

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027404.D
 Acq On : 14 Jun 2017 2:57
 Operator : SJ/MA
 Sample : I3630-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Jun 14 06:13:17 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	8.54	152	51027	20.00	ng	-0.04
21) Naphthalene-d8	11.35	136	218017	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	126311	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	322497	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	376785	20.00	ng	-0.06
86) Perylene-d12	25.91	264	297886	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	505406	151.14	ng	-0.02
7) Phenol-d6	7.68	99	639981	130.38	ng	-0.02
23) Nitrobenzene-d5	9.70	82	441011	127.21	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	308723	185.61	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	909986	100.79	ng	-0.04
78) Terphenyl-d14	20.44	244	1648994	111.64	ng	-0.05

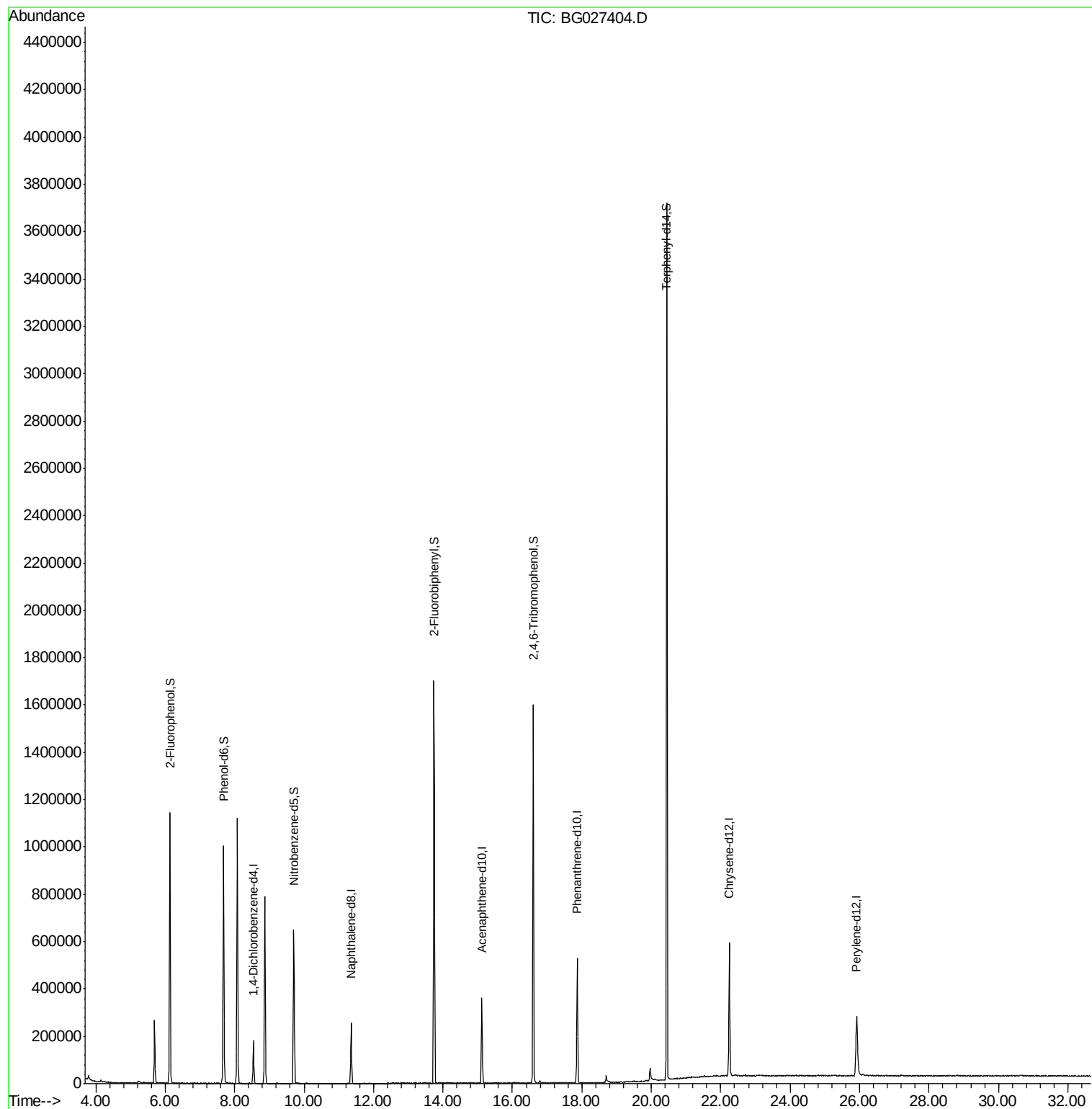
Target Compounds Qvalue

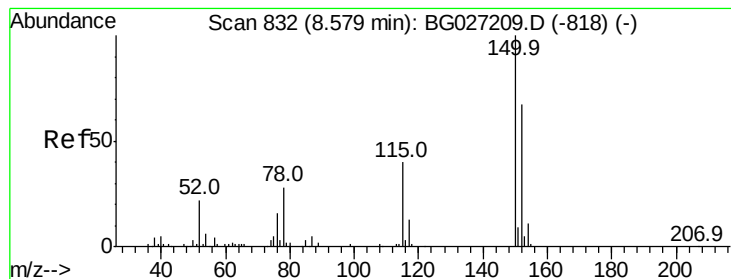
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027404.D

