

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
 Data File : BG027567.D
 Acq On : 21 Jun 2017 19:28
 Operator : SJ/JU
 Sample : PB99940BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99940BL

Quant Time: Jun 22 02:27:35 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	20619	20.00	ng	0.00
21) Naphthalene-d8	11.33	136	94540	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	57608	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	180264	20.00	ng	0.00
75) Chrysene-d12	22.21	240	217870	20.00	ng	0.00
86) Perylene-d12	25.85	264	204107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	204138	140.91	ng	0.00
7) Phenol-d6	7.64	99	276800	129.06	ng	0.00
23) Nitrobenzene-d5	9.67	82	171687	85.93	ng	0.00
41) 2,4,6-Tribromophenol	16.58	330	125150	145.72	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	363448	86.18	ng	0.00
78) Terphenyl-d14	20.42	244	853413	92.29	ng	0.00

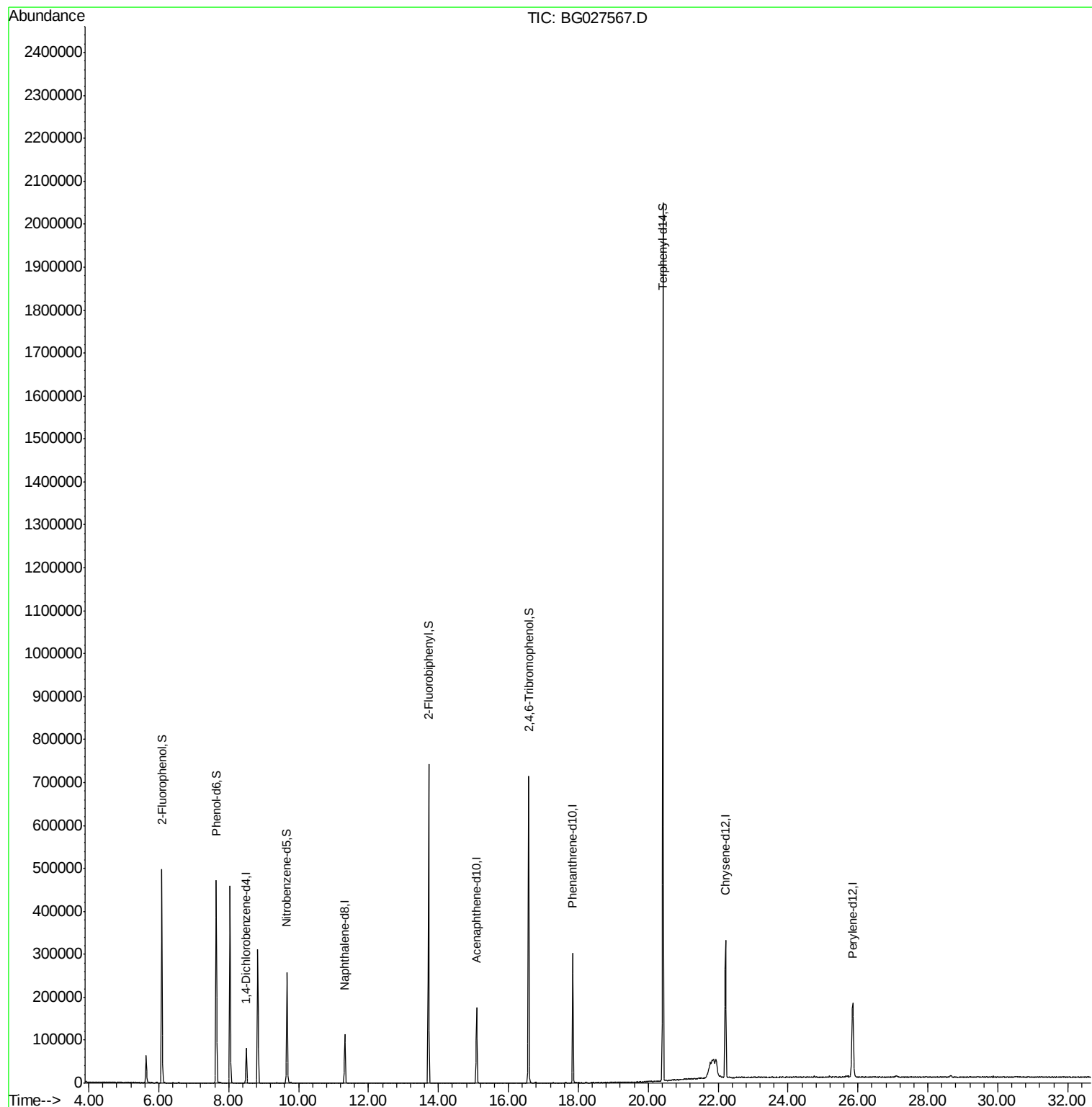
Target Compounds	Qvalue
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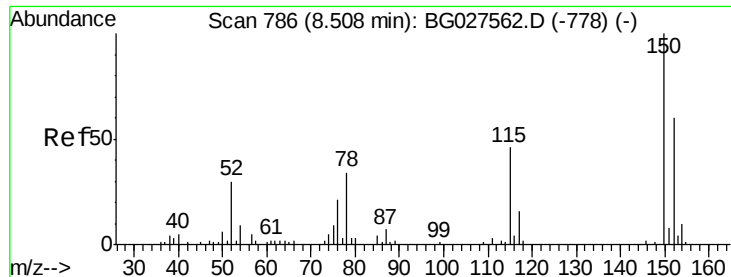
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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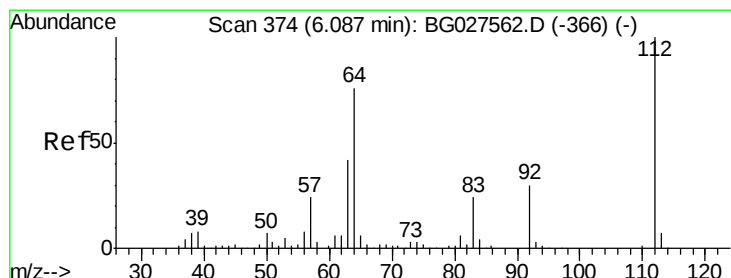
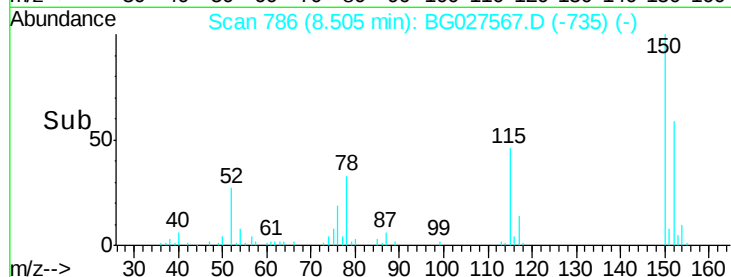
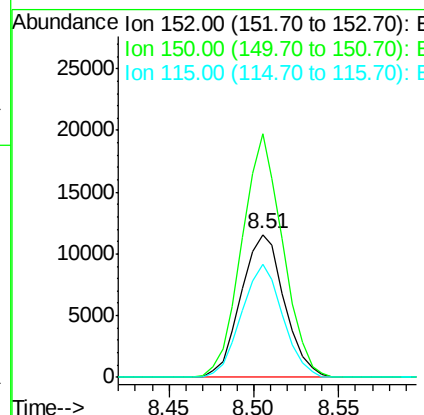
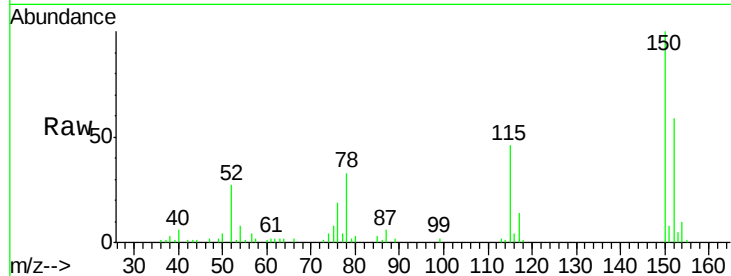


