

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042843.D
 Acq On : 16 Sep 2019 10:13
 Operator : HP/JU
 Sample : PB123101BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BL

Quant Time: Sep 17 02:07:20 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	77880	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	309854	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	231381	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	588882	20.00	ng	0.00
76) Chrysene-d12	21.75	240	621836	20.00	ng	0.00
87) Perylene-d12	25.03	264	659948	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	595514	132.94	ng	0.00
7) Phenol-d6	7.27	99	881347	137.07	ng	0.00
23) Nitrobenzene-d5	9.27	82	530600	89.15	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	423039	137.42	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1266694	86.66	ng	0.00
79) Terphenyl-d14	20.09	244	2397010	85.43	ng	0.00

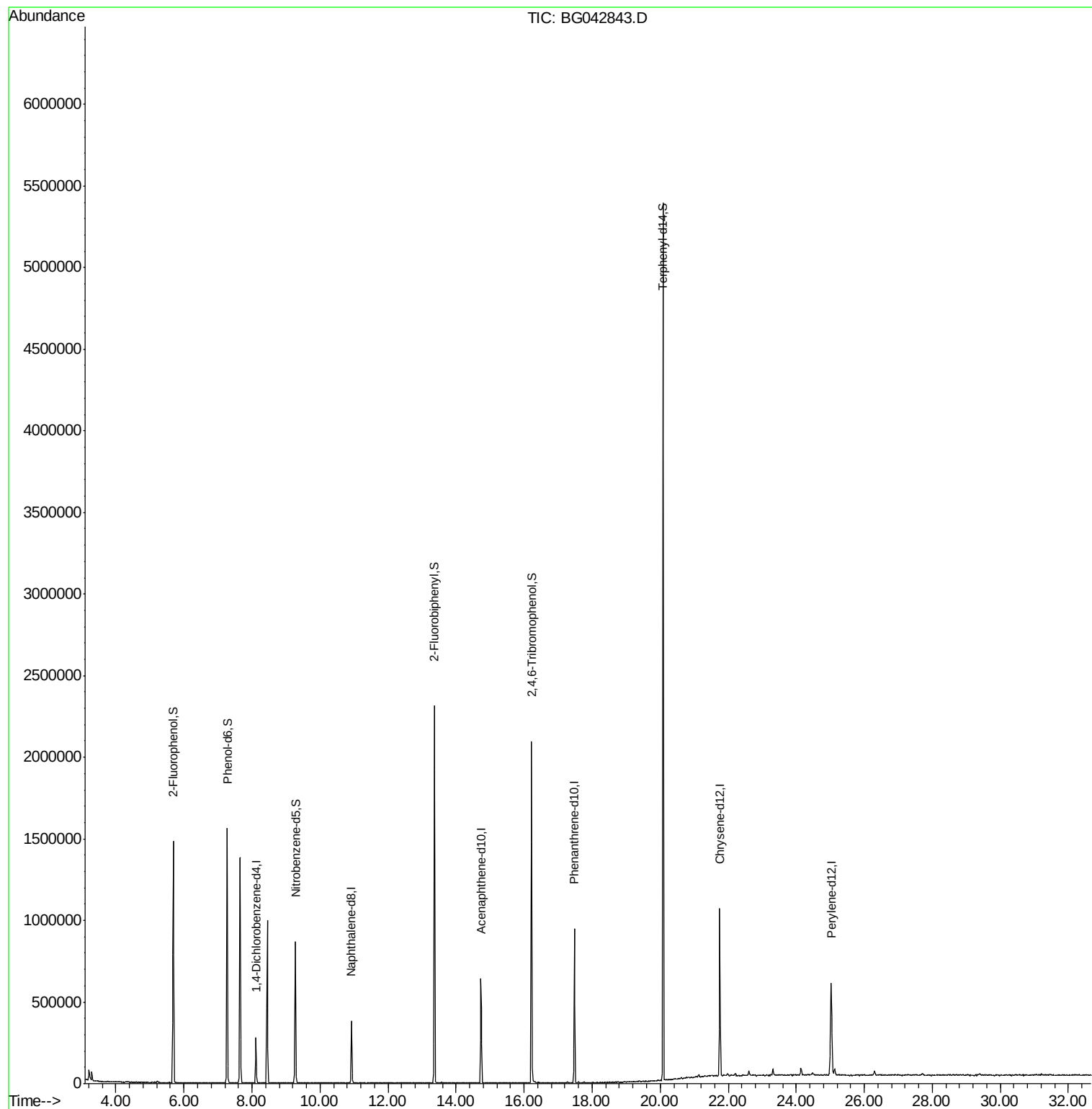
Target Compounds Qvalue

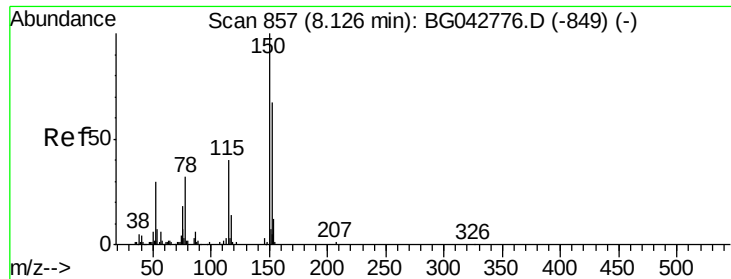
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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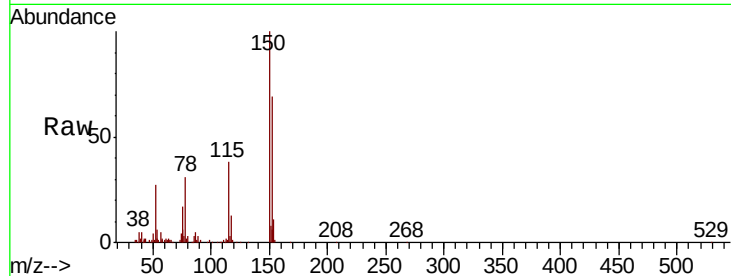


#1

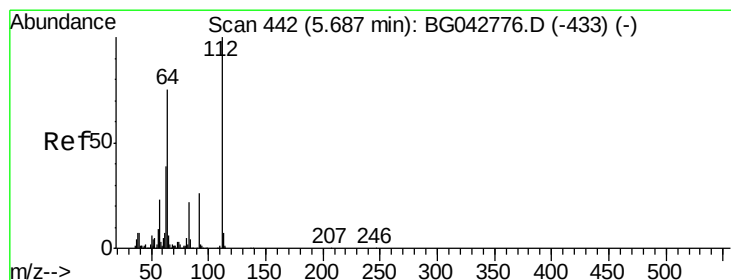
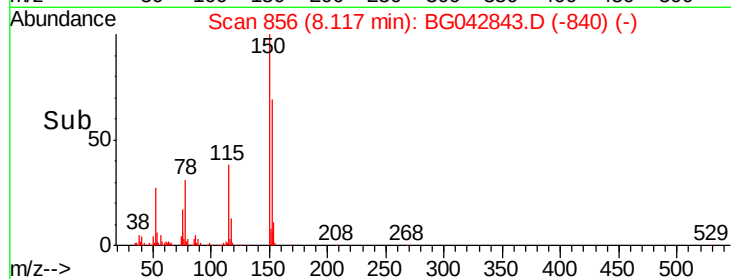
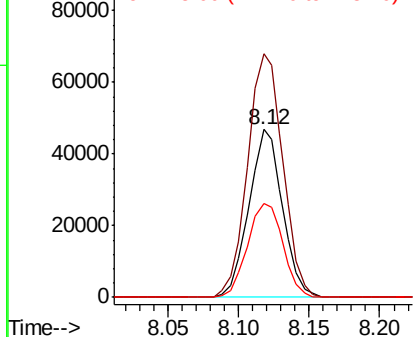
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042843.D
Acq: 16 Sep 2019 10:13

Instrument :
BNA_G
ClientSampleId :
PB123101BL

Tot Ion:152 Resp: 77880
Ion Ratio Lower Upper
152 100
150 145.4 118.9 178.3
115 55.9 47.4 71.2



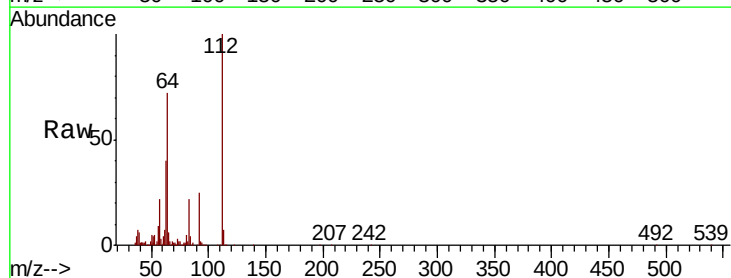
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