Acq: 14 Jun 2017 2:57

Instrument :

BNA_G

ClientSampleId :

TP-7

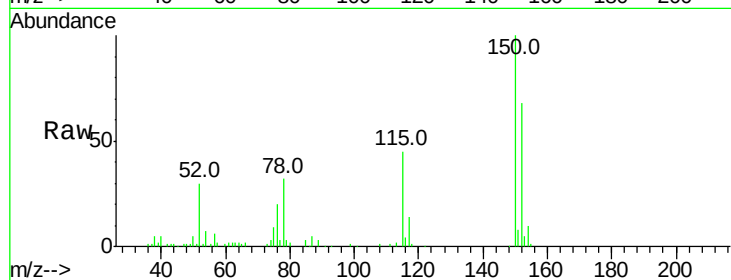
Tot Ion:152 Resp: 51027

Ion Ratio Lower Upper

152 100

150 146.9 114.0 171.0

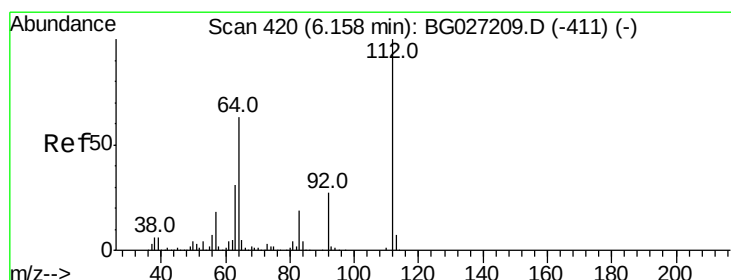
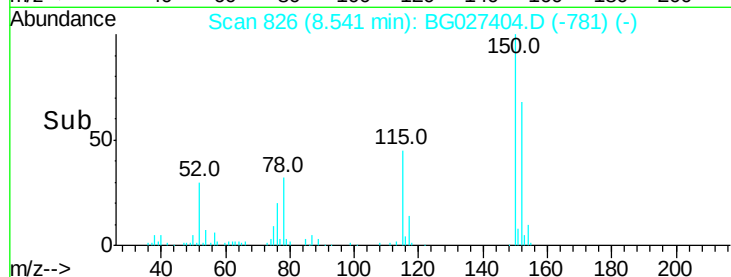
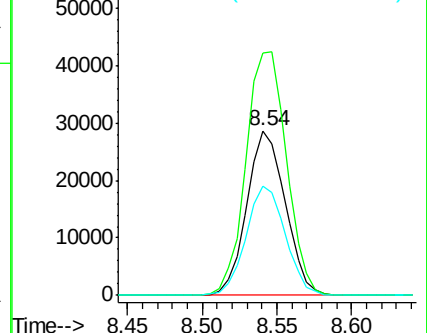
115 66.3 48.1 72.1



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: 151.14 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027404.D

