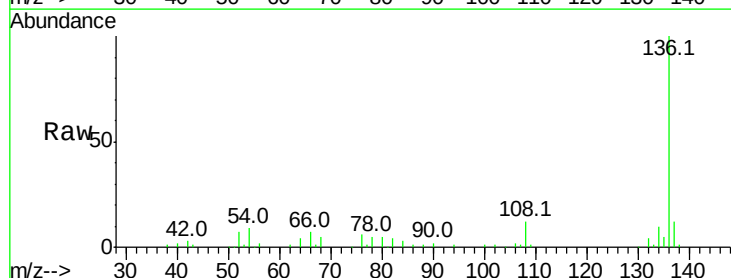
Ion Ratio Lower Upper

136 100

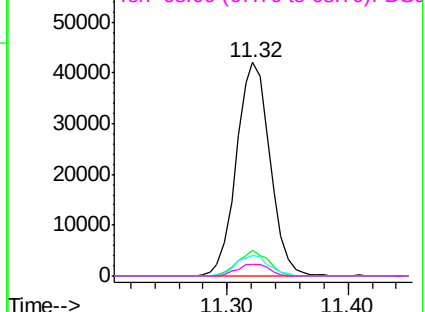
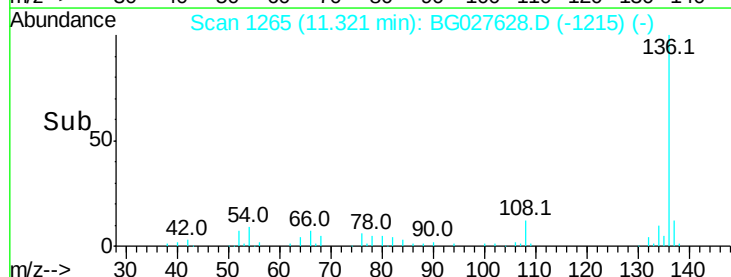
137 12.1 8.9 13.3

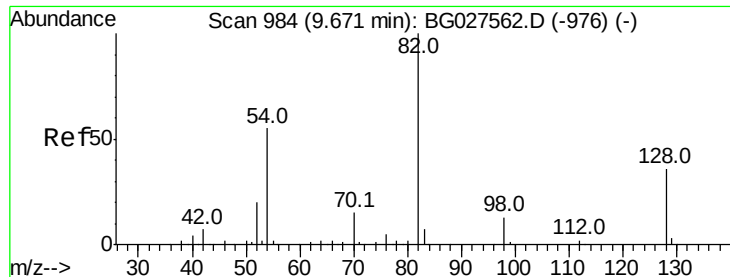
54 9.5 9.3 13.9

68 5.2 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: 93.90 ng

RT: 9.67 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG027628.D

Acq: 23 Jun 2017 12:33

Instrument :

BNA_G

ClientSampleId :

