

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043249.D
 Acq On : 16 Oct 2019 17:40
 Operator : JU
 Sample : PB123988BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BL

Quant Time: Oct 17 07:41:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46933	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	159616	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	116355	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	284620	20.00	ng	0.00
76) Chrysene-d12	21.70	240	345630	20.00	ng	0.00
87) Perylene-d12	24.92	264	400463	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	298662	113.57	ng	0.00
7) Phenol-d6	7.22	99	413242	109.12	ng	0.00
23) Nitrobenzene-d5	9.21	82	250376	76.24	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	246096	123.00	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	649308	80.90	ng	0.00
79) Terphenyl-d14	20.03	244	1405687	86.66	ng	0.00

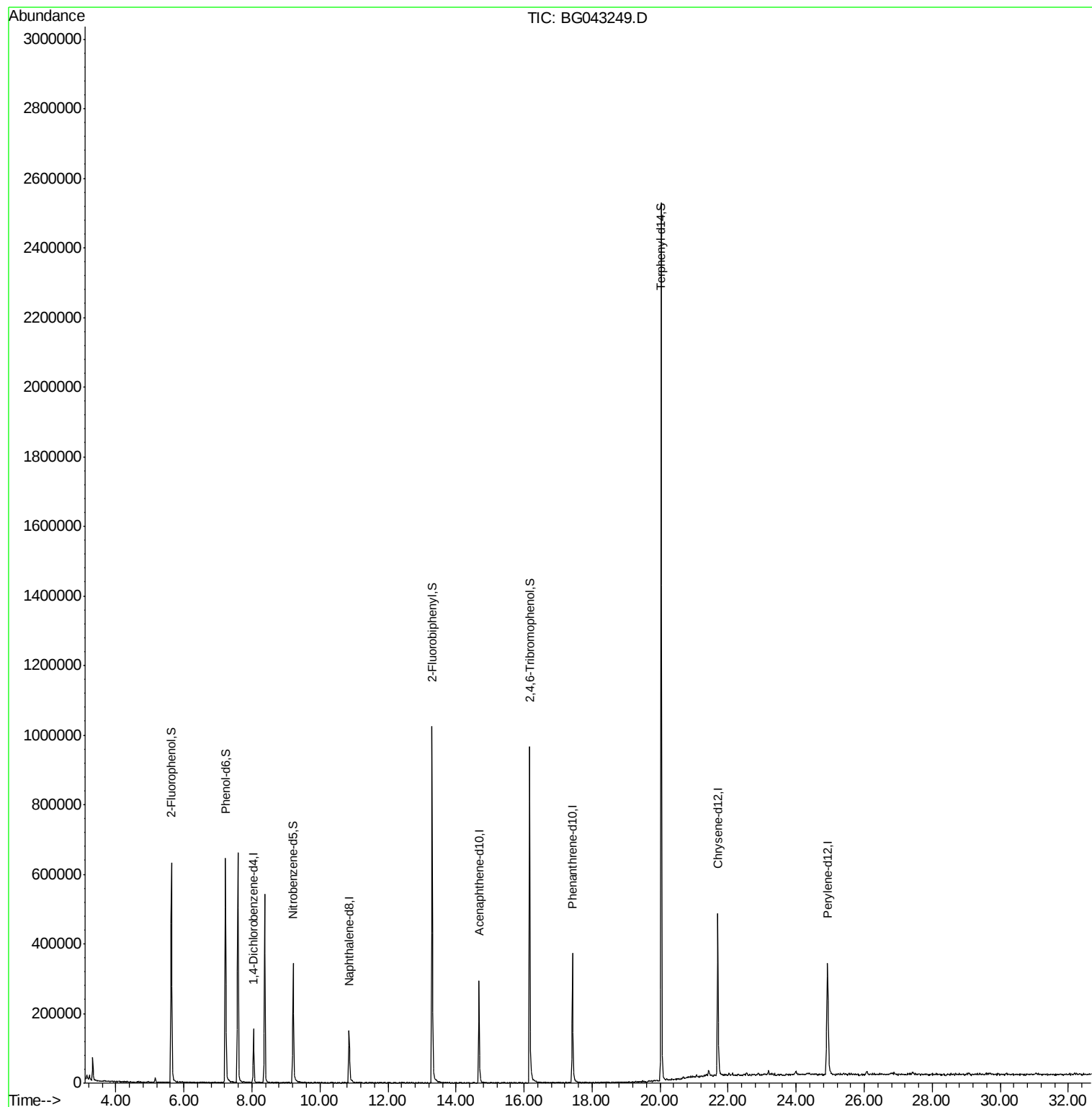
Target Compounds Qvalue

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

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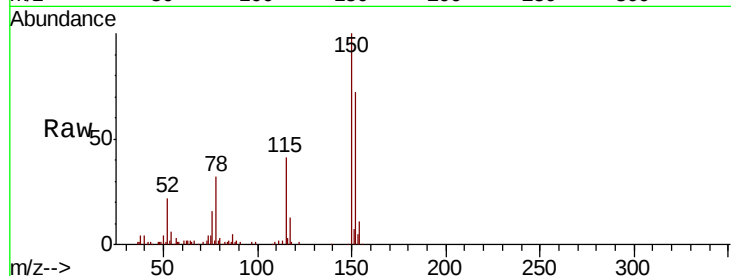


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043249.D
Acq: 16 Oct 2019 17:40

Instrument :
BNA_G
ClientSampleId :
PB123988BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.1	115.0	172.4
115	57.6	47.0	70.6

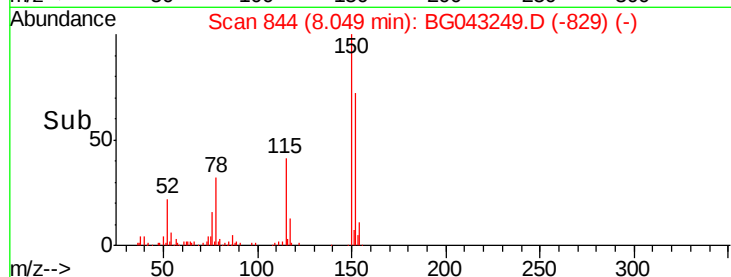
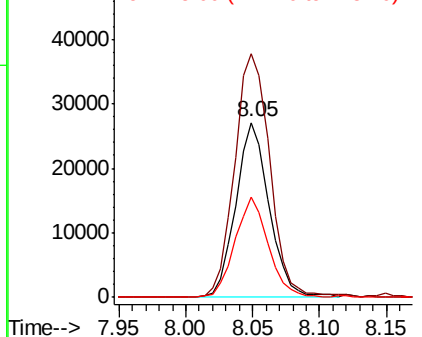


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

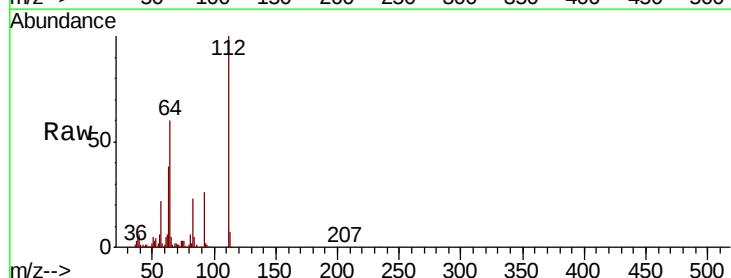
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.566 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043249.D
Acq: 16 Oct 2019 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	56.6	84.8
63	37.8	35.1	52.7

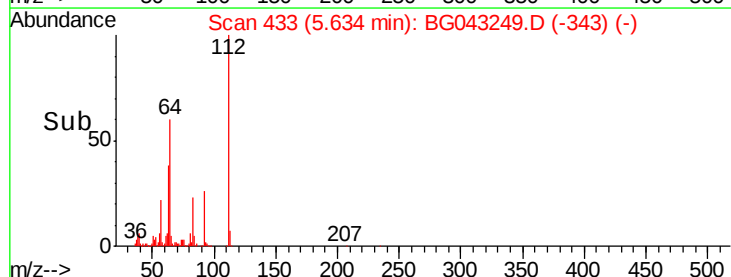
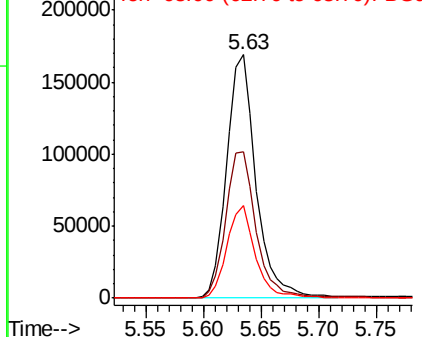


