

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030553.D
 Acq On : 29 Oct 2017 8:41
 Operator : SJ/JU
 Sample : I6092-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WELLWOOD-CROSSING-EAST(0-3)

Quant Time: Oct 30 06:56:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	78238	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	333871	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	197741	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	560430	20.00	ng	0.00
75) Chrysene-d12	21.79	240	581026	20.00	ng	0.00
86) Perylene-d12	25.10	264	235023	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	667415	142.51	ng	0.00
7) Phenol-d6	7.32	99	764097	116.23	ng	0.00
23) Nitrobenzene-d5	9.33	82	557775	106.16	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	495365	194.03	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1442231	106.97	ng	0.00
78) Terphenyl-d14	20.11	244	2402776	94.08	ng	0.00

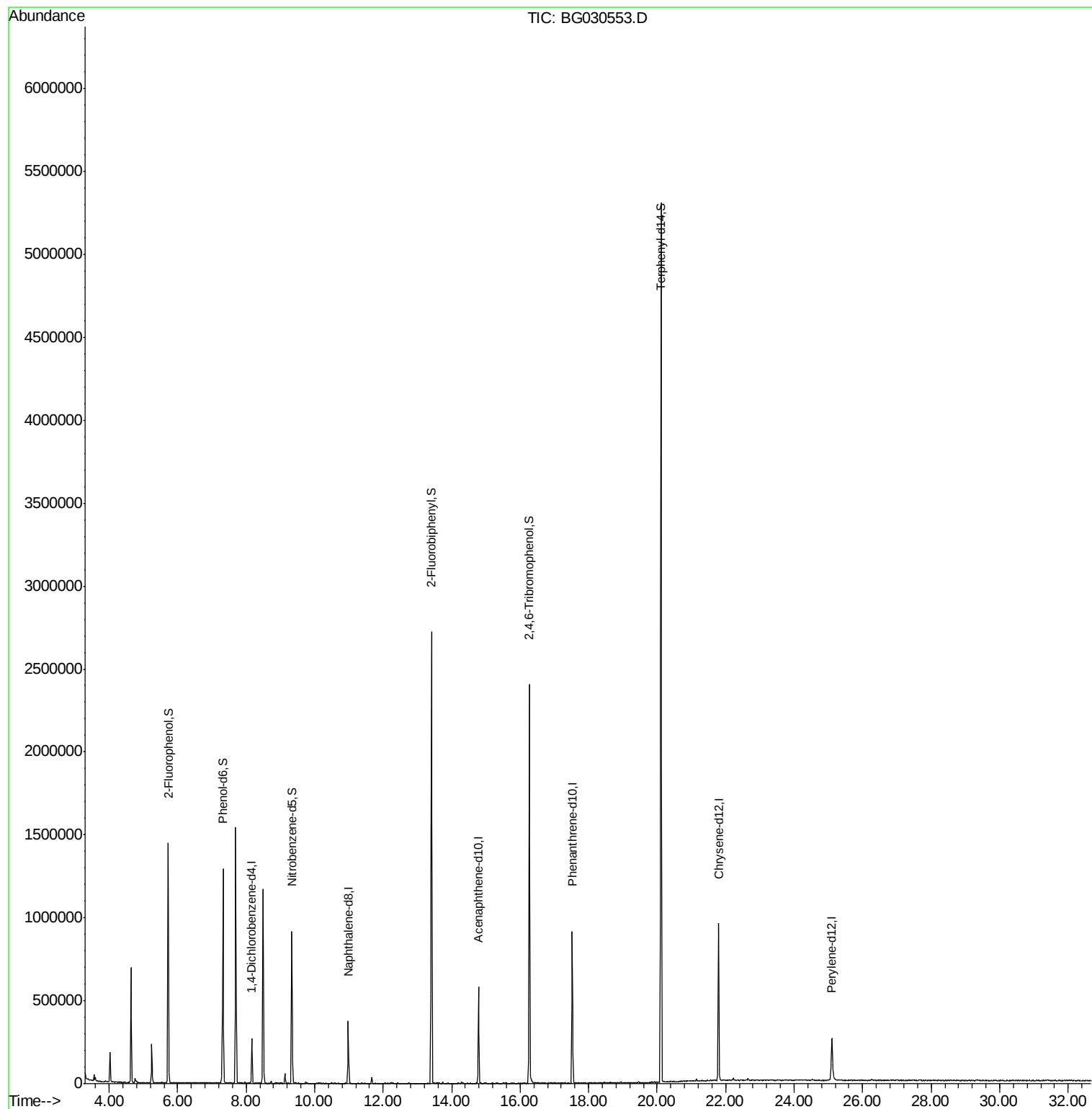
Target Compounds Qvalue

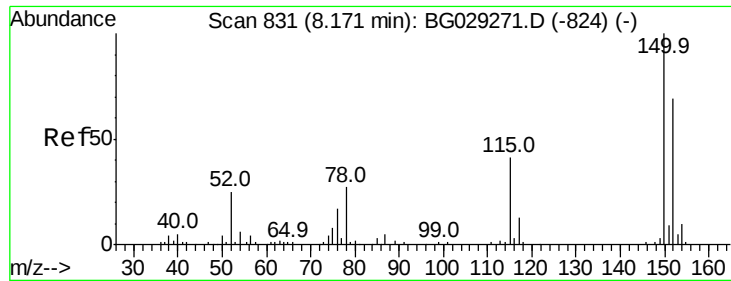
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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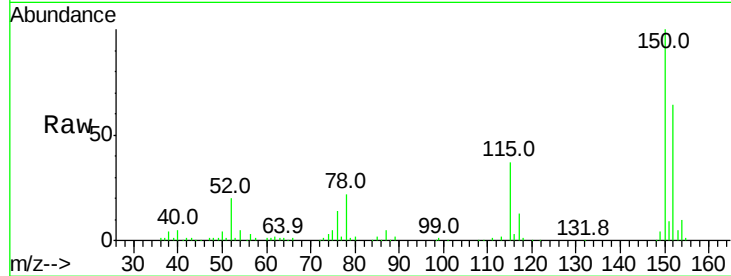


#1

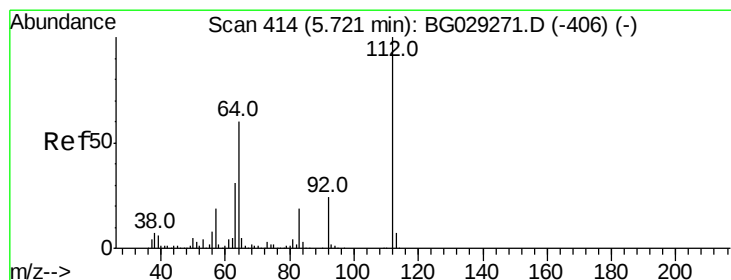
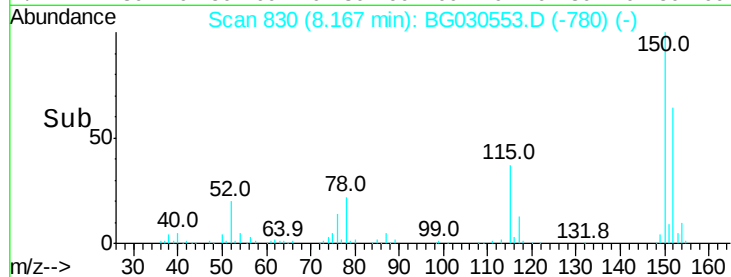
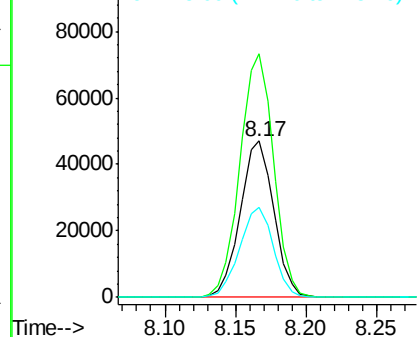
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030553.D
Acq: 29 Oct 2017 8:41

Instrument :
BNA_G
ClientSampleId :
WELLWOOD-CROSSING-EAST(0-3)

Tot Ion:152 Resp: 78238
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 57.5 53.0 79.4



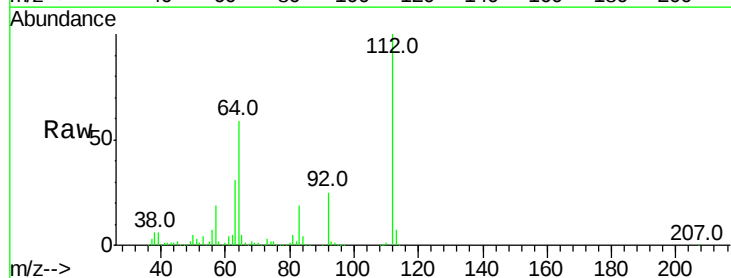
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