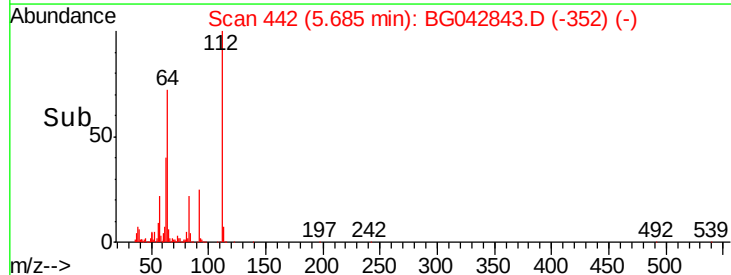
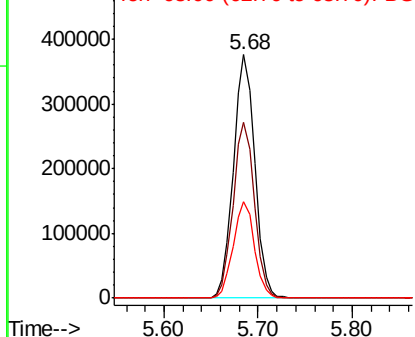
#5

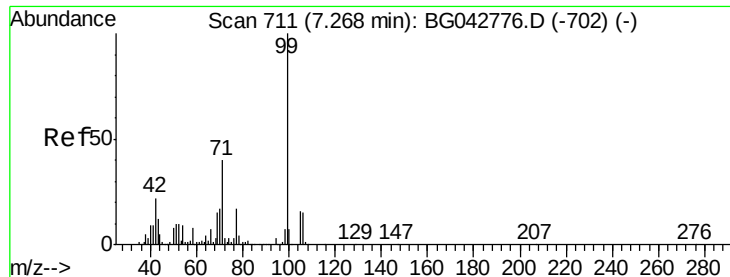
2-Fluorophenol
Concen: 132.939 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042843.D
Acq: 16 Sep 2019 10:13

Tgt Ion:112 Resp: 595514
Ion Ratio Lower Upper
112 100
64 72.2 60.2 90.2
63 39.8 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: 137.074 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042843.D

Acq: 16 Sep 2019 10:13

Instrument :

BNA_G

ClientSampleId :

PB123101BL

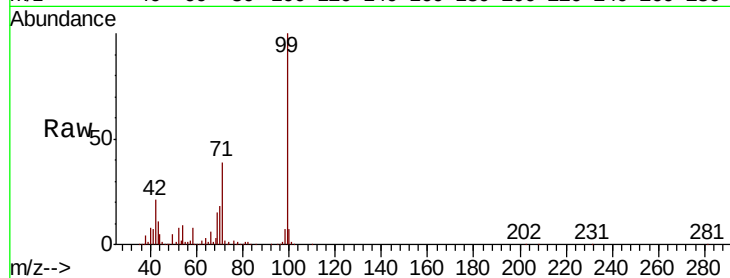
Tot Ion: 99 Resp: 881347

Ion Ratio Lower Upper

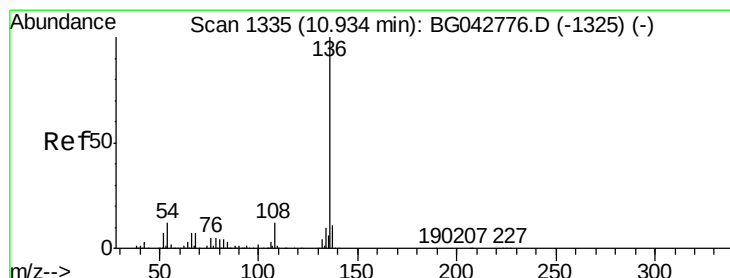
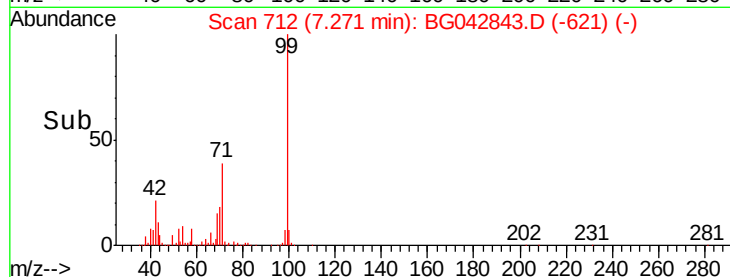
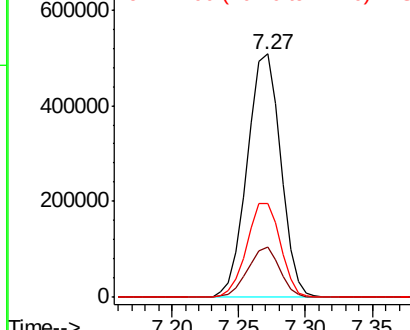
99 100