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :
PB99940BL

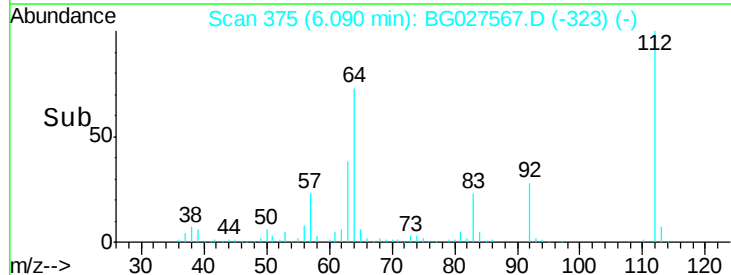
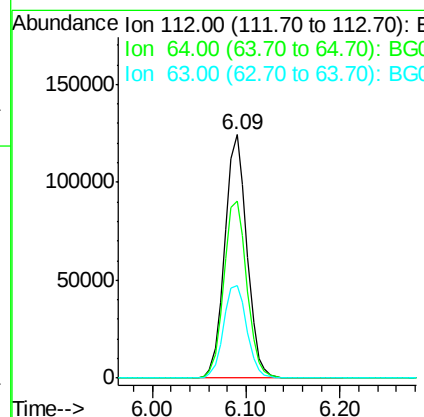
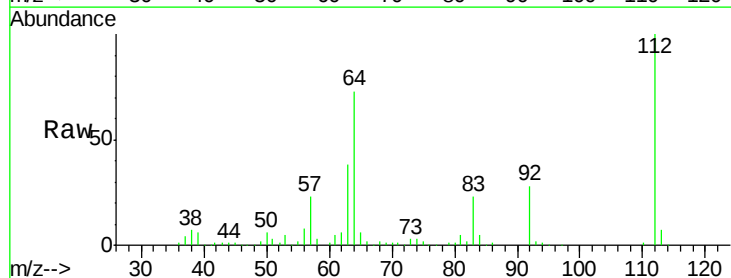
Tgt Ion:152 Resp: 20619
Ion Ratio Lower Upper
152 100
150 170.8 114.0 171.0
115 79.2 48.1 72.1#

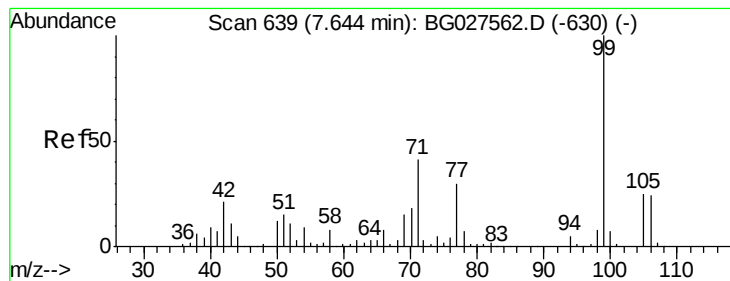


#5

2-Fluorophenol
Concen: 140.906 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

Tgt Ion:112 Resp: 204138
Ion Ratio Lower Upper
112 100
64 72.9 61.8 92.6
63 38.2 37.2 55.8





#7

Phenol-d6

Concen: 129.060 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampleId :

PB99940BL

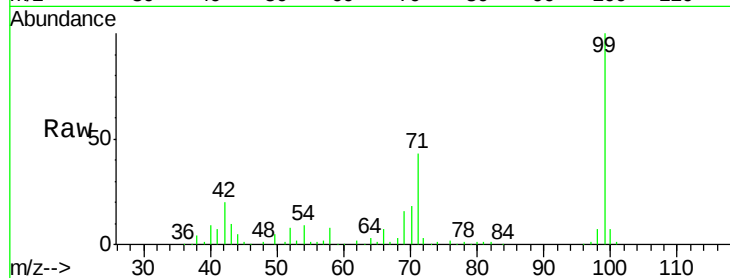
Tgt Ion: 99 Resp: 276800

Ion Ratio Lower Upper

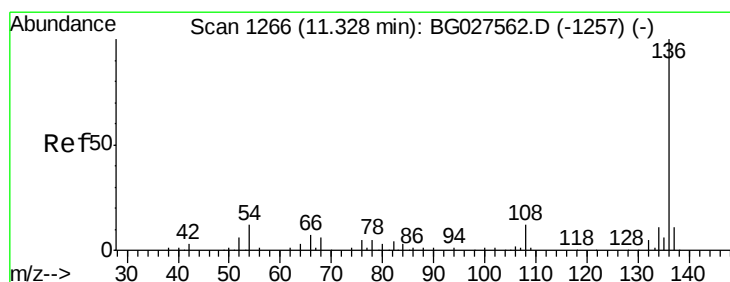
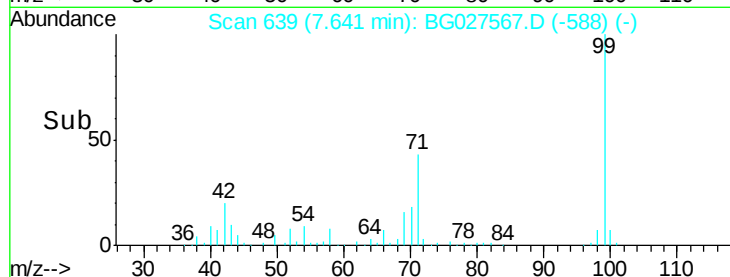
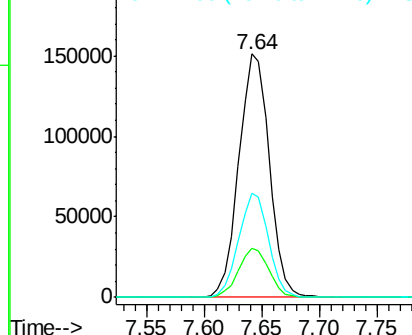
99 100