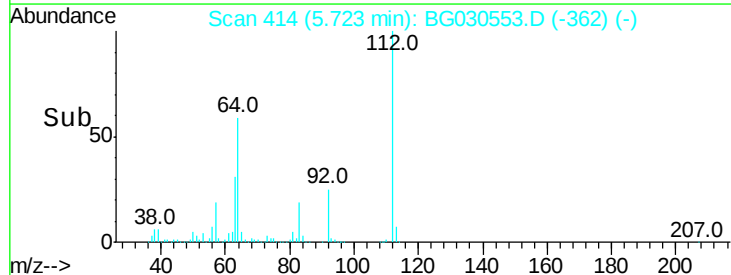
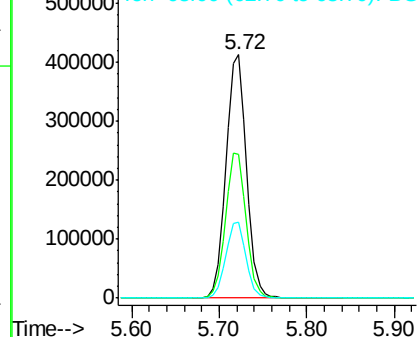
#5

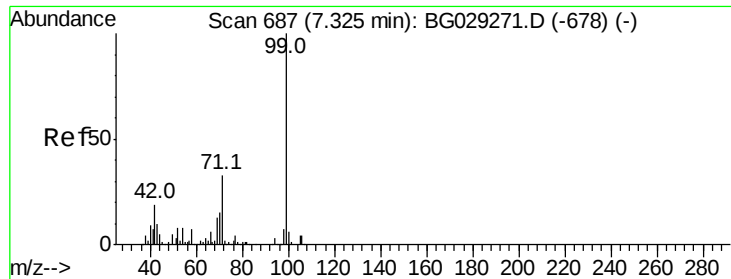
2-Fluorophenol
Concen: 142.508 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030553.D
Acq: 29 Oct 2017 8:41

Tgt Ion:112 Resp: 667415
Ion Ratio Lower Upper
112 100
64 59.0 56.3 84.5
63 31.3 30.1 45.1



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: 116.233 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030553.D

Acq: 29 Oct 2017 8:41

Instrument :

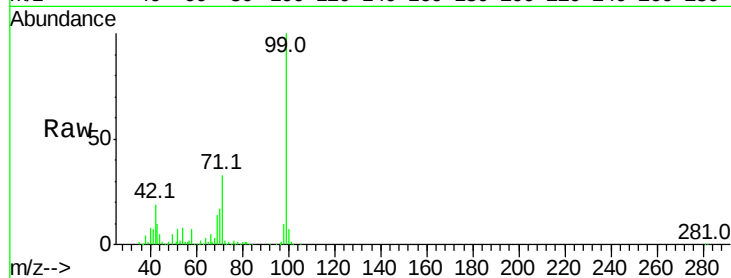
BNA_G

ClientSampleId :

WELLWOOD-CROSSING-EAST(0-3)

Tot Ion: 99 Resp: 764097

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	33.2	26.1	39.1

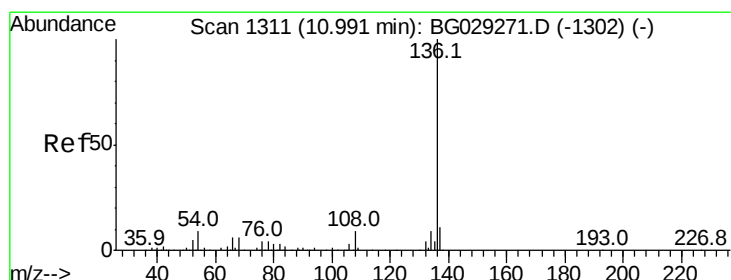
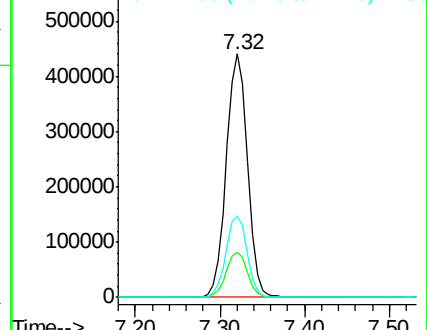
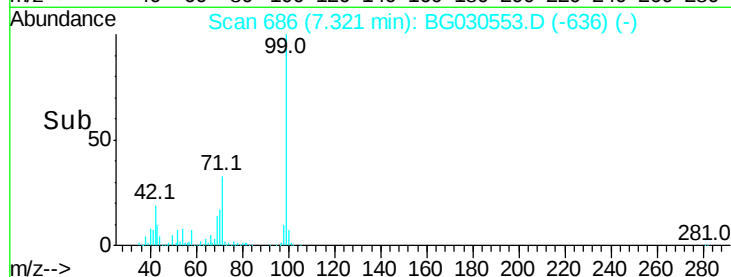


