

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061017\
 Data File : BG027375.D
 Acq On : 10 Jun 2017 17:06
 Operator : SJ/MA
 Sample : I3575-06RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:07:50 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	52442	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	226920	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	84589	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	326209	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	280873	20.00	ng	-0.06
86) Perylene-d12	25.92	264	7030	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	479750	139.60	ng	-0.02
7) Phenol-d6	7.68	99	518946	102.87	ng	-0.02
23) Nitrobenzene-d5	9.70	82	402208	111.47	ng	-0.04
41) 2,4,6-Tribromophenol	16.61	330	294805	264.66	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	860387	142.30	ng	-0.04
78) Terphenyl-d14	20.45	244	1584626	143.92	ng	-0.04

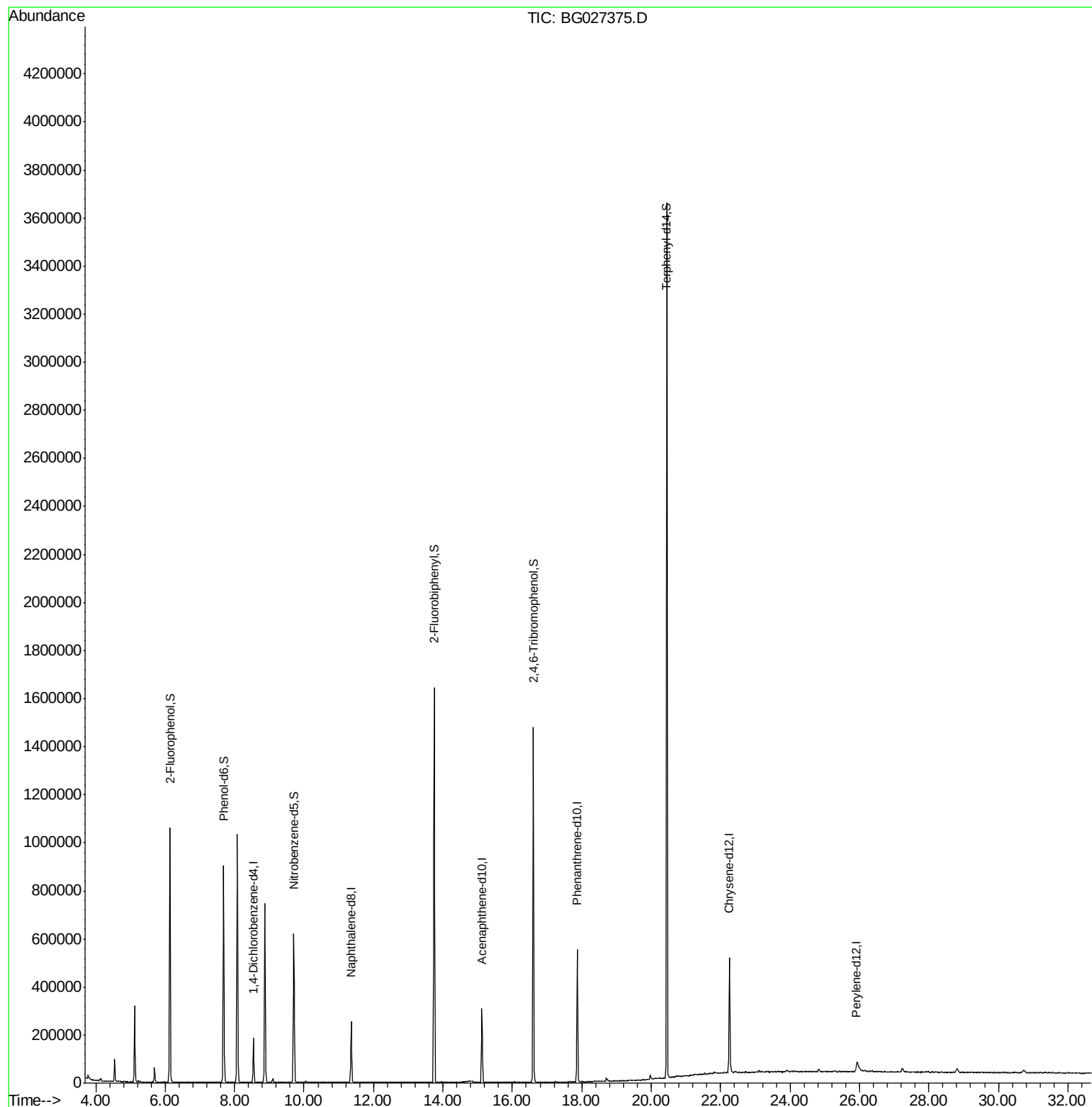
Target Compounds Qvalue

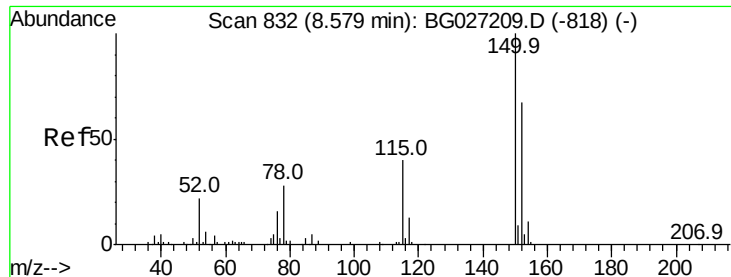
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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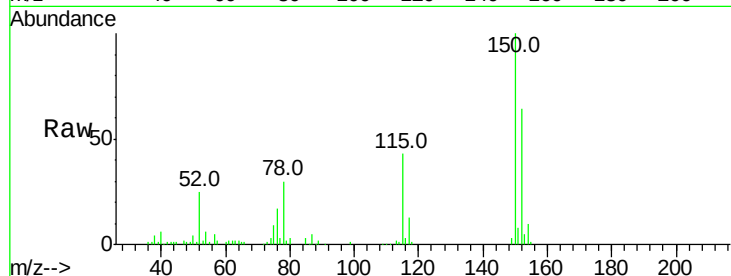


#1

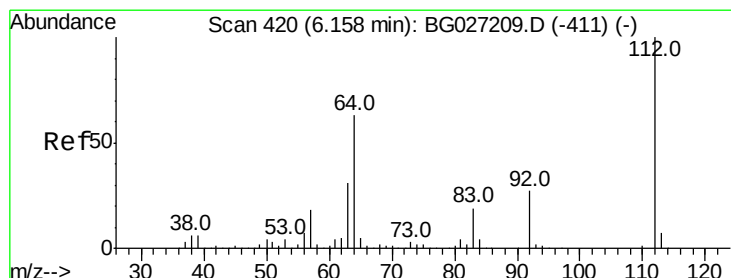
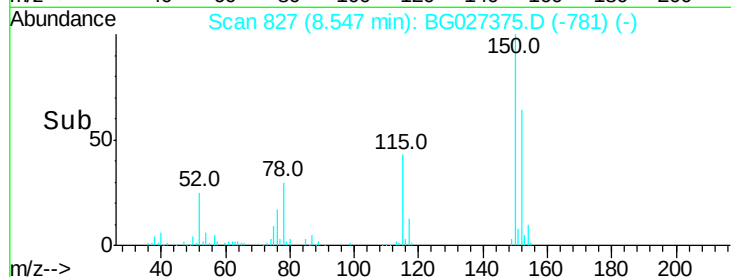
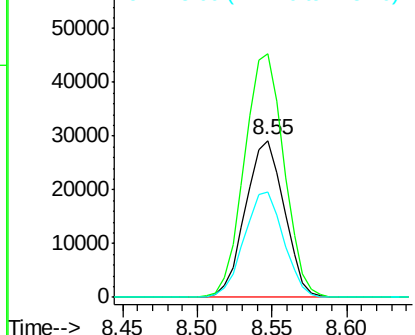
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027375.D
Acq: 10 Jun 2017 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52442
Ion Ratio Lower Upper
152 100
150 155.5 114.0 171.0
115 67.0 48.1 72.1



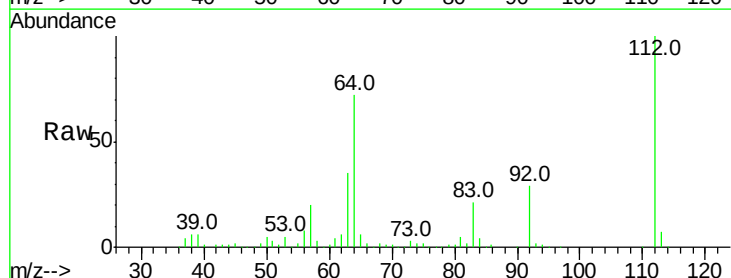
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