42 20.0 20.5 30.7#

71 42.7 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: 20.000 ng

RT: 11.33 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Tgt Ion: 136 Resp: 94540

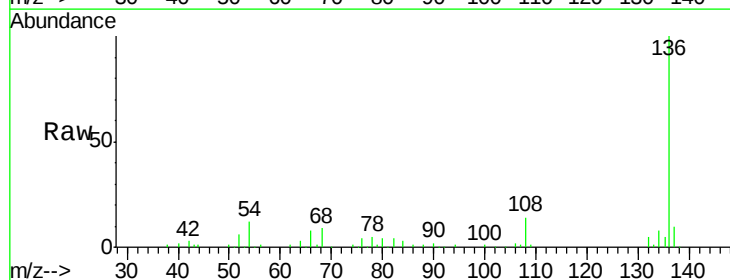
Ion Ratio Lower Upper

136 100

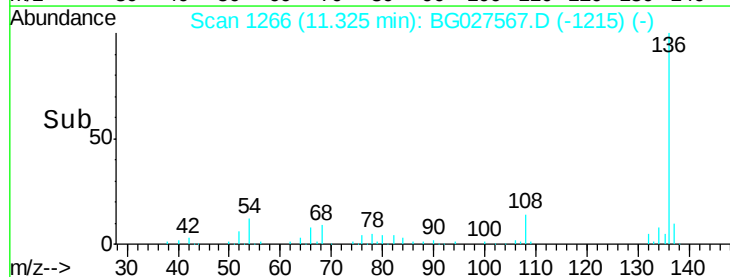
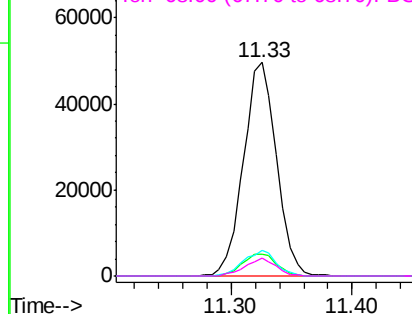
137 10.4 8.9 13.3