42 20.6 17.5 26.3

71 38.7 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: BG042843.D

Acq: 16 Sep 2019 10:13

Tgt Ion: 136 Resp: 309854

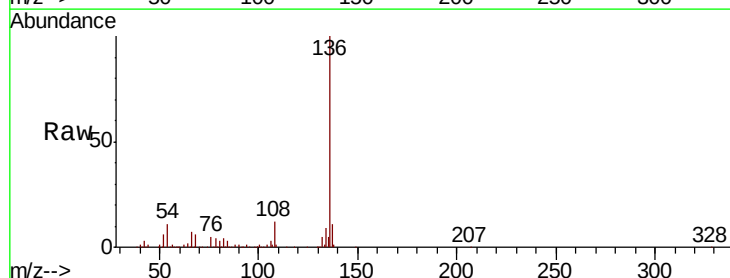
Ion Ratio Lower Upper

136 100

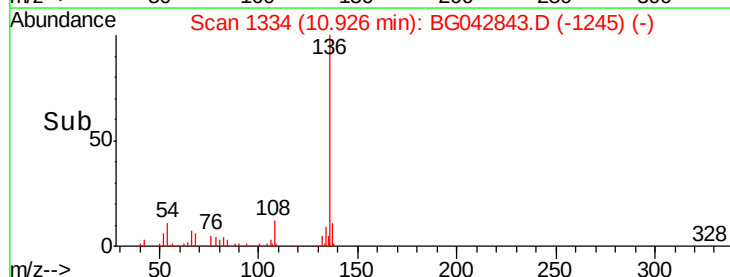
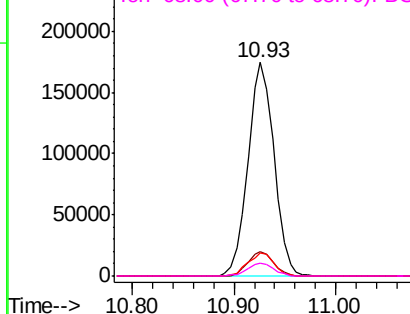
137 11.1 9.0 13.6

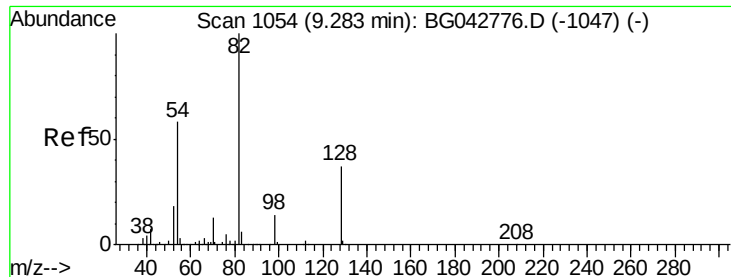
54 10.9 9.4 14.0

68 6.1 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: 89.153 ng

RT: 9.27 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BG042843.D

Acq: 16 Sep 2019 10:13

Instrument :

BNA_G

ClientSampleId :

