

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042842.D
 Acq On : 16 Sep 2019 9:35
 Operator : HP/JU
 Sample : PB123104BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BL

Quant Time: Sep 17 02:05:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	82190	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	319008	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	241397	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	610641	20.00	ng	0.00
76) Chrysene-d12	21.75	240	659211	20.00	ng	0.00
87) Perylene-d12	25.03	264	687268	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	529590	112.02	ng	0.00
7) Phenol-d6	7.27	99	788246	116.17	ng	0.00
23) Nitrobenzene-d5	9.27	82	475016	77.52	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	375979	117.07	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1144487	75.05	ng	0.00
79) Terphenyl-d14	20.09	244	2231146	75.01	ng	0.00

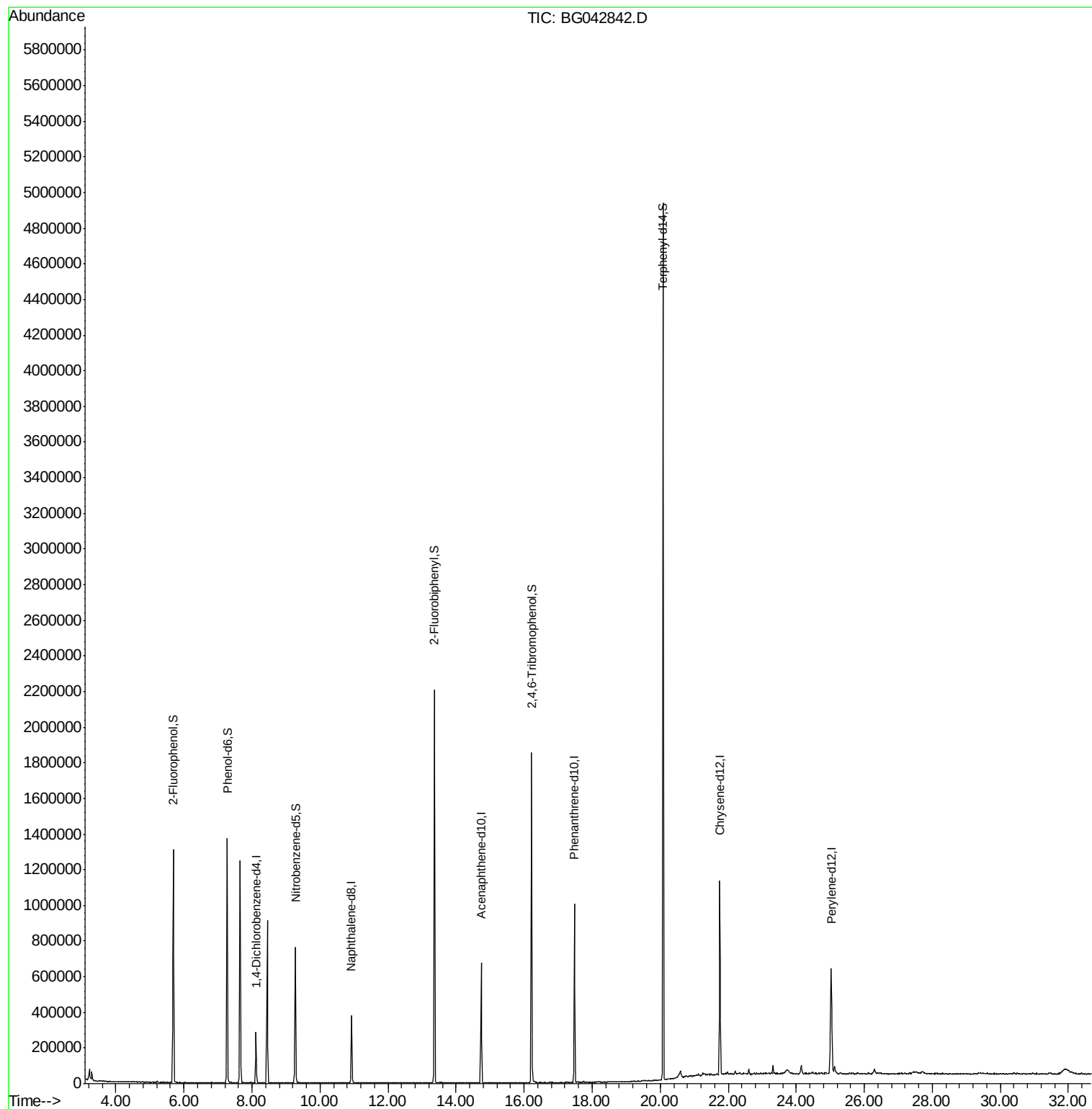
Target Compounds Qvalue