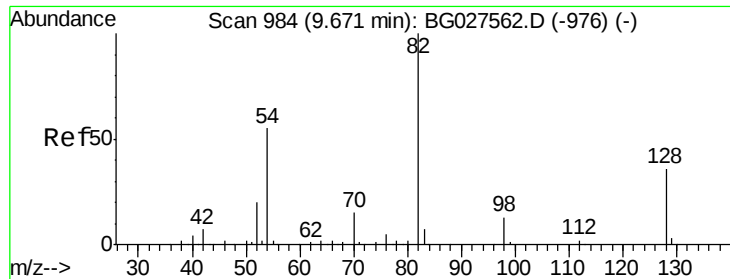
54 11.9 9.3 13.9

68 8.6 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

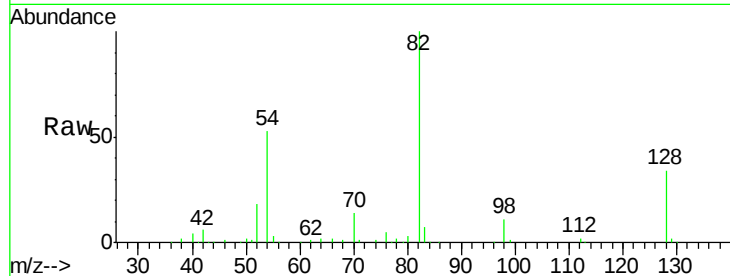




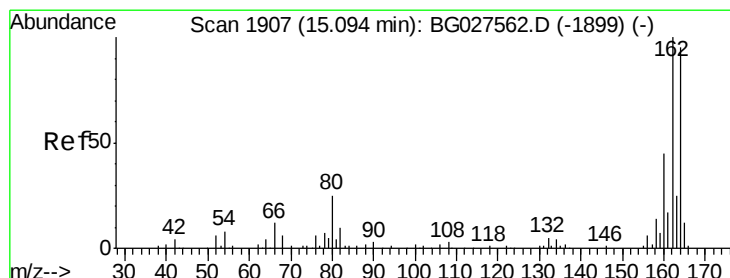
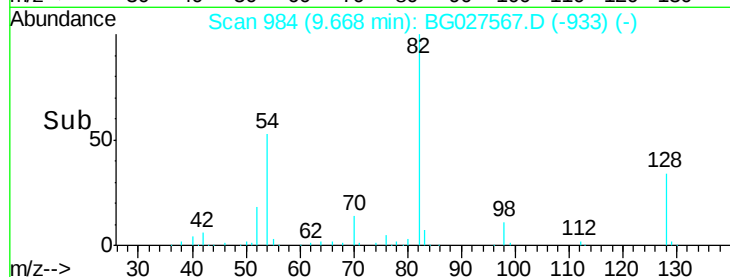
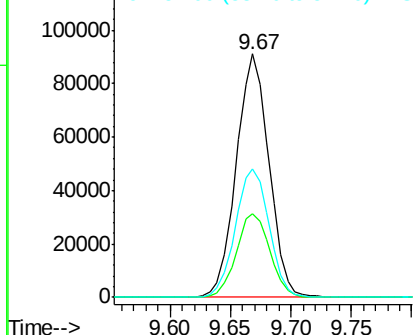
#23
 Nitrobenzene-d5
 Concen: 85.932 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99940BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.4	39.6
54	52.7	49.4	74.2

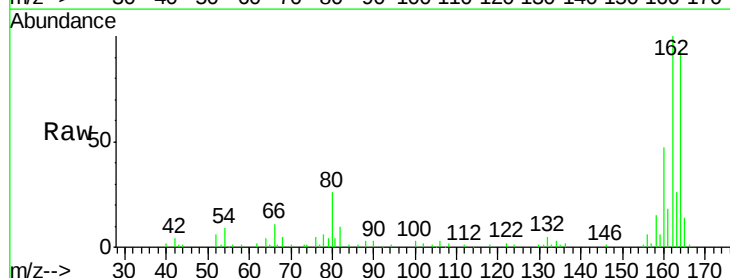


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

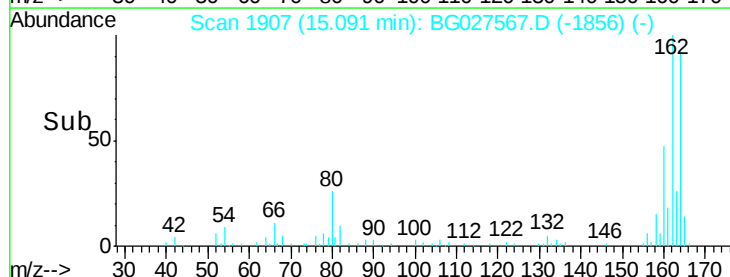
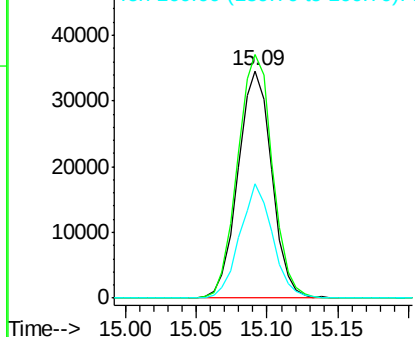


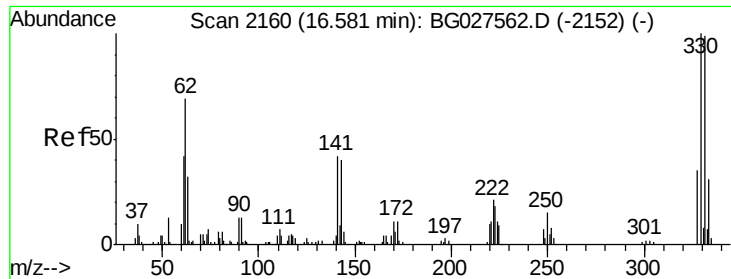
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.09 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	50.4	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: 145.719 ng

RT: 16.58 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

Instrument :

BNA_G

ClientSampled :