Abundance

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: 109.117 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043249.D

Acq: 16 Oct 2019 17:40

Instrument :

BNA_G

ClientSampleId :

PB123988BL

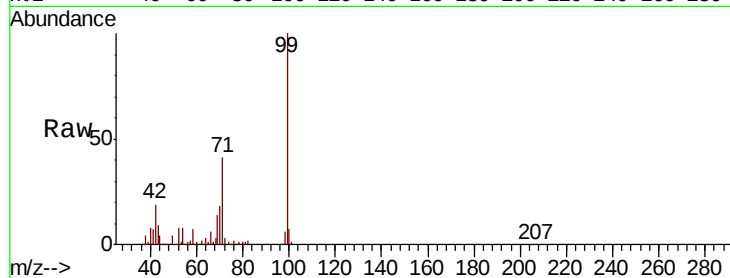
Tot Ion: 99 Resp: 413242

Ion Ratio Lower Upper

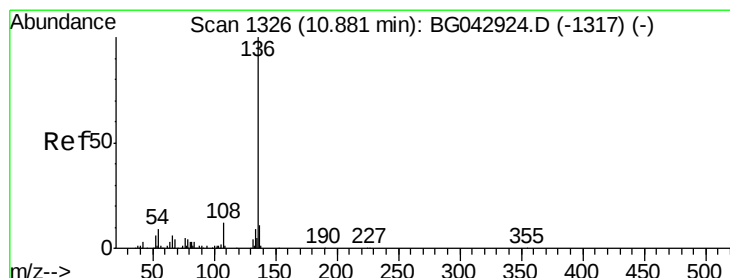
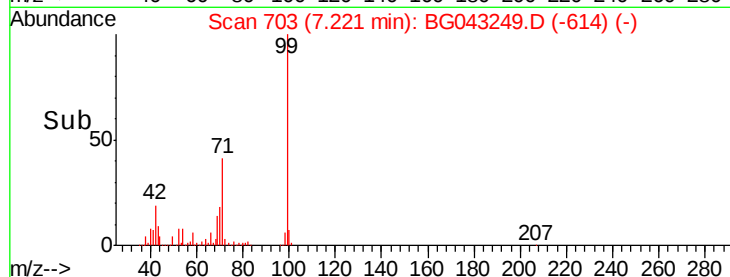
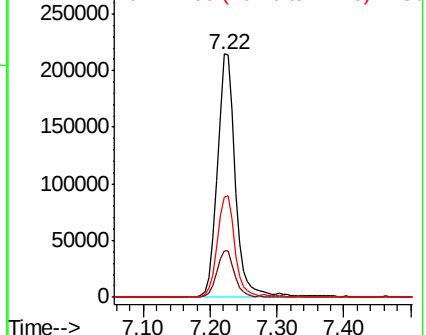
99 100

42 19.1 17.2 25.8

71 41.0 33.1 49.7



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# 1322

Delta R.T. -0.00 min

Lab File: BG043249.D

Acq: 16 Oct 2019 17:40

Tgt Ion: 136 Resp: 159616

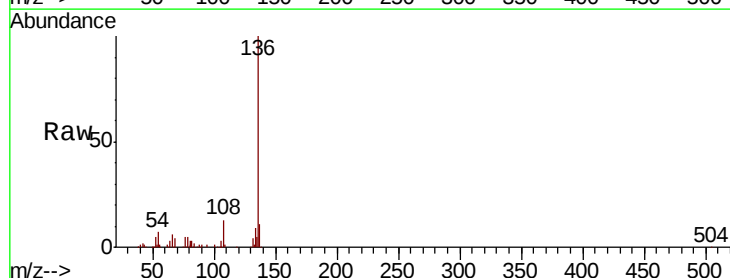
Ion Ratio Lower Upper

136 100

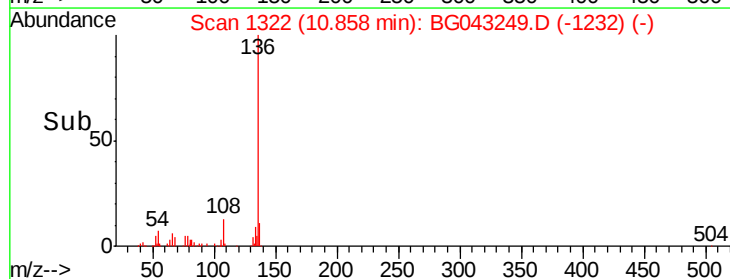
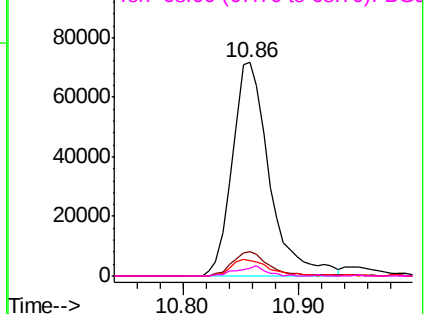
137 11.1 8.5 12.7