Abundance

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: 10.98 min Scan# 1309

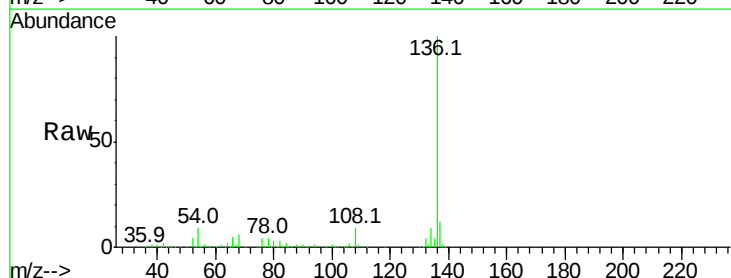
Delta R.T. -0.01 min

Lab File: BG030553.D

Acq: 29 Oct 2017 8:41

Tgt Ion: 136 Resp: 333871

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	8.5	10.3	15.5#
68	6.0	4.5	6.7



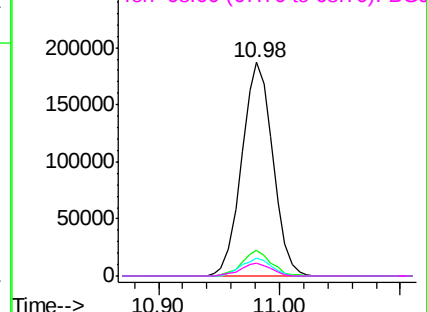
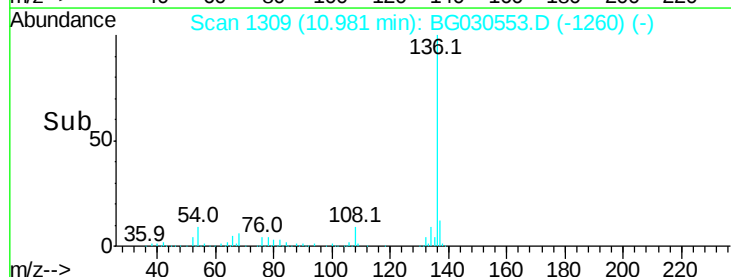
Abundance

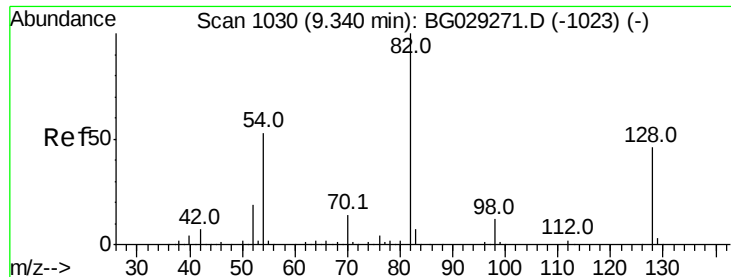
Ion 136.00 (135.70 to 136.70): BGC

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

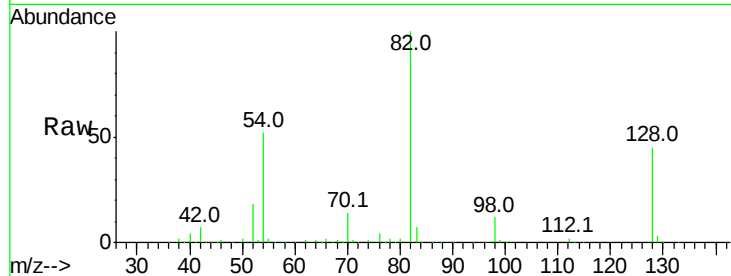




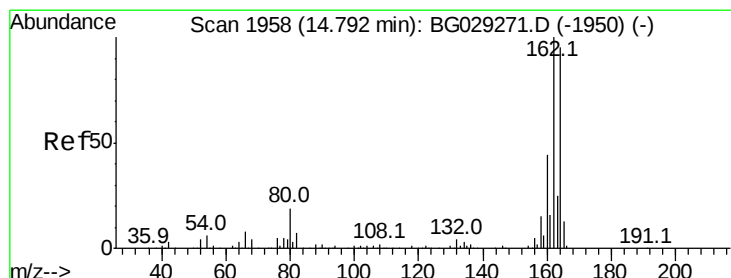
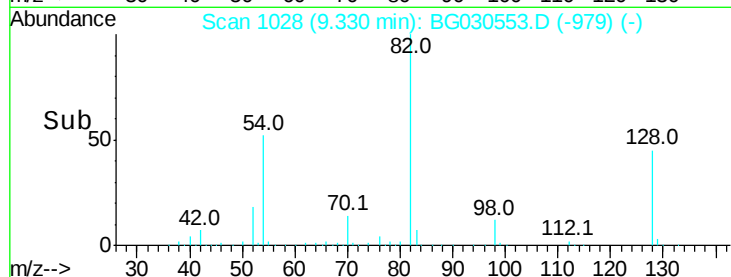
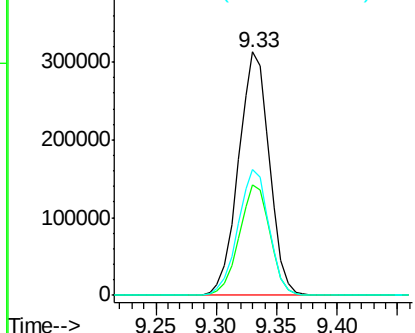
#23
Nitrobenzene-d5
Concen: 106.164 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030553.D
Acq: 29 Oct 2017 8:41