PB99940BL

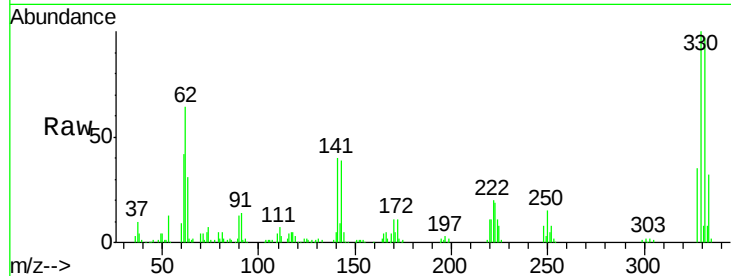
Tgt Ion:330 Resp: 125150

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

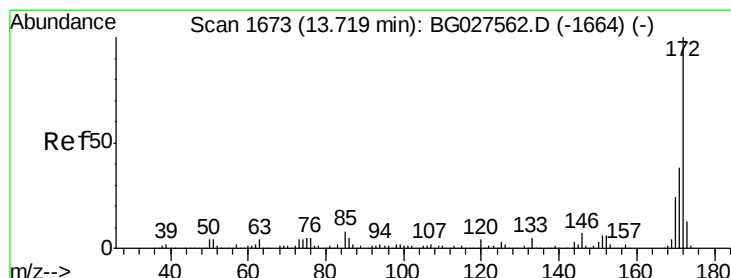
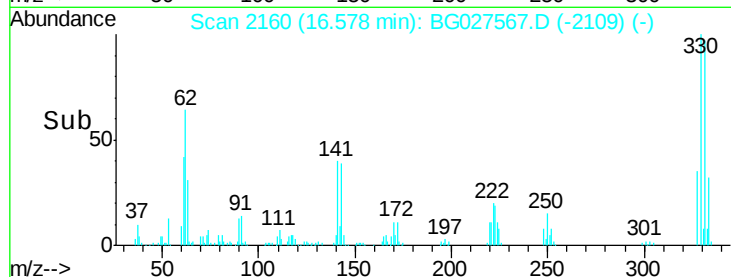
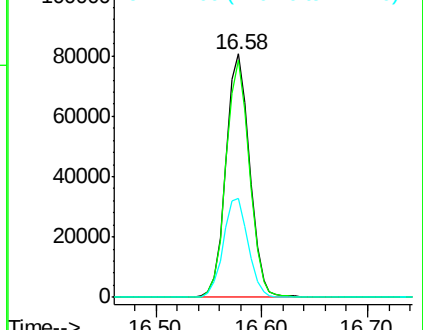
141 42.5 32.1 48.1



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: 86.180 ng

RT: 13.72 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BG027567.D

Acq: 21 Jun 2017 19:28

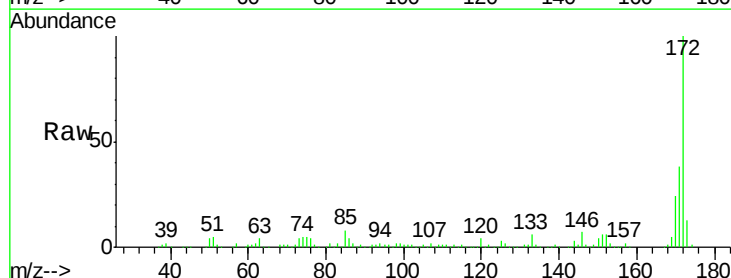
Tgt Ion:172 Resp: 363448

Ion Ratio Lower Upper

172 100

171 38.2 32.2 48.2

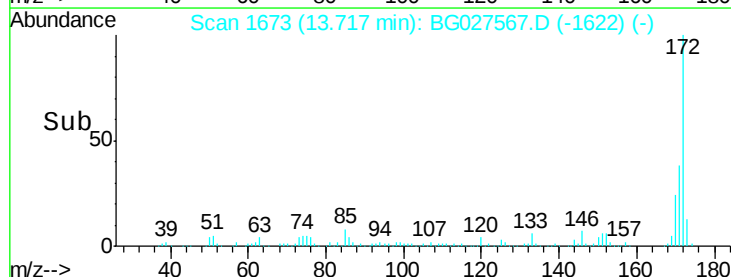
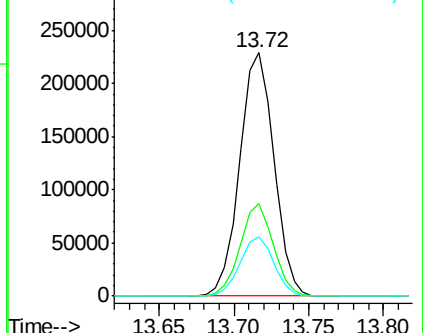
170 24.1 21.8 32.6

