

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027624.D
 Acq On : 23 Jun 2017 9:55
 Operator : SJ/JU
 Sample : I3657-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 15:19:30 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	16649	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	75434	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	50604	20.00	ng	0.00
63) Phenanthrene-d10	17.83	188	159498	20.00	ng	-0.01
75) Chrysene-d12	22.20	240	187102	20.00	ng	-0.01
86) Perylene-d12	25.84	264	178985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	63531	54.31	ng	0.00
7) Phenol-d6	7.64	99	53866	31.10	ng	0.00
23) Nitrobenzene-d5	9.67	82	141674	88.87	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	140545	186.29	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	341001	92.05	ng	0.00
78) Terphenyl-d14	20.41	244	855566	107.74	ng	0.00

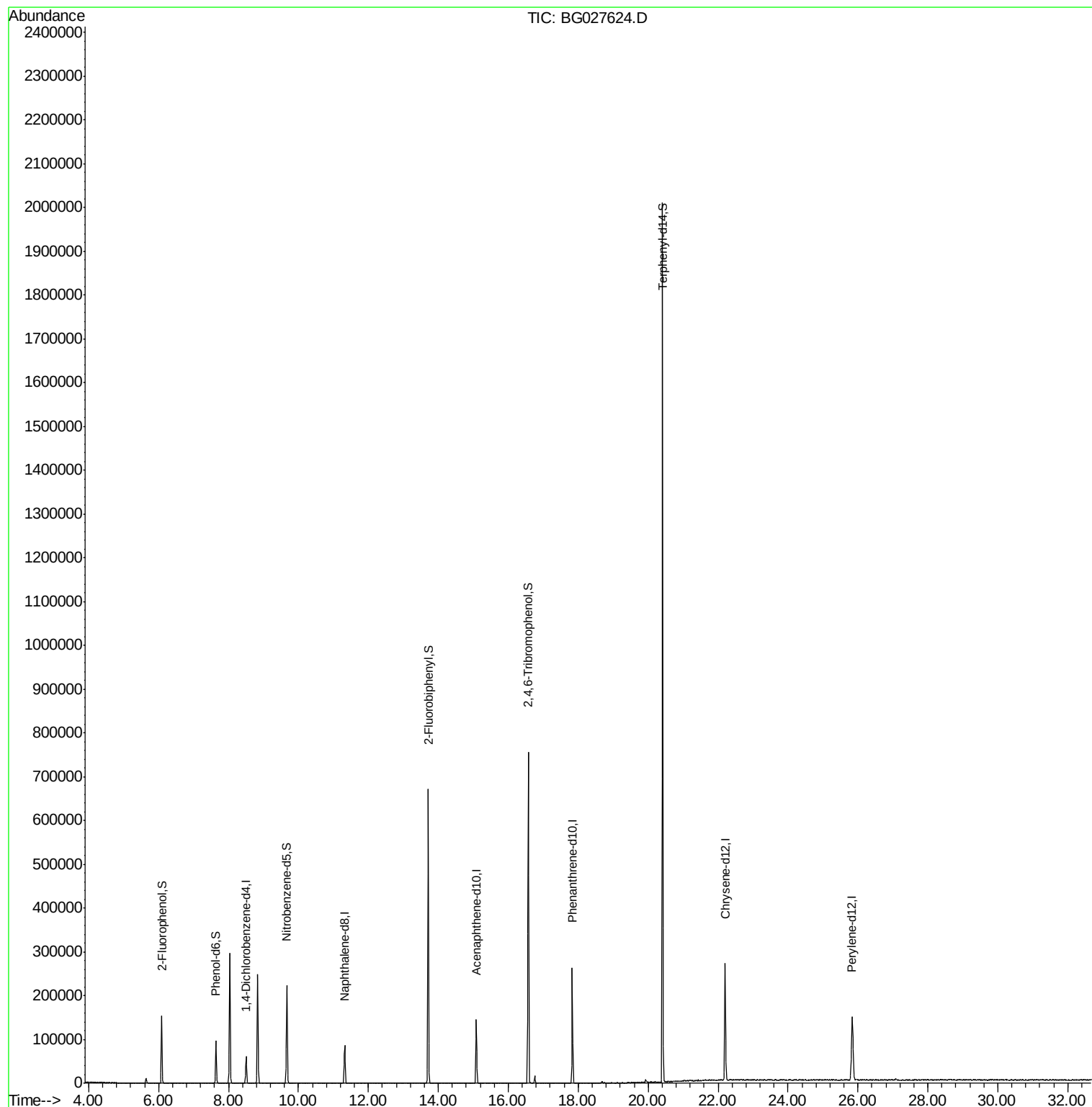
Target Compounds Qvalue

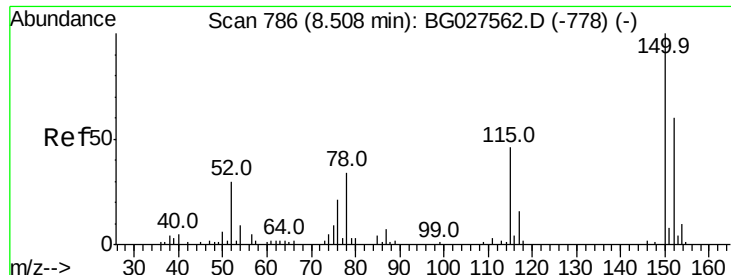
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027624.D

Acq: 23 Jun 2017 9:55

Instrument :

BNA_G

ClientSampleId :

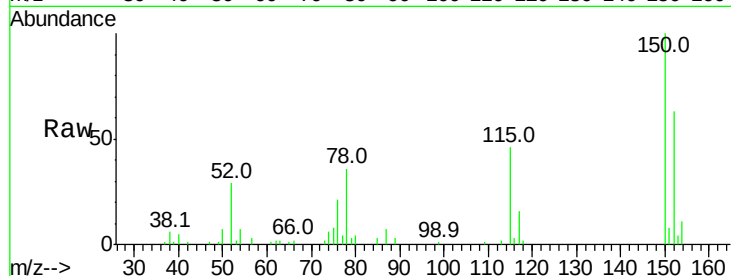
Tot Ion:152 Resp: 16649

Ion Ratio Lower Upper

152 100

150 158.7 114.0 171.0

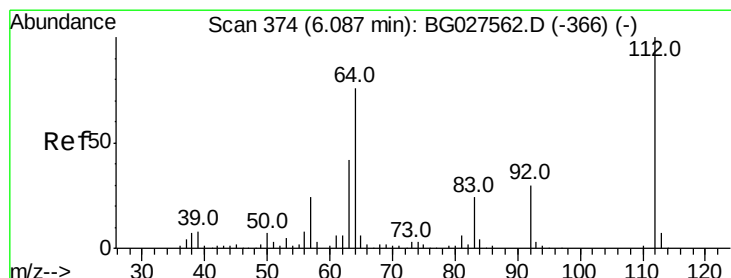
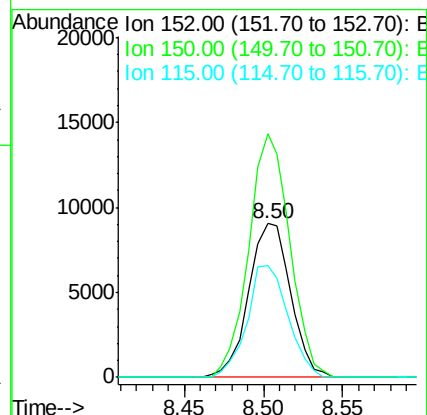
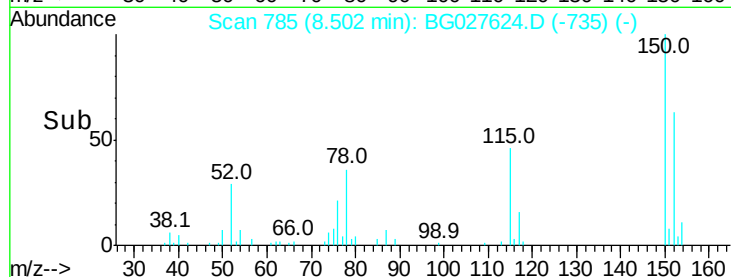
115 73.2 48.1 72.1#



