

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
 Data File : BG040331.D
 Acq On : 3 Apr 2019 18:25
 Operator : JU/SJ
 Sample : PB118462BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BL

Quant Time: Apr 04 02:03:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60186	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	233312	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	145558	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	380127	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	421695	20.00	ng	-0.03
87) Perylene-d12	24.98	264	420864	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	420882	116.25	ng	-0.02
7) Phenol-d6	7.20	99	558296	111.58	ng	-0.02
23) Nitrobenzene-d5	9.22	82	329273	75.02	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	201252	127.93	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	761064	77.48	ng	-0.02
79) Terphenyl-d14	20.03	244	1331865	71.05	ng	-0.02

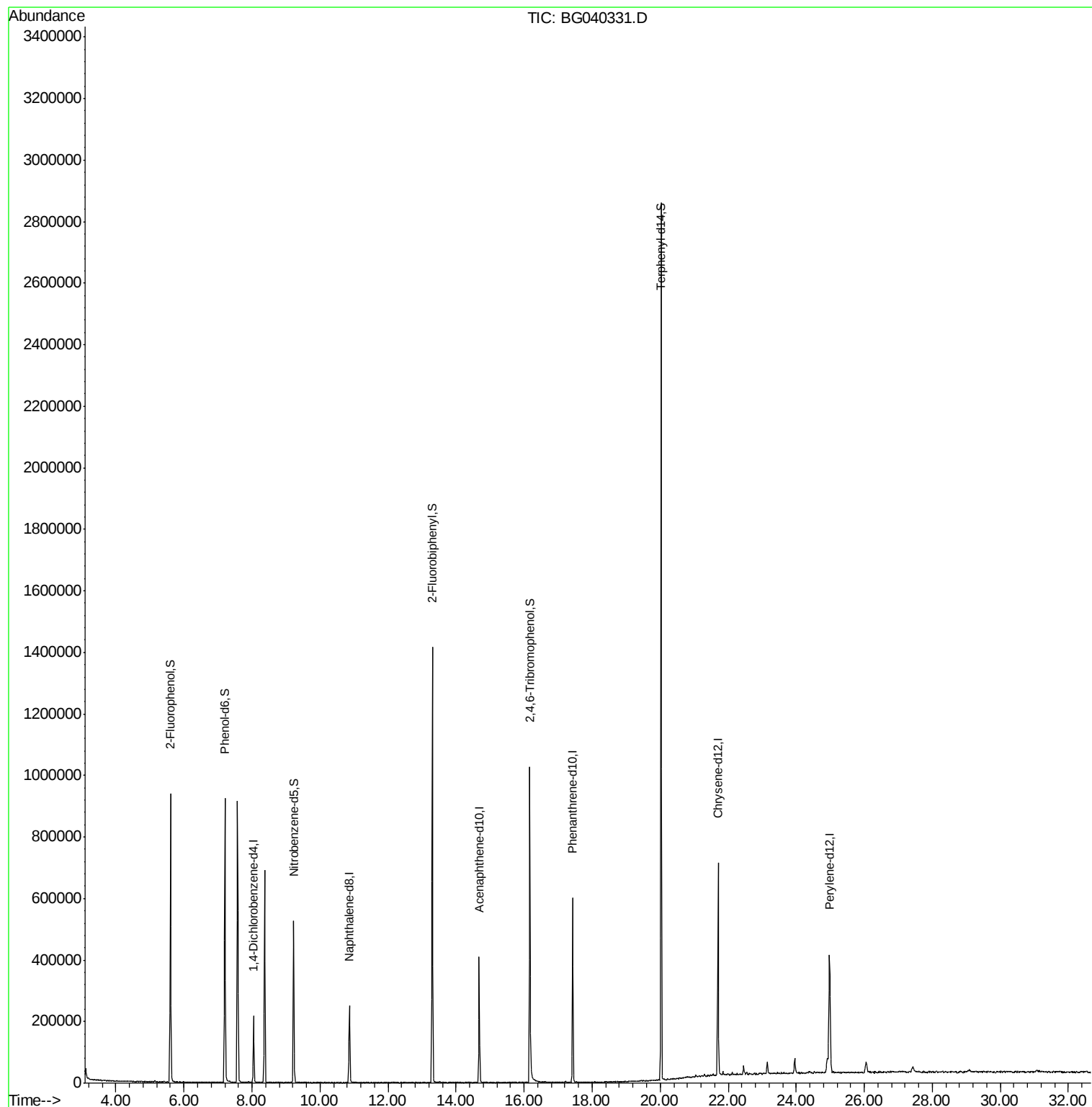
Target Compounds	Qvalue
------------------	--------