PB123101BL

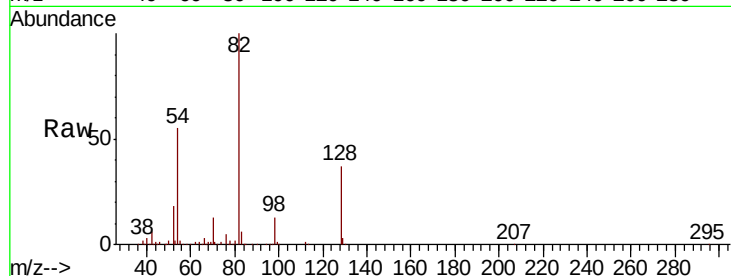
Tot Ion: 82 Resp: 530600

Ion Ratio Lower Upper

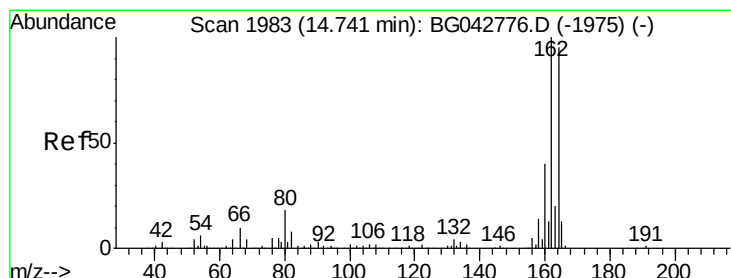
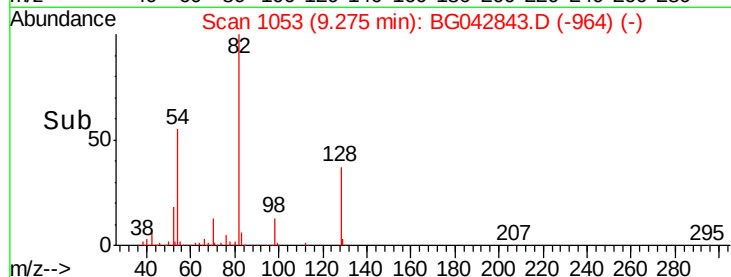
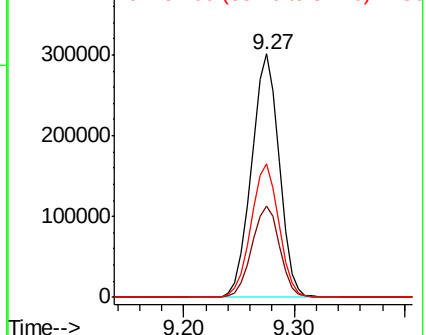
82 100

128 37.3 29.8 44.8

54 54.7 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: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042843.D

Acq: 16 Sep 2019 10:13

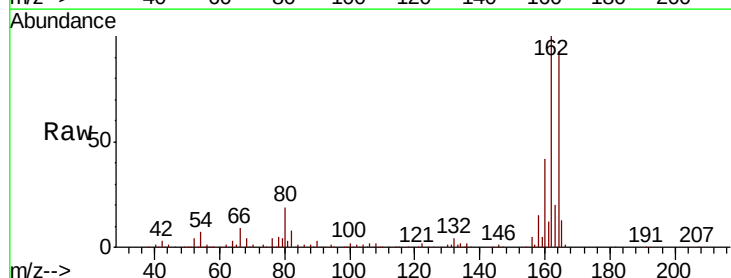
Tgt Ion: 164 Resp: 231381

Ion Ratio Lower Upper

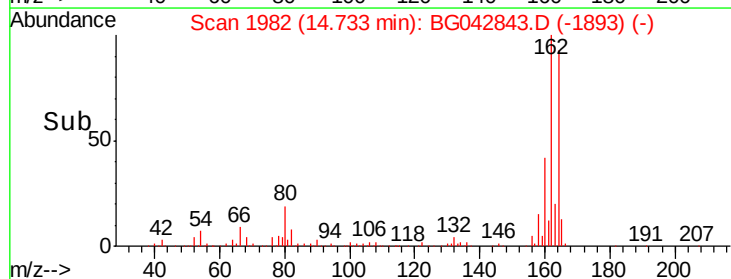
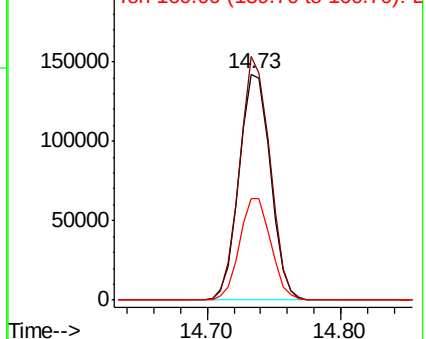
164 100