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: 54.31 ng

RT: 6.09 min Scan# 374

Delta R.T. 0.00 min

Lab File: BG027624.D

Acq: 23 Jun 2017 9:55

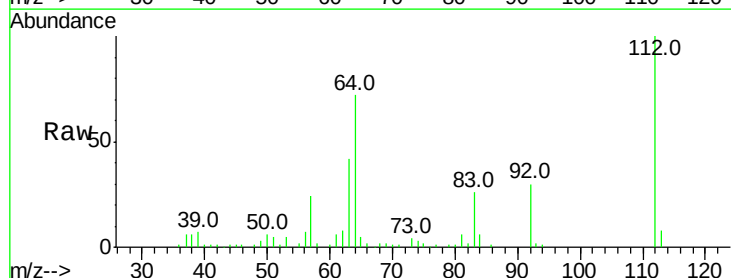
Tgt Ion:112 Resp: 63531

Ion Ratio Lower Upper

112 100

64 71.9 61.8 92.6

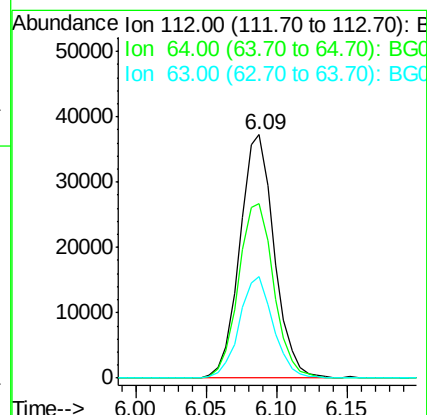
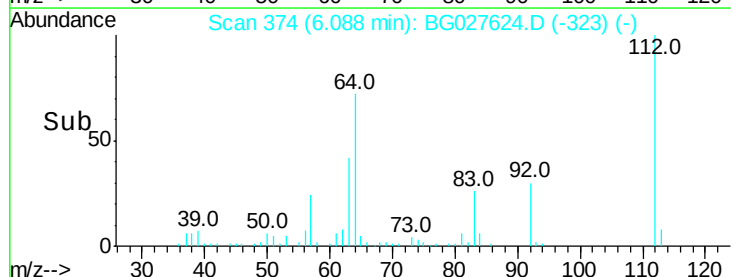
63 41.6 37.2 55.8

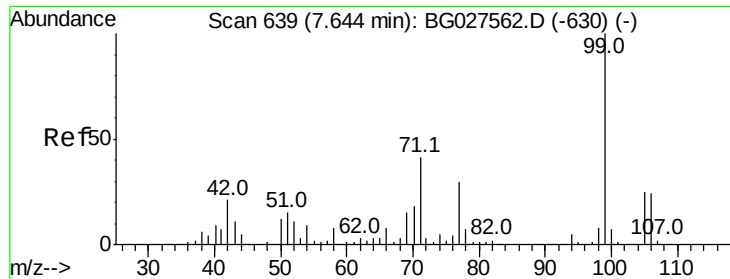


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.10 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027624.D

Acq: 23 Jun 2017 9:55

Instrument :

BNA_G

ClientSampleId :

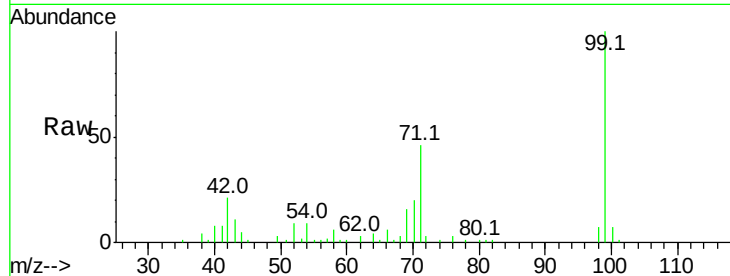
Tot Ion: 99 Resp: 53866

Ion Ratio Lower Upper

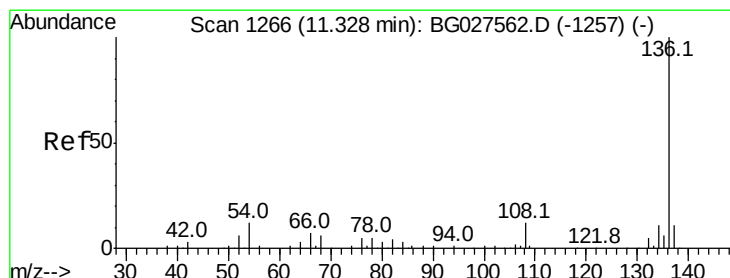
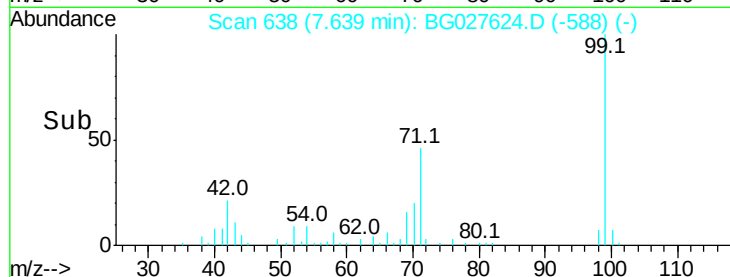
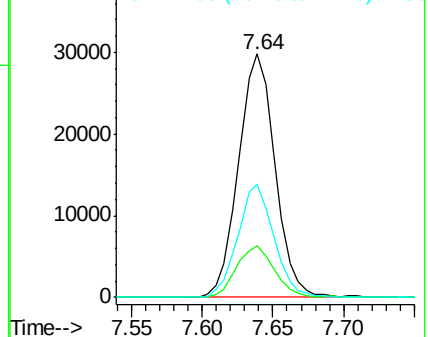
99 100