Acq: 14 Jun 2017 2:57

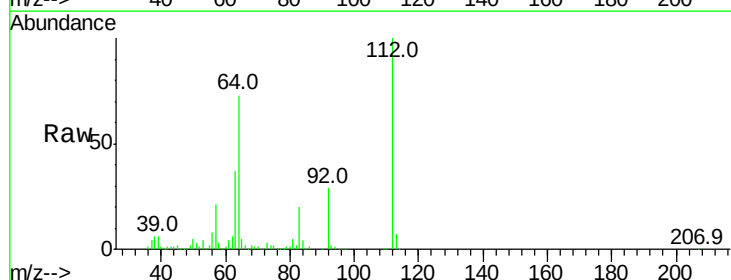
Tgt Ion:112 Resp: 505406

Ion Ratio Lower Upper

112 100

64 73.0 61.8 92.6

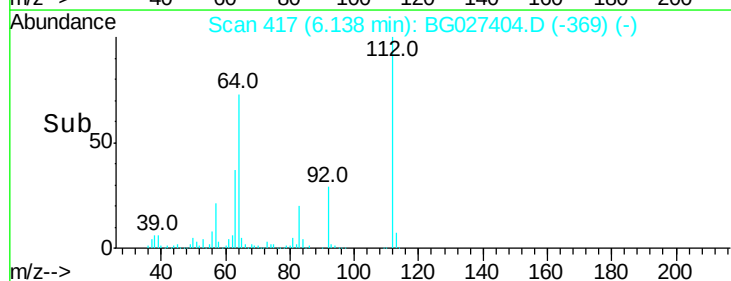
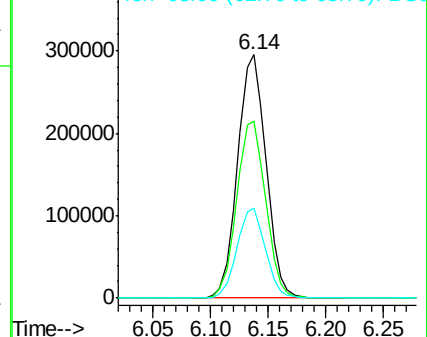
63 36.9 37.2 55.8#

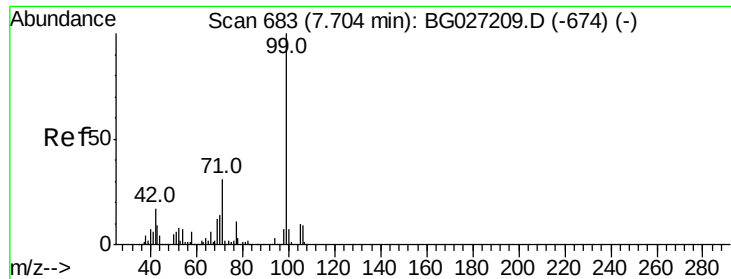


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 130.38 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027404.D

Acq: 14 Jun 2017 2:57

Instrument :

BNA_G

ClientSampleId :

TP-7

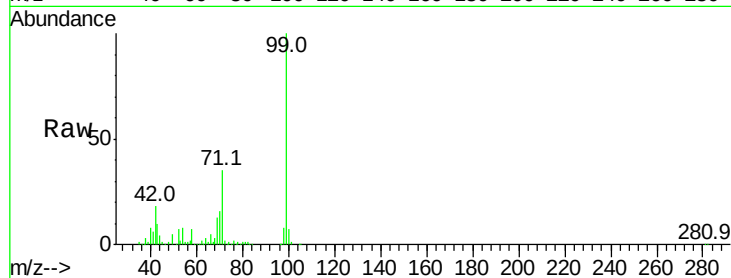
Tot Ion: 99 Resp: 639981

Ion Ratio Lower Upper

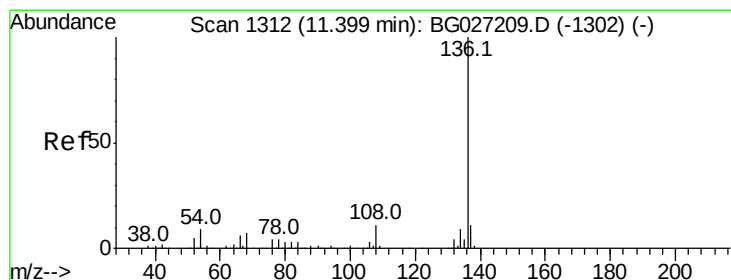
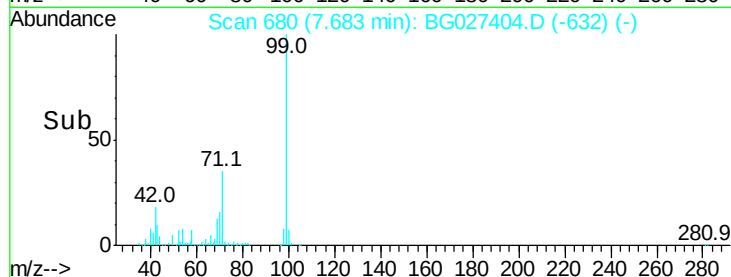
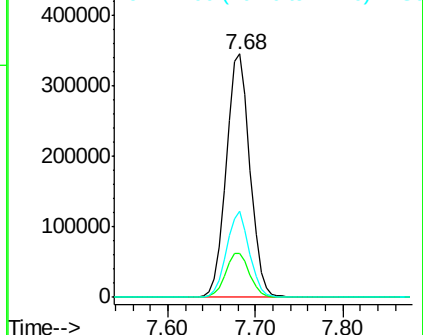
99 100

42 18.3 20.5 30.7#

71 35.2 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: 11.35 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027404.D

