

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043003.D
 Acq On : 3 Oct 2019 3:26
 Operator : JU
 Sample : PB123570BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BL

Quant Time: Oct 03 06:36:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	81222	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	302616	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	207113	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	457174	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	466271	20.00	ng	-0.02
87) Perylene-d12	24.92	264	531621	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	296777	65.21	ng	0.00
7) Phenol-d6	7.24	99	255136	38.93	ng	0.00
23) Nitrobenzene-d5	9.23	82	527890	84.79	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	458154	128.64	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1289219	90.24	ng	-0.01
79) Terphenyl-d14	20.04	244	2060571	94.17	ng	0.00

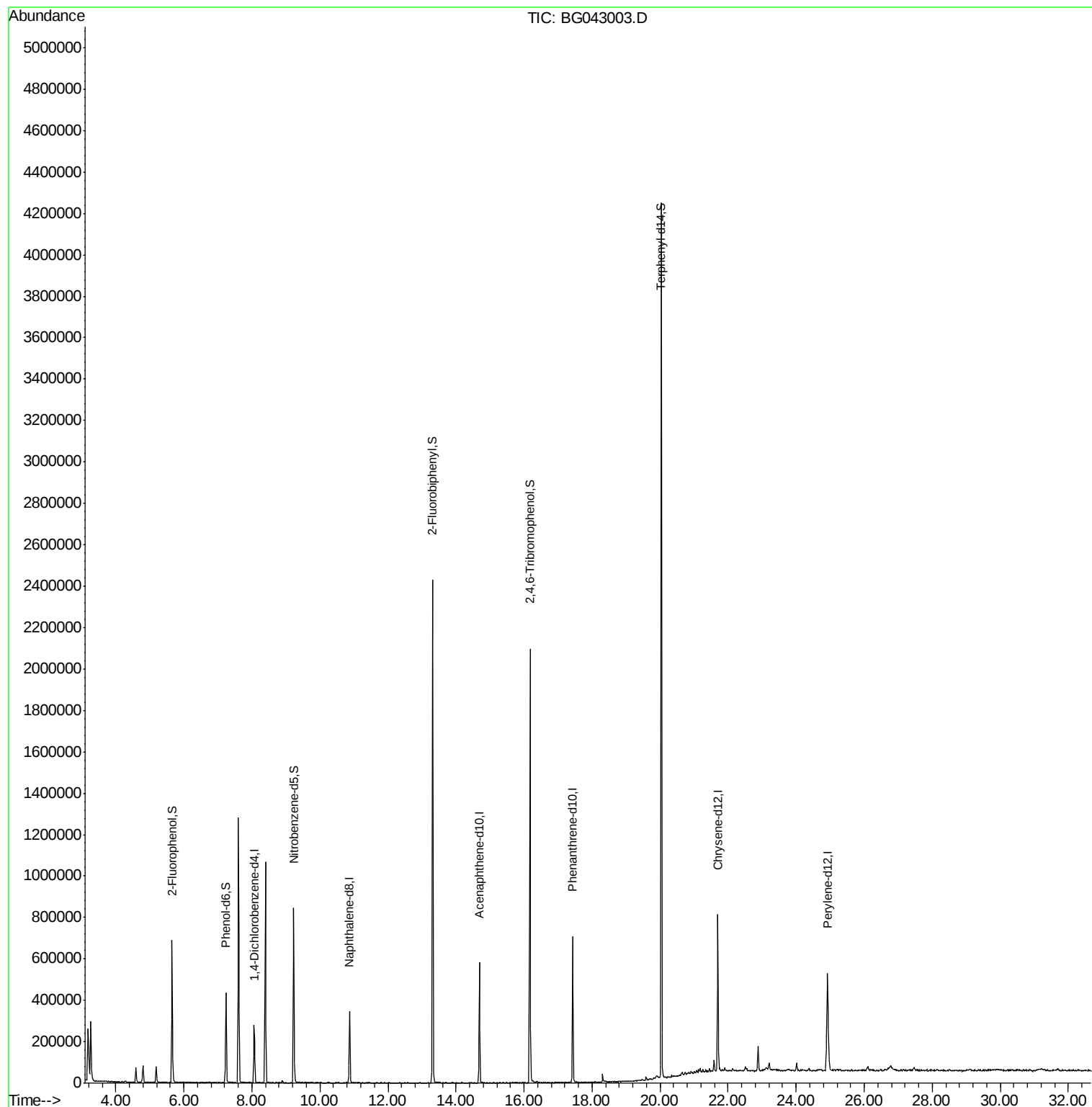
Target Compounds Qvalue

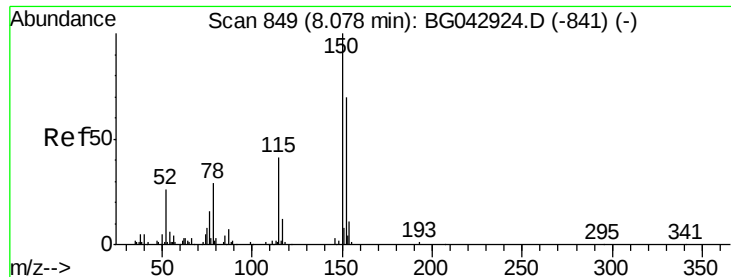
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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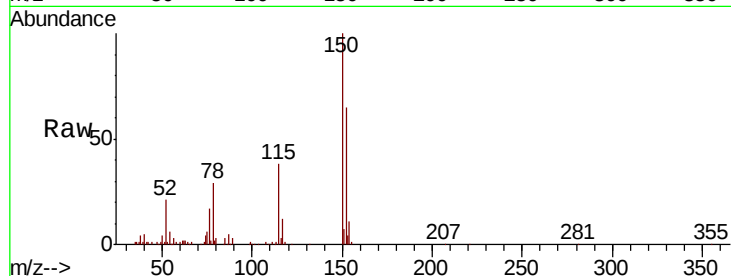


#1

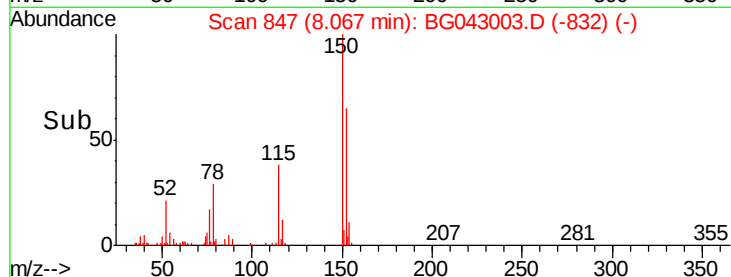
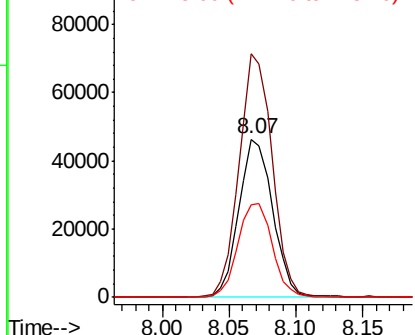
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043003.D
Acq: 3 Oct 2019 3:26

Instrument :
BNA_G
ClientSampleId :
PB123570BL

Tot Ion:152 Resp: 81222
Ion Ratio Lower Upper
152 100
150 153.8 115.0 172.4
115 58.7 47.0 70.6



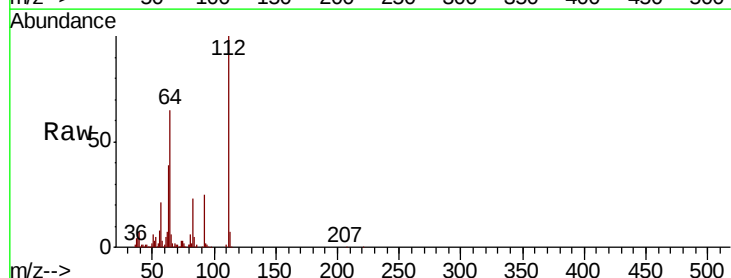
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