42 21.3 20.5 30.7

71 46.2 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: BG027624.D

Acq: 23 Jun 2017 9:55

Tgt Ion: 136 Resp: 75434

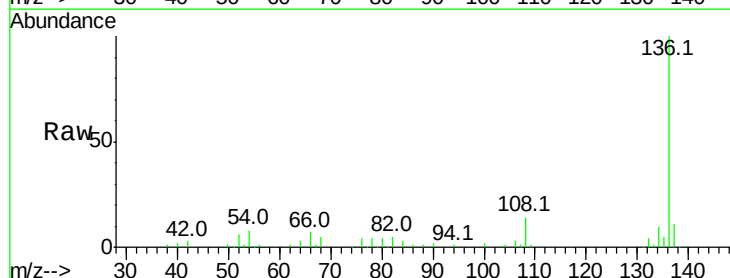
Ion Ratio Lower Upper

136 100

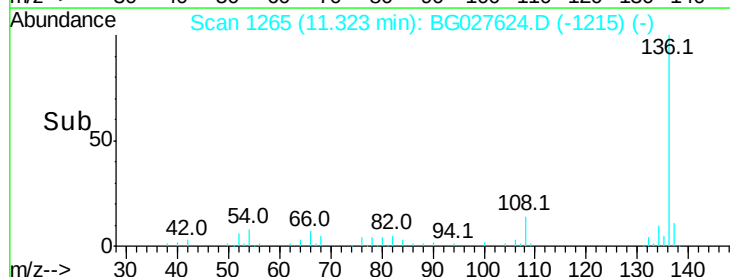
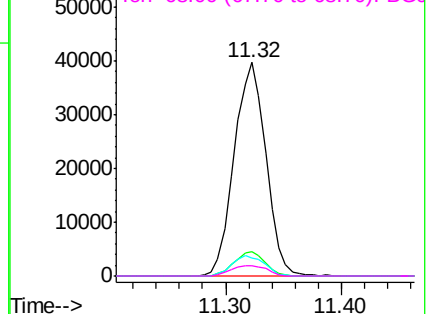
137 11.5 8.9 13.3

