

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043234.D
 Acq On : 16 Oct 2019 3:01
 Operator : JU
 Sample : PB123985BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123985BL

Quant Time: Oct 16 06:00:17 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	62386	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	236348	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	162734	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	342658	20.00	ng	0.00
76) Chrysene-d12	21.70	240	361481	20.00	ng	0.00
87) Perylene-d12	24.93	264	432518	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	298418	85.37	ng	0.00
7) Phenol-d6	7.22	99	288990	57.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	403388	82.96	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	362890	129.68	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1041908	92.82	ng	0.00
79) Terphenyl-d14	20.03	244	1717163	101.22	ng	0.00

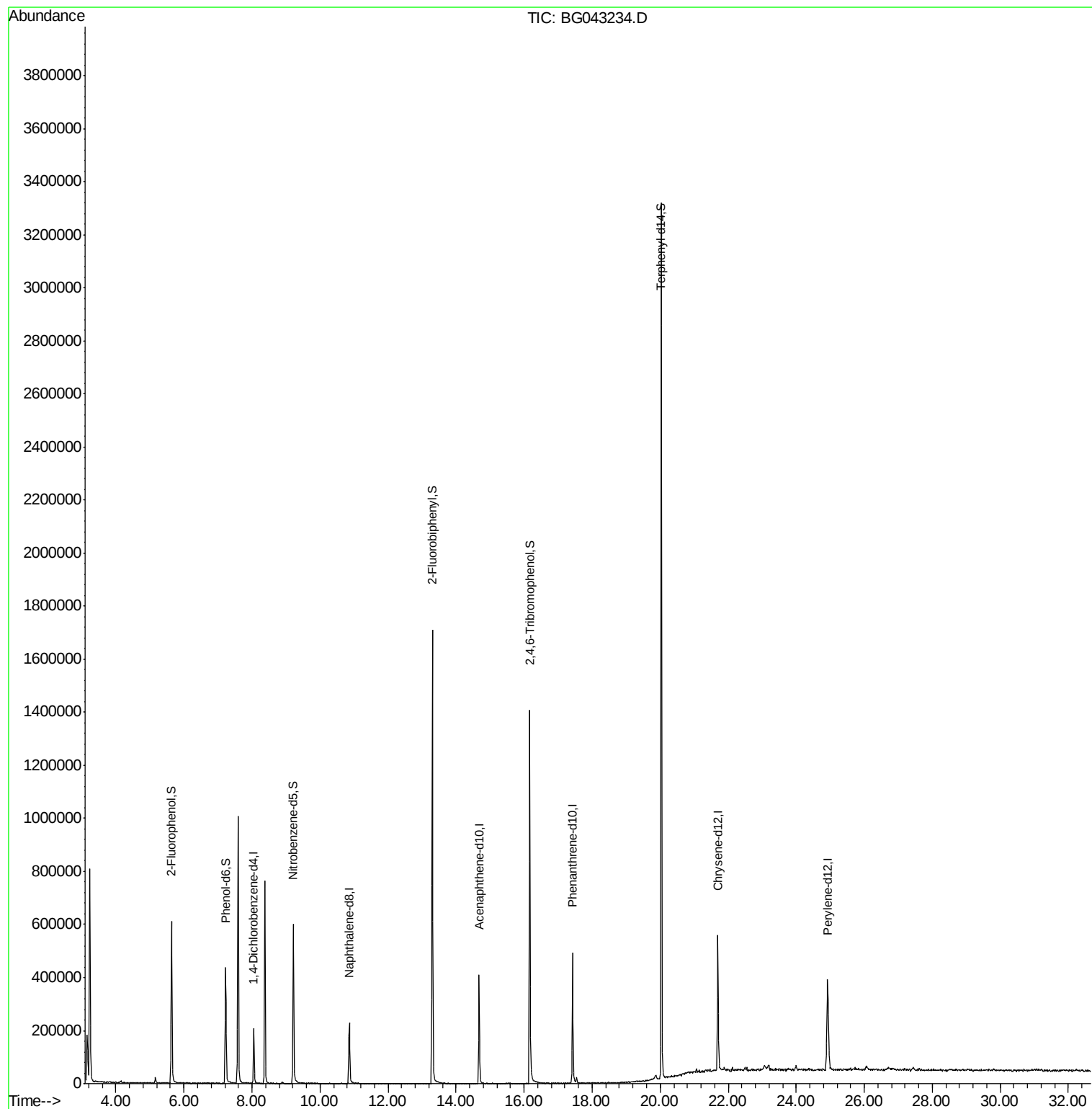
Target Compounds Qvalue

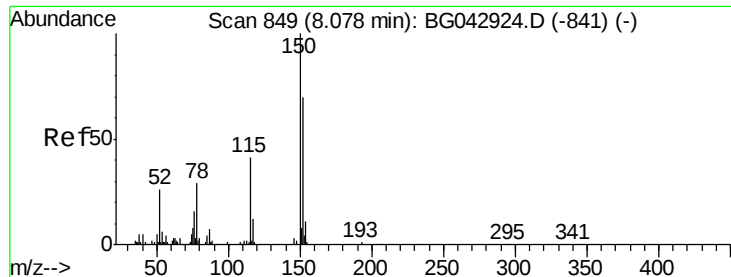
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043234.D
Acq On : 16 Oct 2019 3:01
Operator : JU
Sample : PB123985BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123985BL

Quant Time: Oct 16 06:00:17 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



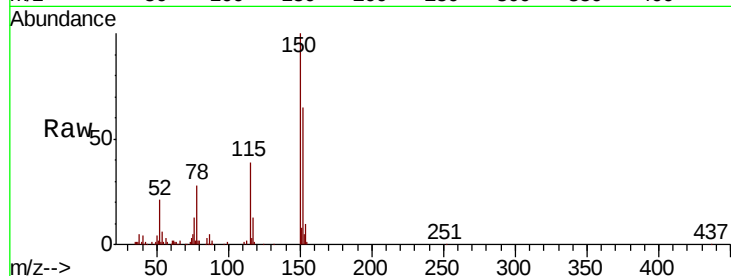


#1

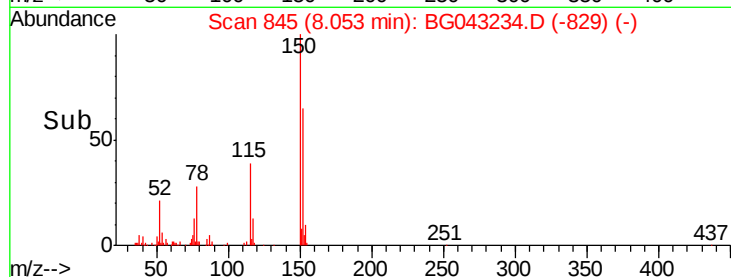
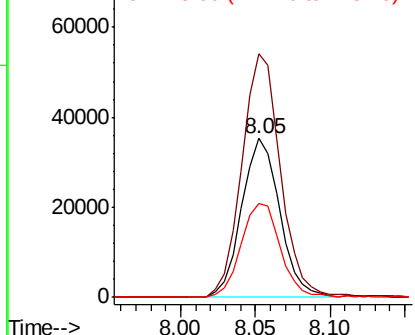
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043234.D
Acq: 16 Oct 2019 3:01

Instrument :
BNA_G
ClientSampleId :
PB123985BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	115.0	172.4
115	59.2	47.0	70.6



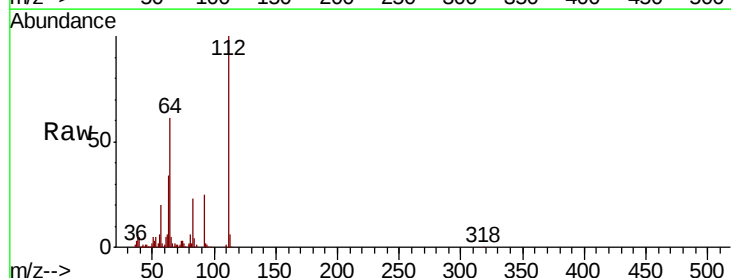
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