OR-03-061917

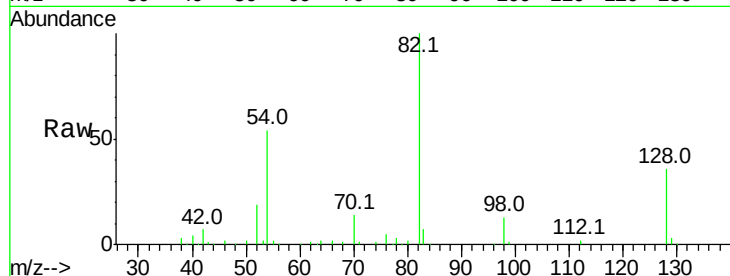
Tot Ion: 82 Resp: 161356

Ion Ratio Lower Upper

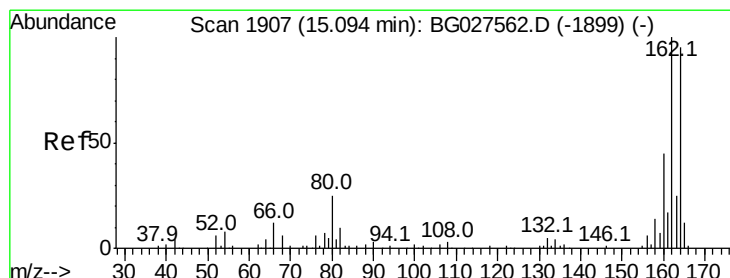
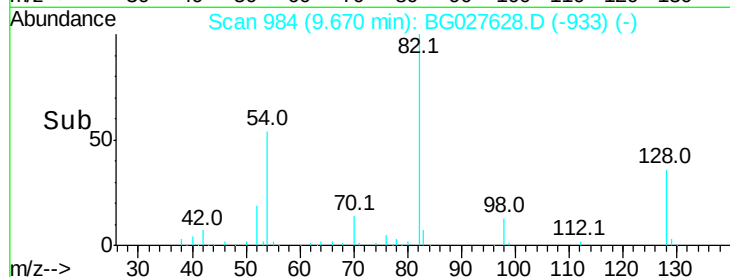
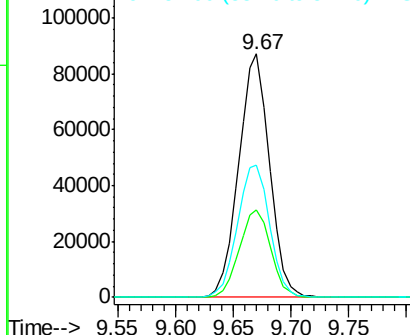
82 100

128 35.8 26.4 39.6

54 54.2 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG027628.D

Acq: 23 Jun 2017 12:33

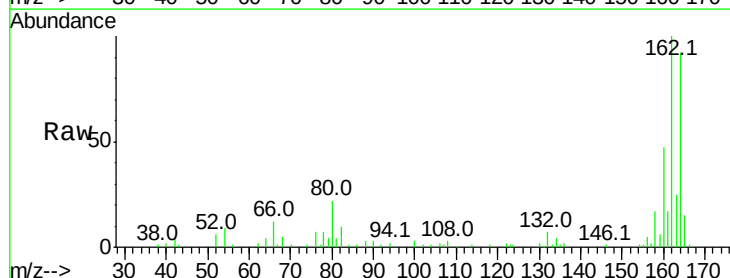
Tgt Ion:164 Resp: 50614

Ion Ratio Lower Upper

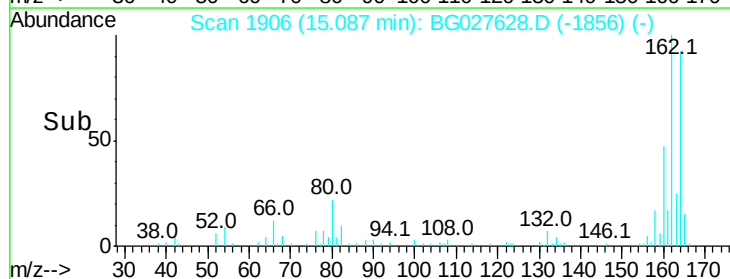
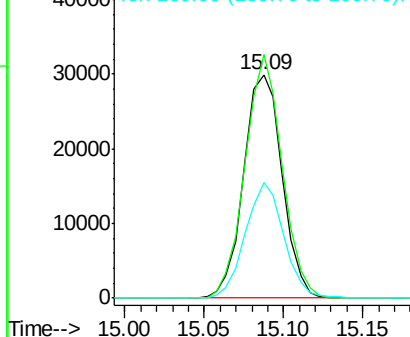
164 100

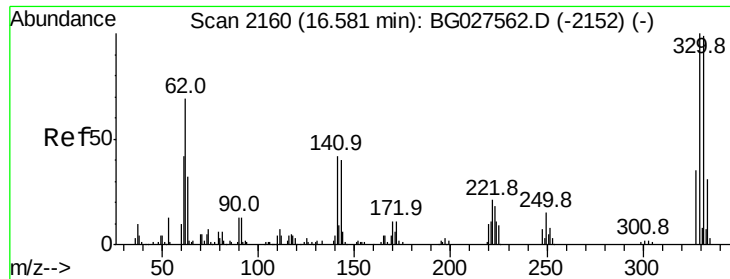
162 109.0 85.1 127.7

160 51.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 202.84 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027628.D

Acq: 23 Jun 2017 12:33

Instrument :

BNA_G

ClientSampleId :

