

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061517\
 Data File : BG027453.D
 Acq On : 15 Jun 2017 22:23
 Operator : SJ/MA
 Sample : PB99795BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 01:38:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	32920	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	149563	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	93857	20.00	ng	0.00
63) Phenanthrene-d10	17.86	188	284028	20.00	ng	0.00
75) Chrysene-d12	22.23	240	345300	20.00	ng	0.00
86) Perylene-d12	25.89	264	332232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	344020	147.69	ng	0.00
7) Phenol-d6	7.66	99	478090	133.55	ng	0.00
23) Nitrobenzene-d5	9.68	82	280070	95.47	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	248579	176.47	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	638852	98.33	ng	0.00
78) Terphenyl-d14	20.44	244	1458784	108.28	ng	0.00

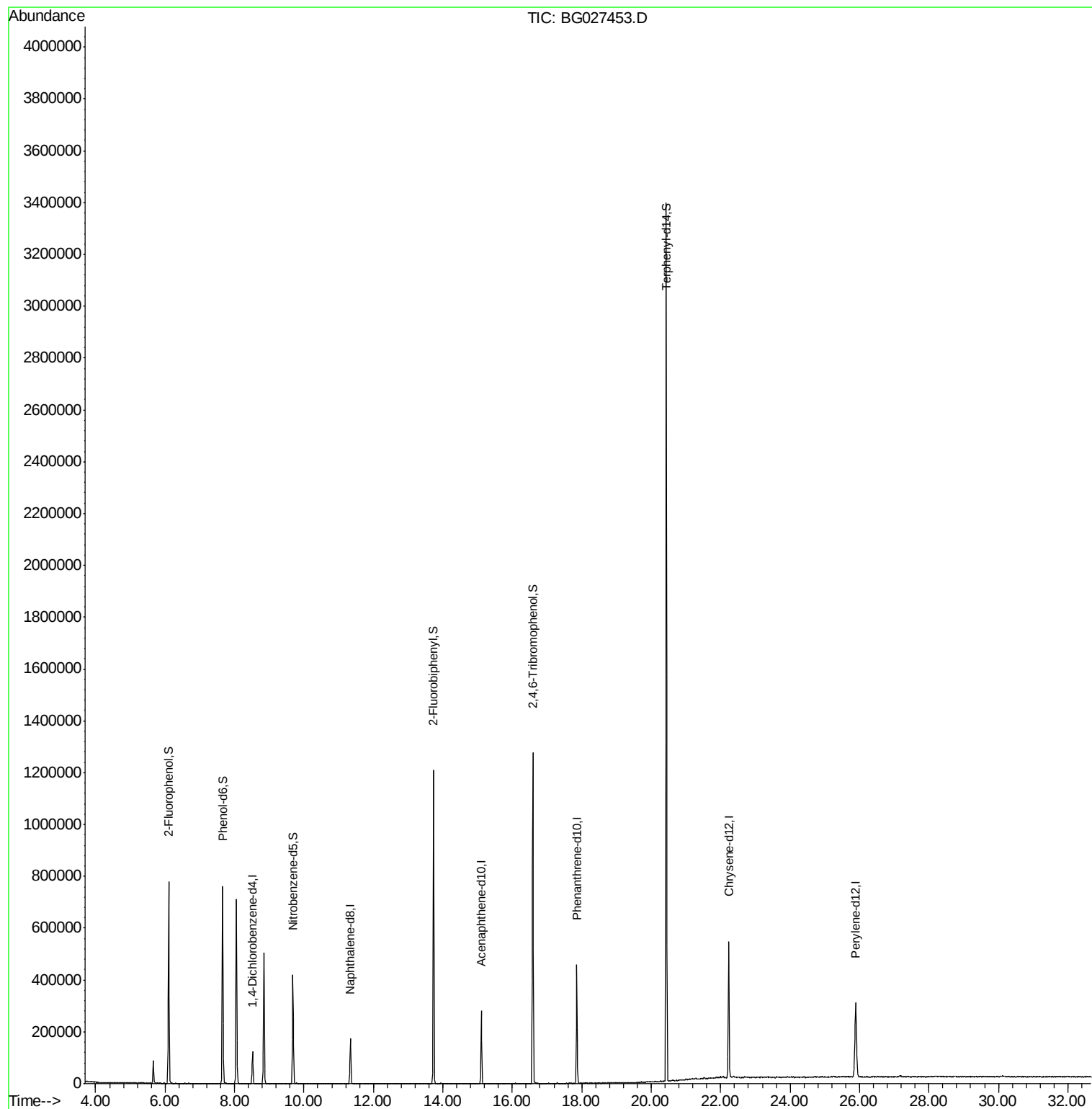
Target Compounds Qvalue

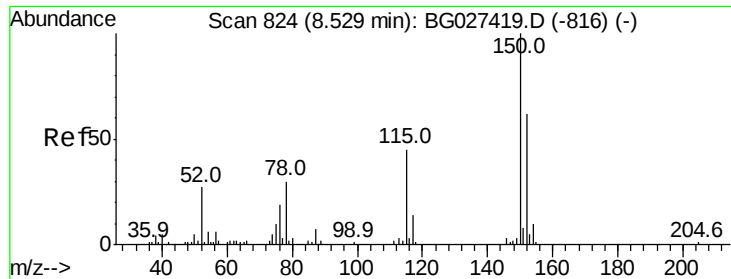
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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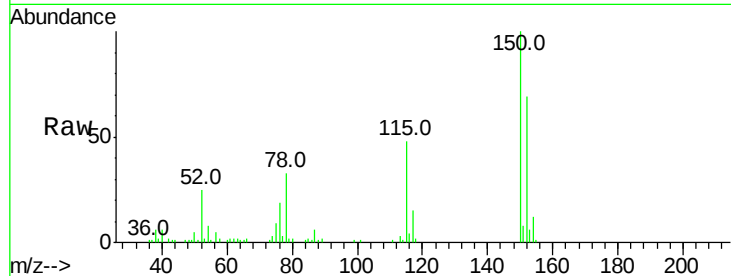


#1

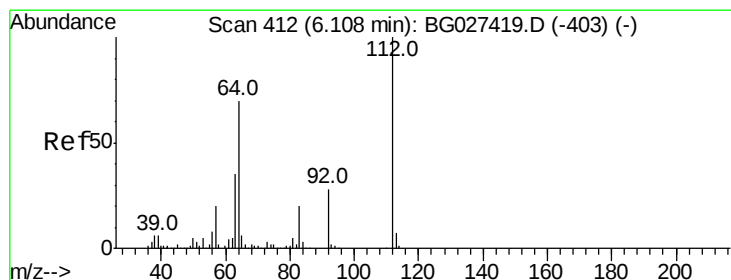
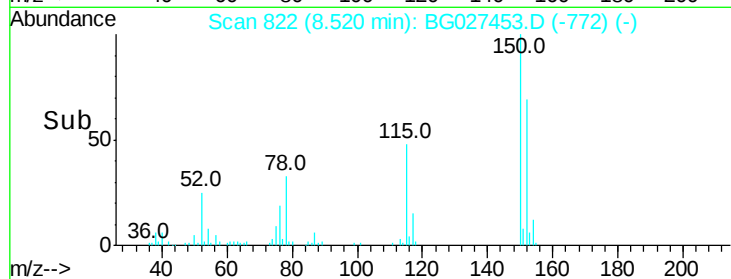
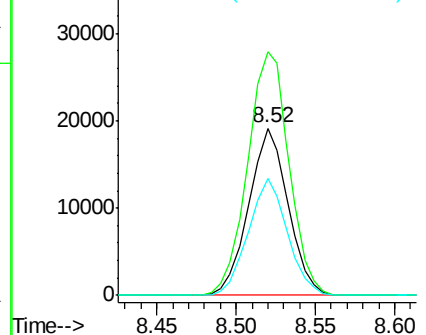
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027453.D
Acq: 15 Jun 2017 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32920
Ion Ratio Lower Upper
152 100
150 145.5 114.0 171.0
115 69.5 48.1 72.1



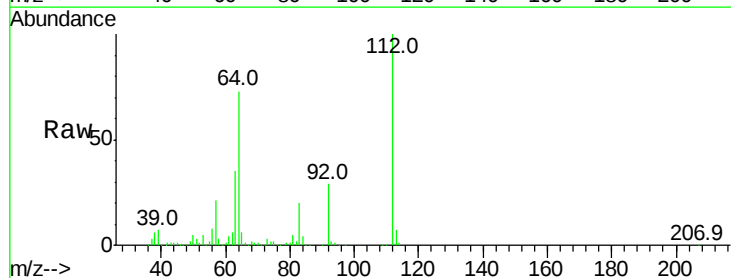
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