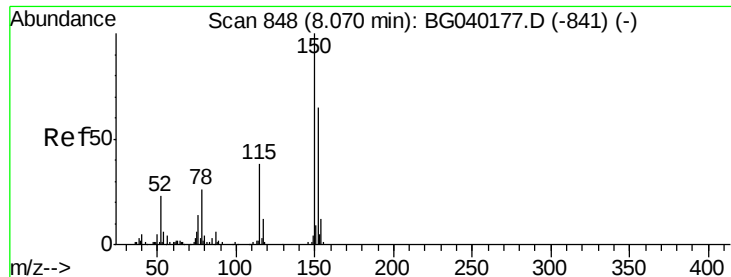
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040331.D
Acq On : 3 Apr 2019 18:25
Operator : JU/SJ
Sample : PB118462BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118462BL

Quant Time: Apr 04 02:03:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



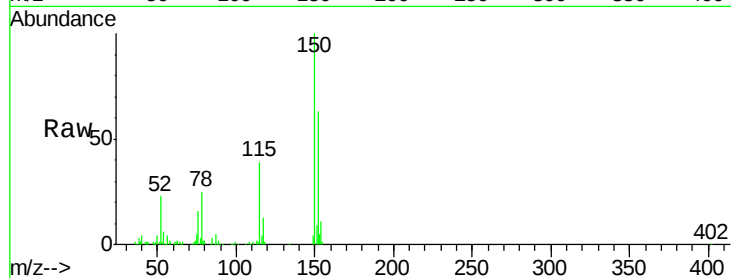


#1

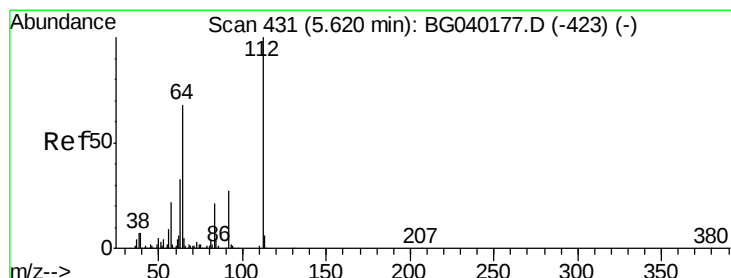
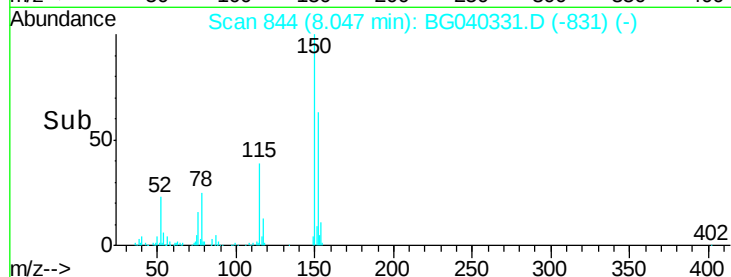
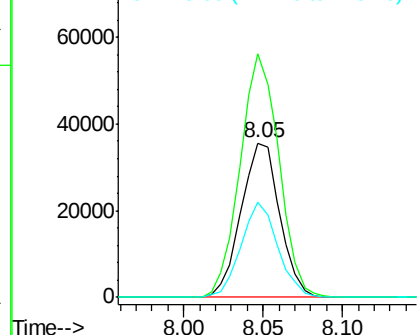
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Instrument :
BNA_G
ClientSampleId :
PB118462BL

Tgt Ion:152 Resp: 60186
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 61.7 46.9 70.3



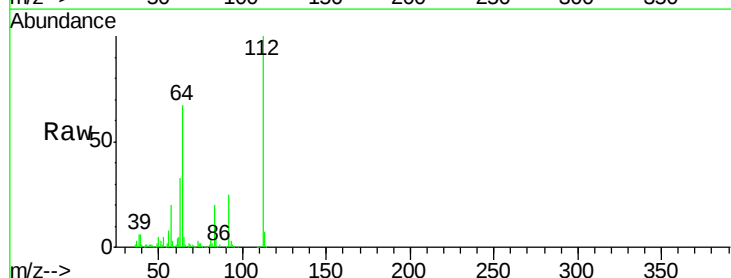
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