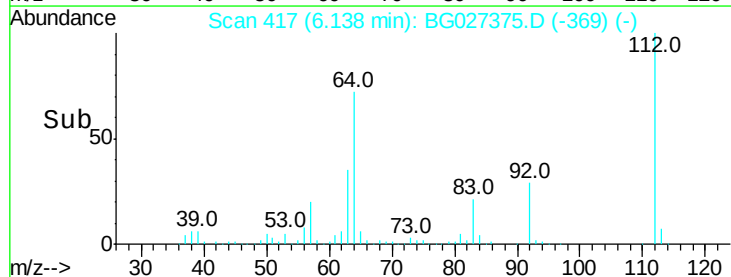
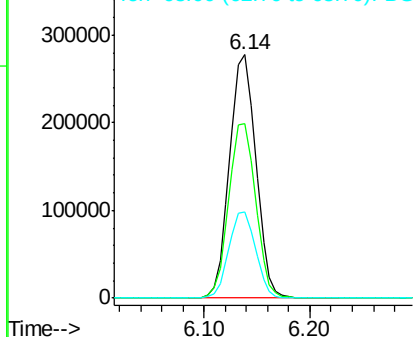
#5

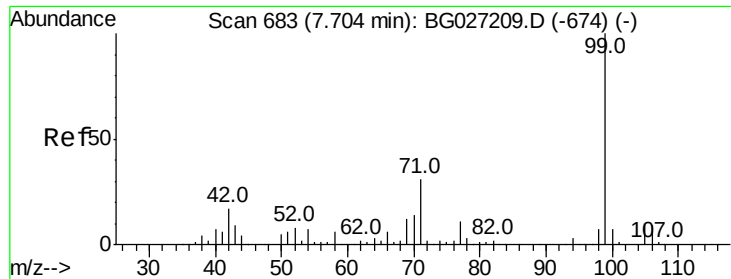
2-Fluorophenol
Concen: 139.60 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027375.D
Acq: 10 Jun 2017 17:06

Tgt Ion:112 Resp: 479750
Ion Ratio Lower Upper
112 100
64 71.7 61.8 92.6
63 35.3 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: 102.87 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027375.D

Acq: 10 Jun 2017 17:06

Instrument :

BNA_G

ClientSampled :

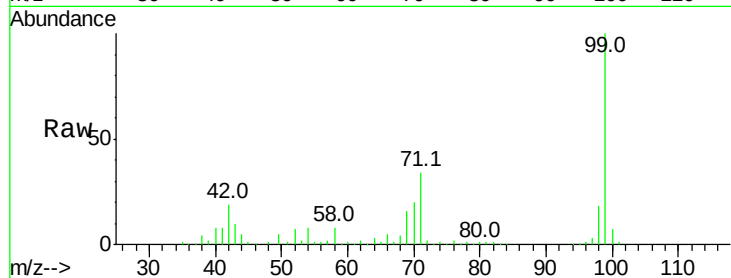
Tot Ion: 99 Resp: 518946

Ion Ratio Lower Upper

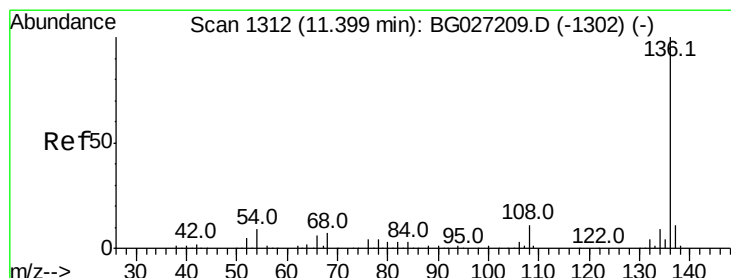
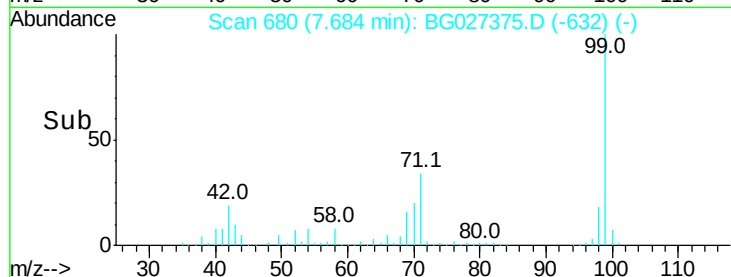
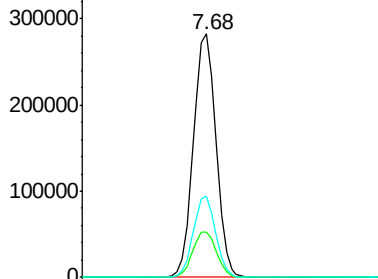
99 100

42 18.6 20.5 30.7#

71 33.5 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: 11.36 min Scan# 1306