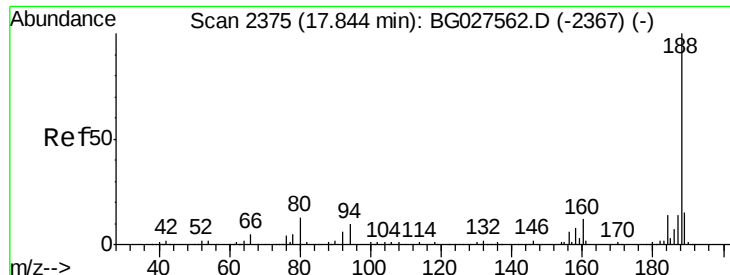


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

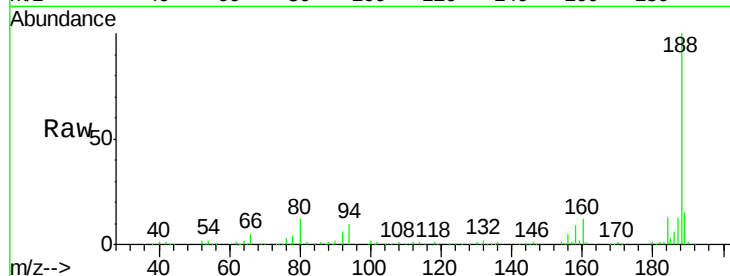




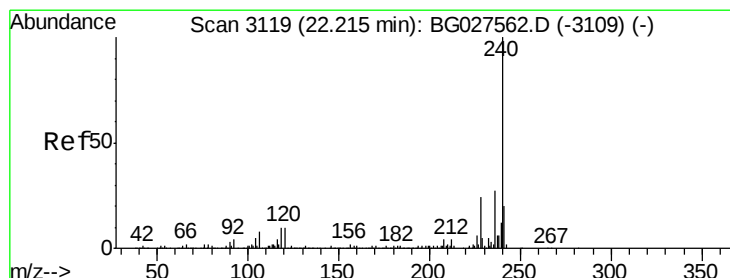
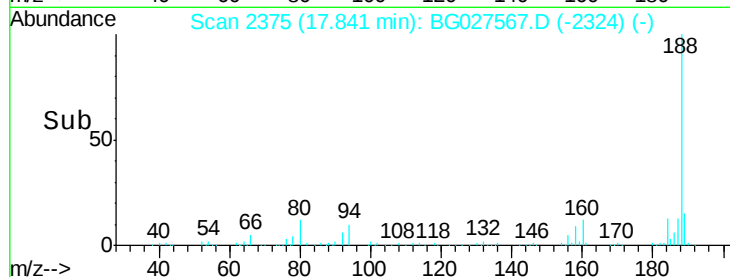
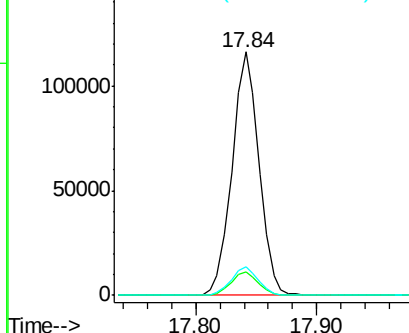
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

Instrument :
BNA_G
ClientSampleId :
PB99940BL

Tgt Ion:188 Resp: 180264
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 11.7 7.5 11.3#

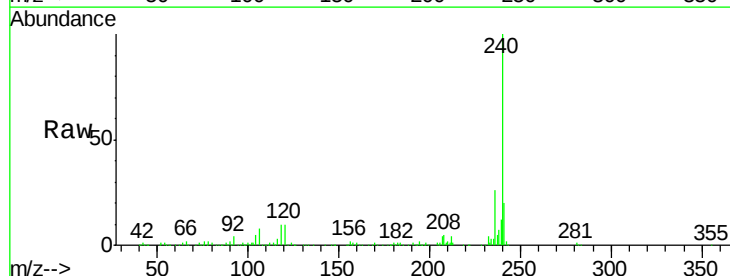


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

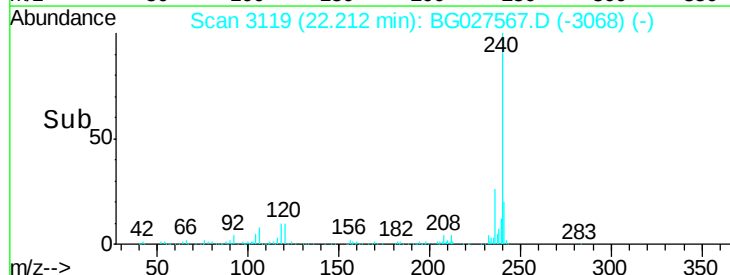
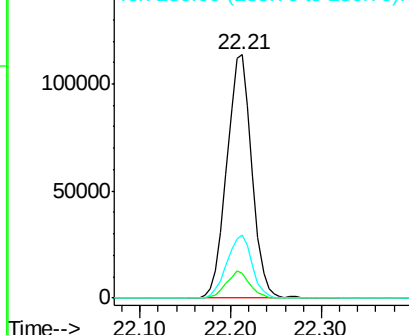