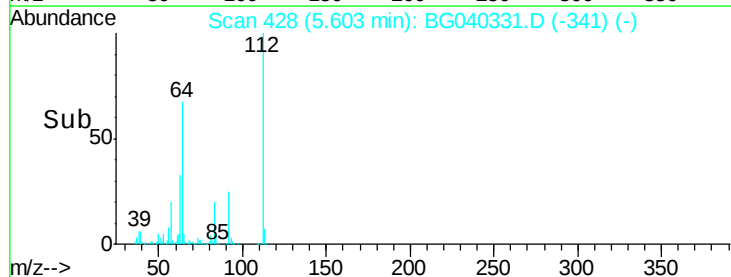
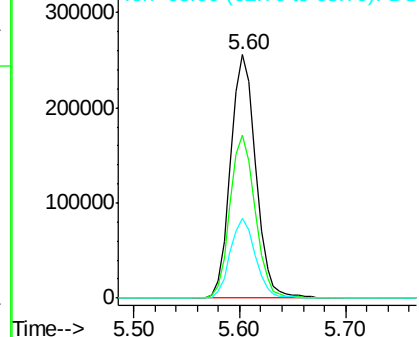
#5

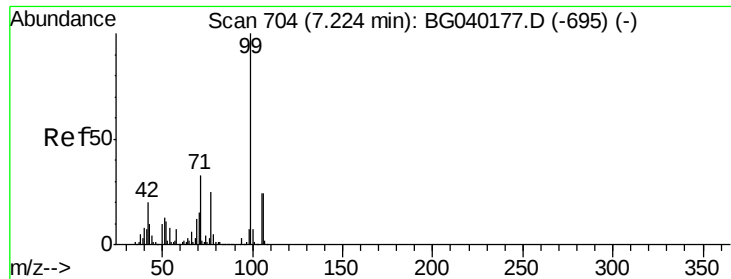
2-Fluorophenol
Concen: 116.253 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Tgt Ion:112 Resp: 420882
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.2
63 32.5 26.4 39.6



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: 111.582 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118462BL

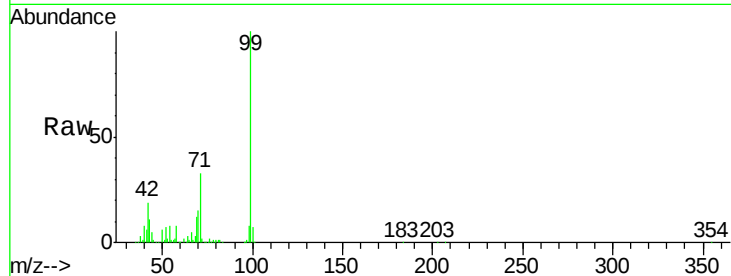
Tgt Ion: 99 Resp: 558296

Ion Ratio Lower Upper

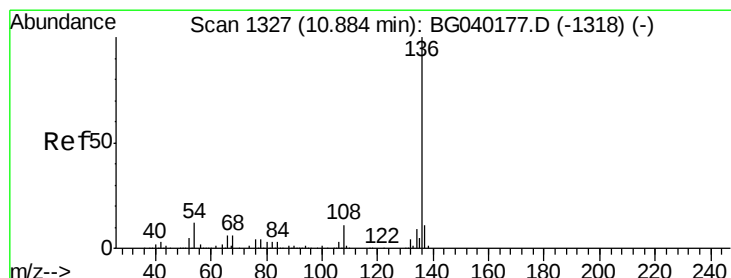
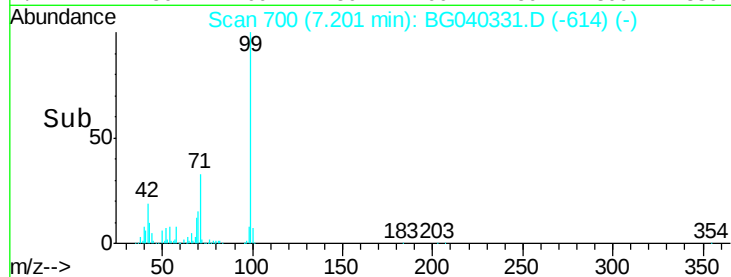
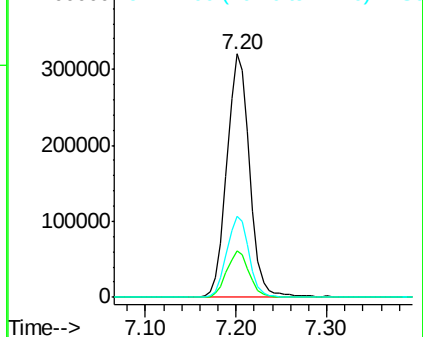
99 100