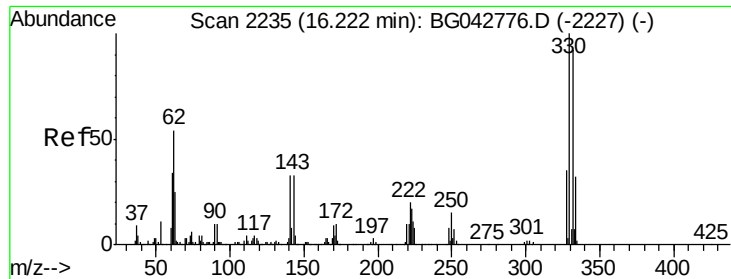
162 107.9 84.6 126.8

160 45.1 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

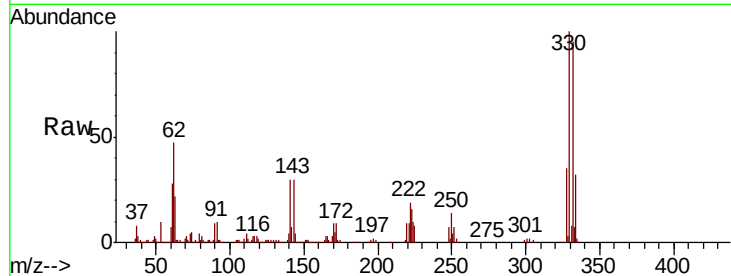




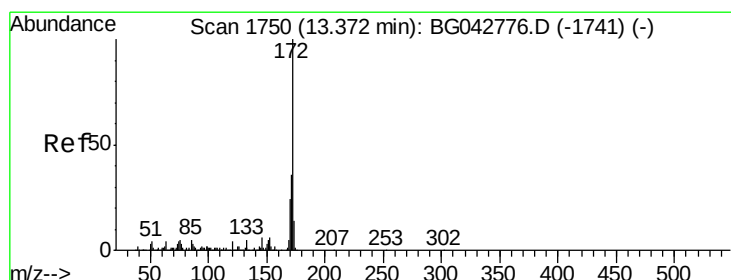
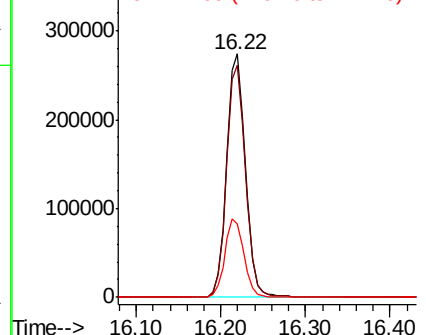
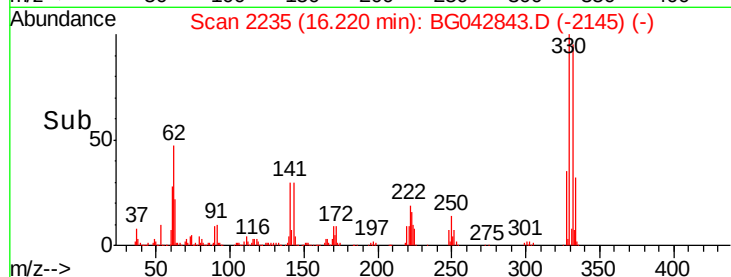
#42
 2,4,6-Tribromophenol
 Concen: 137.424 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG042843.D
 Acq: 16 Sep 2019 10:13

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	32.9	27.0	40.6

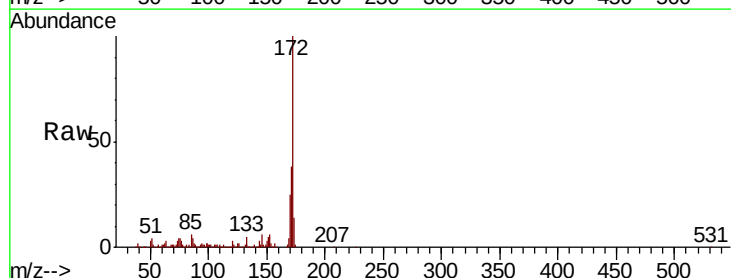


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

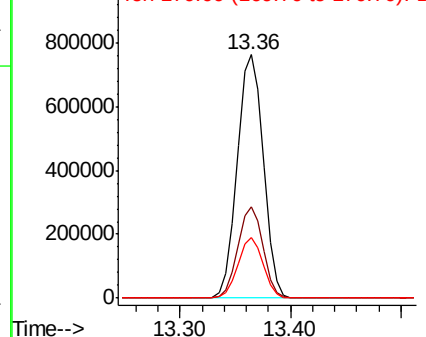
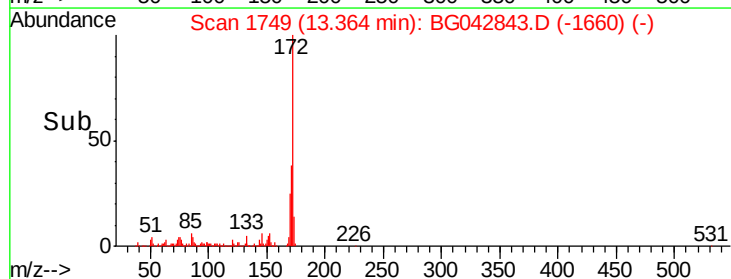


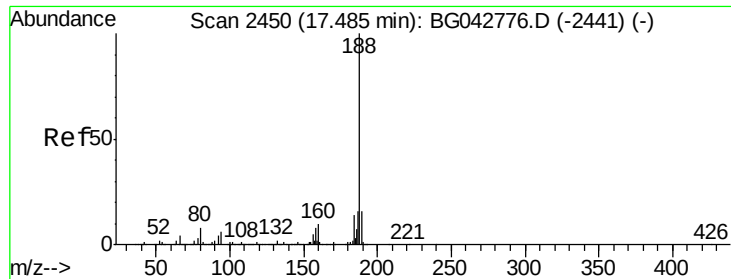
#45
 2-Fluorobiphenyl
 Concen: 86.658 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042843.D
 Acq: 16 Sep 2019 10:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	24.7	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: BG042843.D