Acq: 14 Jun 2017 2:57

Tgt Ion: 136 Resp: 218017

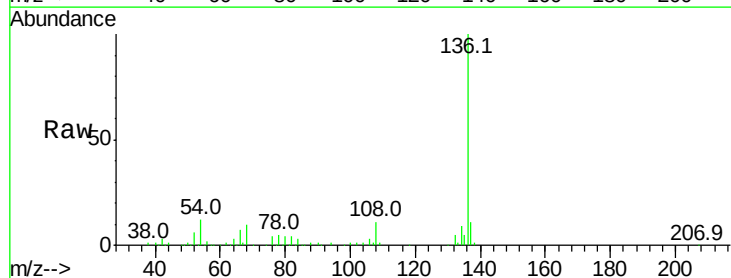
Ion Ratio Lower Upper

136 100

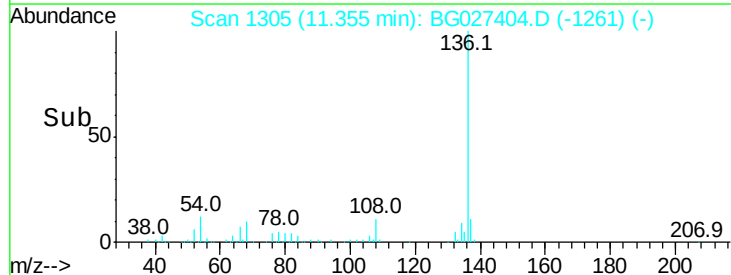
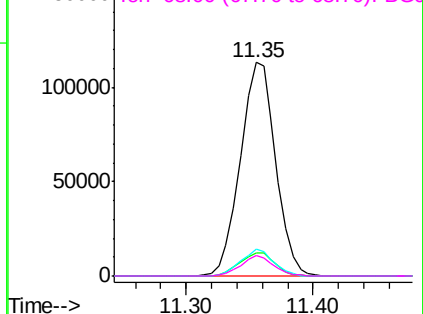
137 11.0 8.9 13.3

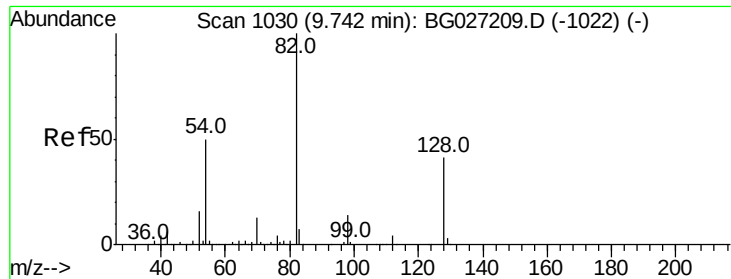
54 12.3 9.3 13.9

68 9.9 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

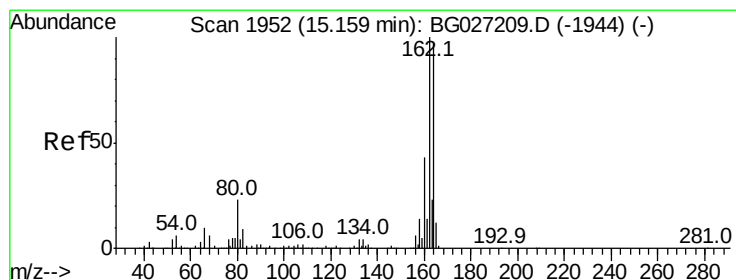
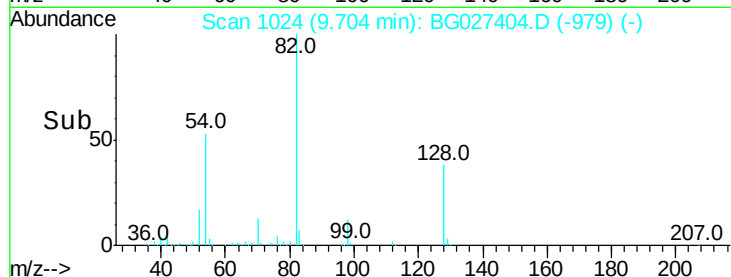
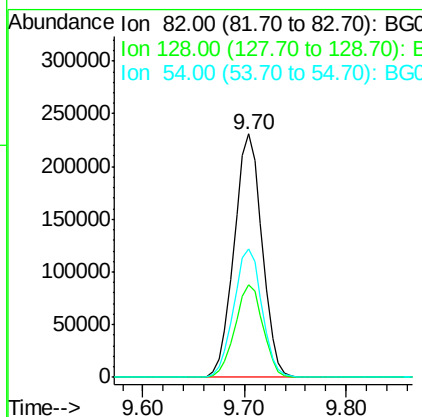
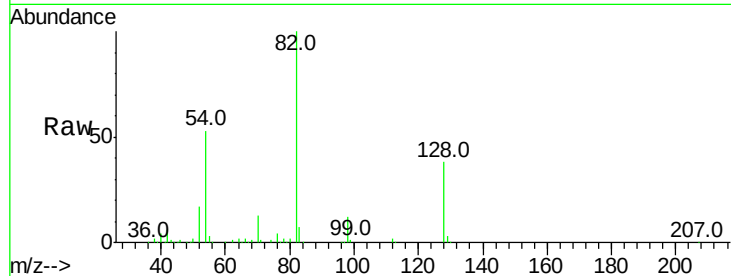