42 19.2 16.2 24.2

71 33.2 26.8 40.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

Tgt Ion: 136 Resp: 233312

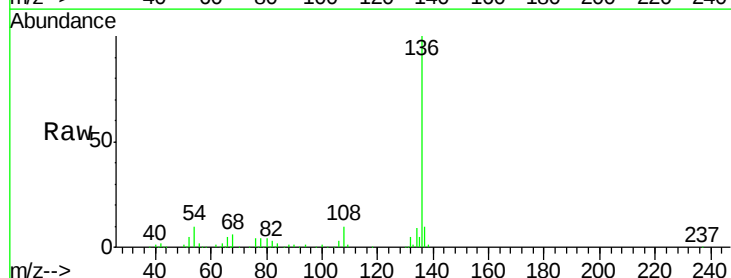
Ion Ratio Lower Upper

136 100

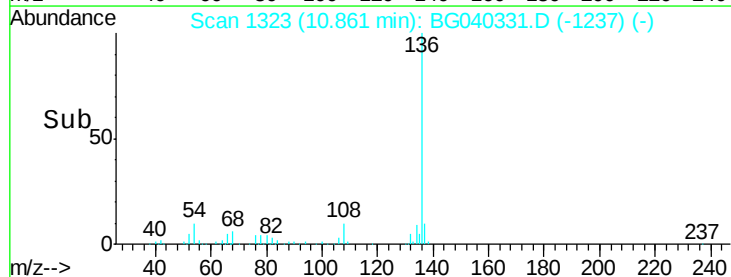
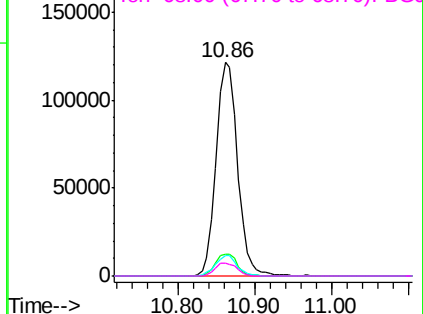
137 10.5 8.9 13.3

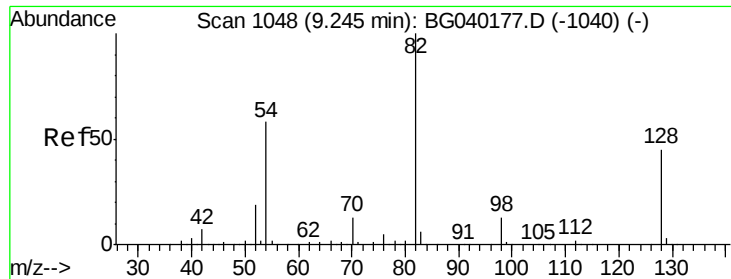
54 9.5 9.6 14.4#

68 6.0 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

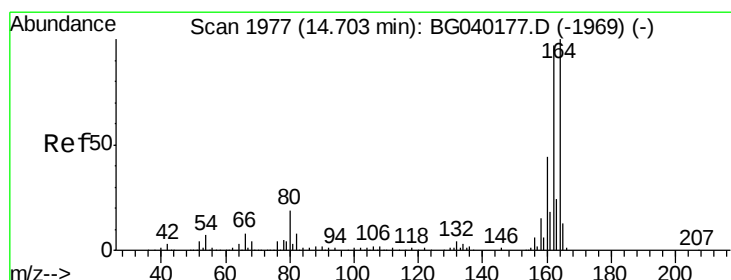
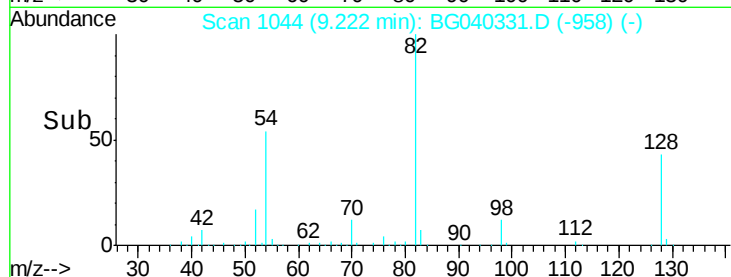
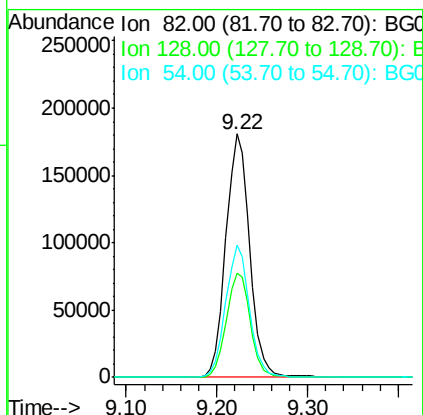
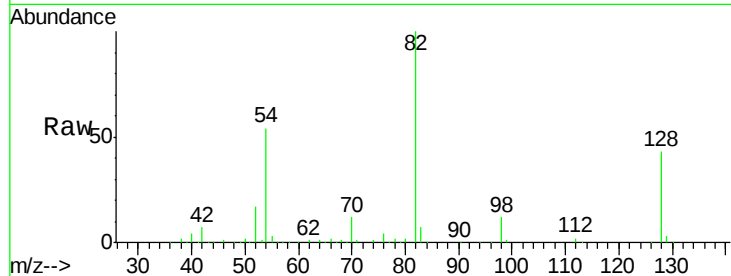