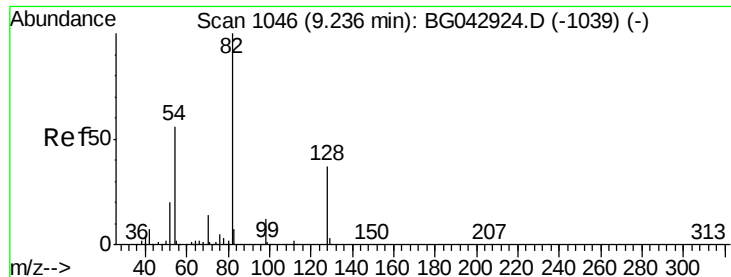
54 7.5 7.4 11.2

68 3.7 3.6 5.4



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: 76.243 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG043249.D

Acq: 16 Oct 2019 17:40

Instrument :

BNA_G

ClientSampleId :

PB123988BL

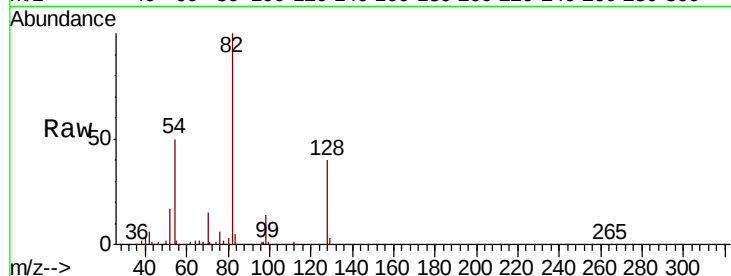
Tot Ion: 82 Resp: 250376

Ion Ratio Lower Upper

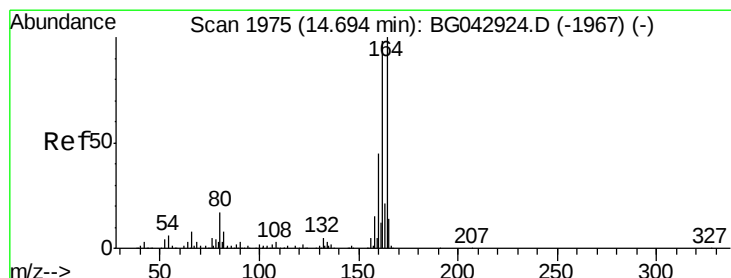
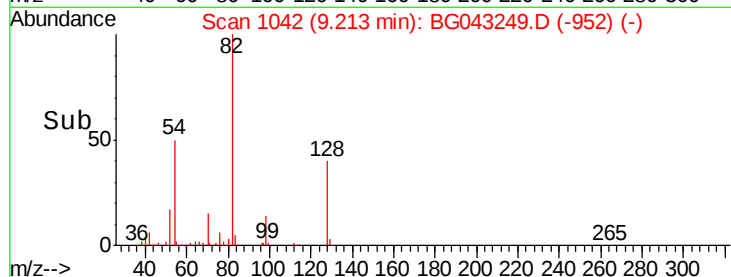
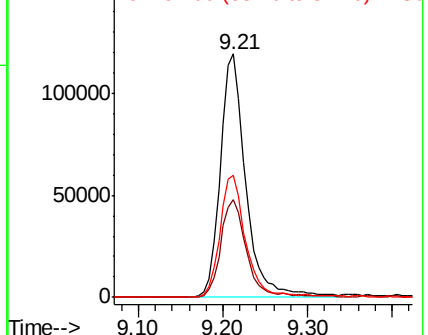
82 100

128 40.2 29.5 44.3

54 50.2 44.6 67.0



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: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG043249.D