Instrument :
BNA_G
ClientSampleId :
WELLWOOD-CROSSING-EAST(0-3)

Tot Ion: 82 Resp: 557775
Ion Ratio Lower Upper
82 100
128 45.2 29.7 44.5#
54 51.7 43.1 64.7

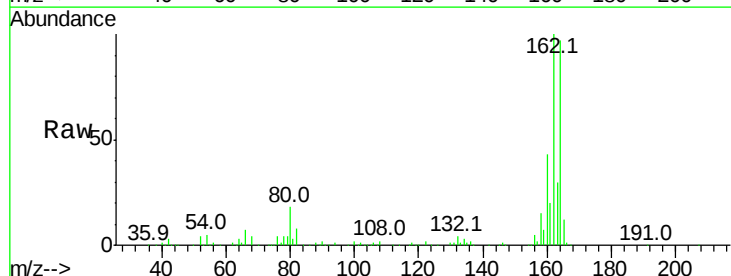


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

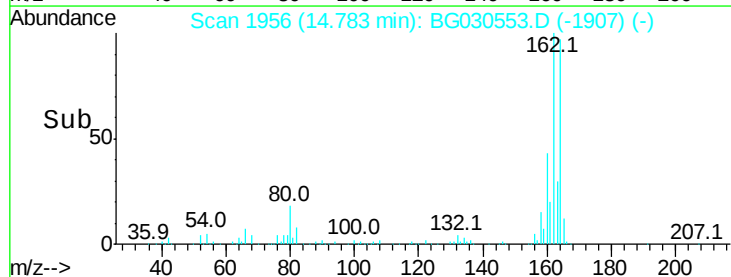
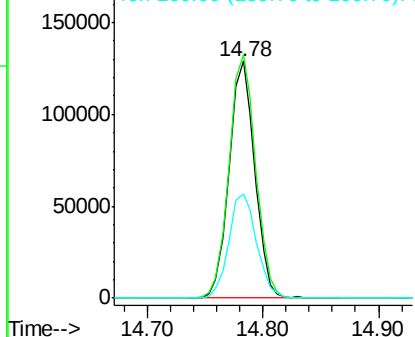


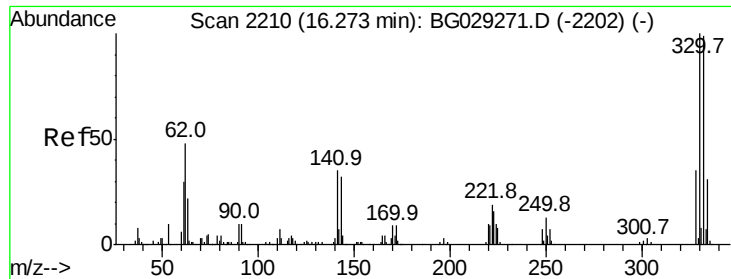
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030553.D
Acq: 29 Oct 2017 8:41

Tgt Ion:164 Resp: 197741
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 44.1 35.4 53.0



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: 194.030 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG030553.D

Acq: 29 Oct 2017 8:41

Instrument :

BNA_G

ClientSampleId :

WELLWOOD-CROSSING-EAST(0-3)