#23
Nitrobenzene-d5
Concen: 75.015 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

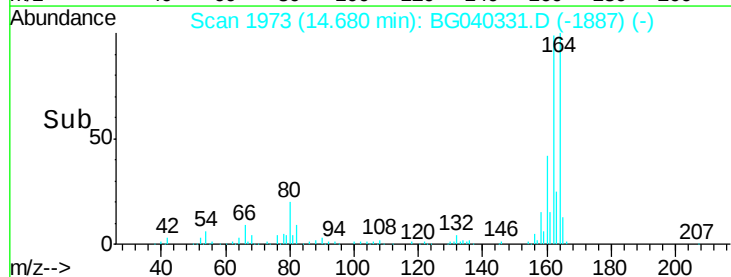
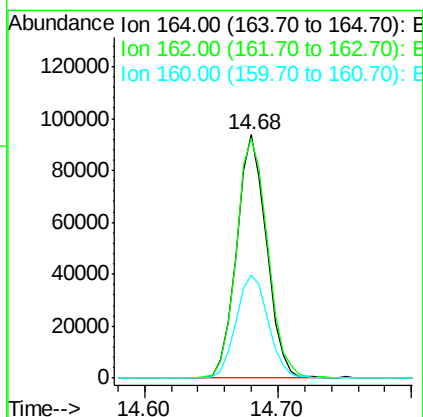
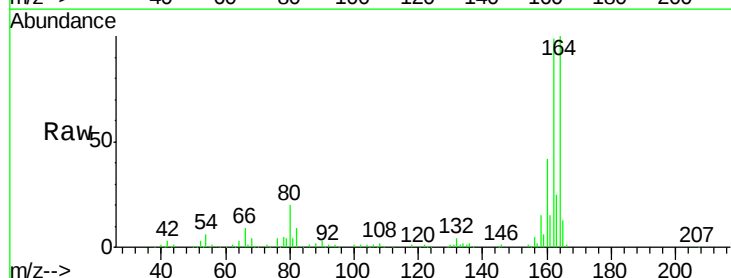
Instrument :
BNA_G
ClientSampleId :
PB118462BL

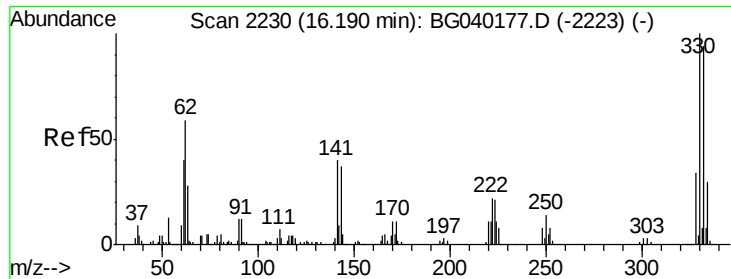
Tgt Ion: 82 Resp: 329273
Ion Ratio Lower Upper
82 100
128 42.8 35.8 53.8
54 54.1 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040331.D
Acq: 3 Apr 2019 18:25

Tgt Ion: 164 Resp: 145558
Ion Ratio Lower Upper
164 100
162 98.7 77.4 116.2
160 42.4 35.3 52.9