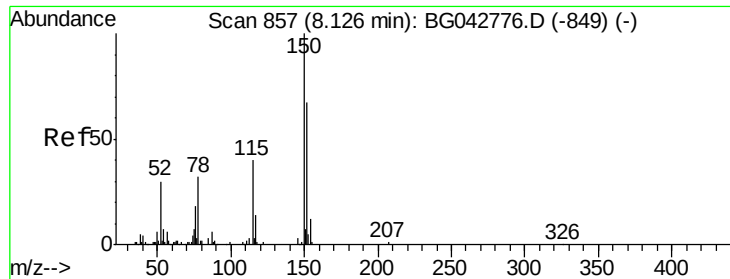
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042842.D
Acq On : 16 Sep 2019 9:35
Operator : HP/JU
Sample : PB123104BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123104BL

Quant Time: Sep 17 02:05:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



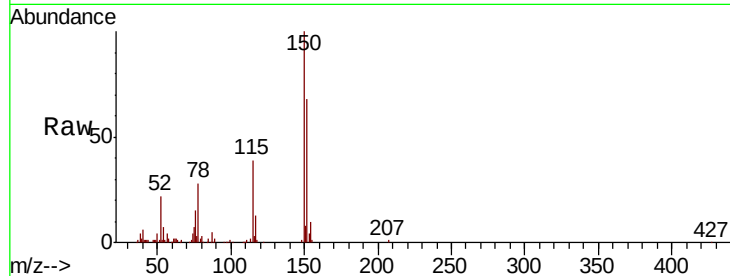


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Instrument :
BNA_G
ClientSampleId :
PB123104BL

Tot Ion	152	Resp	82190
Ion Ratio	Lower	Upper	
152	100		
150	147.5	118.9	178.3
115	58.0	47.4	71.2

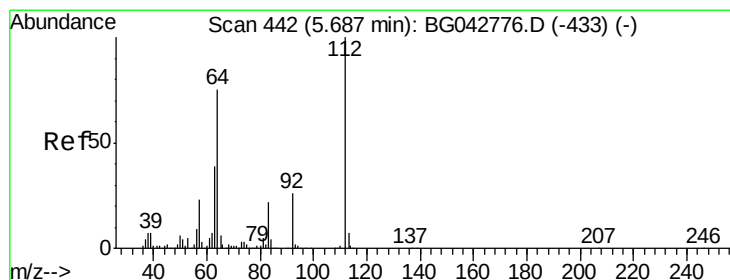
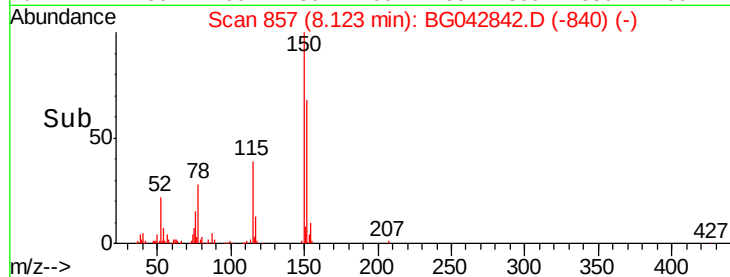
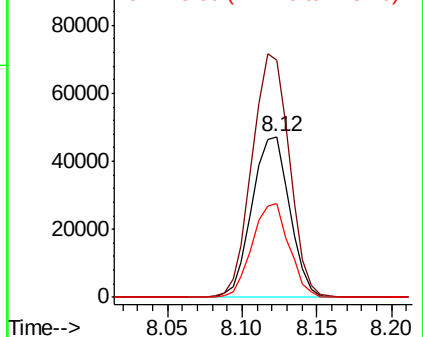


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

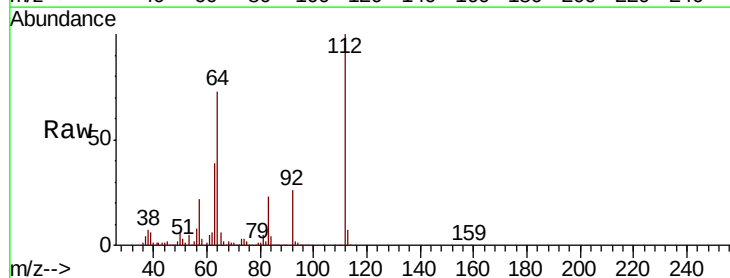
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.023 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Tgt Ion	112	Resp	529590
Ion Ratio	Lower	Upper	
112	100		
64	73.0	60.2	90.2
63	39.1	31.2	46.8