Acq: 16 Oct 2019 17:40

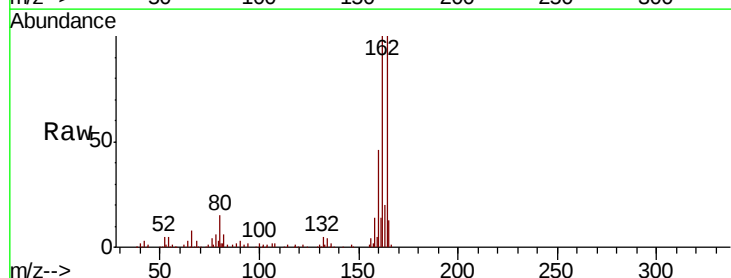
Tgt Ion:164 Resp: 116355

Ion Ratio Lower Upper

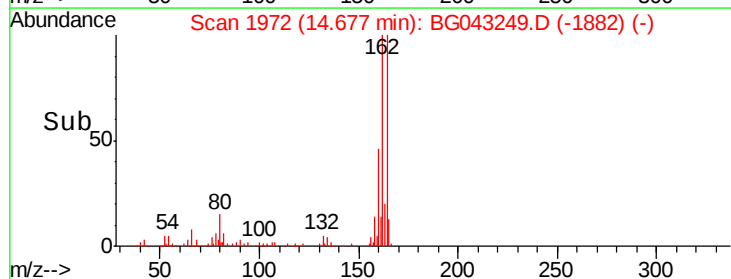
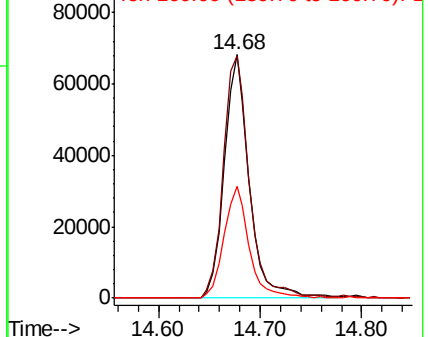
164 100

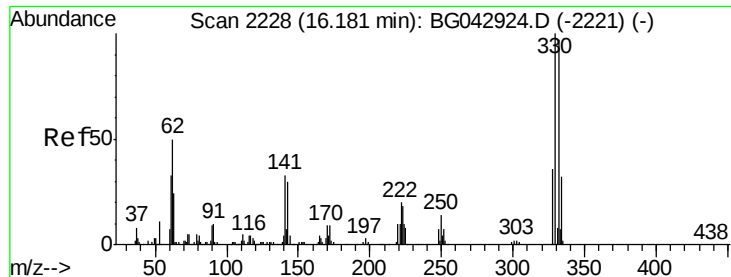
162 99.6 78.5 117.7

160 46.2 35.9 53.9



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

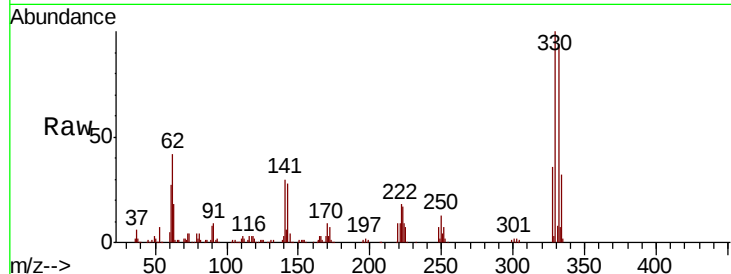




#42
 2,4,6-Tribromophenol
 Concen: 122.999 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BG043249.D
 Acq: 16 Oct 2019 17:40

Instrument :
 BNA_G
 ClientSampleId :
 PB123988BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.2	117.2
141	27.5	26.0	39.0