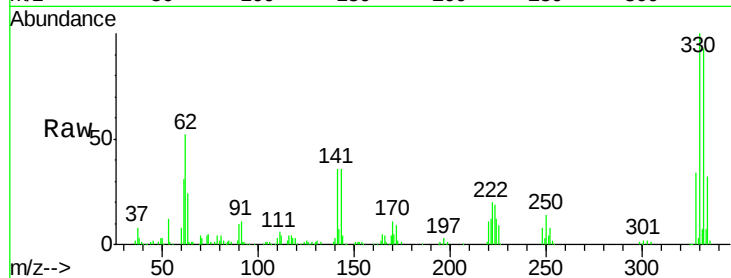




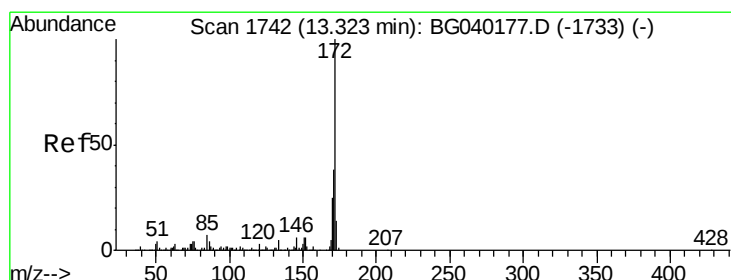
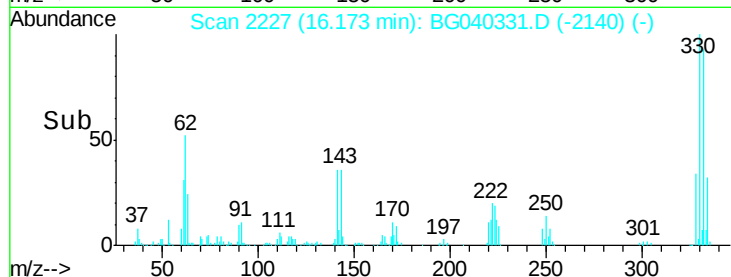
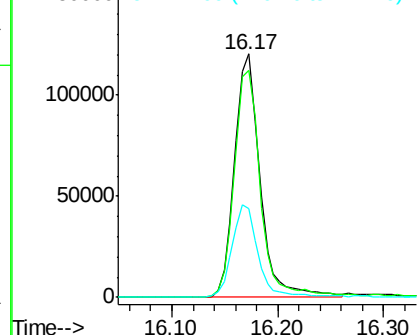
#42
 2,4,6-Tribromophenol
 Concen: 127.933 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040331.D
 Acq: 3 Apr 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 PB118462BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	38.5	32.6	48.8

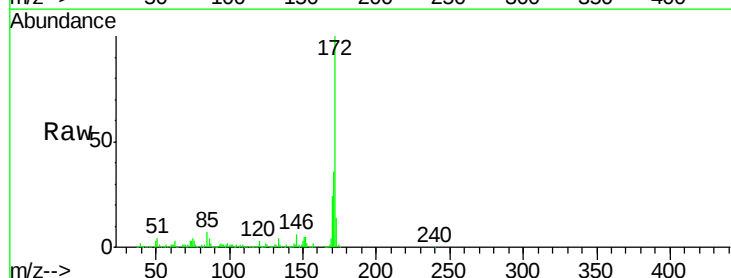


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

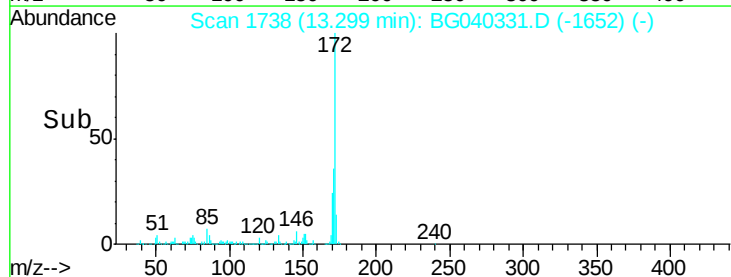
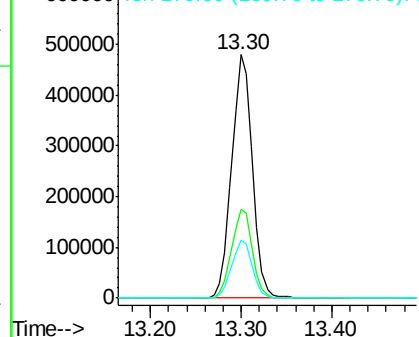


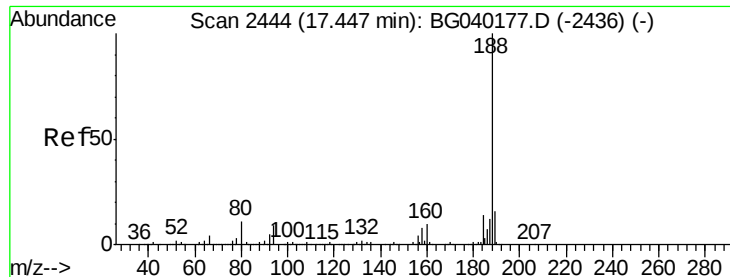
#45
 2-Fluorobiphenyl
 Concen: 77.475 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040331.D
 Acq: 3 Apr 2019 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	23.9	20.1	30.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118462BL