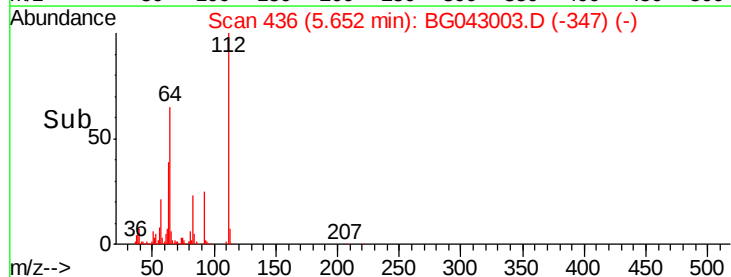
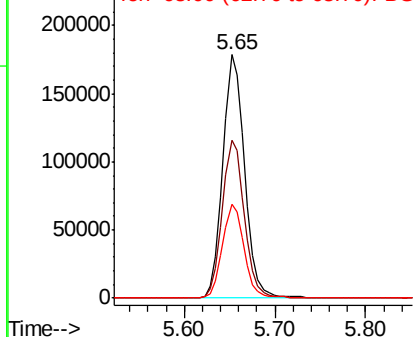
#5

2-Fluorophenol
Concen: 65.208 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043003.D
Acq: 3 Oct 2019 3:26

Tgt Ion:112 Resp: 296777
Ion Ratio Lower Upper
112 100
64 65.0 56.6 84.8
63 38.7 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: 38.928 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043003.D

Acq: 3 Oct 2019 3:26

Instrument :

BNA_G

ClientSampleId :

PB123570BL

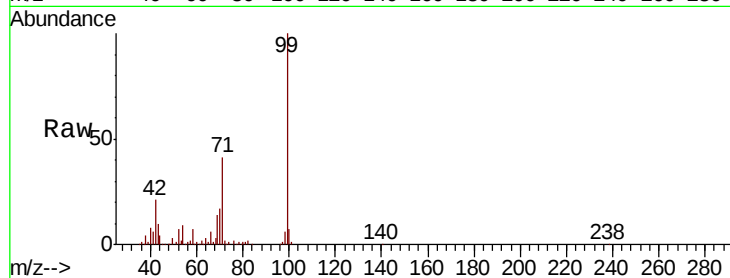
Tot Ion: 99 Resp: 255136

Ion Ratio Lower Upper

99 100

42 20.8 17.2 25.8

71 40.7 33.1 49.7

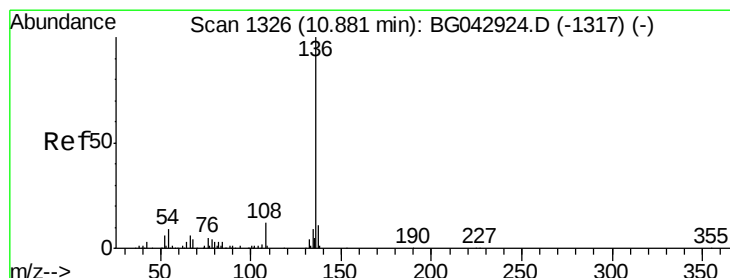
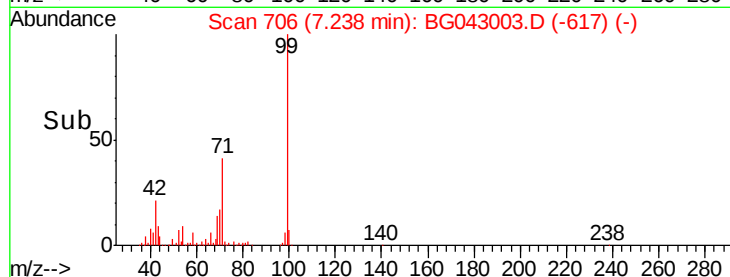
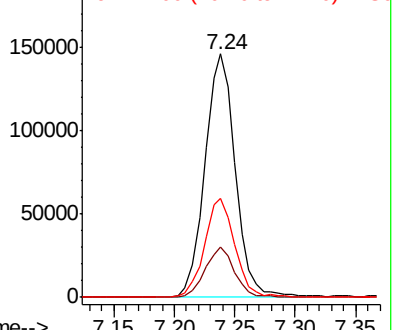


Abundance

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: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG043003.D