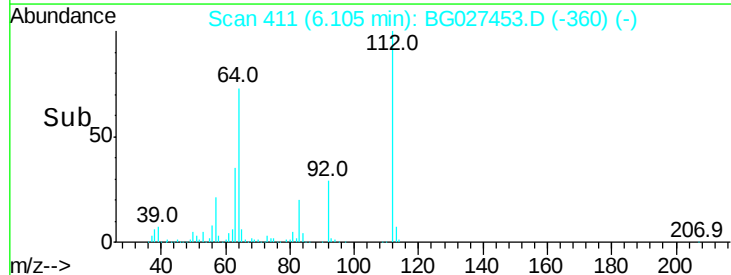
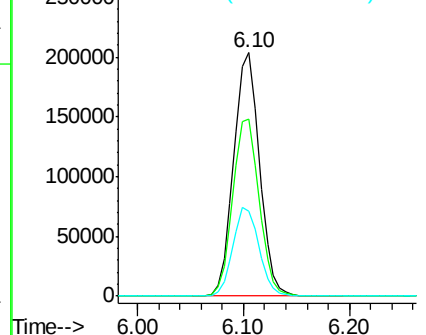
#5

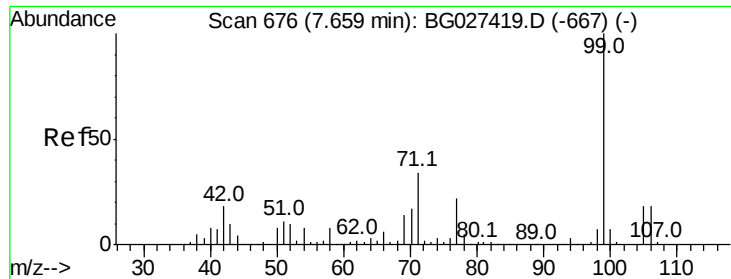
2-Fluorophenol
Concen: 147.69 ng
RT: 6.10 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027453.D
Acq: 15 Jun 2017 22:23

Tgt Ion:112 Resp: 344020
Ion Ratio Lower Upper
112 100
64 72.8 61.8 92.6
63 34.8 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 133.55 ng

RT: 7.66 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027453.D

Acq: 15 Jun 2017 22:23

Instrument :

BNA_G

ClientSampleId :

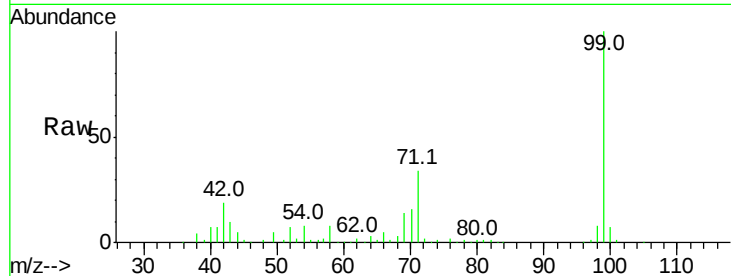
Tot Ion: 99 Resp: 478090

Ion Ratio Lower Upper

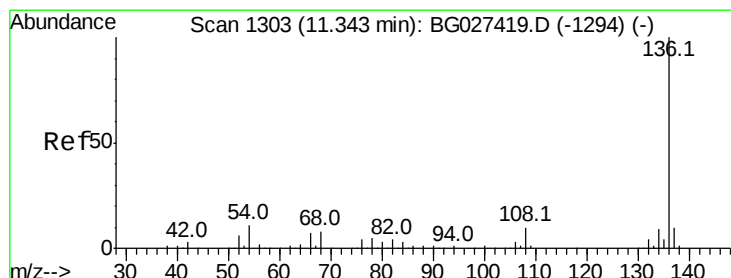
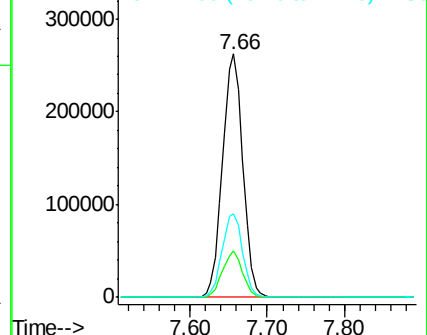
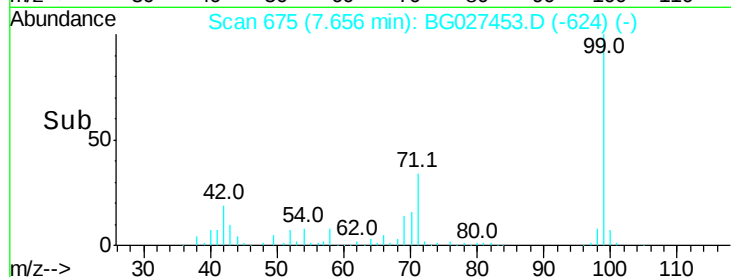
99 100