OR-03-061917

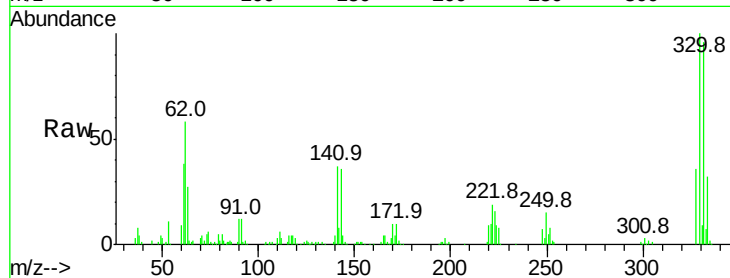
Tot Ion:330 Resp: 153056

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

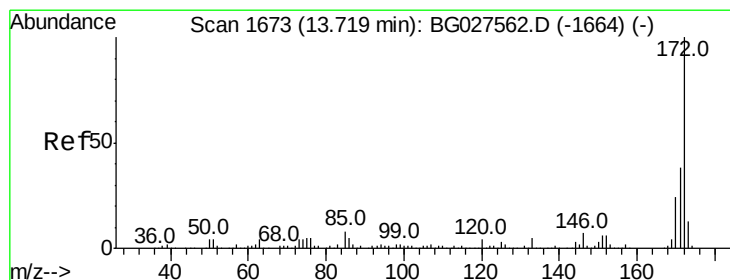
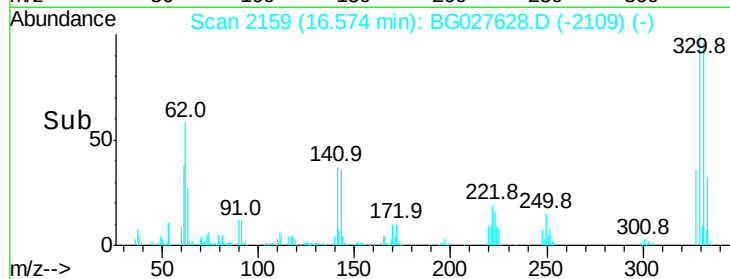
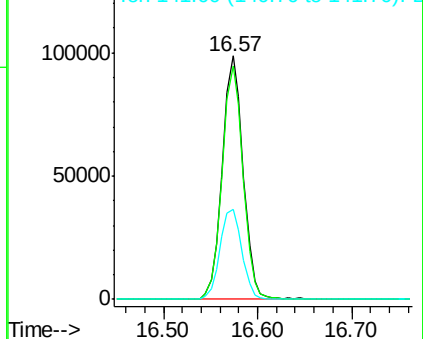
141 39.1 32.1 48.1



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: 98.14 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027628.D

Acq: 23 Jun 2017 12:33

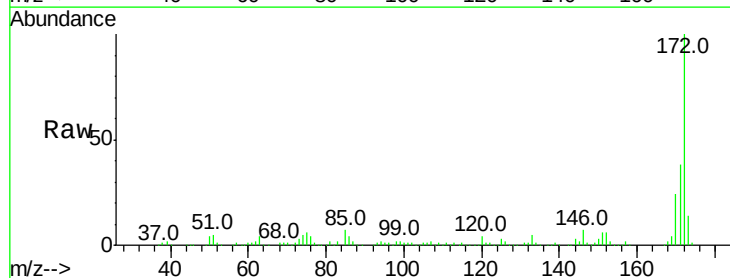
Tgt Ion:172 Resp: 363629

Ion Ratio Lower Upper

172 100

171 38.1 32.2 48.2

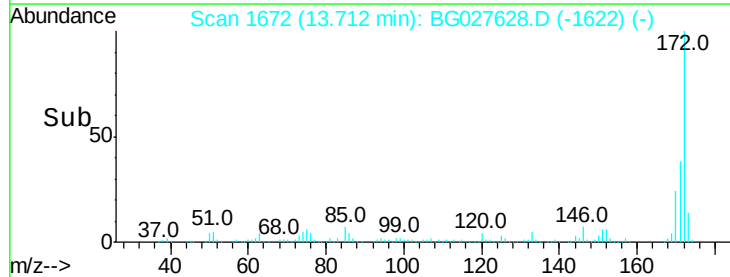
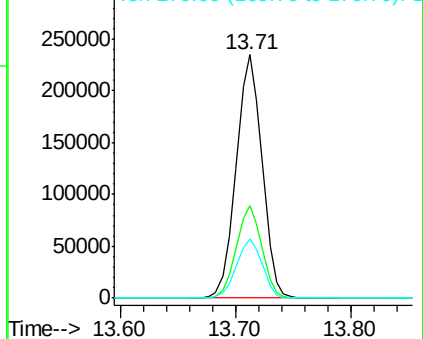
170 24.2 21.8 32.6