Acq: 3 Oct 2019 3:26

Tgt Ion: 136 Resp: 302616

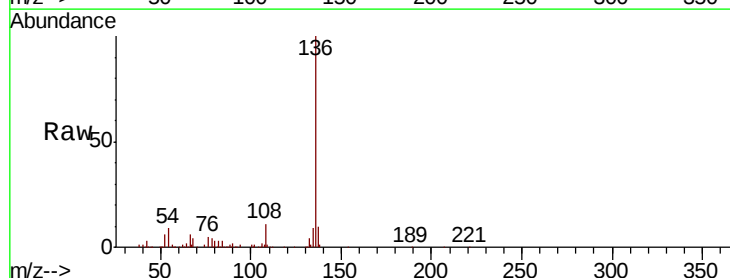
Ion Ratio Lower Upper

136 100

137 9.7 8.5 12.7

54 9.0 7.4 11.2

68 4.3 3.6 5.4



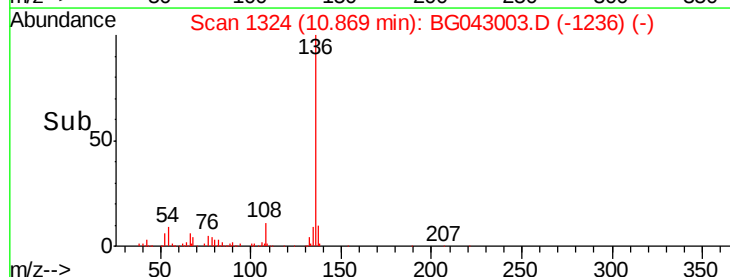
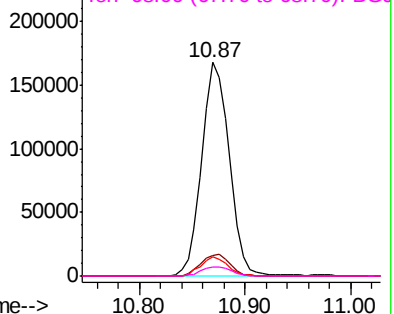
Abundance

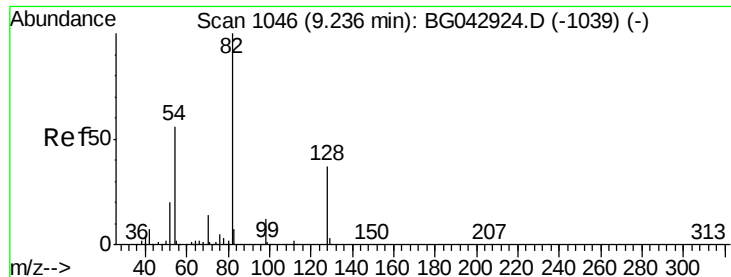
Ion 136.00 (135.70 to 136.70): BGC

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: 84.788 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG043003.D

Acq: 3 Oct 2019 3:26

Instrument :

BNA_G

ClientSampleId :

PB123570BL

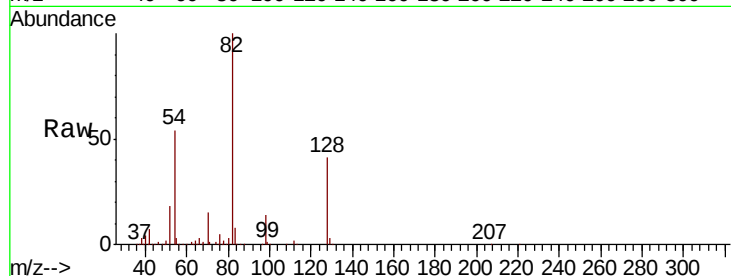
Tot Ion: 82 Resp: 527890

Ion Ratio Lower Upper

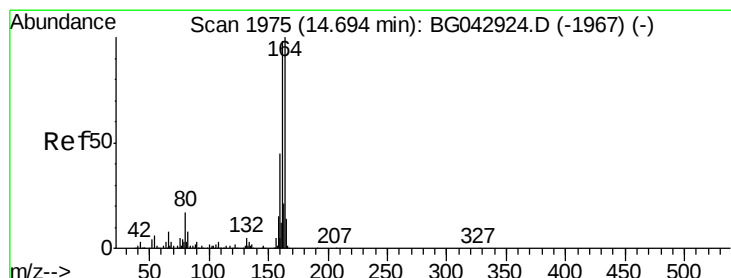
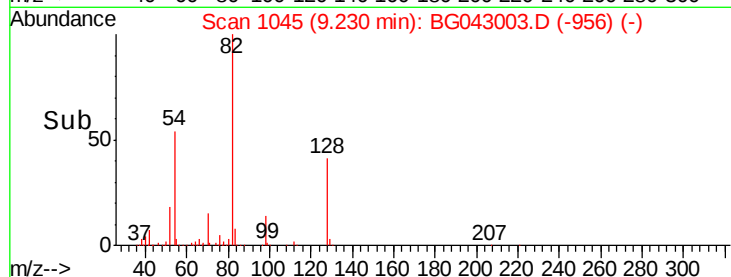
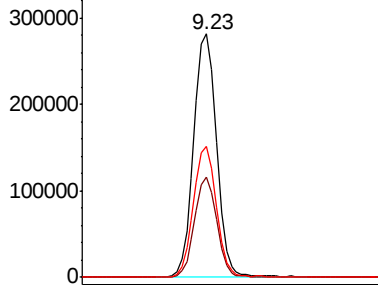
82 100