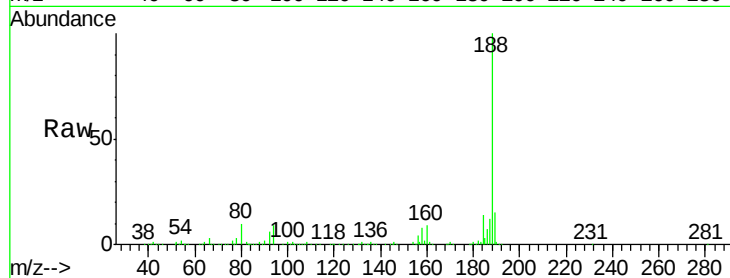
Tgt Ion:188 Resp: 380127

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

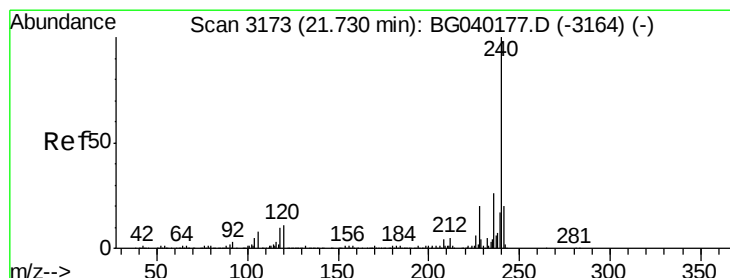
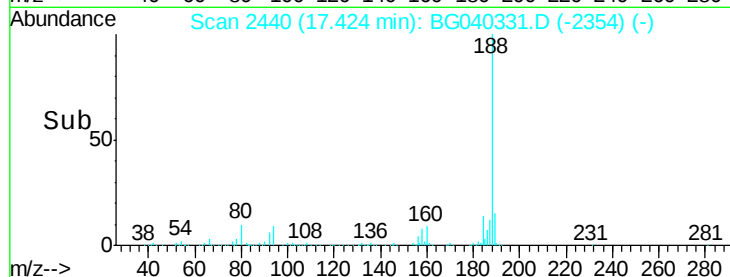
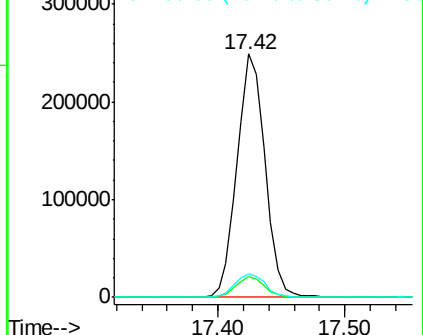
80 9.5 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

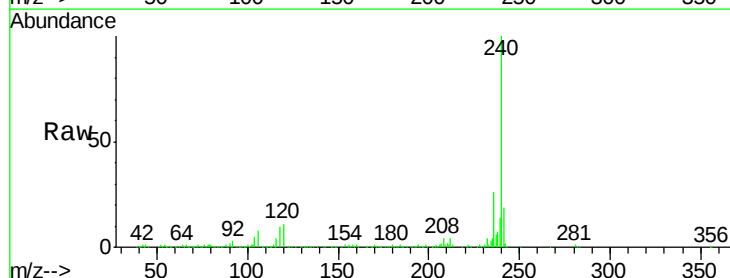
Tgt Ion:240 Resp: 421695

Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

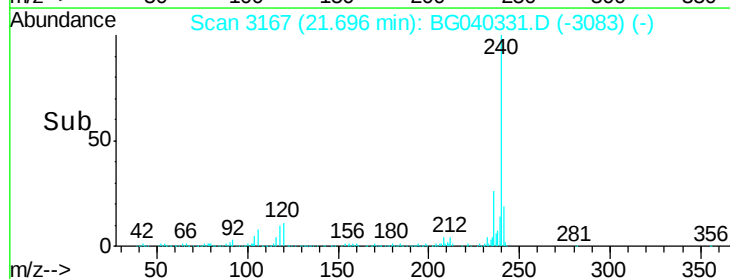
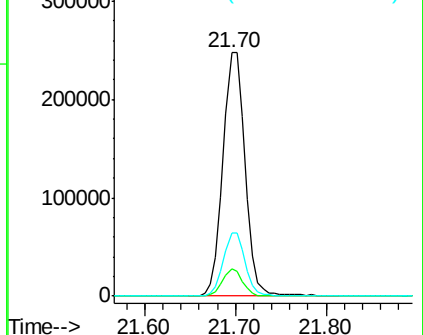
236 25.9 20.8 31.2