42 19.0 20.5 30.7#

71 34.1 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: 11.34 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG027453.D

Acq: 15 Jun 2017 22:23

Tgt Ion: 136 Resp: 149563

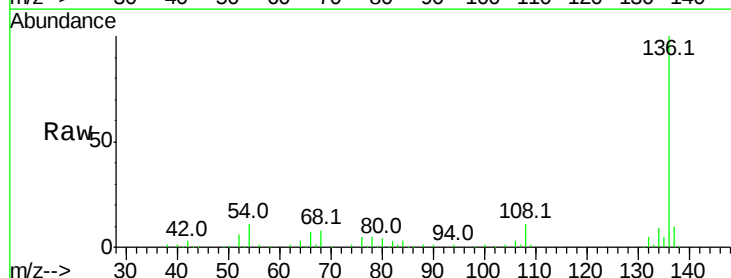
Ion Ratio Lower Upper

136 100

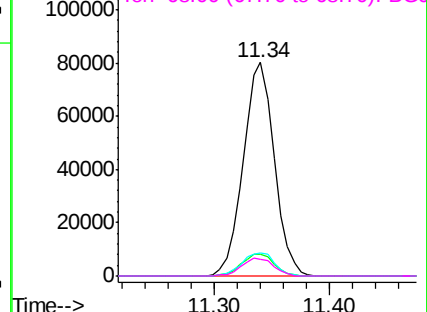
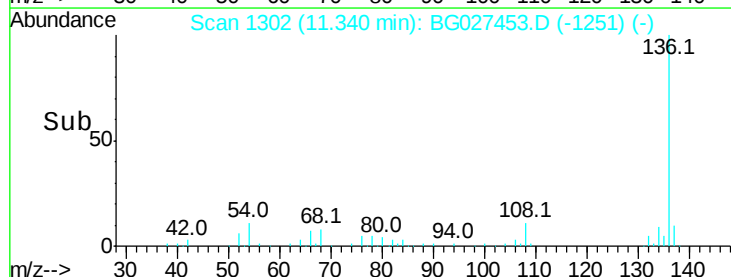
137 10.2 8.9 13.3

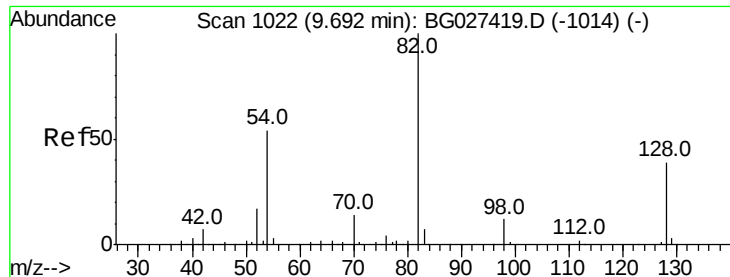
54 10.8 9.3 13.9

68 7.7 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: 95.47 ng

RT: 9.68 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG027453.D

Acq: 15 Jun 2017 22:23

Instrument :

BNA_G

ClientSampleId :