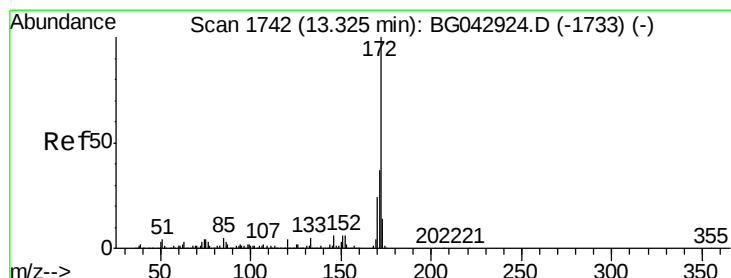
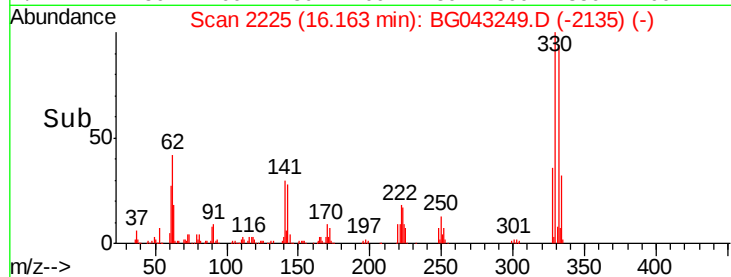
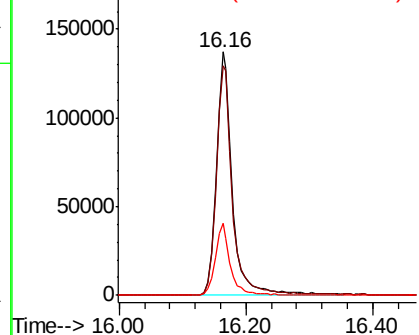


Abundance

Ion 329.80 (329.50 to 330.50): E

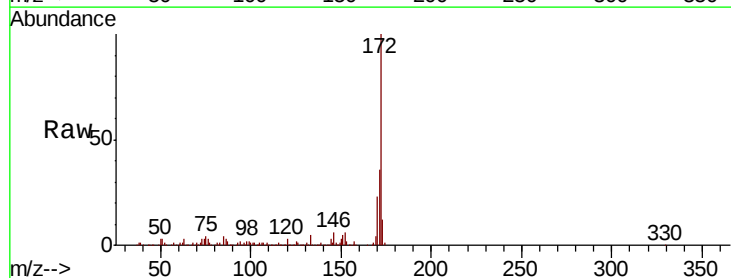
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.899 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG043249.D
 Acq: 16 Oct 2019 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.1	19.6	29.4

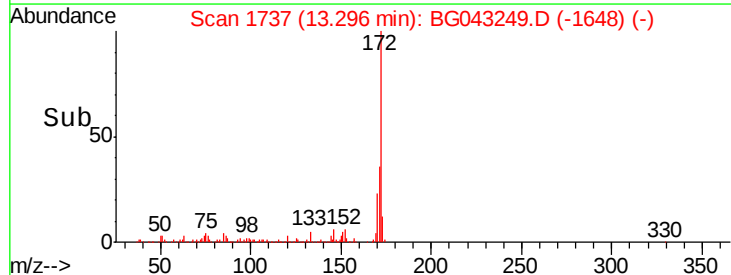
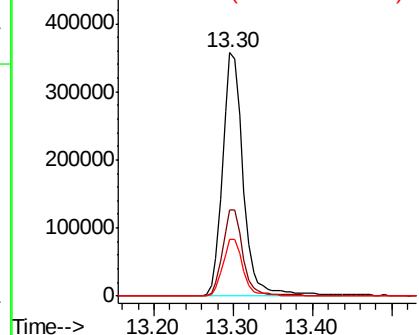


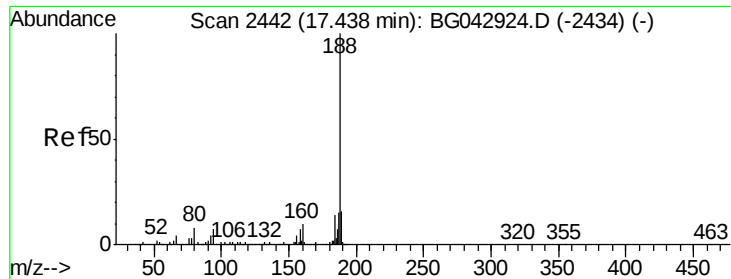
Abundance

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# 2439

Delta R.T. 0.00 min

Lab File: BG043249.D

Acq: 16 Oct 2019 17:40

Instrument :

BNA_G

ClientSampleId :