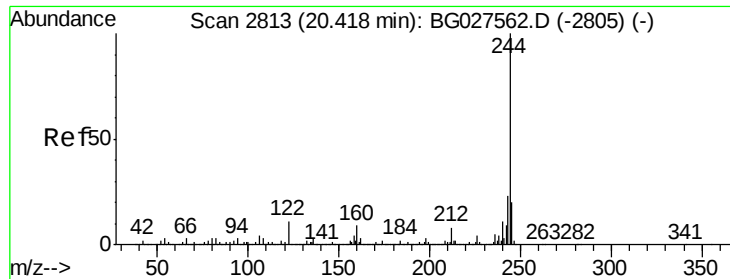
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.21 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BG027567.D
Acq: 21 Jun 2017 19:28

Tgt Ion:240 Resp: 217870
Ion Ratio Lower Upper
240 100
120 10.3 5.7 8.5#
236 25.7 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

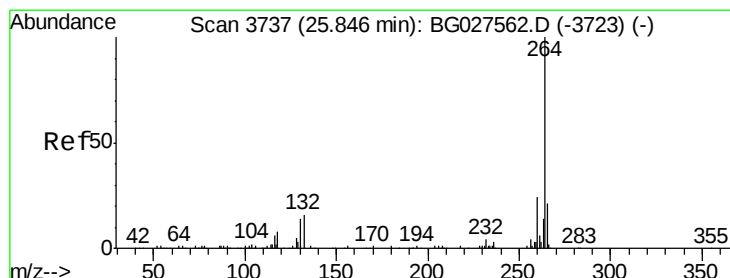
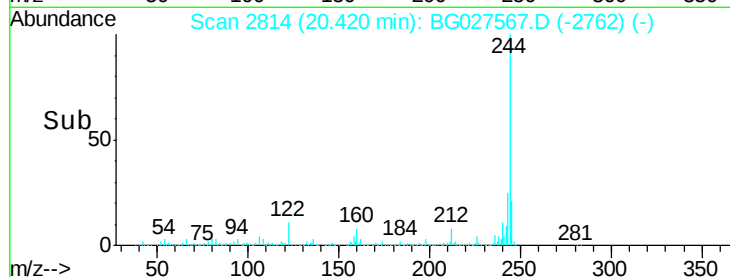
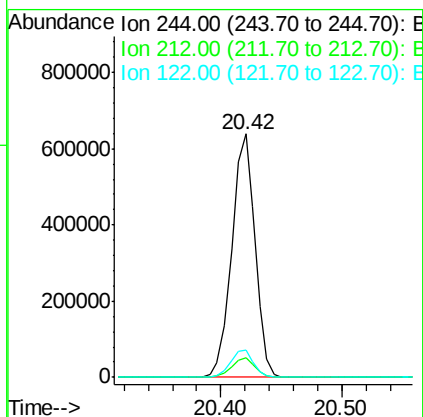
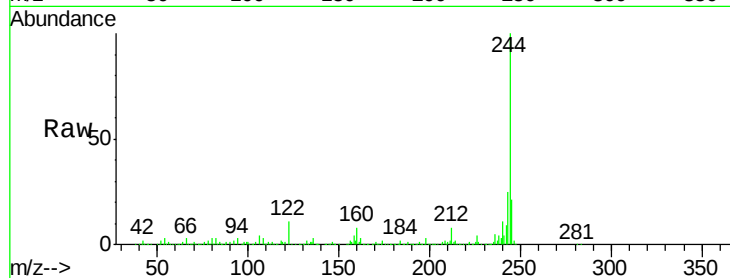




#78
 Terphenyl-d14
 Concen: 92.290 ng
 RT: 20.42 min Scan# 2814
 Delta R.T. 0.00 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Instrument :
 BNA_G
 ClientSampleId :
 PB99940BL

Tgt Ion:244 Resp: 853413
 Ion Ratio Lower Upper
 244 100
 212 8.0 10.0 15.0#
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.85 min Scan# 3738
 Delta R.T. 0.00 min
 Lab File: BG027567.D
 Acq: 21 Jun 2017 19:28

Tgt Ion:264 Resp: 204107
 Ion Ratio Lower Upper
 264 100
 260 25.0 21.8 32.8
 265 21.6 18.2 27.4