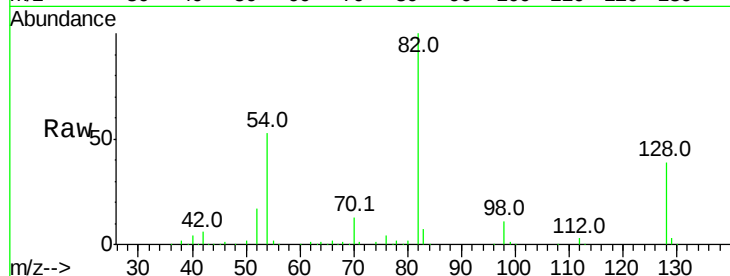
Tot Ion: 82 Resp: 280070

Ion Ratio Lower Upper

82 100

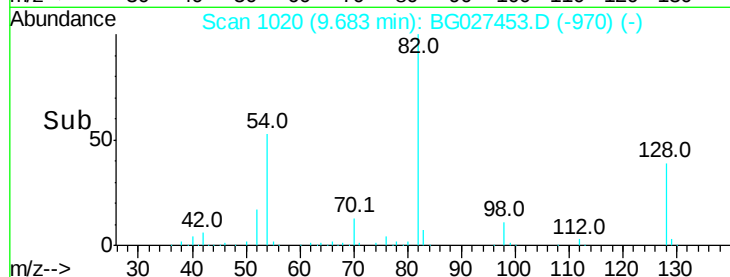
128 38.5 26.4 39.6

54 52.9 49.4 74.2

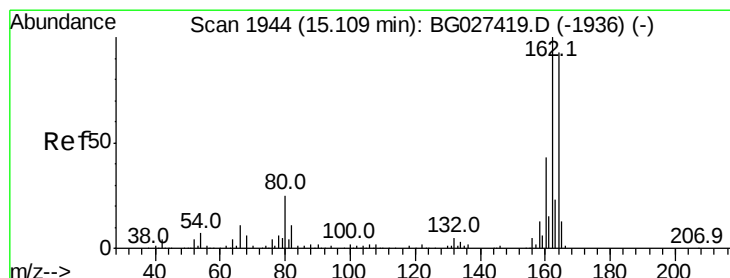


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

9.68



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.11 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG027453.D

Acq: 15 Jun 2017 22:23

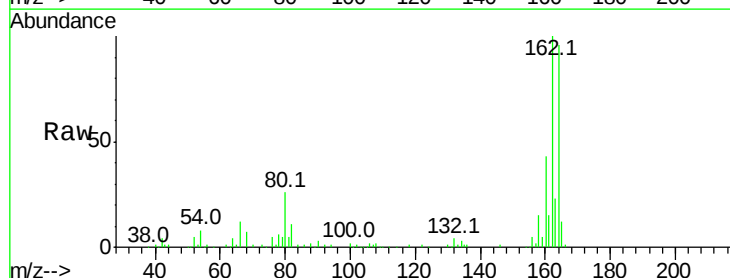
Tgt Ion:164 Resp: 93857

Ion Ratio Lower Upper

164 100

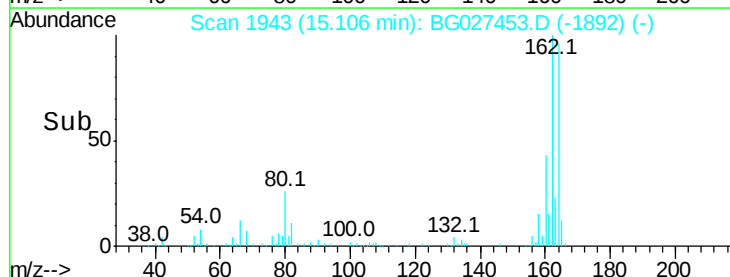
162 103.9 85.1 127.7

160 44.5 34.7 52.1

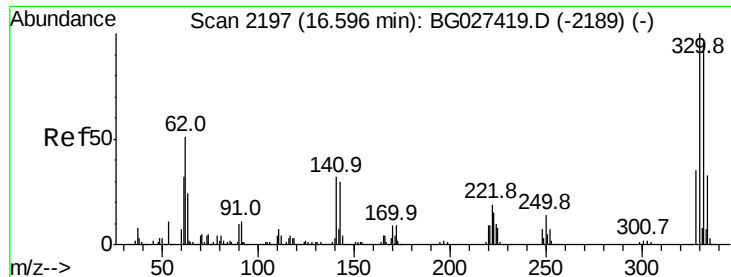


Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

15.11



Time-->



#41

2,4,6-Tribromophenol

Concen: 176.47 ng

RT: 16.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG027453.D

Acq: 15 Jun 2017 22:23

Instrument :

BNA_G

ClientSampleId :