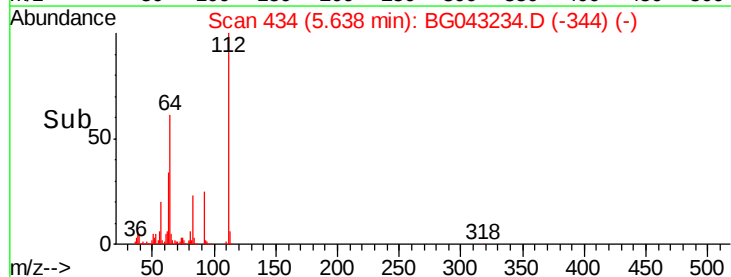
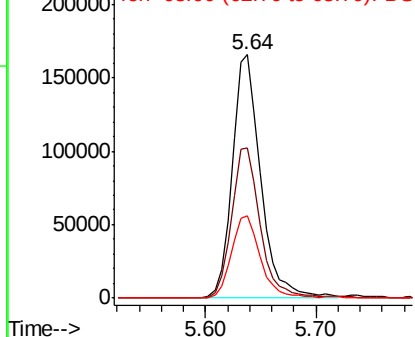
#5

2-Fluorophenol
Concen: 85.366 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG043234.D
Acq: 16 Oct 2019 3:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	56.6	84.8
63	34.0	35.1	52.7



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: 57.407 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043234.D

Acq: 16 Oct 2019 3:01

Instrument :

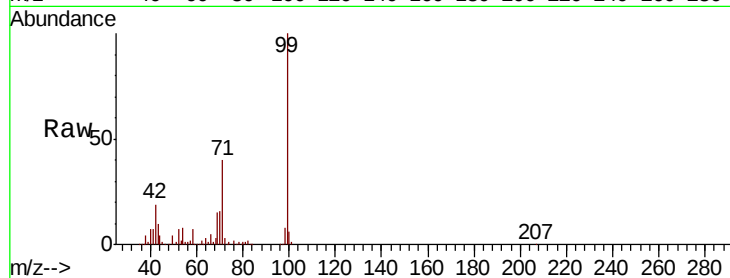
BNA_G

ClientSampleId :

PB123985BL

Tot Ion: 99 Resp: 288990

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.2	25.8
71	40.1	33.1	49.7

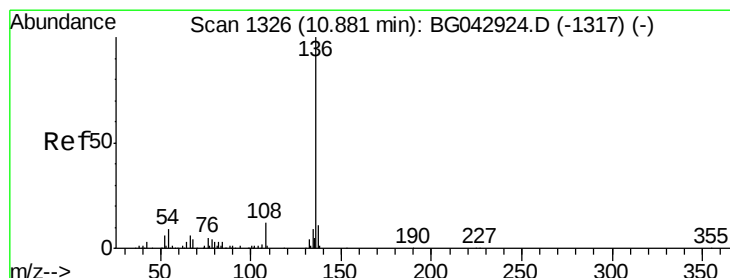
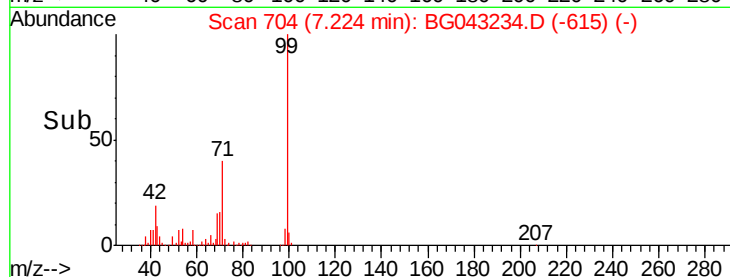
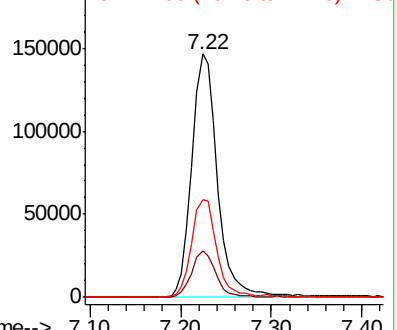