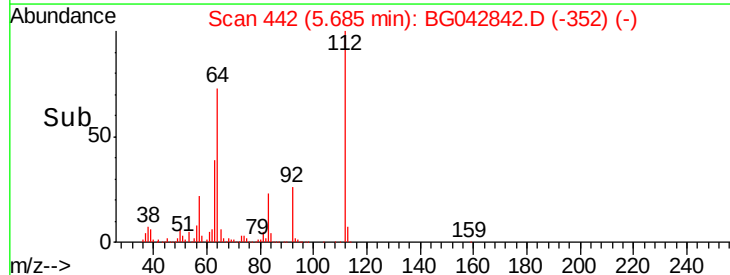
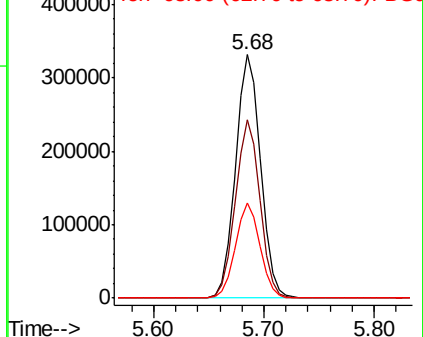


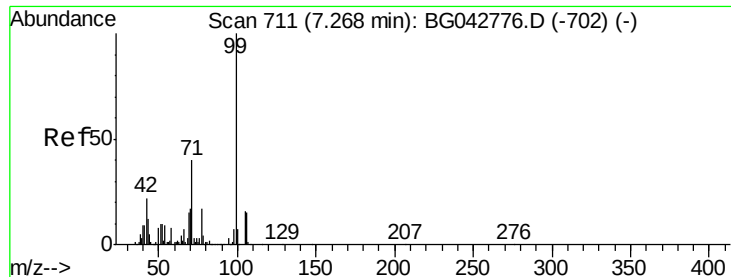
Abundance

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: 116.165 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

Instrument :

BNA_G

ClientSampleId :

PB123104BL

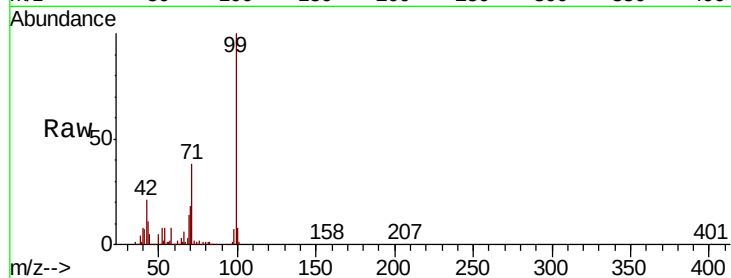
Tot Ion: 99 Resp: 788246

Ion Ratio Lower Upper

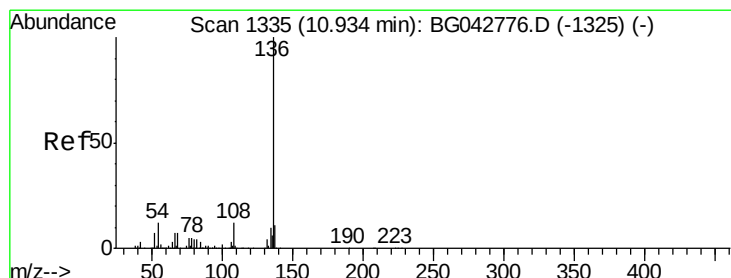
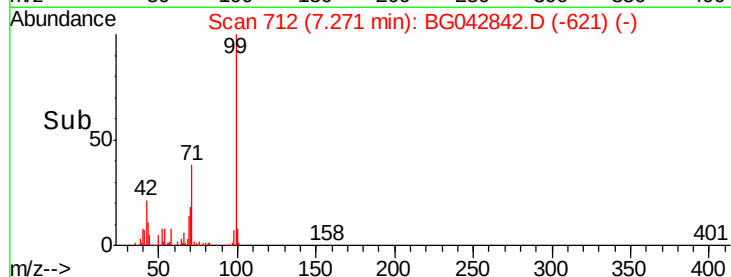
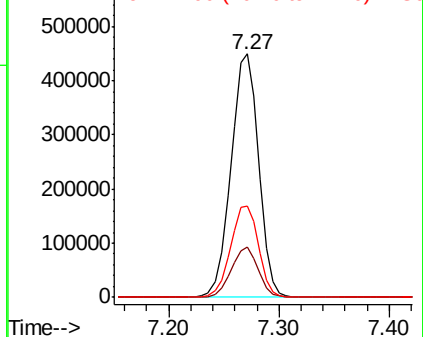
99 100