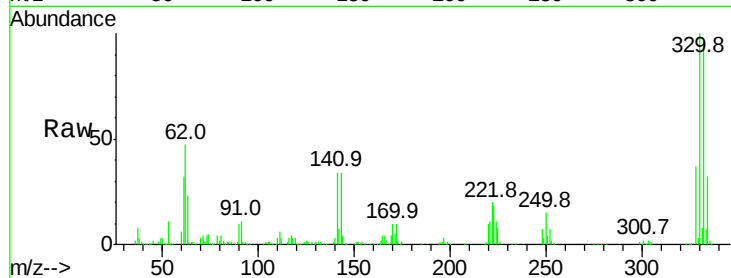
Tot Ion:330 Resp: 495365

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

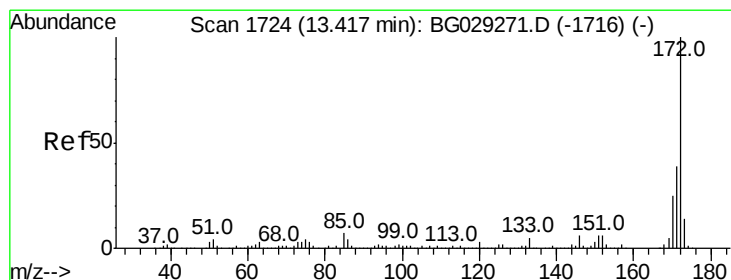
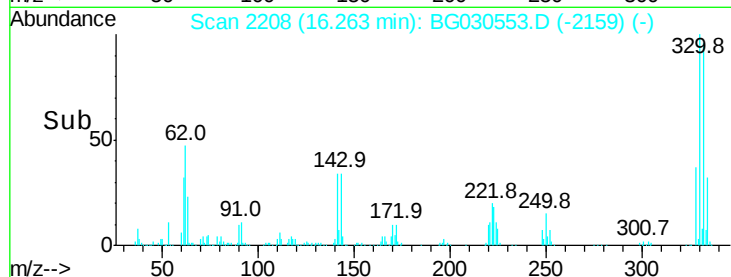
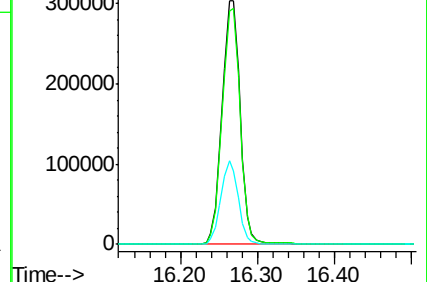
141 33.0 25.2 37.8



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: 106.971 ng

RT: 13.41 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BG030553.D

Acq: 29 Oct 2017 8:41

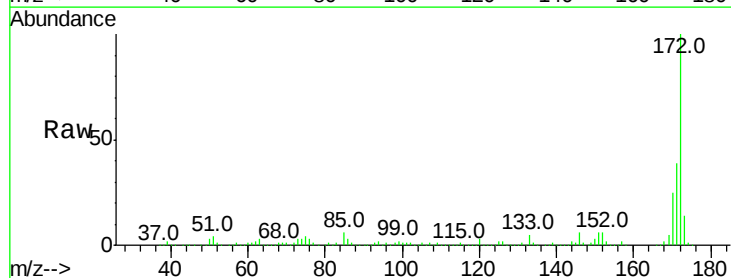
Tgt Ion:172 Resp: 1442231

Ion Ratio Lower Upper

172 100

171 38.9 30.0 45.0

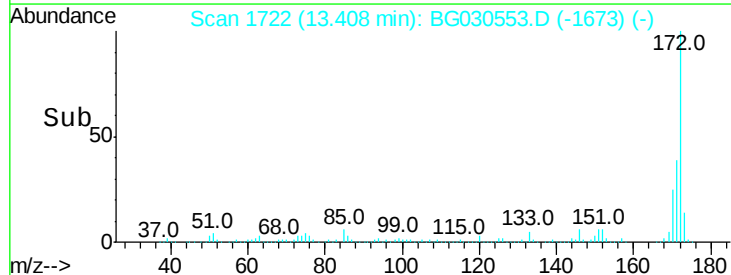
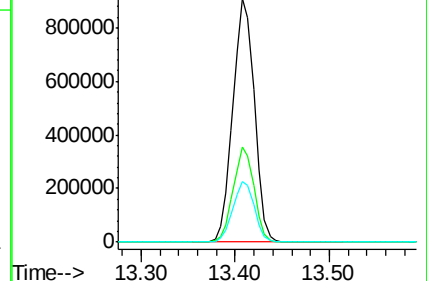
170 25.1 19.5 29.3

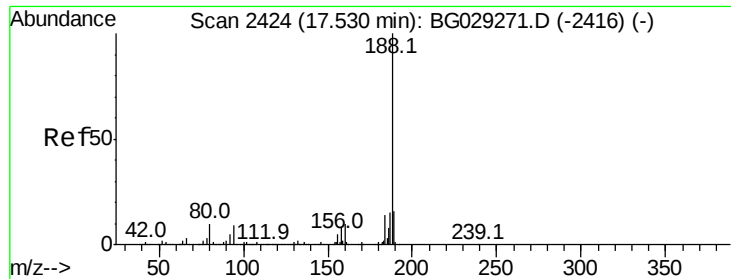


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG030553.D

Acq: 29 Oct 2017 8:41

Instrument :