#23
 Nitrobenzene-d5
 Concen: 127.21 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027404.D
 Acq: 14 Jun 2017 2:57

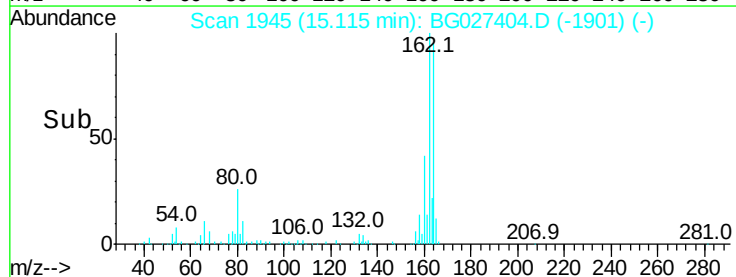
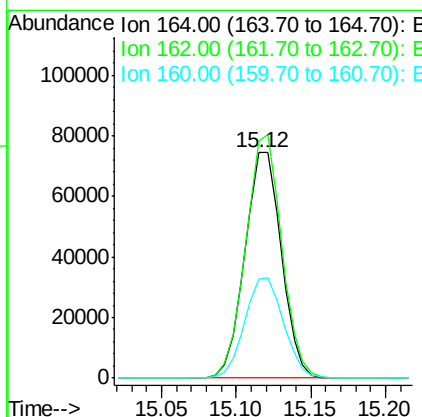
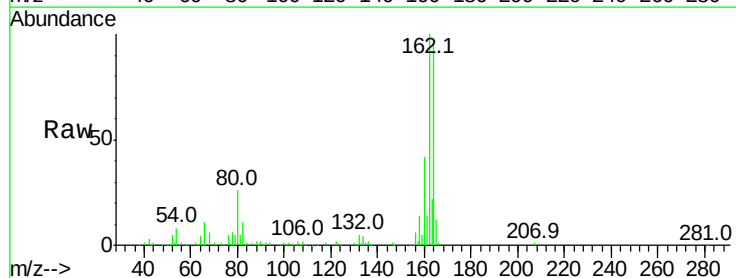
Instrument :
 BNA_G
 ClientSampleId :
 TP-7

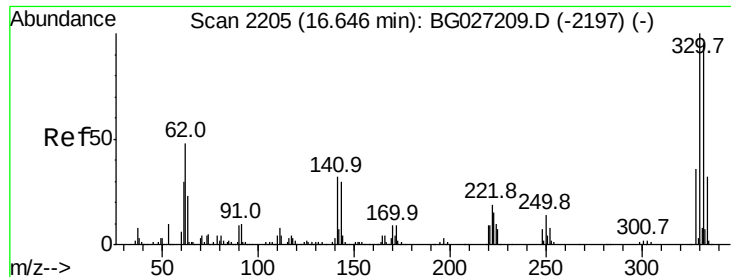
Tot Ion: 82 Resp: 441011
 Ion Ratio Lower Upper
 82 100
 128 37.8 26.4 39.6
 54 52.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027404.D
 Acq: 14 Jun 2017 2:57

Tgt Ion: 164 Resp: 126311
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.1 127.7
 160 44.1 34.7 52.1