Delta R.T. -0.04 min

Lab File: BG027375.D

Acq: 10 Jun 2017 17:06

Tgt Ion: 136 Resp: 226920

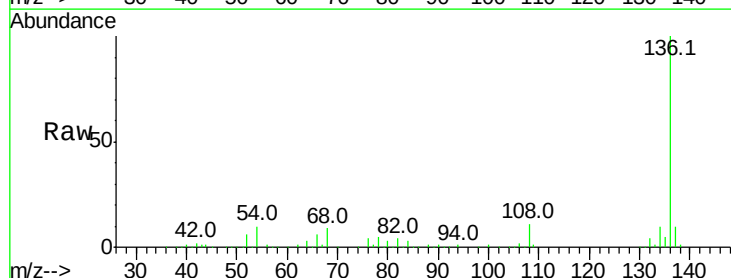
Ion Ratio Lower Upper

136 100

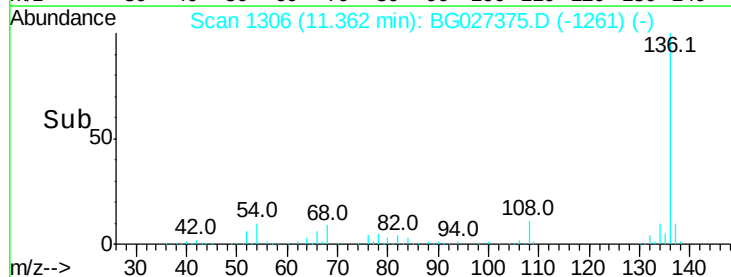
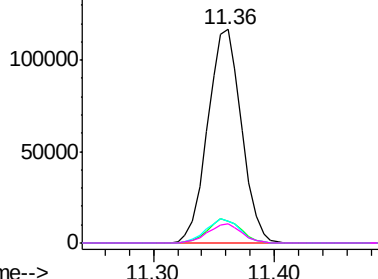
137 10.3 8.9 13.3

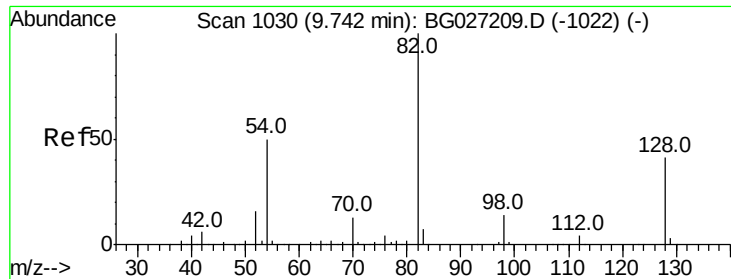
54 10.3 9.3 13.9

68 8.7 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

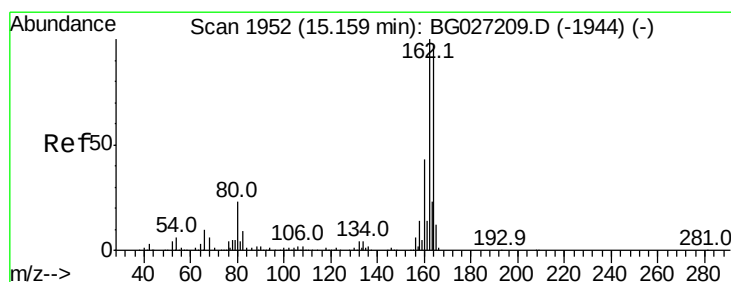
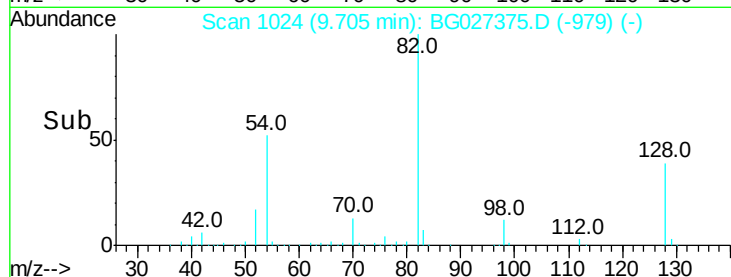
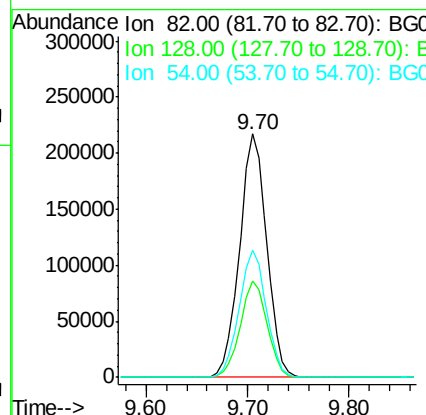
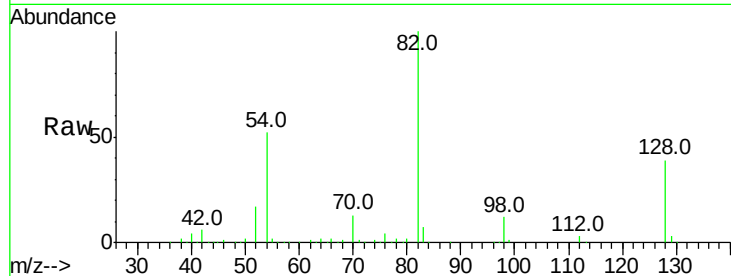