Abundance

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# 1323

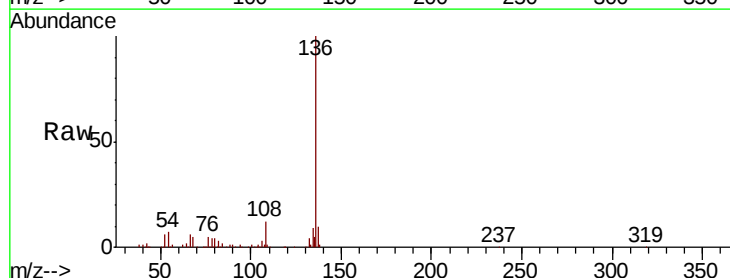
Delta R.T. -0.00 min

Lab File: BG043234.D

Acq: 16 Oct 2019 3:01

Tgt Ion: 136 Resp: 236348

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.5	12.7
54	7.5	7.4	11.2
68	5.5	3.6	5.4#



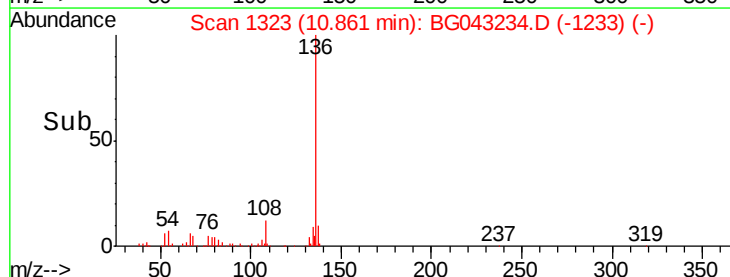
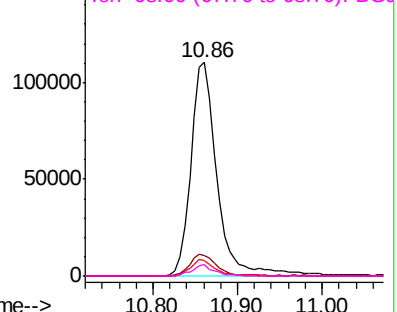
Abundance