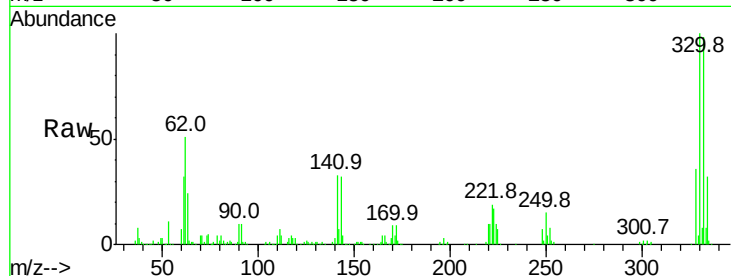




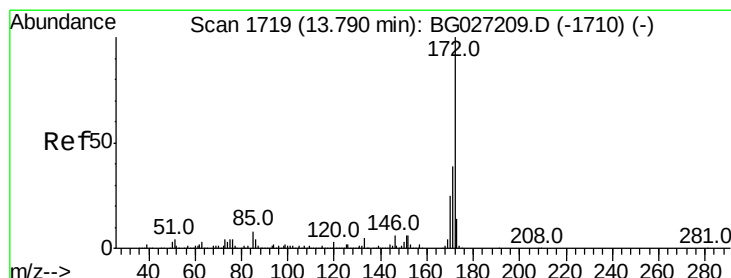
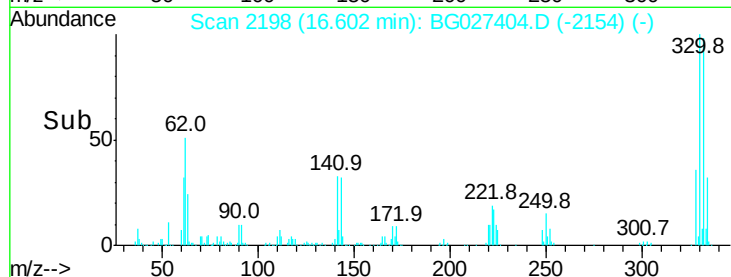
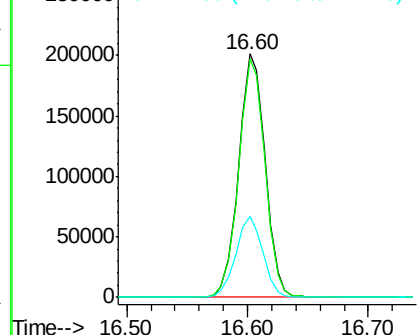
#41
 2,4,6-Tribromophenol
 Concen: 185.61 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027404.D
 Acq: 14 Jun 2017 2:57

Instrument :
 BNA_G
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	33.8	32.1	48.1

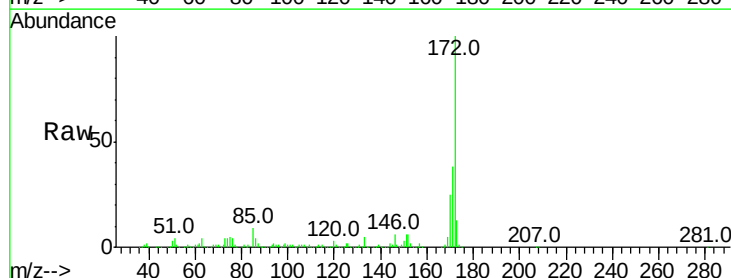


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

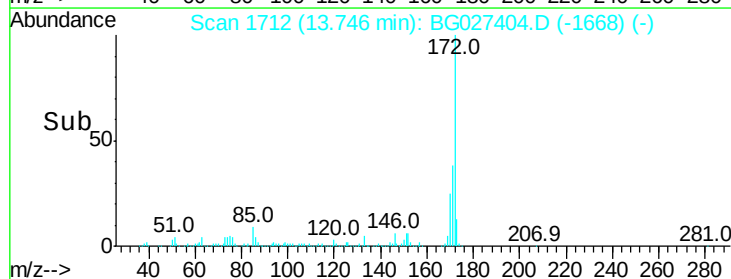
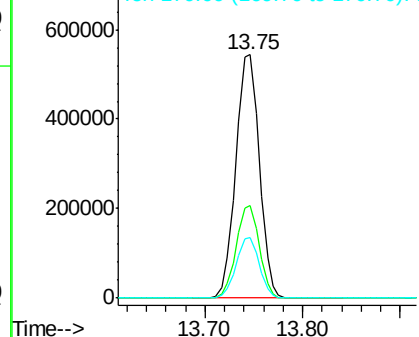


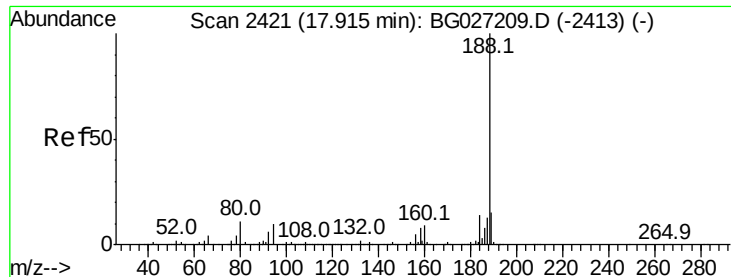
#44
 2-Fluorobiphenyl
 Concen: 100.79 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027404.D
 Acq: 14 Jun 2017 2:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	24.9	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