42 20.6 17.5 26.3

71 37.7 32.0 48.0



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: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

Tgt Ion: 136 Resp: 319008

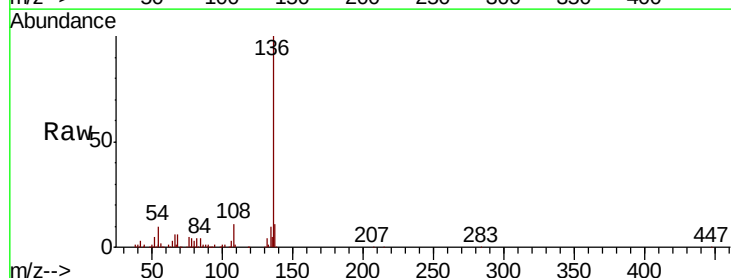
Ion Ratio Lower Upper

136 100

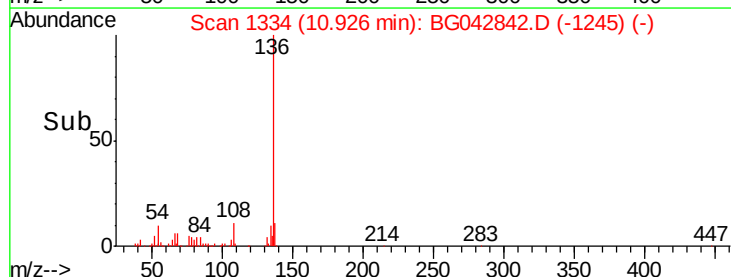
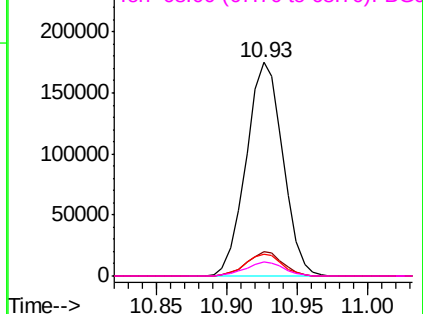
137 11.5 9.0 13.6

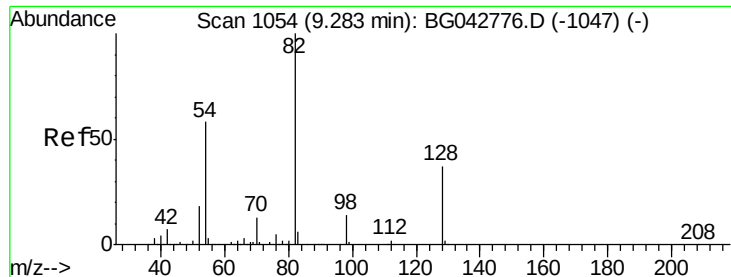
54 10.4 9.4 14.0

68 6.3 5.4 8.2



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: 77.523 ng

RT: 9.27 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

Instrument :

BNA_G

ClientSampleId :