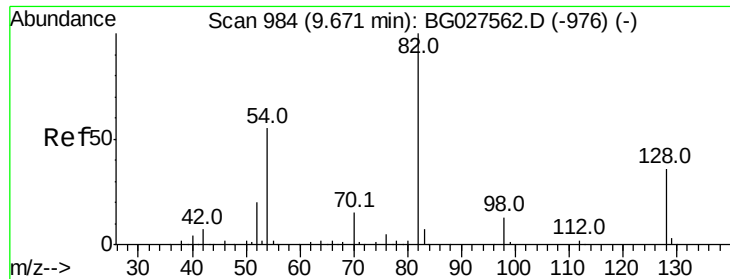
54 8.5 9.3 13.9#

68 4.8 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

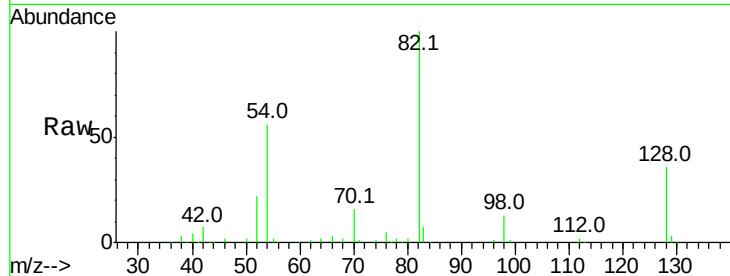




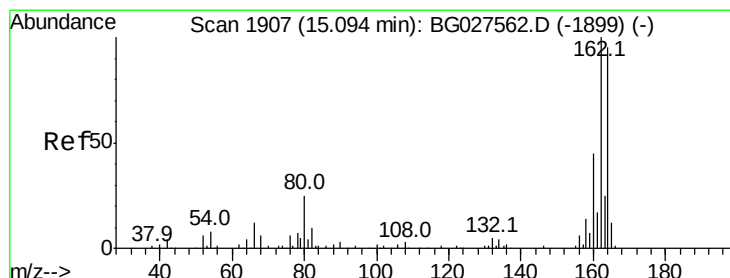
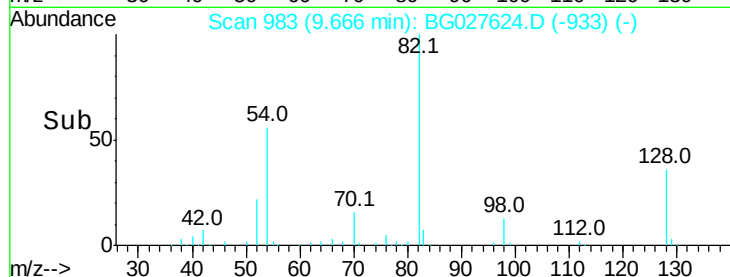
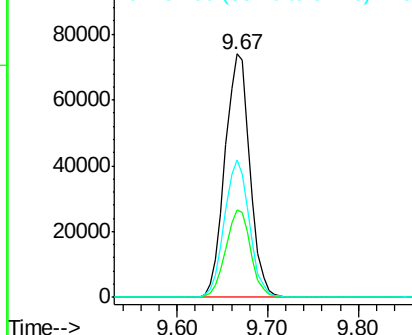
#23
 Nitrobenzene-d5
 Concen: 88.87 ng
 RT: 9.67 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BG027624.D
 Acq: 23 Jun 2017 9:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 141674
 Ion Ratio Lower Upper
 82 100
 128 35.9 26.4 39.6
 54 56.5 49.4 74.2

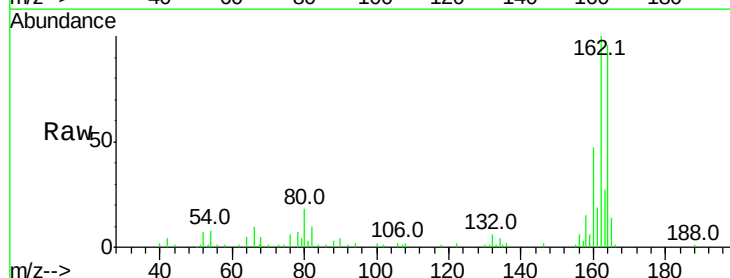


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

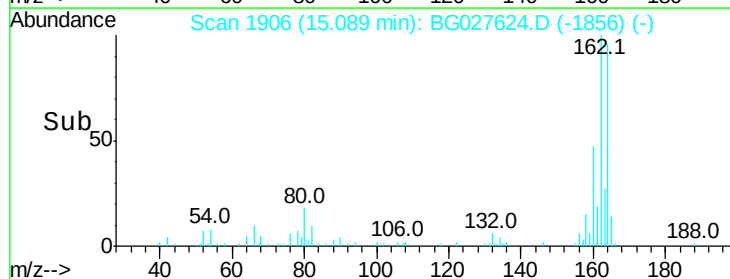
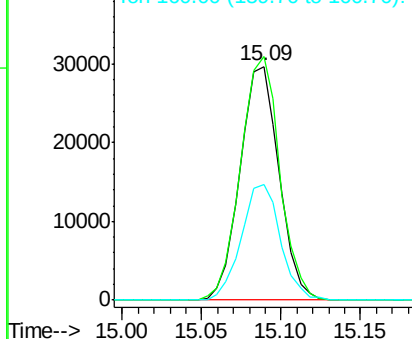


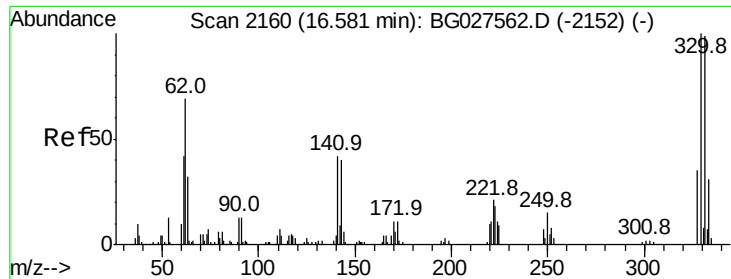
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027624.D
 Acq: 23 Jun 2017 9:55

Tgt Ion:164 Resp: 50604
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 49.3 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: 186.29 ng

RT: 16.57 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG027624.D

Acq: 23 Jun 2017 9:55

Instrument :

BNA_G

ClientSampled :