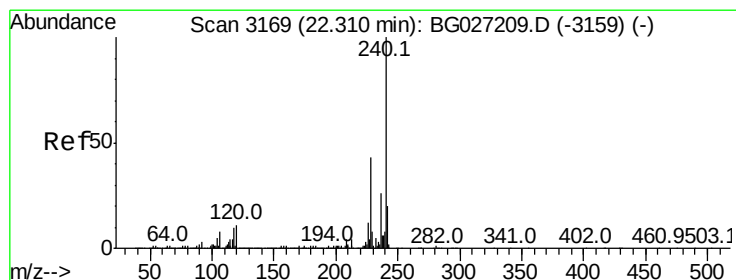
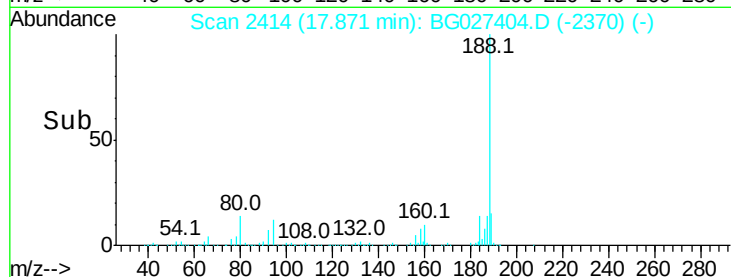
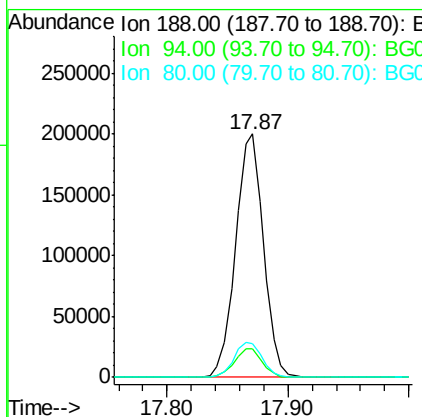
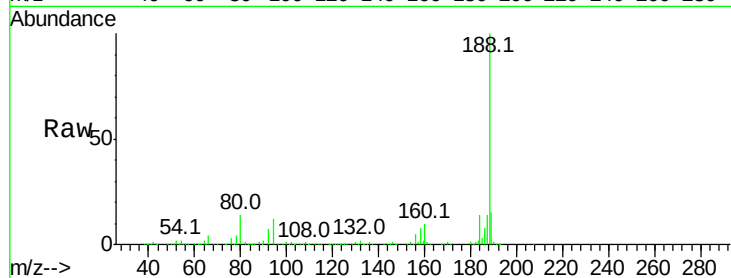




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027404.D
Acq: 14 Jun 2017 2:57

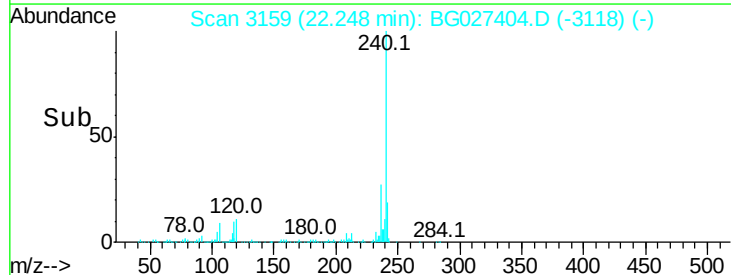
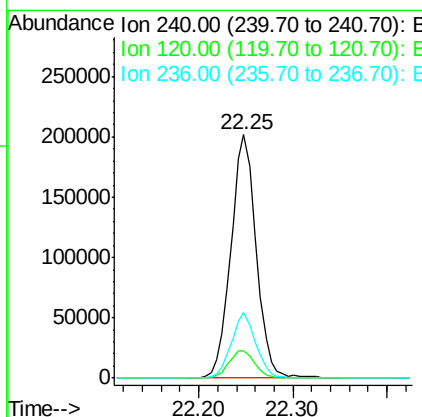
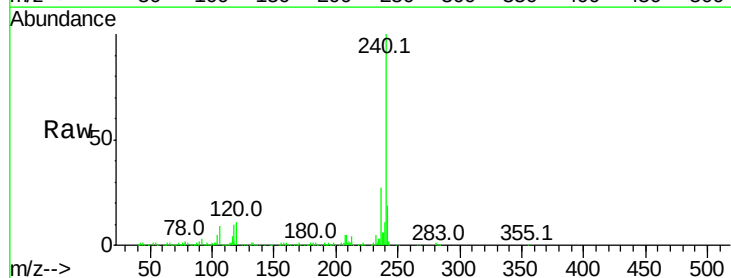
Instrument :
BNA_G
ClientSampled :
TP-7