#23
 Nitrobenzene-d5
 Concen: 111.47 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027375.D
 Acq: 10 Jun 2017 17:06

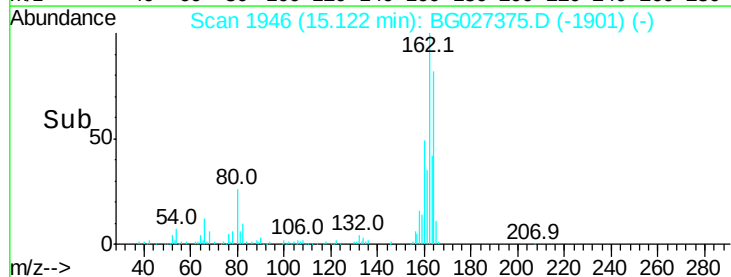
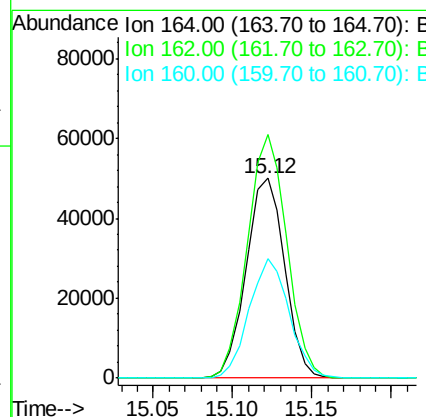
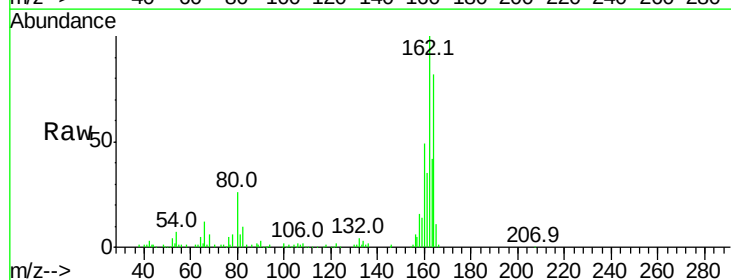
Instrument :
 BNA_G
 ClientSampleID :

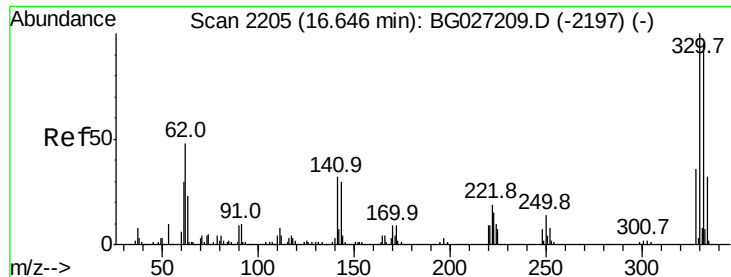
Tot Ion	82	Resp	402208
Ion Ratio	Lower	Upper	
82	100		
128	39.4	26.4	39.6
54	52.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: BG027375.D
 Acq: 10 Jun 2017 17:06

Tgt Ion	164	Resp	84589
Ion Ratio	Lower	Upper	
164	100		
162	121.9	85.1	127.7
160	59.6	34.7	52.1#





#41

2,4,6-Tribromophenol

Concen: 264.66 ng

RT: 16.61 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BG027375.D

Acq: 10 Jun 2017 17:06

Instrument :

BNA_G

ClientSampled :