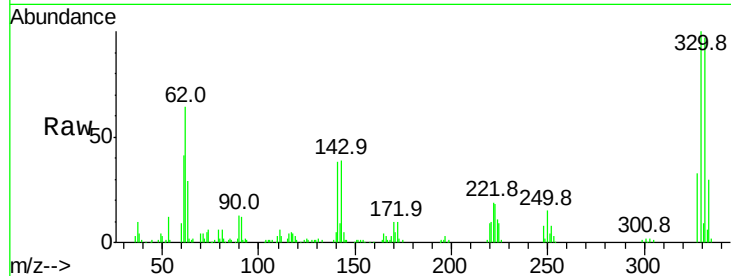
Tot Ion:330 Resp: 140545

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

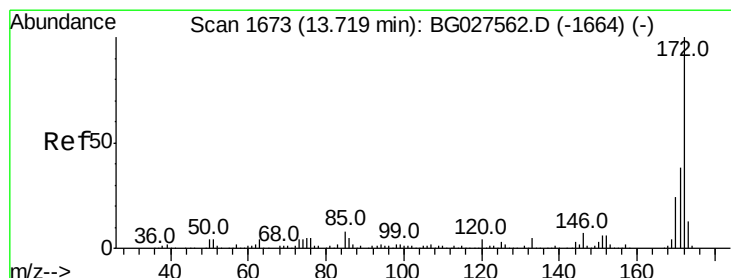
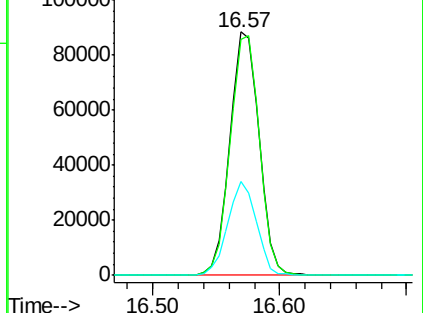
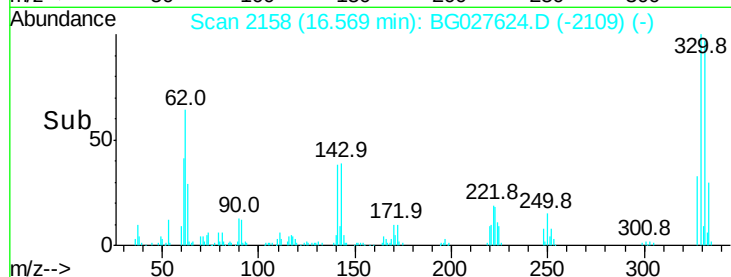
141 37.6 32.1 48.1



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: 92.05 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027624.D

Acq: 23 Jun 2017 9:55

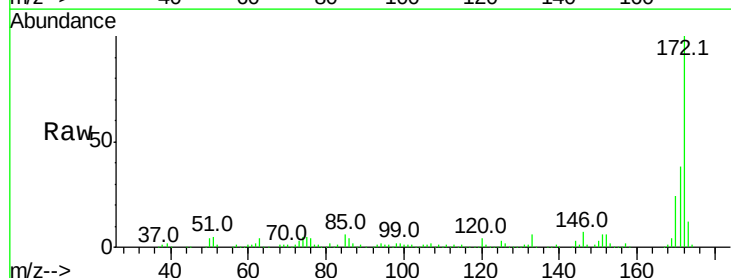
Tgt Ion:172 Resp: 341001

Ion Ratio Lower Upper

172 100

171 37.9 32.2 48.2

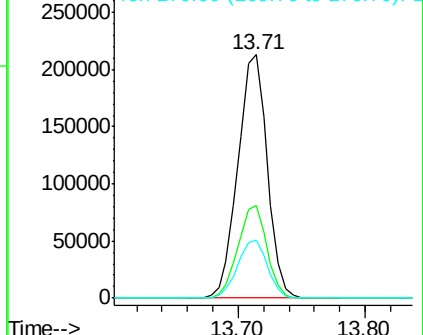
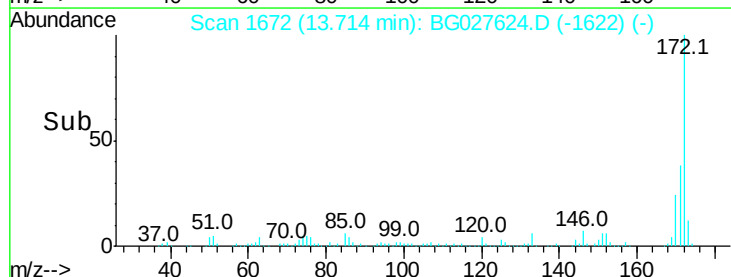
170 23.6 21.8 32.6