BNA_G

ClientSampleId :

WELLWOOD-CROSSING-EAST(0-3)

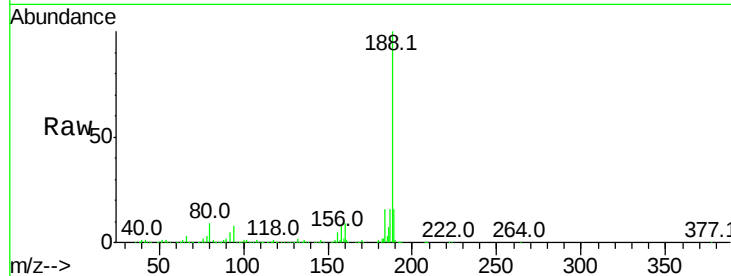
Tot Ion:188 Resp: 560430

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

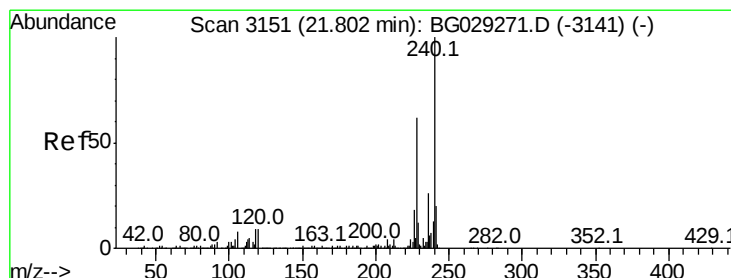
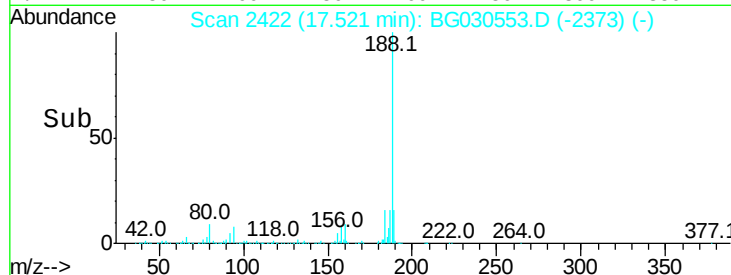
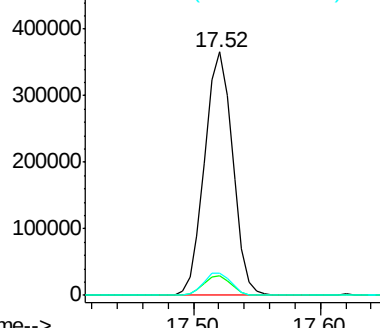
80 8.9 7.7 11.5



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: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG030553.D

Acq: 29 Oct 2017 8:41

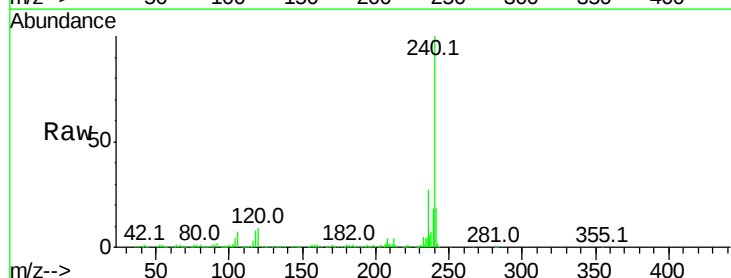
Tgt Ion:240 Resp: 581026

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

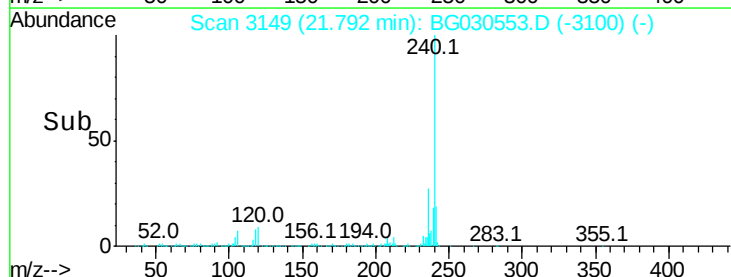
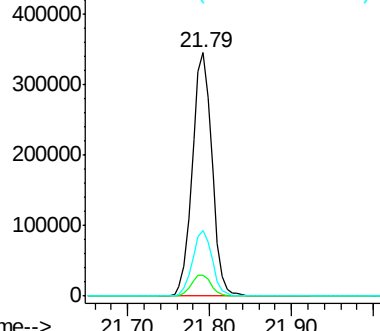
236 27.1 20.9 31.3