128 41.3 29.5 44.3

54 54.0 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: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043003.D

Acq: 3 Oct 2019 3:26

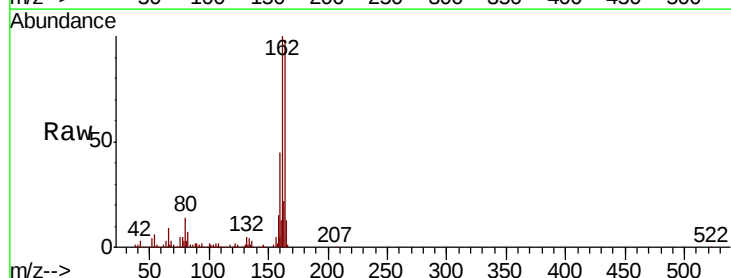
Tgt Ion: 164 Resp: 207113

Ion Ratio Lower Upper

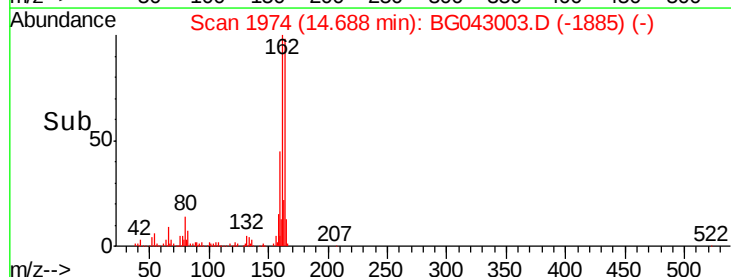
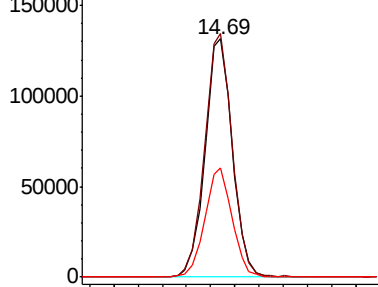
164 100

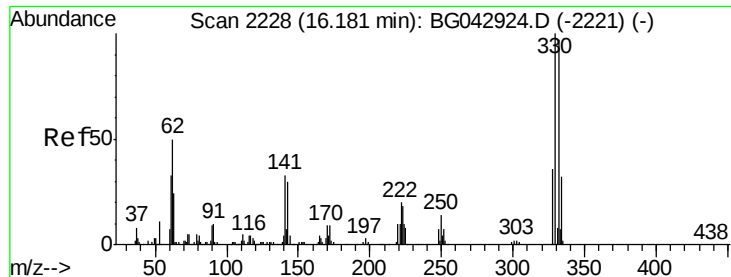
162 102.3 78.5 117.7

160 45.7 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

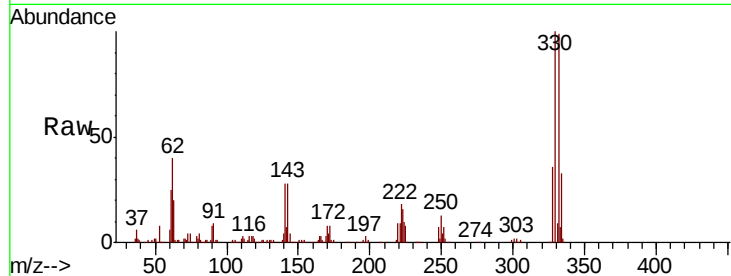




#42
 2,4,6-Tribromophenol
 Concen: 128.643 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG043003.D
 Acq: 3 Oct 2019 3:26