PB123104BL

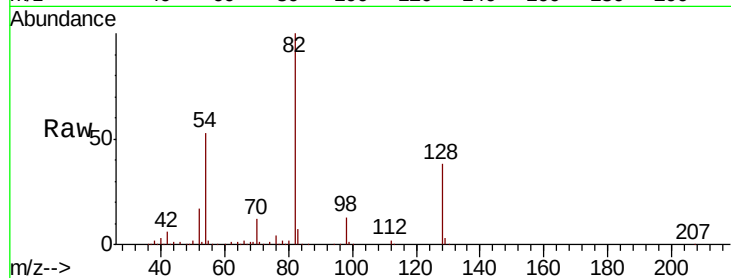
Tot Ion: 82 Resp: 475016

Ion Ratio Lower Upper

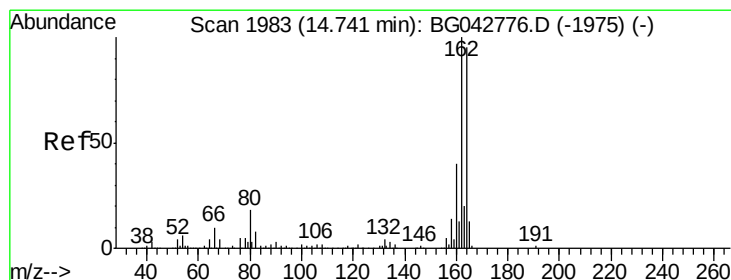
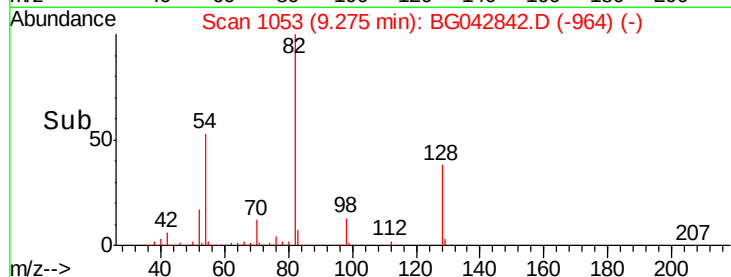
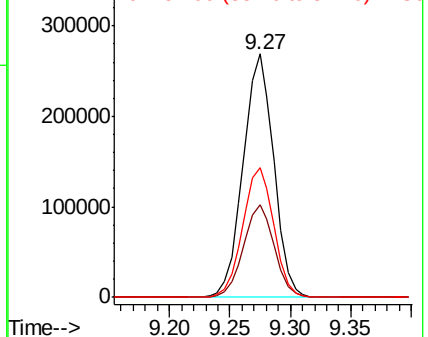
82 100

128 37.8 29.8 44.8

54 53.1 46.1 69.1



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

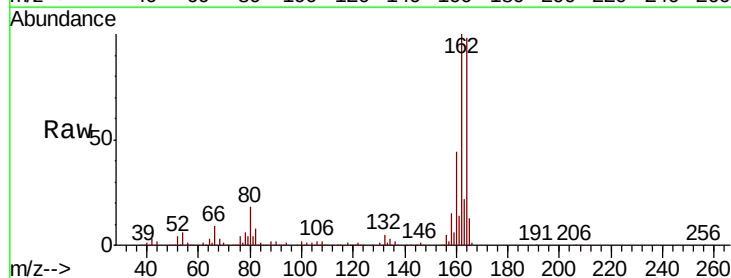
Tgt Ion: 164 Resp: 241397

Ion Ratio Lower Upper

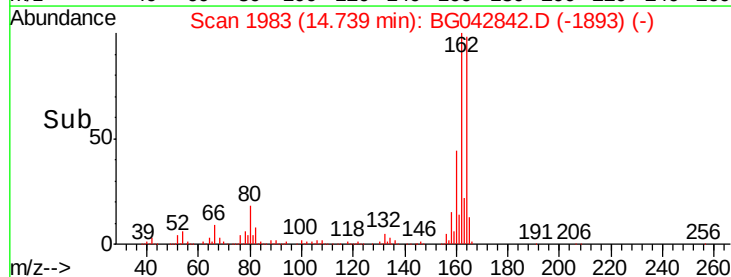
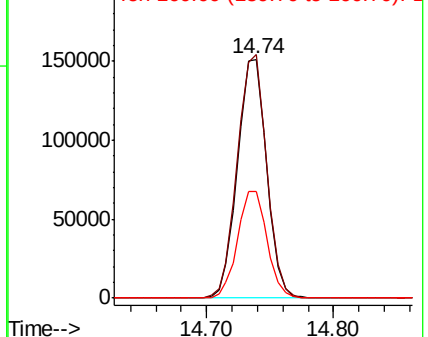
164 100

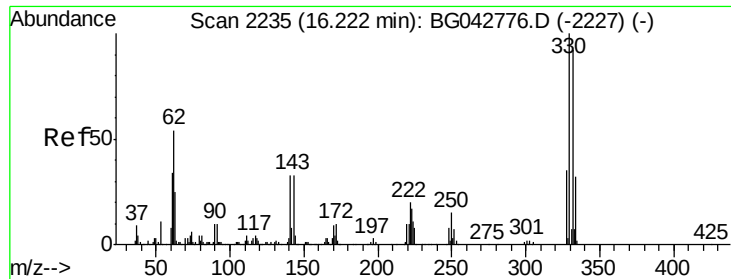
162 101.8 84.6 126.8

160 44.6 34.2 51.2



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





#42

2,4,6-Tribromophenol

Concen: 117.069 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

Instrument :

BNA_G

ClientSampleId :