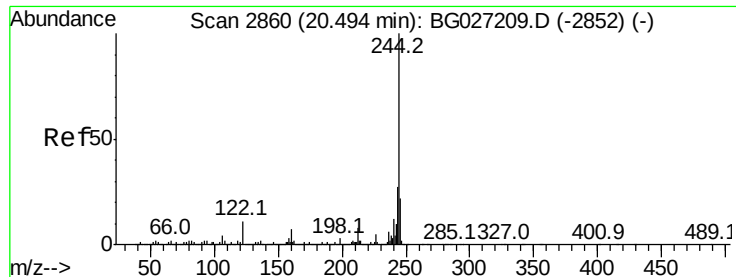
Tot Ion:188 Resp: 322497
Ion Ratio Lower Upper
188 100
94 11.6 5.8 8.8#
80 13.9 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027404.D
Acq: 14 Jun 2017 2:57

Tgt Ion:240 Resp: 376785
Ion Ratio Lower Upper
240 100
120 11.2 5.7 8.5#
236 26.7 22.2 33.4





#78

Terphenyl-d14

Concen: 111.64 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027404.D

Acq: 14 Jun 2017 2:57

Instrument :

BNA_G

ClientSampleId :

TP-7

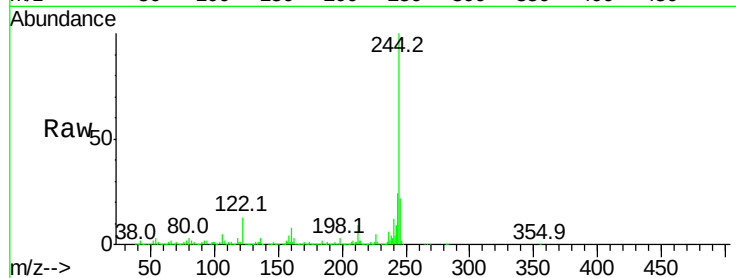
Tot Ion:244 Resp: 1648994

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

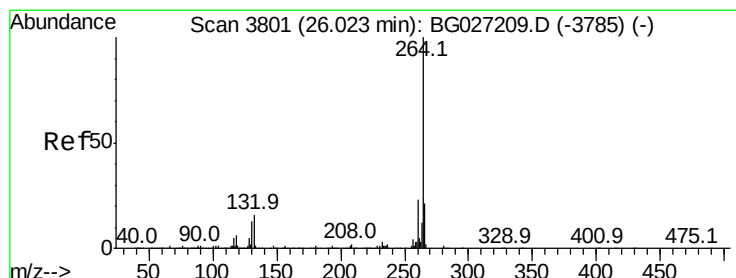
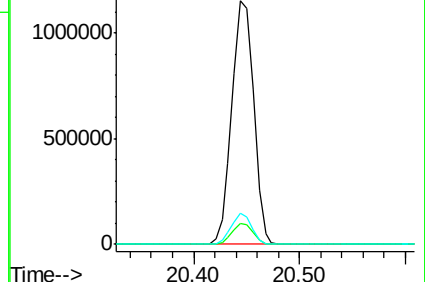
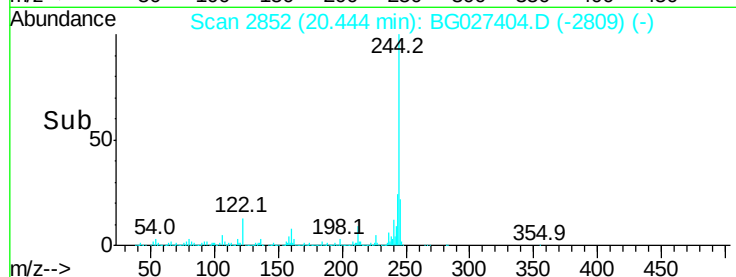
122 12.6 8.6 12.8



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: 25.91 min Scan# 3783

Delta R.T. -0.11 min

Lab File: BG027404.D

Acq: 14 Jun 2017 2:57

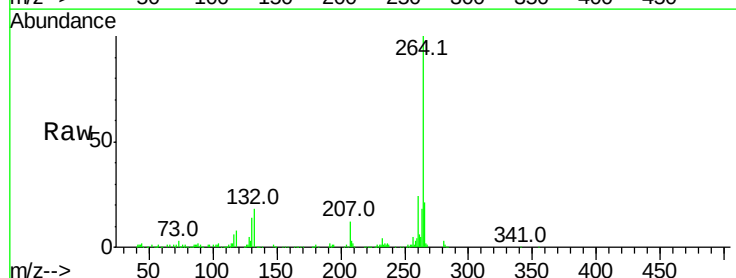
Tgt Ion:264 Resp: 297886

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 20.8 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