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.2
141	29.8	26.0	39.0

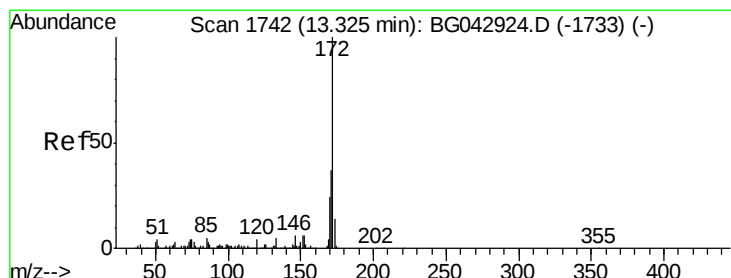
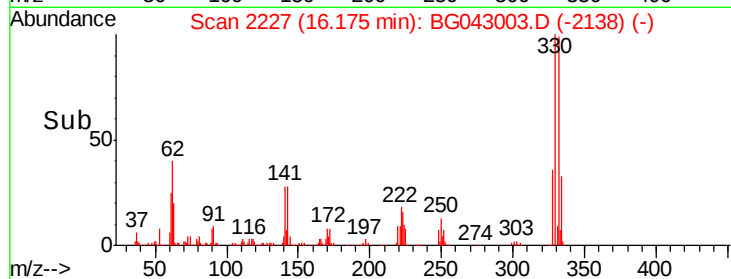
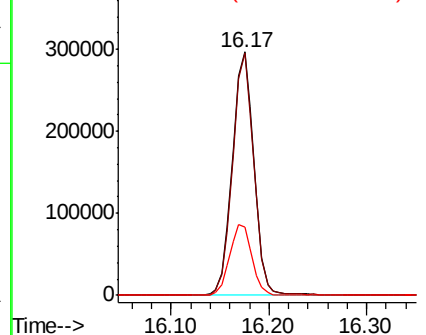


Abundance

Ion 329.80 (329.50 to 330.50): E

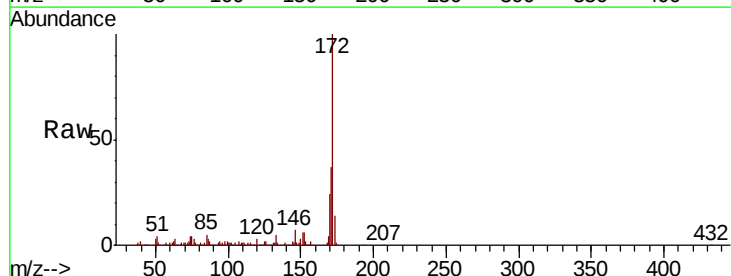
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.240 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG043003.D
 Acq: 3 Oct 2019 3:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	23.7	19.6	29.4

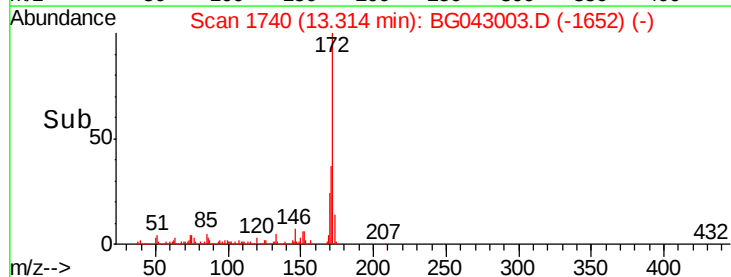
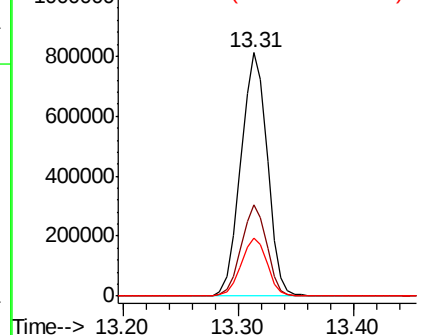