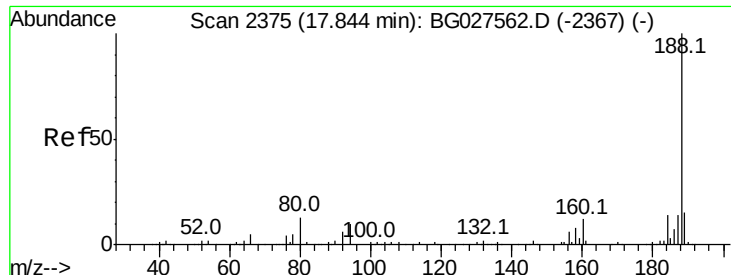


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

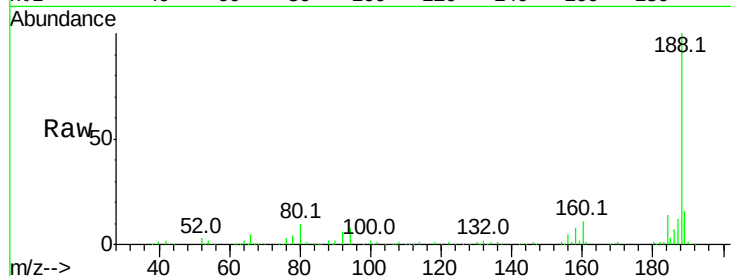




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.83 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BG027624.D
Acq: 23 Jun 2017 9:55

Instrument :
BNA_G
ClientSampled :

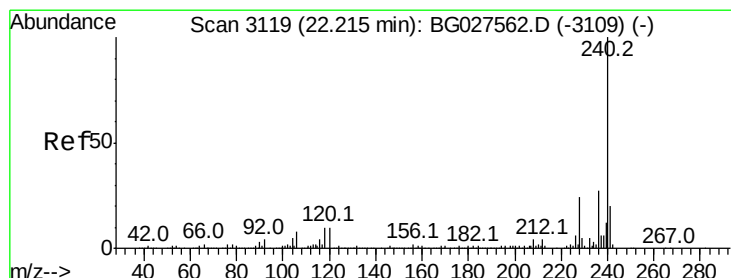
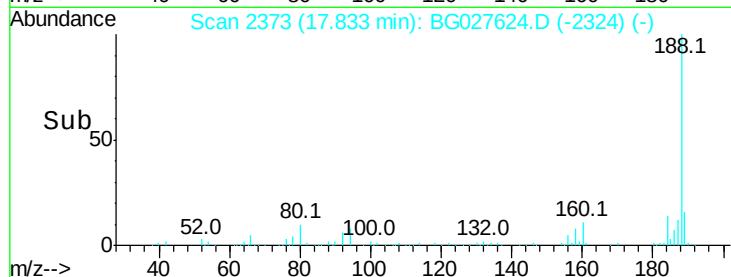
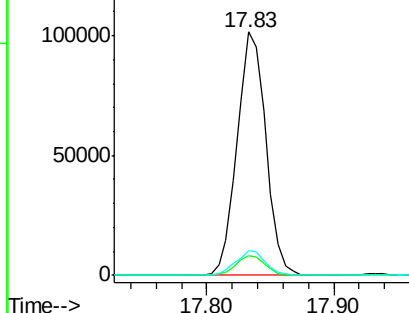
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.8
80	10.2	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E

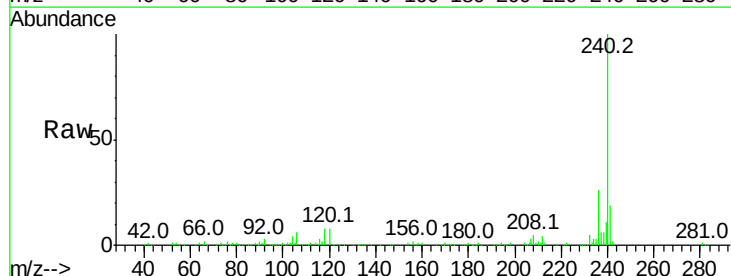
Ion 94.00 (93.70 to 94.70): BGC

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: BG027624.D
Acq: 23 Jun 2017 9:55