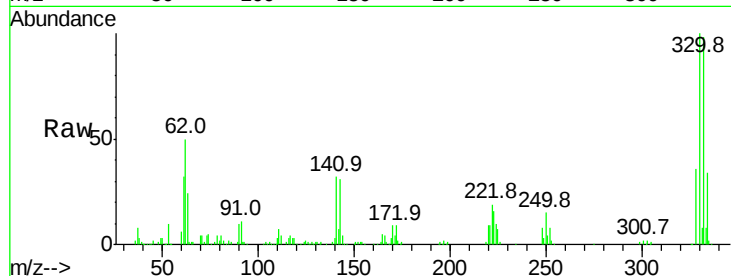
Tot Ion:330 Resp: 248579

Ion Ratio Lower Upper

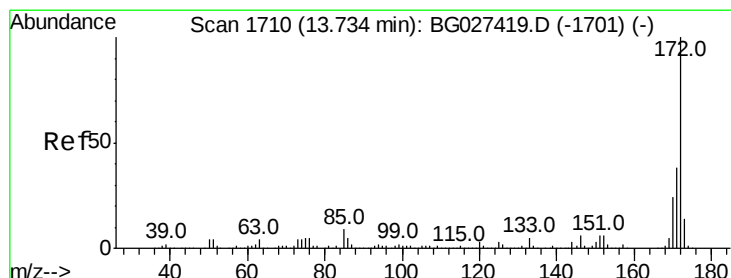
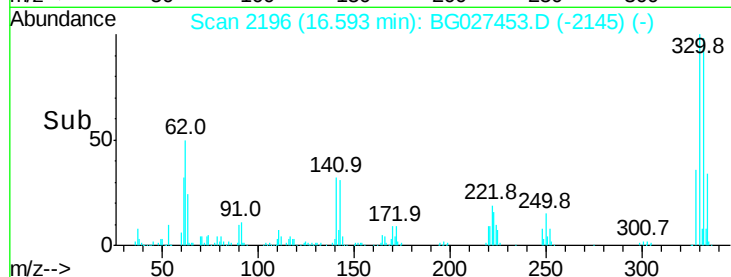
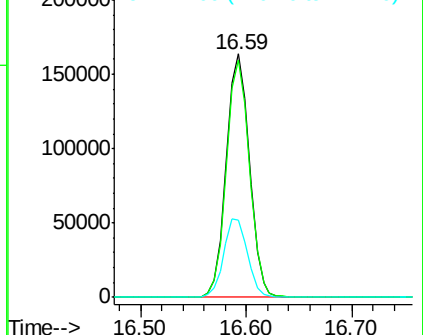
330 100

332 96.9 77.3 115.9

141 33.5 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: 98.33 ng

RT: 13.73 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BG027453.D

Acq: 15 Jun 2017 22:23

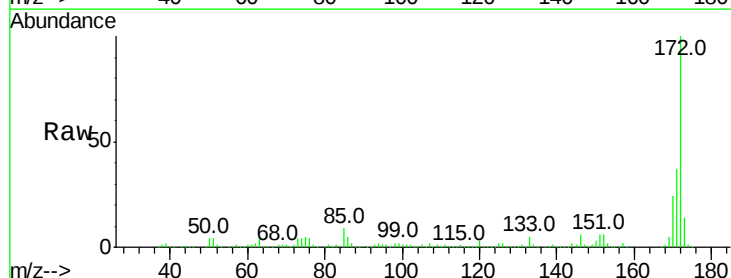
Tgt Ion:172 Resp: 638852

Ion Ratio Lower Upper

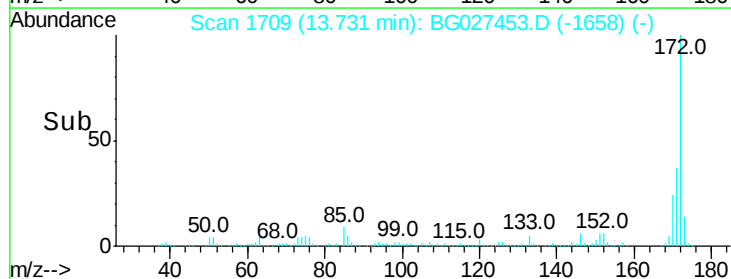
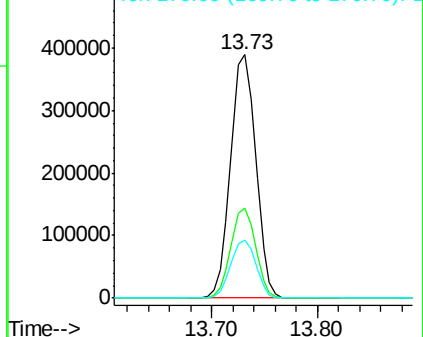
172 100