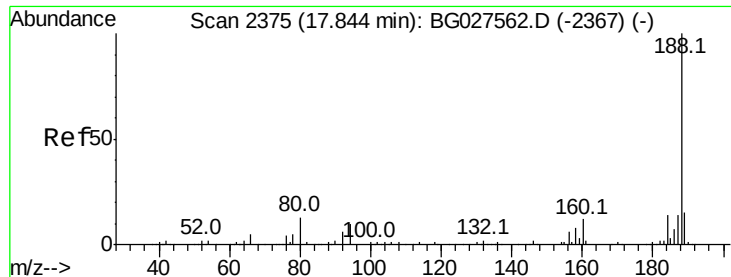


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

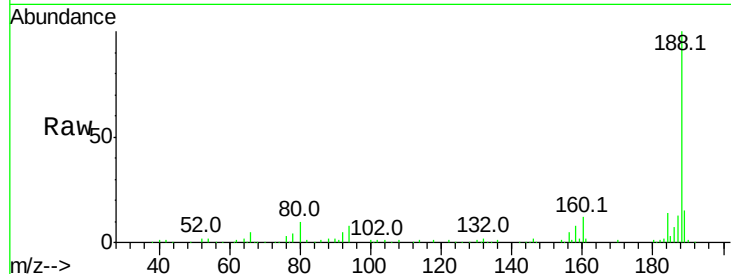




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027628.D
Acq: 23 Jun 2017 12:33

Instrument :
BNA_G
ClientSampleId :
OR-03-061917

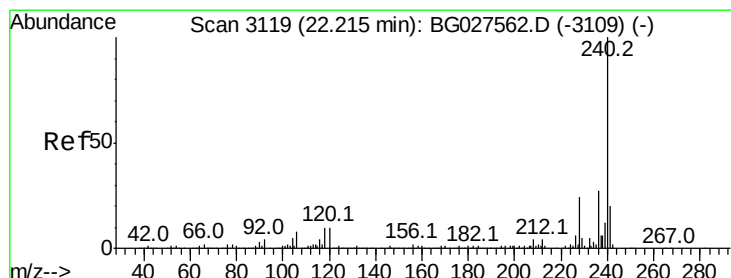
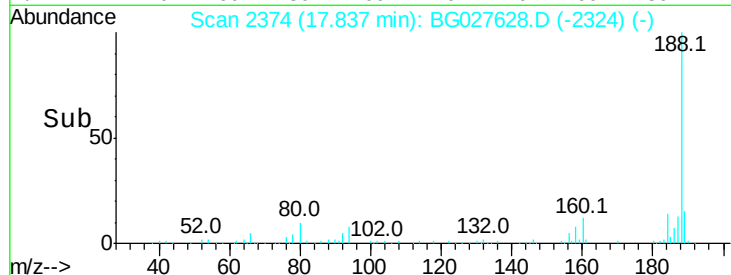
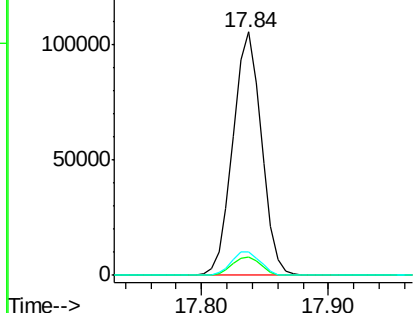
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.8	8.8
80	9.7	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E

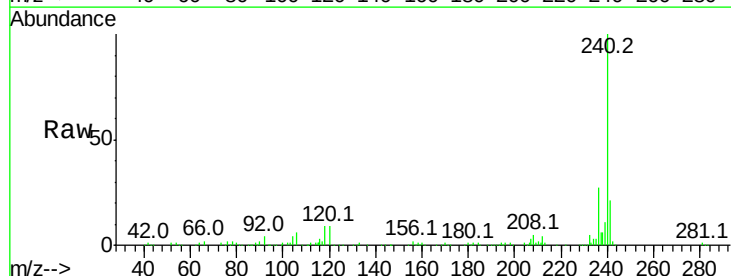
Ion 94.00 (93.70 to 94.70): BGC

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: BG027628.D
Acq: 23 Jun 2017 12:33