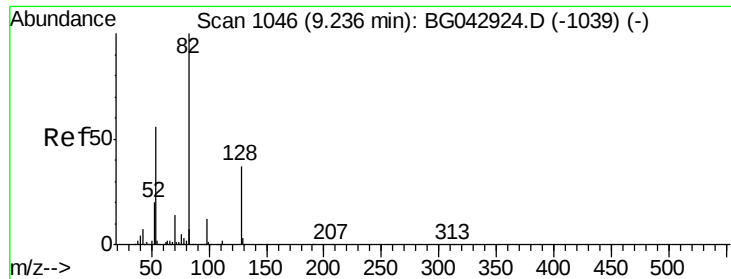
Ion 136.00 (135.70 to 136.70): BGC

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

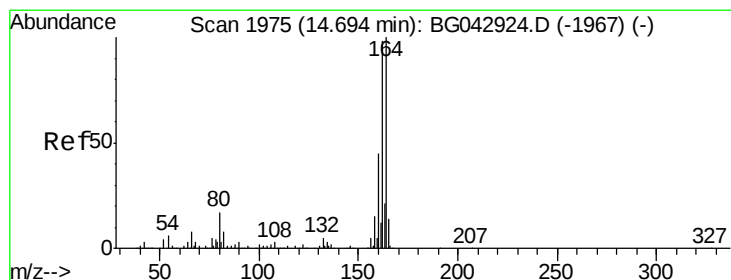
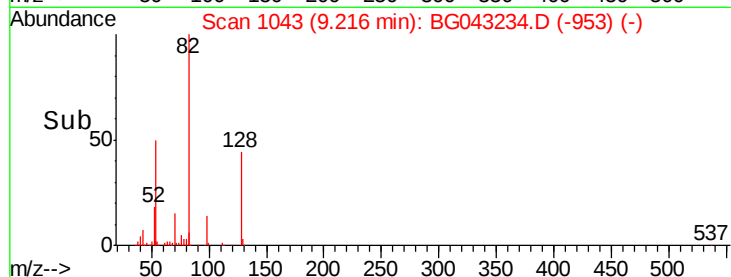
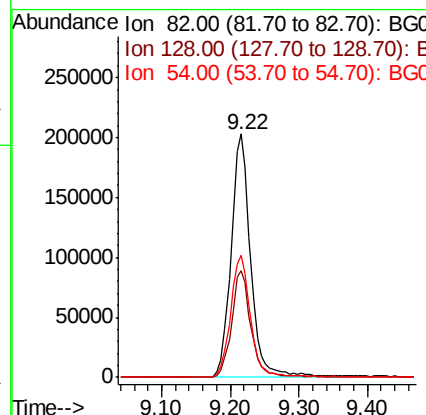
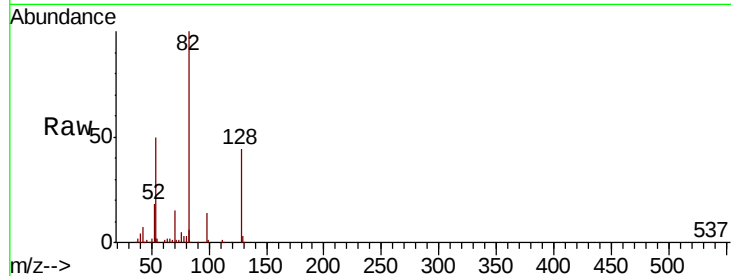




#23
 Nitrobenzene-d5
 Concen: 82.957 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043234.D
 Acq: 16 Oct 2019 3:01

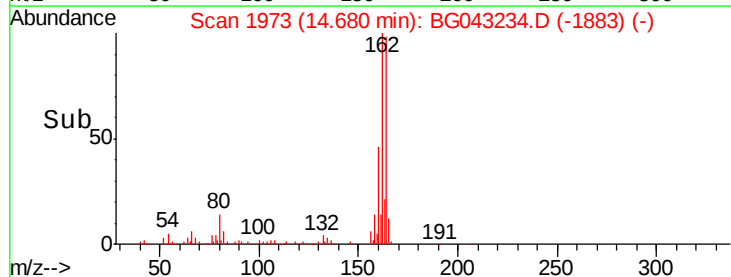
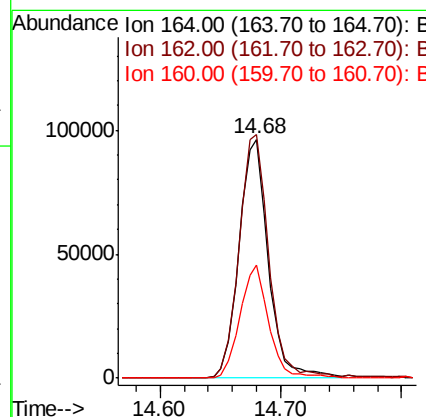
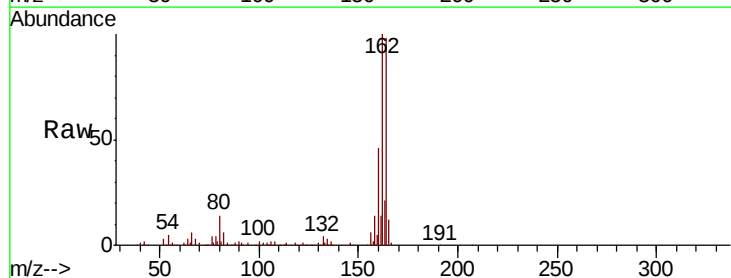
Instrument :
 BNA_G
 ClientSampleId :
 PB123985BL