PB123104BL

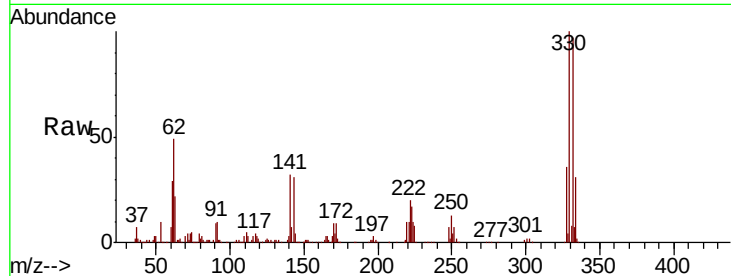
Tot Ion:330 Resp: 375979

Ion Ratio Lower Upper

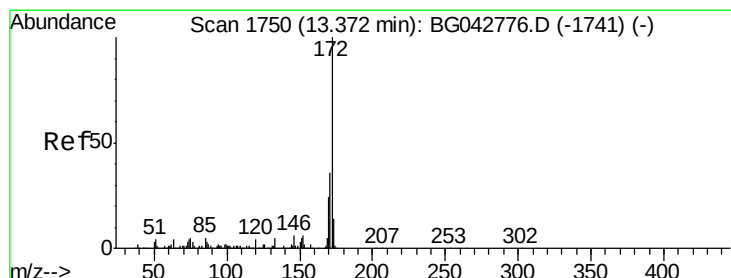
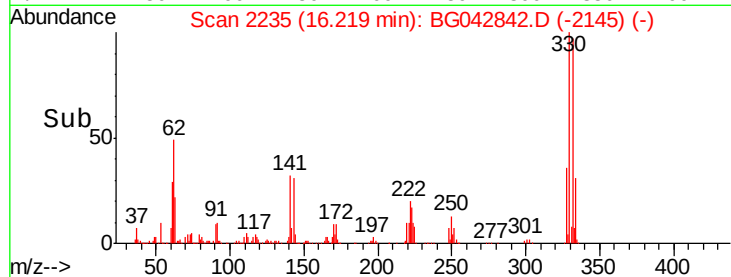
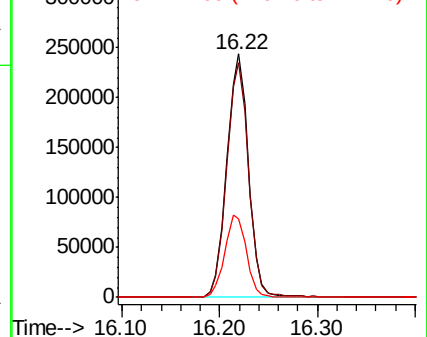
330 100

332 97.5 76.7 115.1

141 34.1 27.0 40.6



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: 75.048 ng

RT: 13.36 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

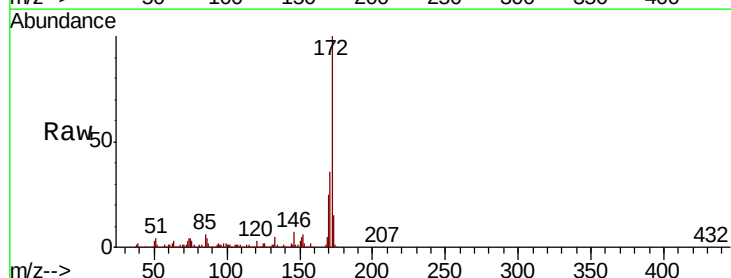
Tgt Ion:172 Resp: 1144487

Ion Ratio Lower Upper

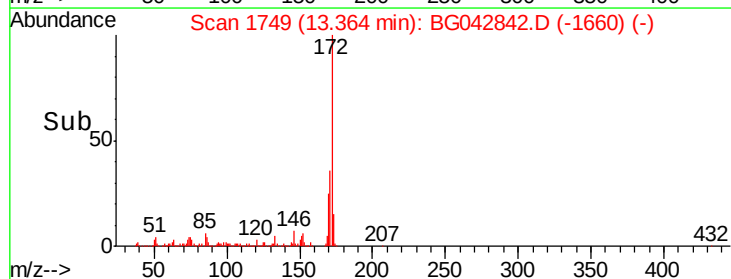
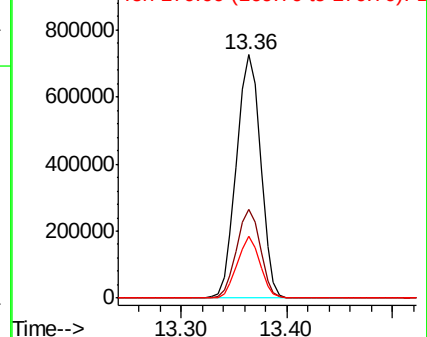
172 100

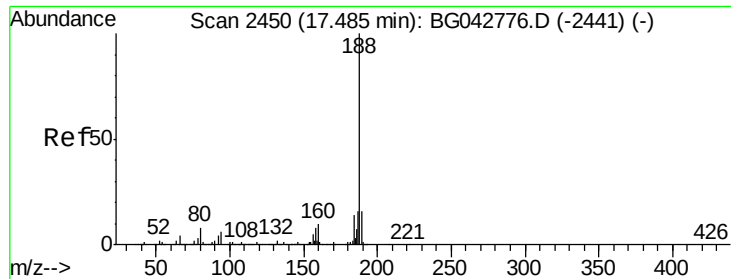
171 36.4 28.9 43.3

170 25.3 19.1 28.7



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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