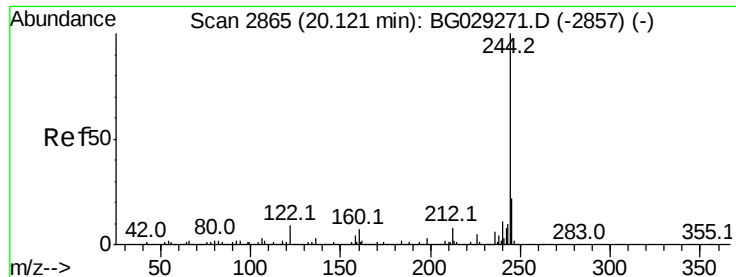


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.078 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030553.D

Acq: 29 Oct 2017 8:41

Instrument :

BNA_G

ClientSampleId :

WELLWOOD-CROSSING-EAST(0-3)

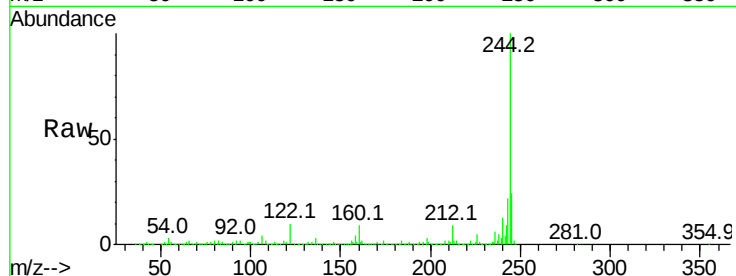
Tot Ion:244 Resp: 2402776

Ion Ratio Lower Upper

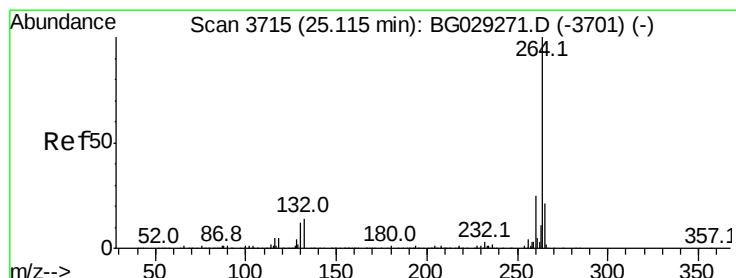
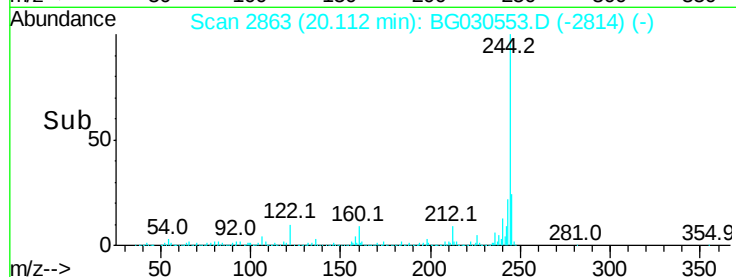
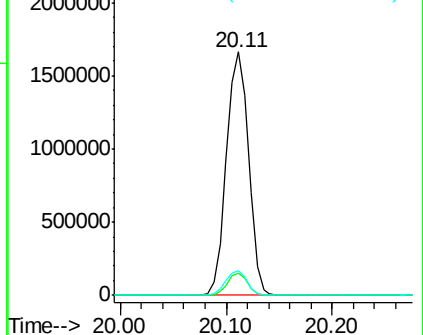
244 100

212 9.3 5.8 8.8#

122 10.3 7.0 10.4



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: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG030553.D

Acq: 29 Oct 2017 8:41

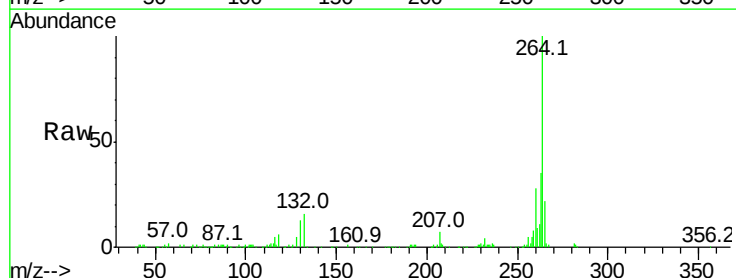
Tgt Ion:264 Resp: 235023

Ion Ratio Lower Upper

264 100

260 28.2 17.4 26.0#

265 22.2 17.7 26.5



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