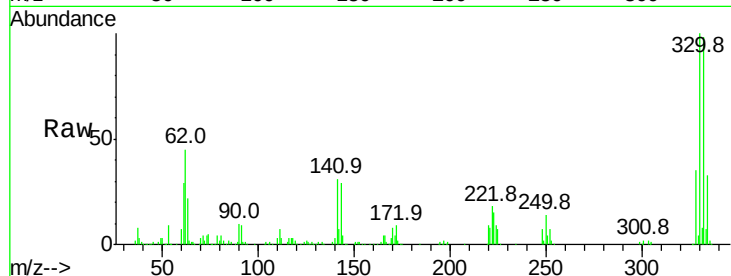
Tot Ion:330 Resp: 294805

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

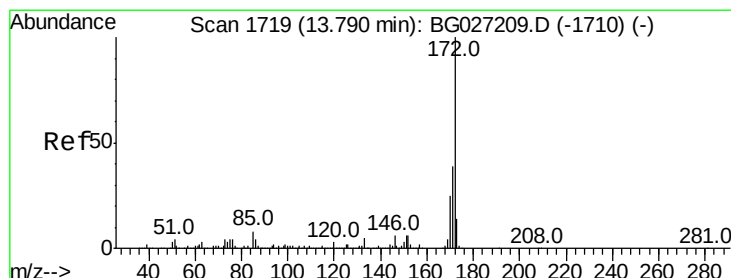
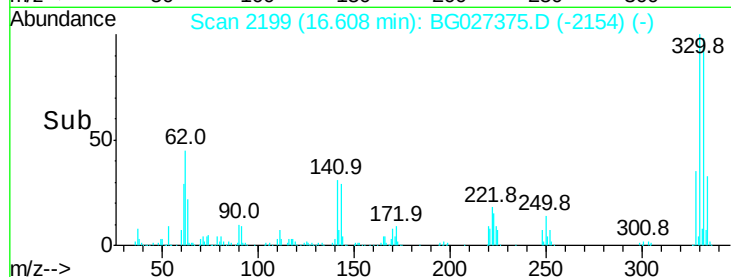
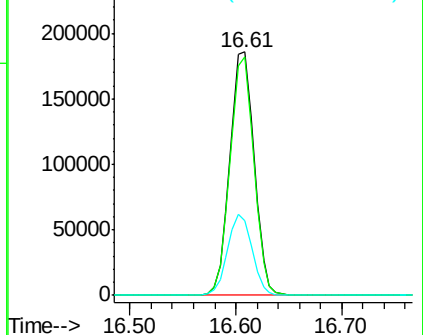
141 33.6 32.1 48.1



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: 142.30 ng

RT: 13.75 min Scan# 1712

Delta R.T. -0.04 min

Lab File: BG027375.D

Acq: 10 Jun 2017 17:06

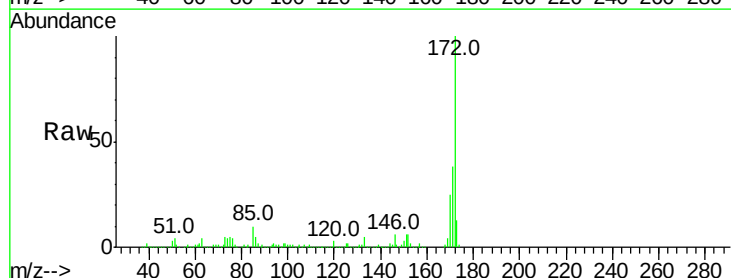
Tgt Ion:172 Resp: 860387

Ion Ratio Lower Upper

172 100

171 37.5 32.2 48.2

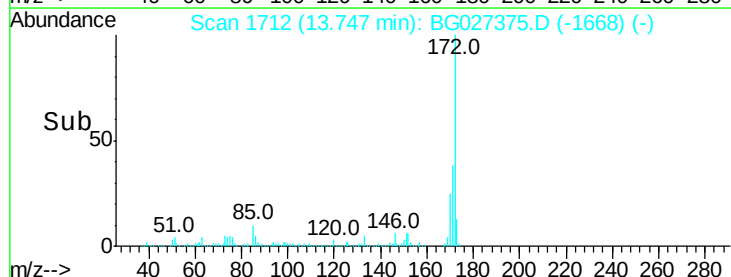
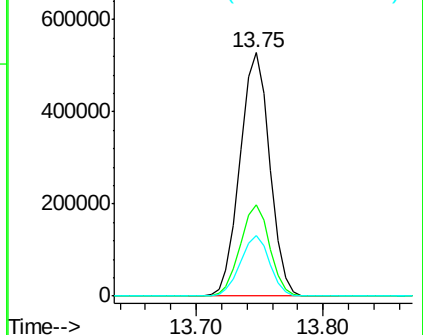
170 24.8 21.8 32.6

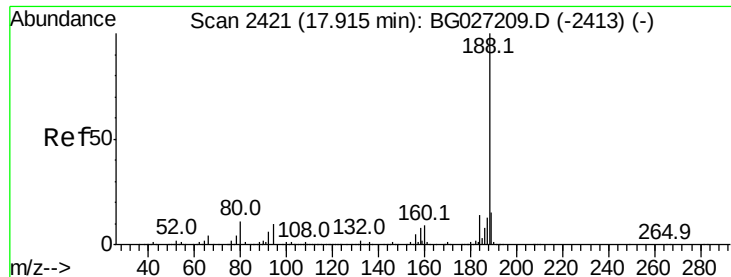


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.87 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG027375.D

Acq: 10 Jun 2017 17:06

Instrument :