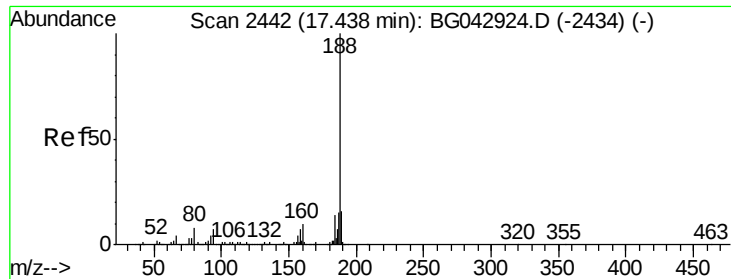
Abundance

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: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043003.D

Acq: 3 Oct 2019 3:26

Instrument :

BNA_G

ClientSampleId :

PB123570BL

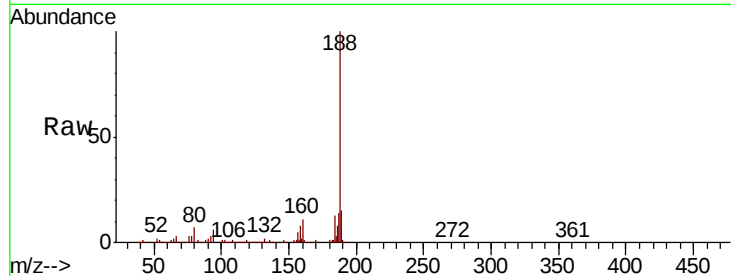
Tot Ion:188 Resp: 457174

Ion Ratio Lower Upper

188 100

94 5.9 5.7 8.5

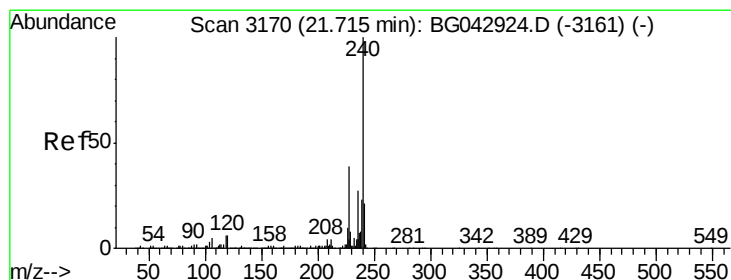
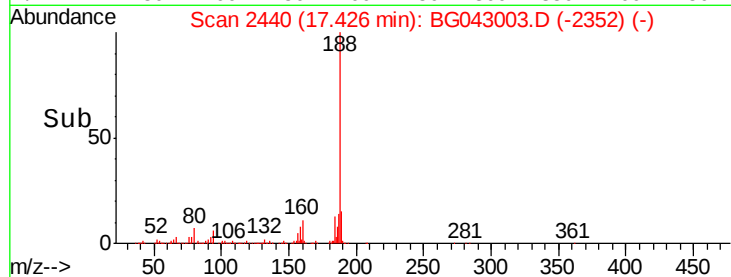
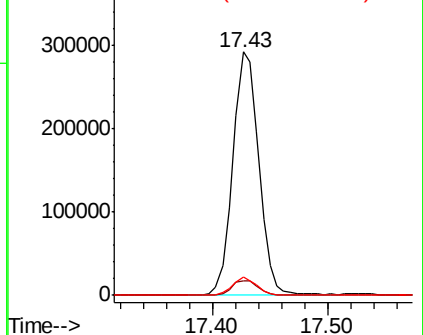
80 7.3 6.5 9.7