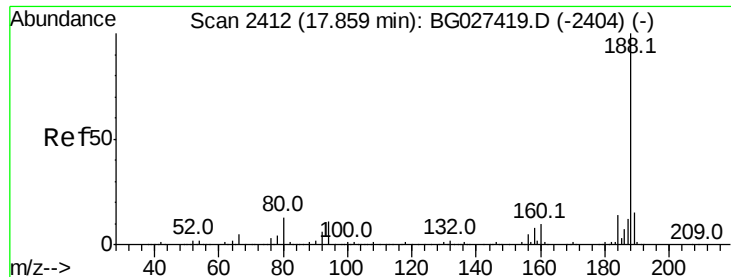
171 36.7 32.2 48.2

170 24.0 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

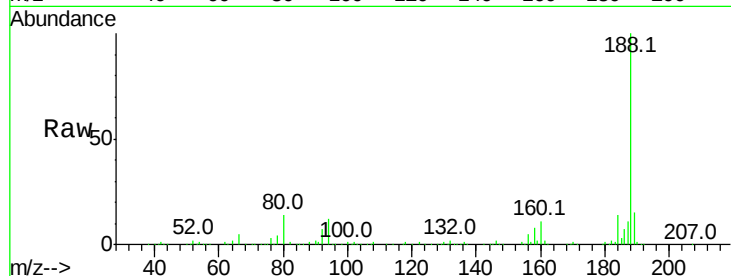




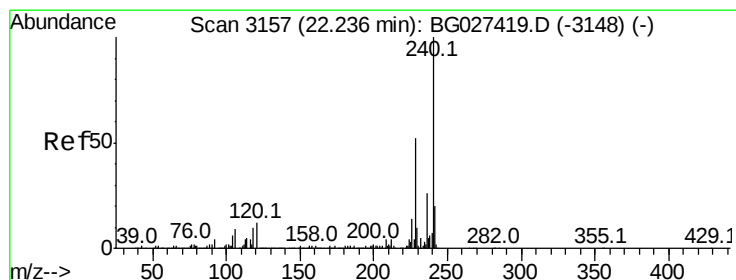
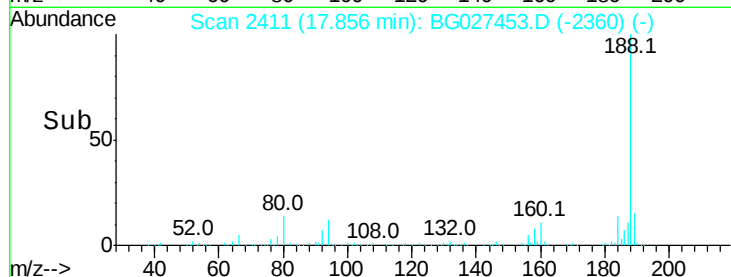
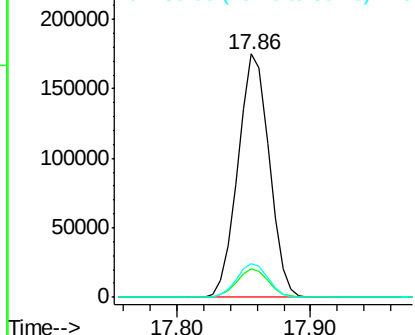
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.86 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG027453.D
Acq: 15 Jun 2017 22:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 284028
Ion Ratio Lower Upper
188 100
94 11.6 5.8 8.8#
80 13.8 7.5 11.3#

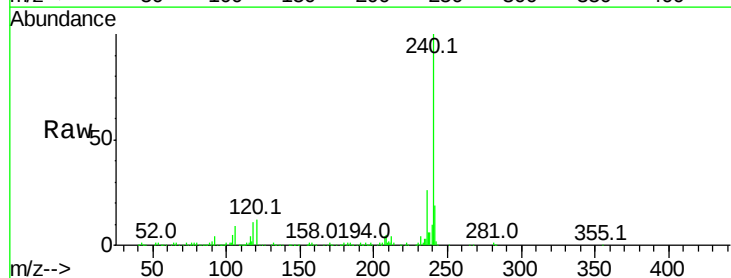


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

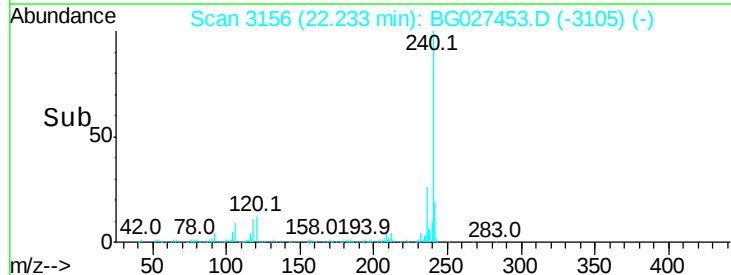
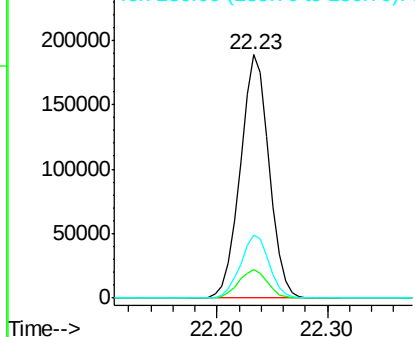