PB123988BL

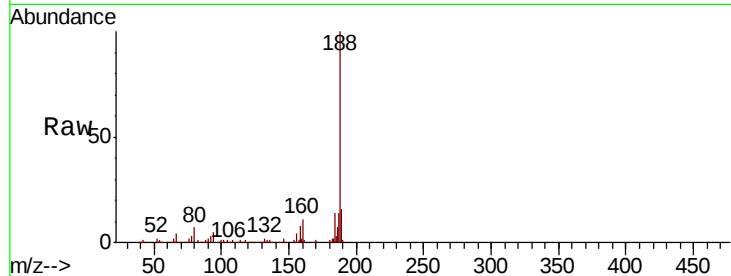
Tot Ion:188 Resp: 284620

Ion Ratio Lower Upper

188 100

94 5.3 5.7 8.5#

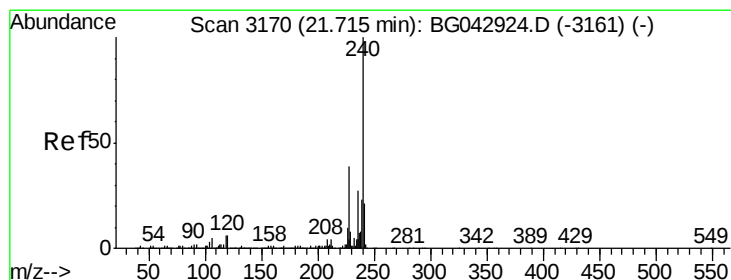
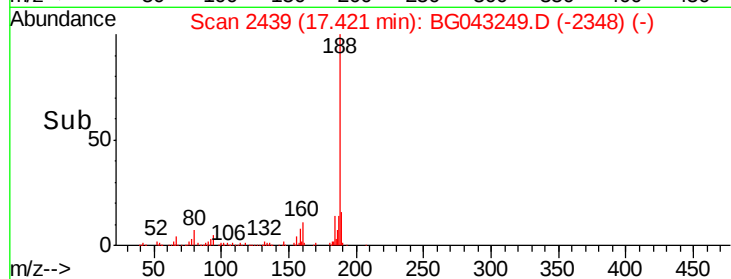
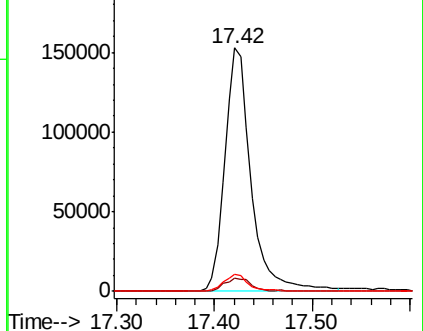
80 7.3 6.5 9.7



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. 0.01 min

Lab File: BG043249.D

Acq: 16 Oct 2019 17:40

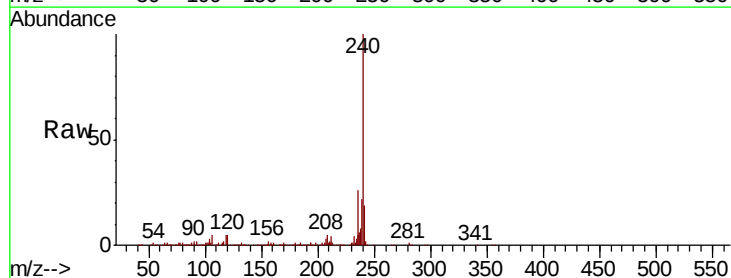
Tgt Ion:240 Resp: 345630

Ion Ratio Lower Upper

240 100

120 5.3 4.8 7.2

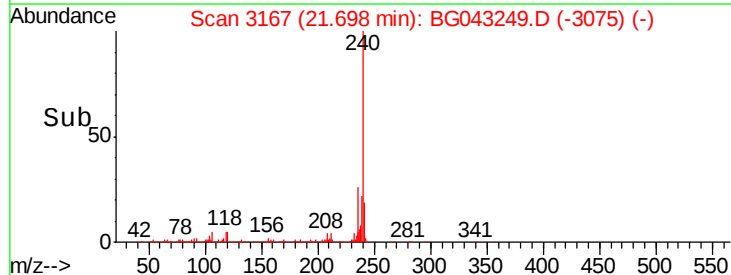
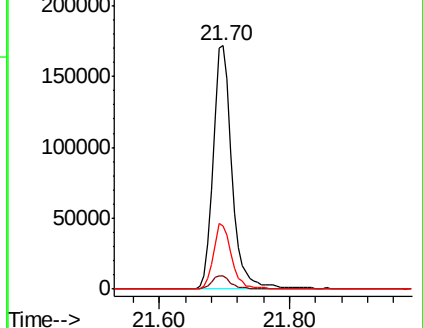
236 26.1 21.4 32.0