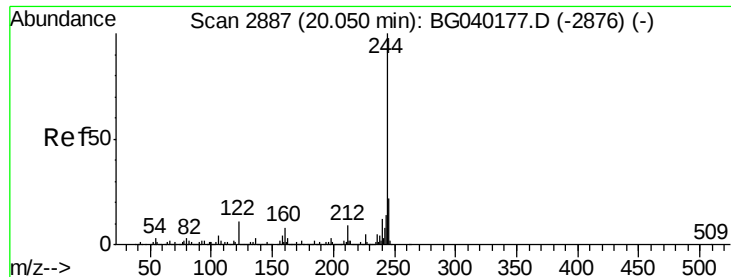


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.052 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

Instrument :

BNA_G

ClientSampleId :

PB118462BL

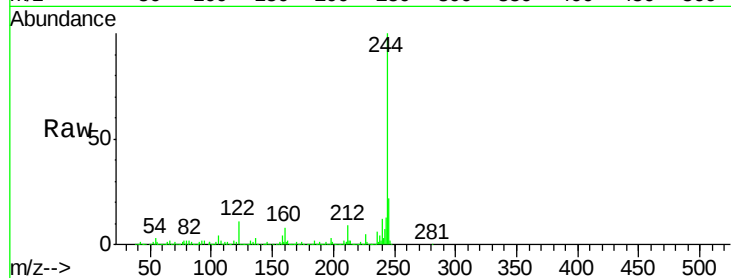
Tgt Ion:244 Resp: 1331865

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

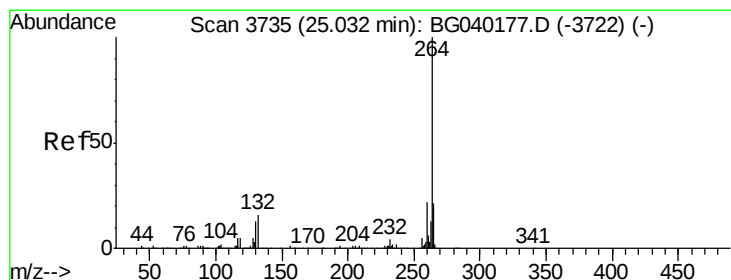
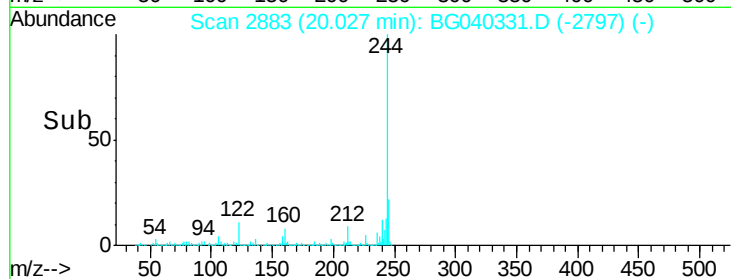
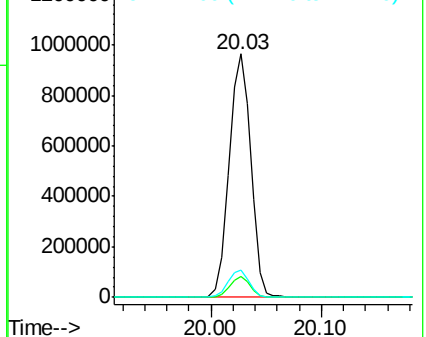
122 11.2 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040331.D

Acq: 3 Apr 2019 18:25

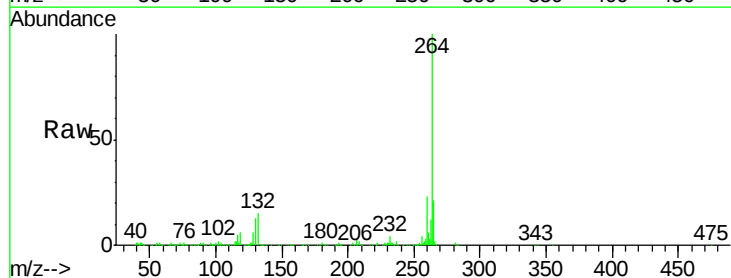
Tgt Ion:264 Resp: 420864

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 21.3 16.8 25.2



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