Acq: 16 Sep 2019 10:13

Instrument :

BNA_G

ClientSampleId :

PB123101BL

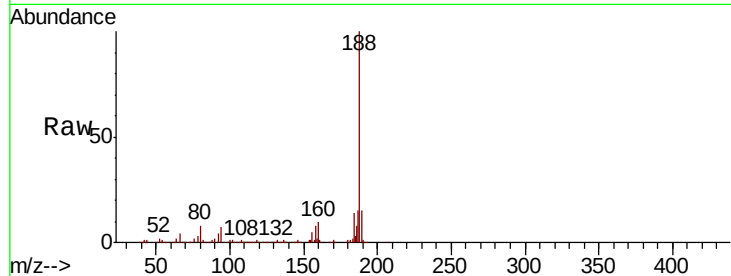
Tot Ion:188 Resp: 588882

Ion Ratio Lower Upper

188 100

94 7.1 4.8 7.2

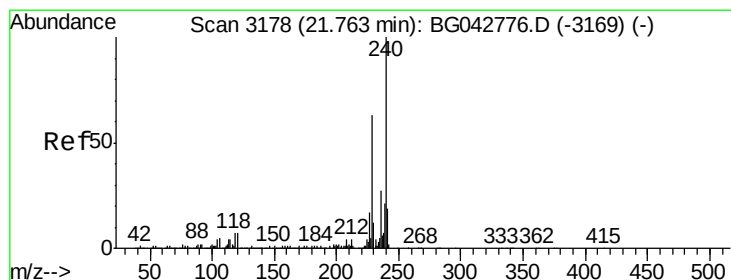
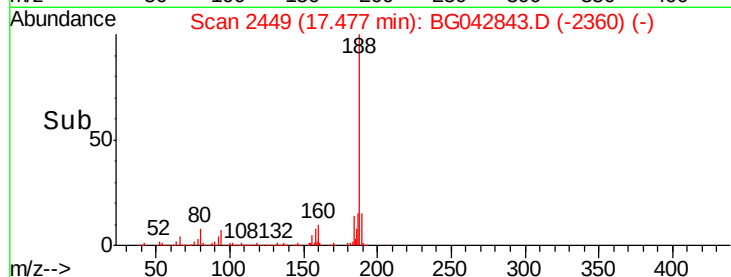
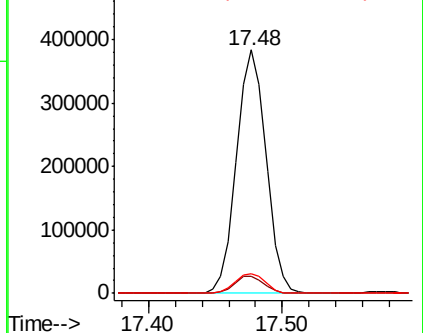
80 8.2 6.6 9.8



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: BG042843.D

Acq: 16 Sep 2019 10:13

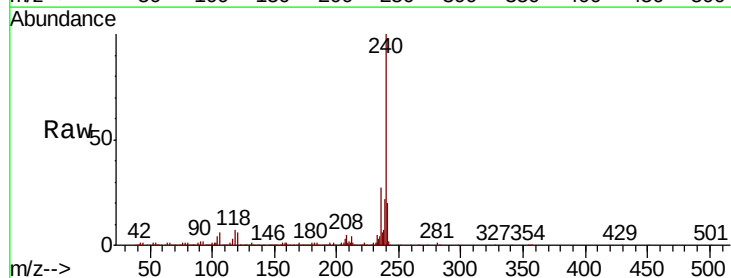
Tgt Ion:240 Resp: 621836

Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.2

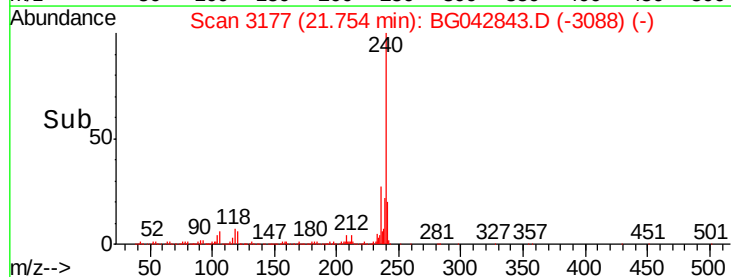
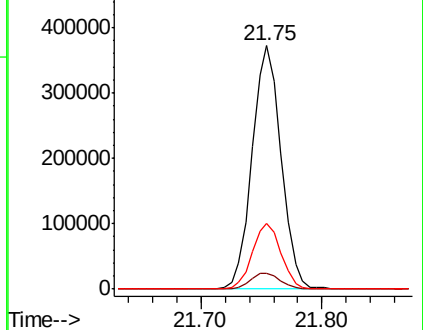
236 26.7 21.7 32.5