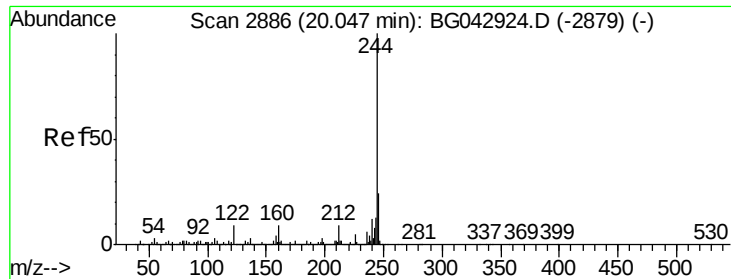


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.664 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043249.D

Acq: 16 Oct 2019 17:40

Instrument :

BNA_G

ClientSampleId :

PB123988BL

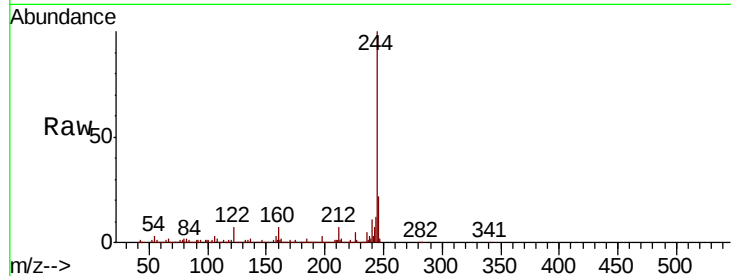
Tot Ion:244 Resp: 1405687

Ion Ratio Lower Upper

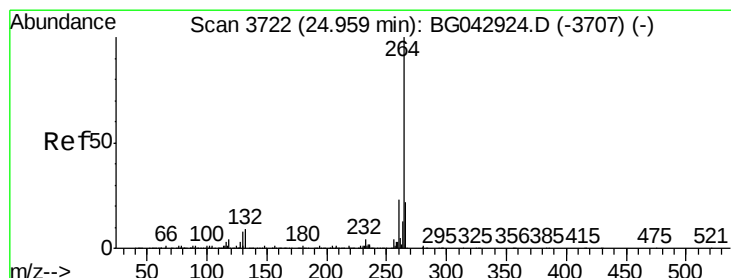
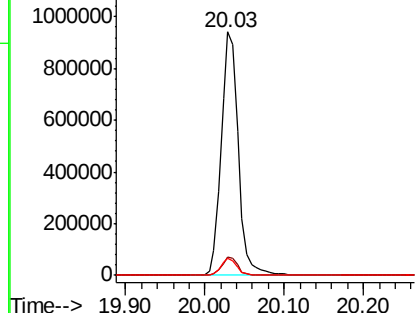
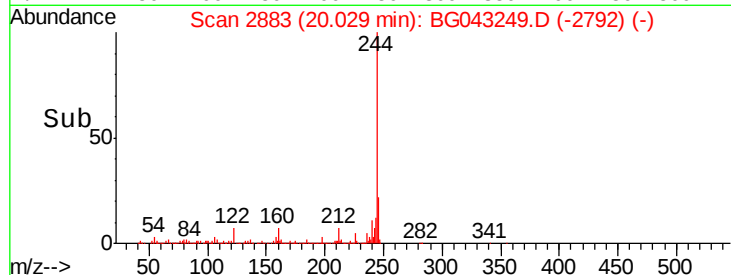
244 100

212 7.4 7.4 11.0

122 6.8 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG043249.D

Acq: 16 Oct 2019 17:40

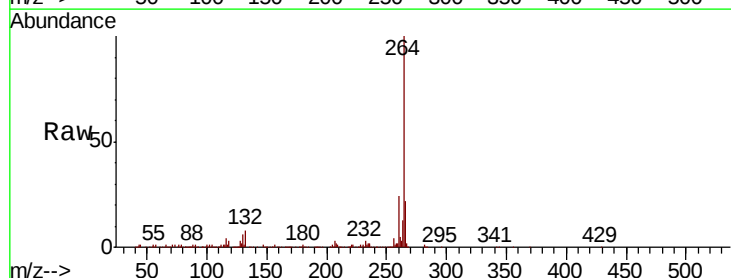
Tgt Ion:264 Resp: 400463

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.0 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