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. -0.02 min

Lab File: BG043003.D

Acq: 3 Oct 2019 3:26

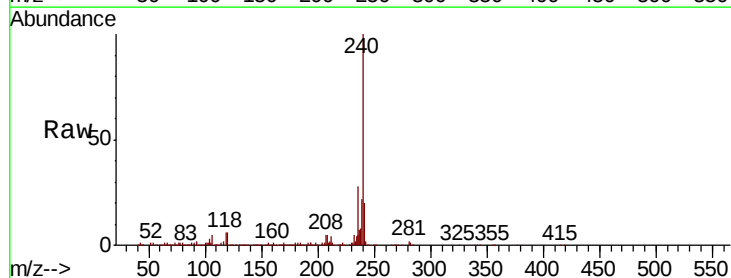
Tgt Ion:240 Resp: 466271

Ion Ratio Lower Upper

240 100

120 6.0 4.8 7.2

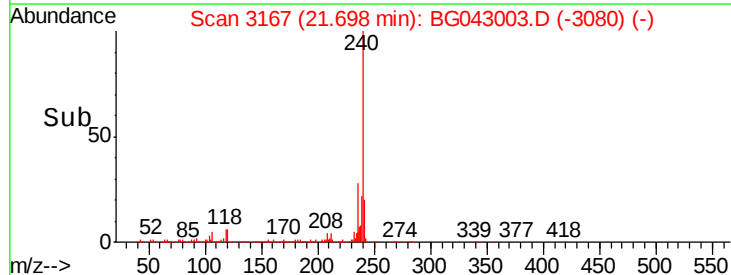
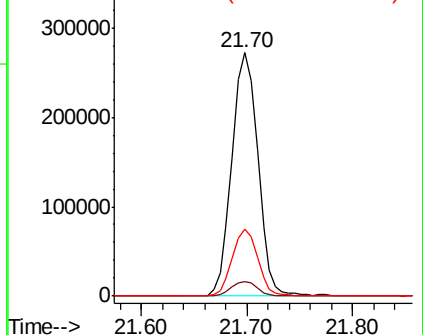
236 27.6 21.4 32.0

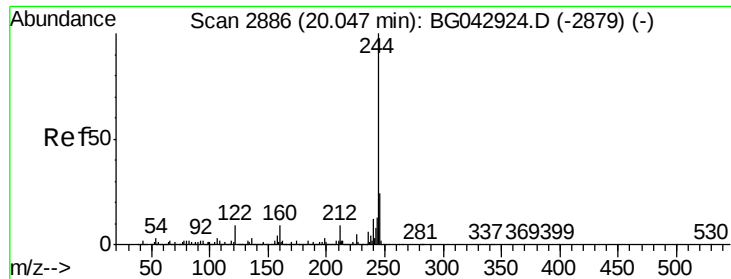


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.169 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043003.D

Acq: 3 Oct 2019 3:26

Instrument :

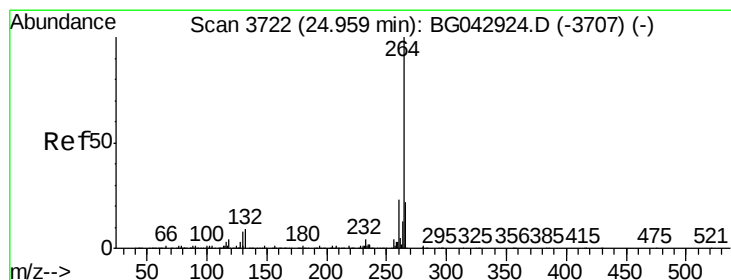
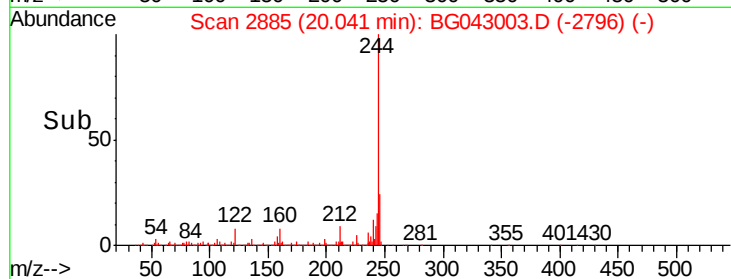
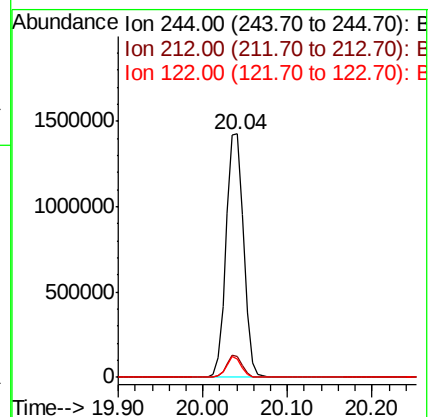
BNA_G

ClientSampleId :

PB123570BL

Tot Ion:244 Resp: 2060571

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.0
122	7.8	7.0	10.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG043003.D

Acq: 3 Oct 2019 3:26

Tgt Ion:264 Resp: 531621

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	23.3	17.7	26.5