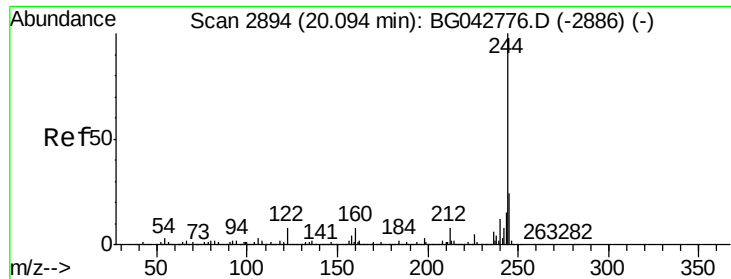


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.432 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042843.D

Acq: 16 Sep 2019 10:13

Instrument :

BNA_G

ClientSampleId :

PB123101BL

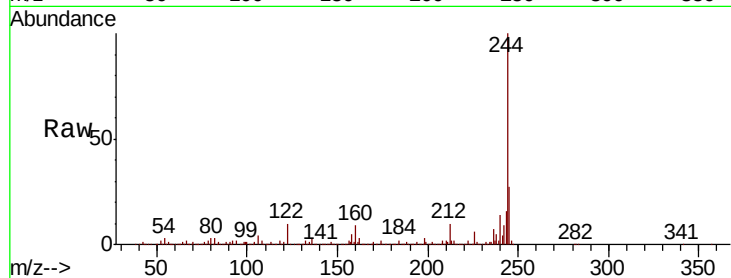
Tot Ion:244 Resp: 2397010

Ion Ratio Lower Upper

244 100

212 9.6 6.6 10.0

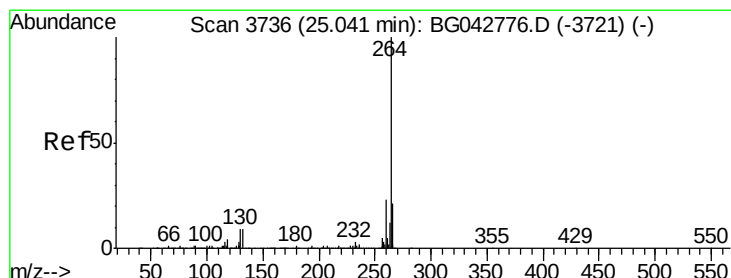
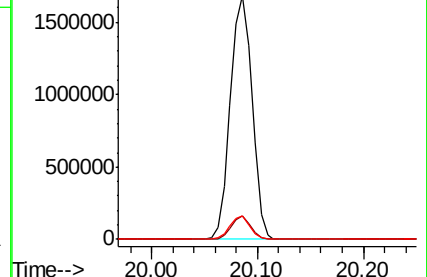
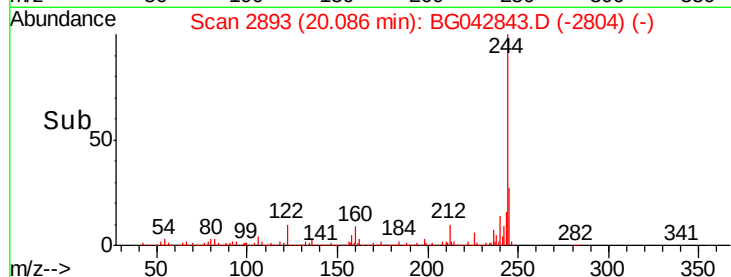
122 9.7 6.2 9.4#



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: BG042843.D

Acq: 16 Sep 2019 10:13

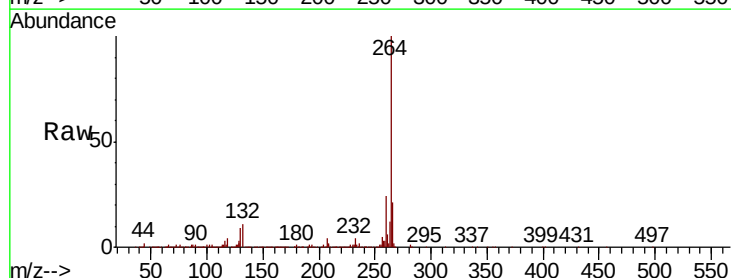
Tgt Ion:264 Resp: 659948

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.2

265 20.7 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