BNA_G

ClientSampled :

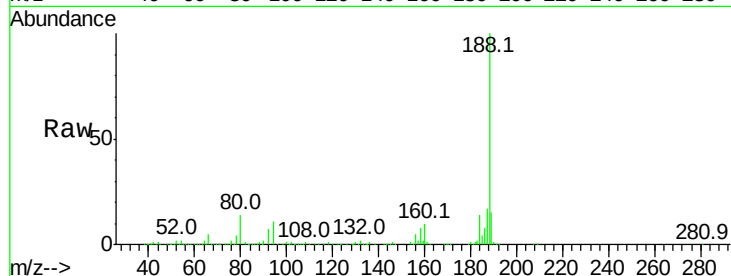
Tot Ion:188 Resp: 326209

Ion Ratio Lower Upper

188 100

94 11.3 5.8 8.8#

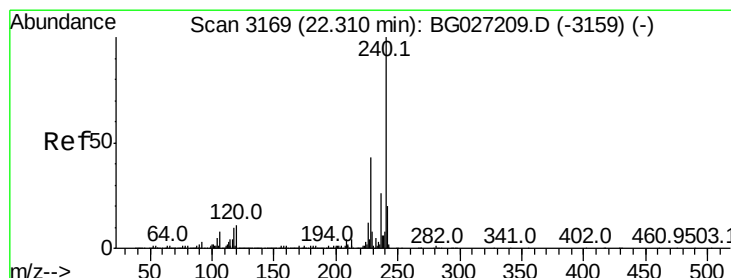
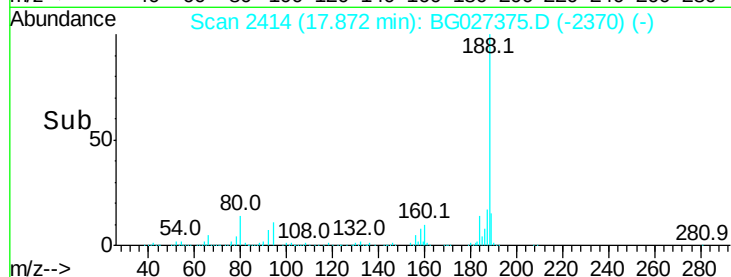
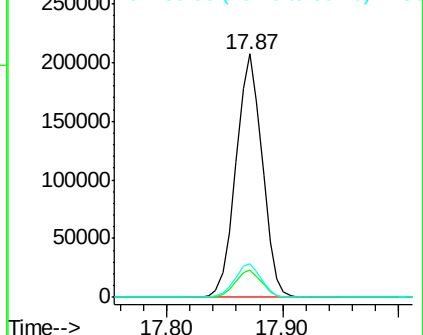
80 13.6 7.5 11.3#



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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027375.D

Acq: 10 Jun 2017 17:06

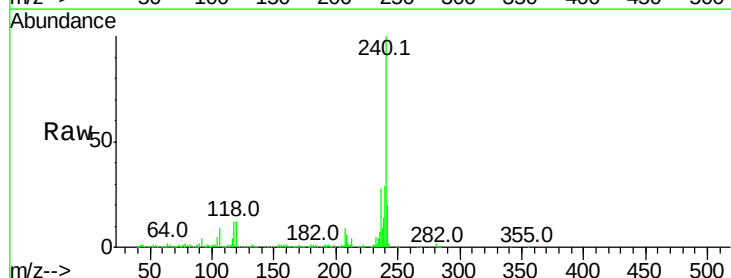
Tgt Ion:240 Resp: 280873

Ion Ratio Lower Upper

240 100

120 11.9 5.7 8.5#

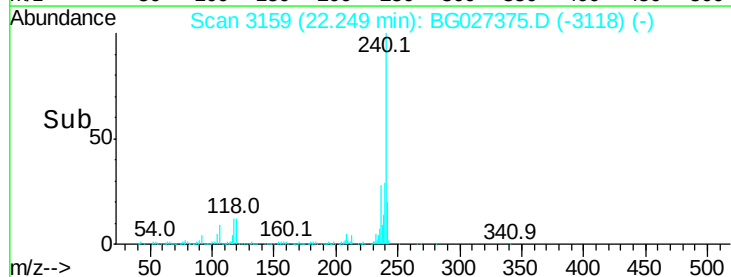
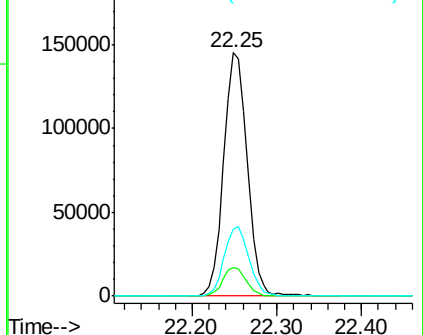
236 27.7 22.2 33.4