Instrument :

BNA_G

ClientSampleId :

PB123104BL

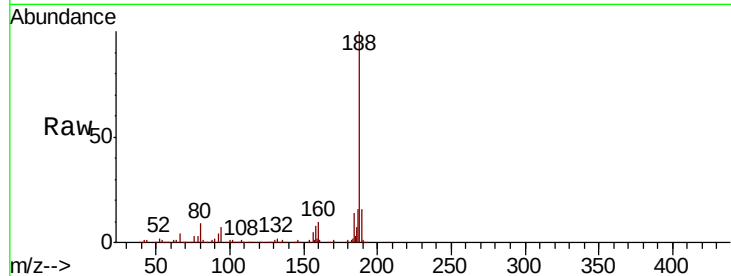
Tot Ion:188 Resp: 610641

Ion Ratio Lower Upper

188 100

94 7.1 4.8 7.2

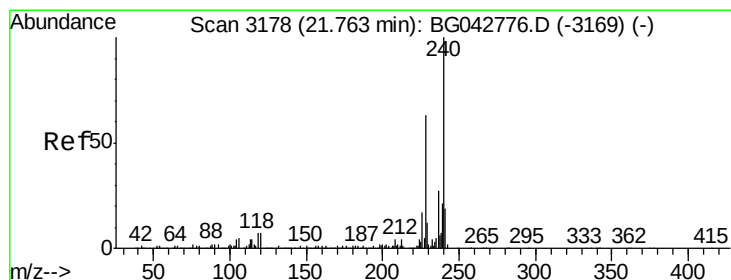
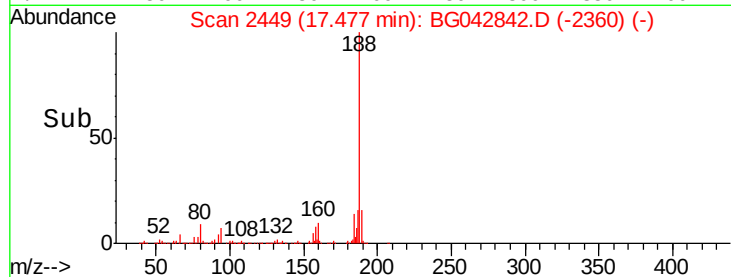
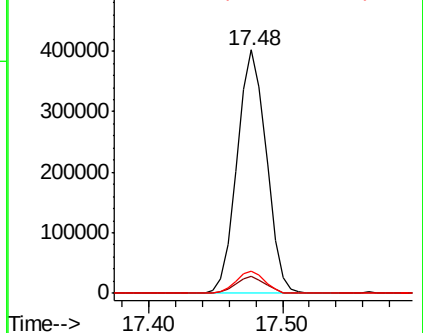
80 9.1 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

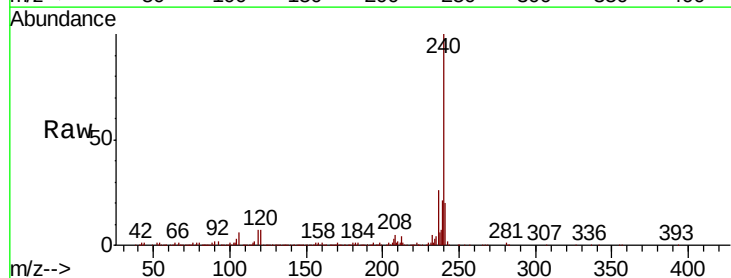
Tgt Ion:240 Resp: 659211

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.2

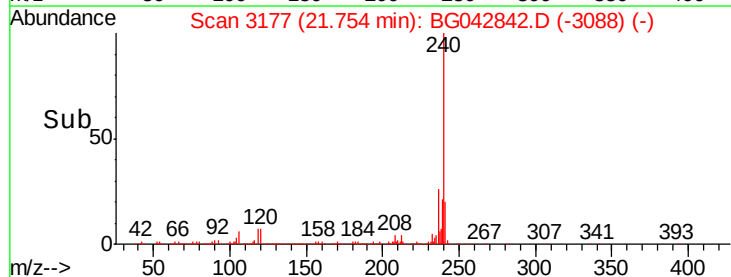
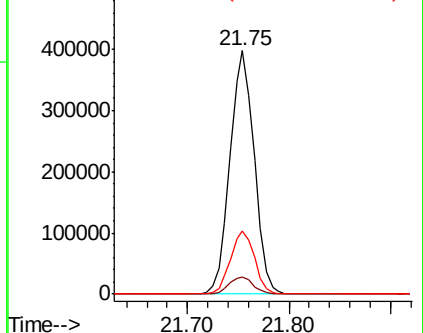
236 26.1 21.7 32.5