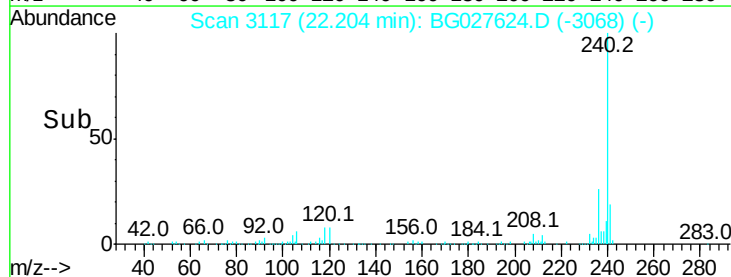
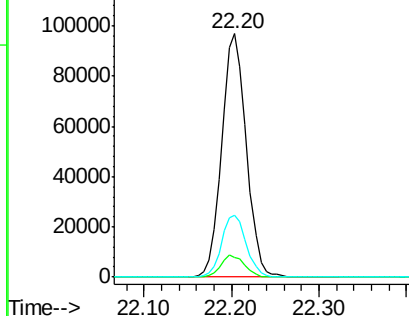
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.7	8.5
236	25.5	22.2	33.4

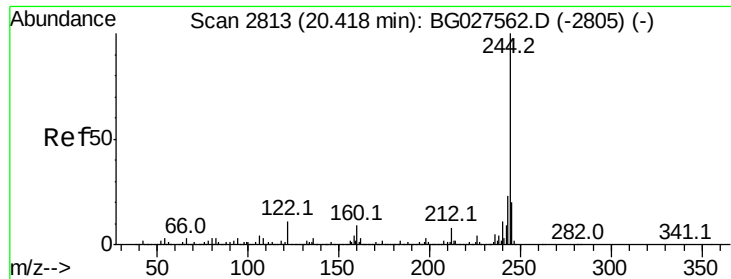


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

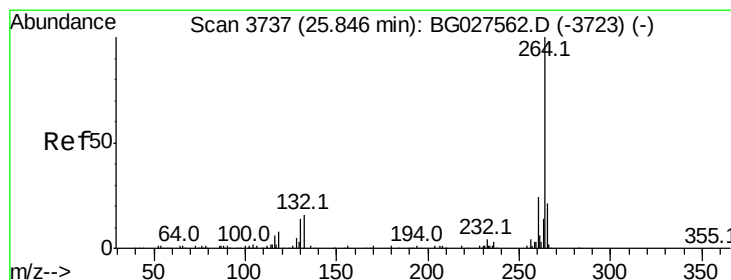
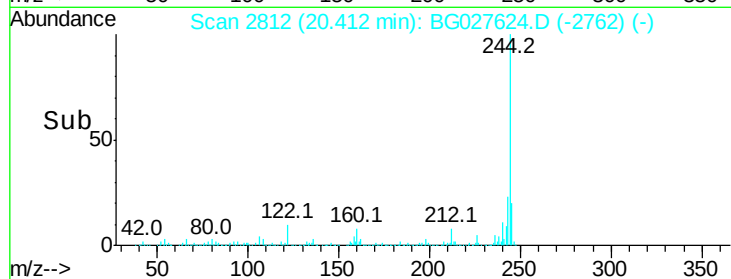
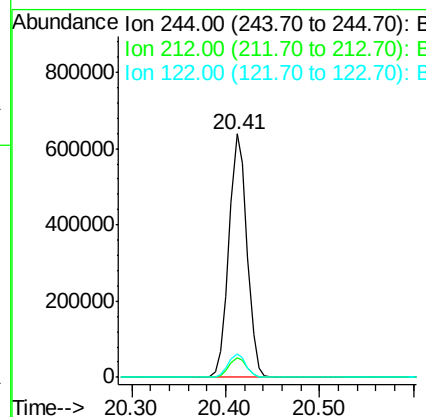
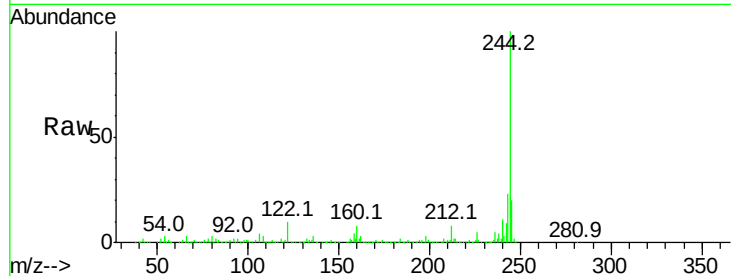




#78
 Terphenyl-d14
 Concen: 107.74 ng
 RT: 20.41 min Scan# 2812
 Delta R.T. -0.01 min
 Lab File: BG027624.D
 Acq: 23 Jun 2017 9:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	9.8	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.84 min Scan# 3735
 Delta R.T. -0.01 min
 Lab File: BG027624.D
 Acq: 23 Jun 2017 9:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	21.0	18.2	27.4