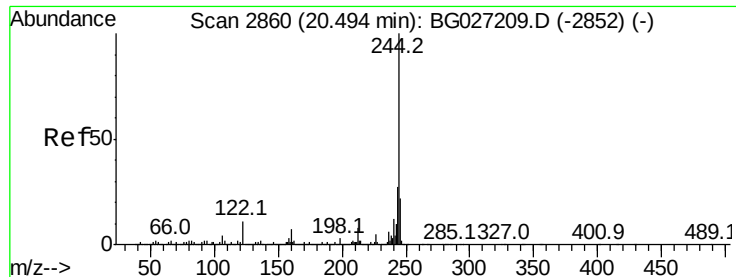


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 143.92 ng

RT: 20.45 min Scan# 2853

Delta R.T. -0.04 min

Lab File: BG027375.D

Acq: 10 Jun 2017 17:06

Instrument :

BNA_G

ClientSampled :

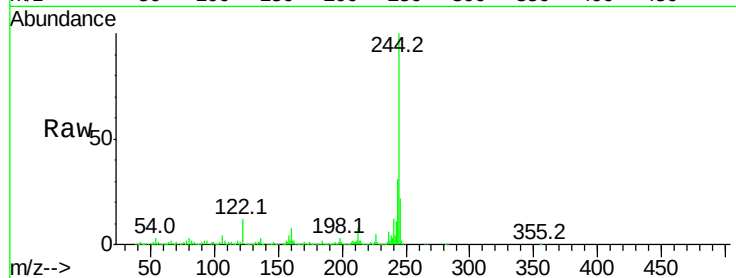
Tot Ion:244 Resp: 1584626

Ion Ratio Lower Upper

244 100

212 8.4 10.0 15.0#

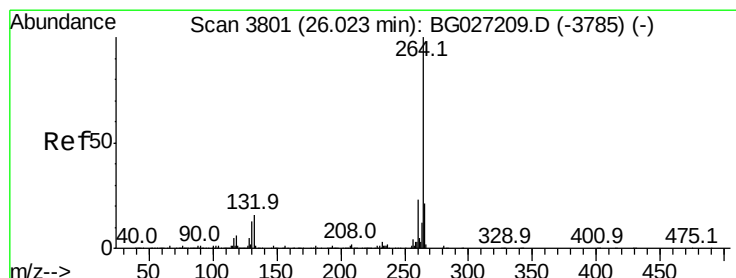
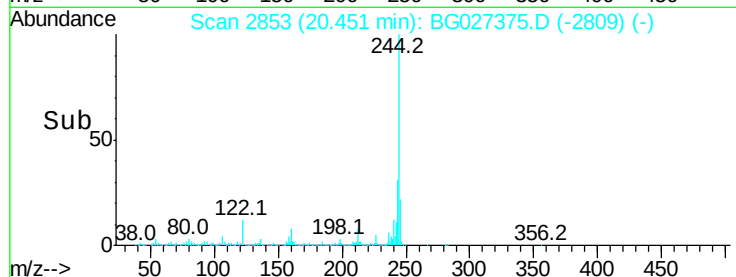
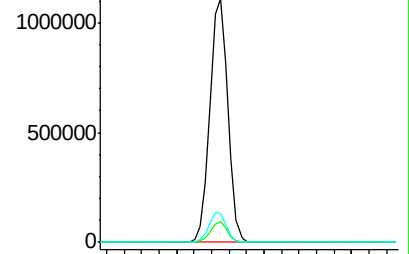
122 11.6 8.6 12.8



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: 25.92 min Scan# 3783

Delta R.T. -0.11 min

Lab File: BG027375.D

Acq: 10 Jun 2017 17:06

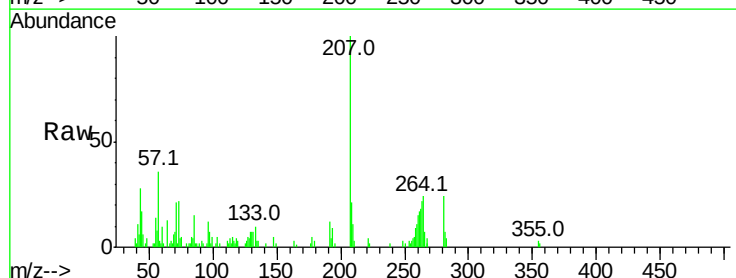
Tgt Ion:264 Resp: 7030

Ion Ratio Lower Upper

264 100

260 61.6 21.8 32.8#

265 27.5 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