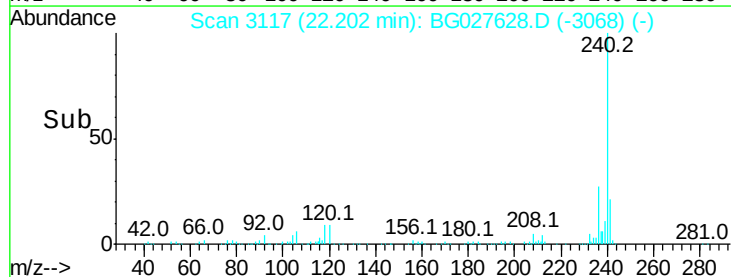
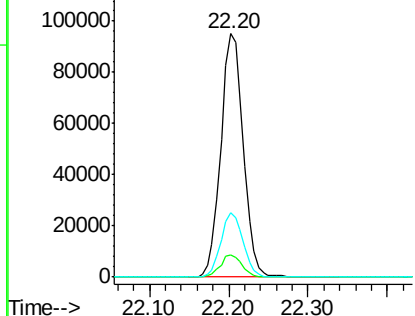
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.7	8.5#
236	26.7	22.2	33.4

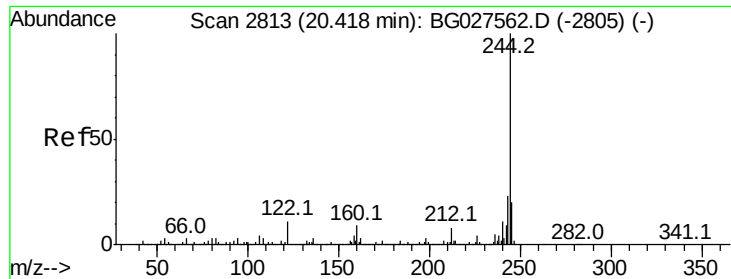


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

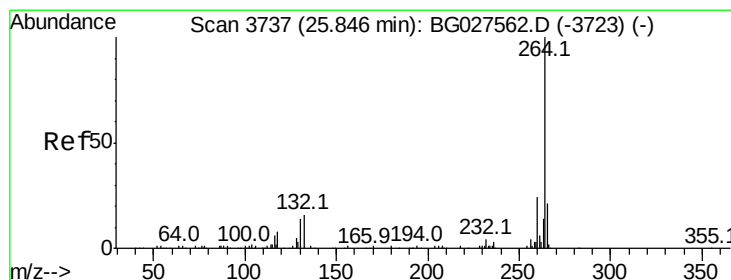
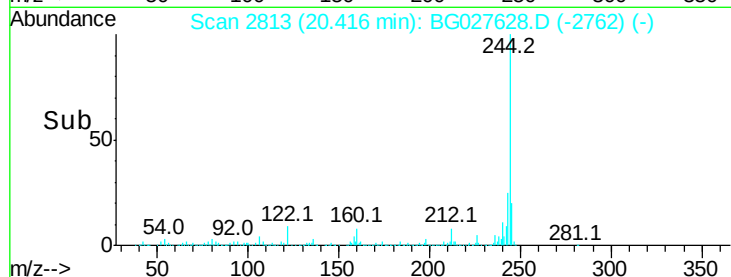
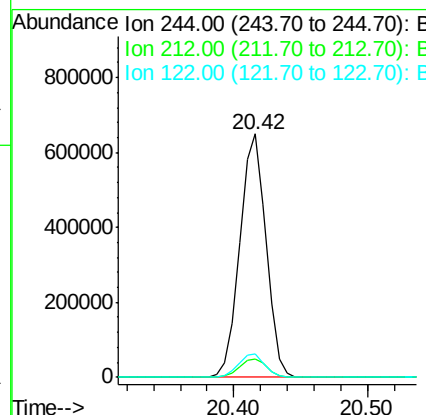
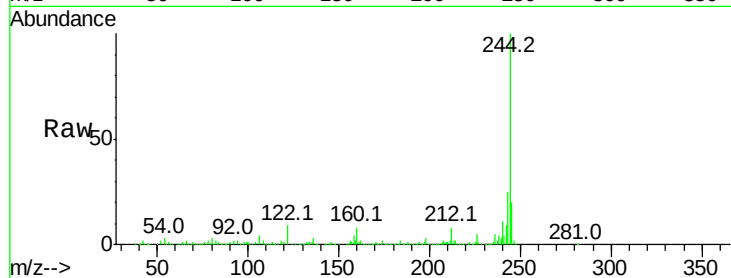




#78
 Terphenyl-d14
 Concen: 112.06 ng
 RT: 20.42 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BG027628.D
 Acq: 23 Jun 2017 12:33

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-061917

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	9.4	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: BG027628.D
 Acq: 23 Jun 2017 12:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.8	32.8
265	21.7	18.2	27.4