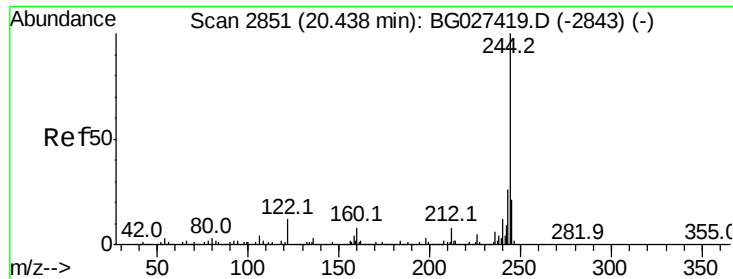
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG027453.D
Acq: 15 Jun 2017 22:23

Tgt Ion:240 Resp: 345300
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 26.0 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: 108.28 ng

RT: 20.44 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027453.D

Acq: 15 Jun 2017 22:23

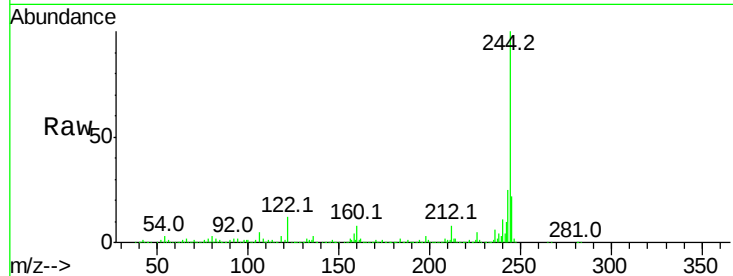
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1458784

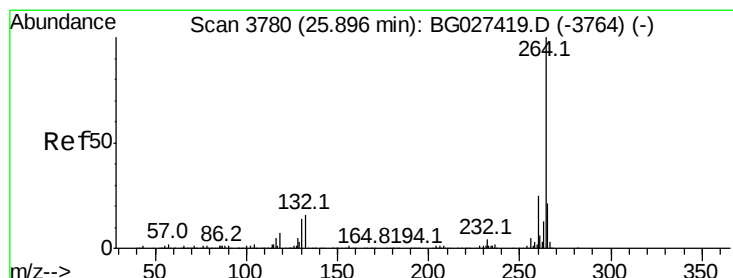
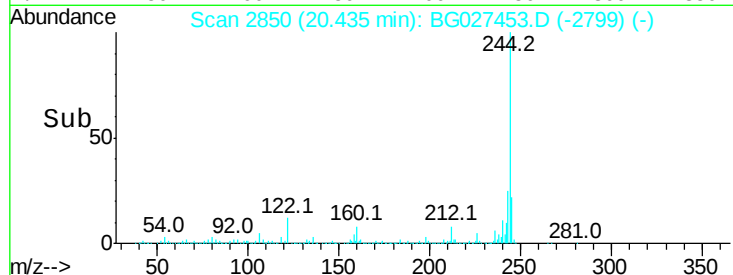
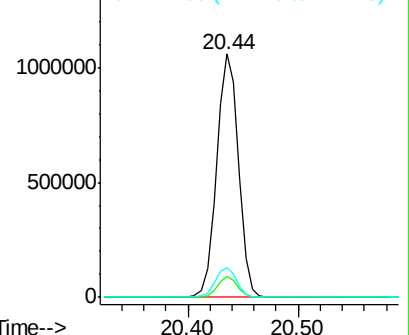
Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	12.2	8.6	12.8



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: 25.89 min Scan# 3778

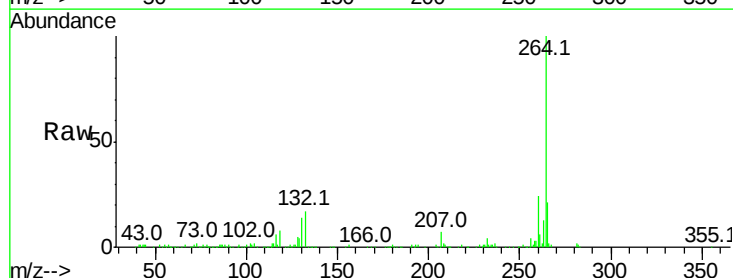
Delta R.T. -0.01 min

Lab File: BG027453.D

Acq: 15 Jun 2017 22:23

Tgt Ion:264 Resp: 332232

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.3	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