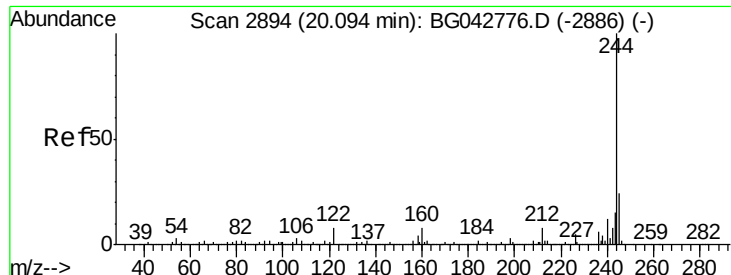


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.012 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

Instrument :

BNA_G

ClientSampleId :

PB123104BL

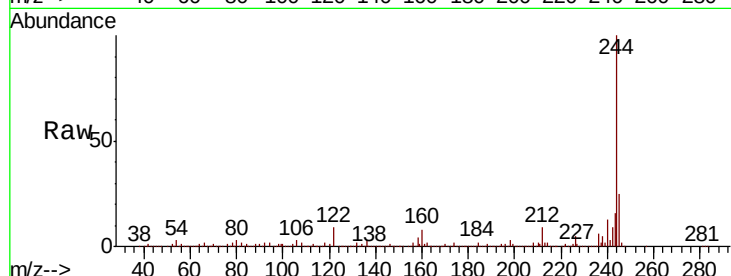
Tot Ion:244 Resp: 2231146

Ion Ratio Lower Upper

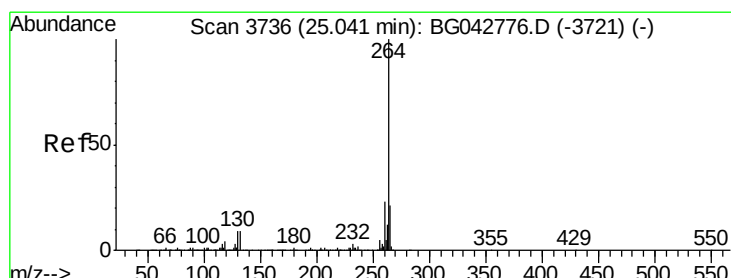
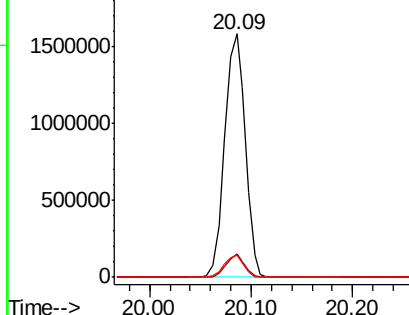
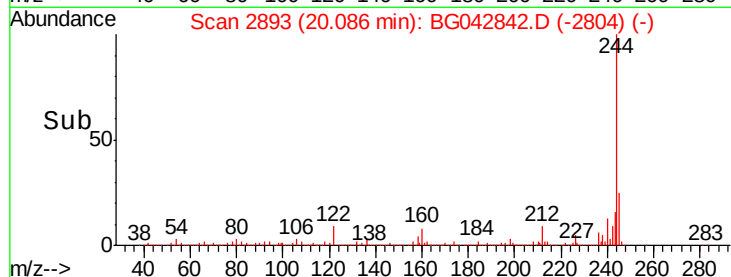
244 100

212 9.4 6.6 10.0

122 9.4 6.2 9.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042842.D

Acq: 16 Sep 2019 9:35

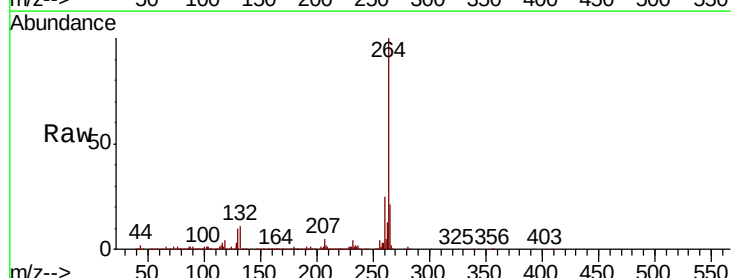
Tgt Ion:264 Resp: 687268

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.2

265 21.5 16.9 25.3



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