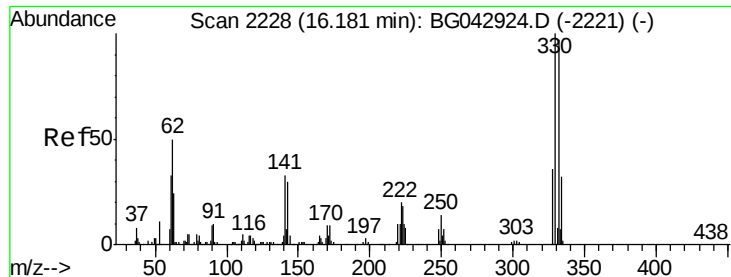
Tot Ion	82	Resp	403388
Ion Ratio	Lower	Upper	
82	100		
128	43.7	29.5	44.3
54	50.0	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG043234.D
 Acq: 16 Oct 2019 3:01

Tgt Ion	164	Resp	162734
Ion Ratio	Lower	Upper	
164	100		
162	101.9	78.5	117.7
160	47.3	35.9	53.9

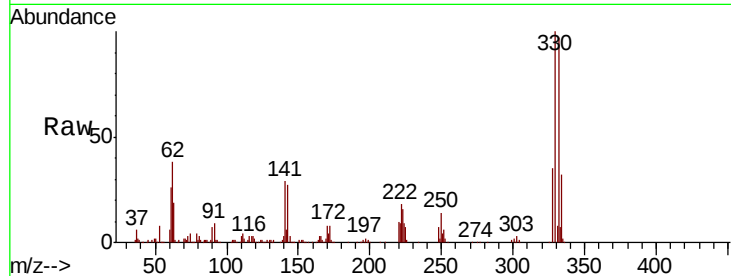




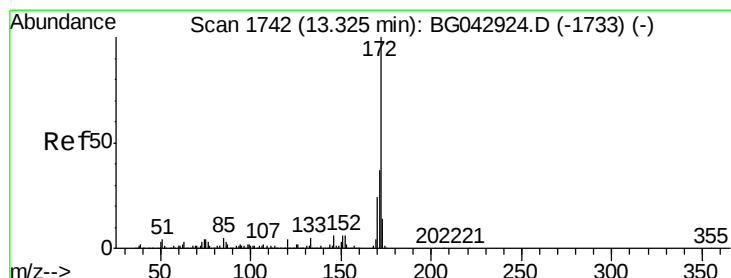
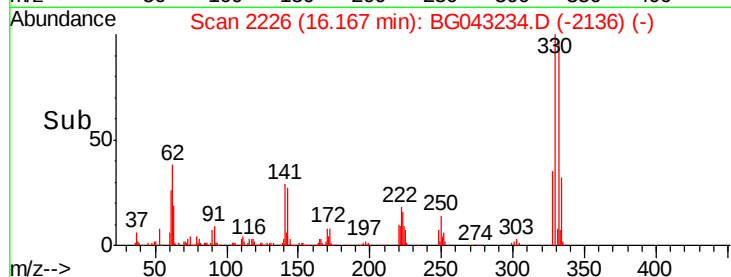
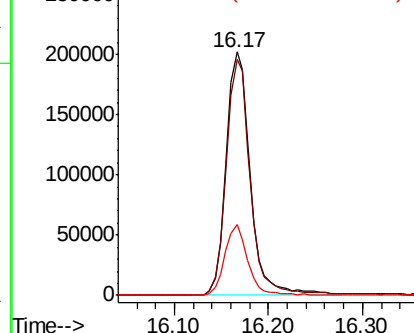
#42
 2,4,6-Tribromophenol
 Concen: 129.682 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG043234.D
 Acq: 16 Oct 2019 3:01

Instrument :
 BNA_G
 ClientSampleId :
 PB123985BL

Tot Ion:330 Resp: 362890
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 27.8 26.0 39.0

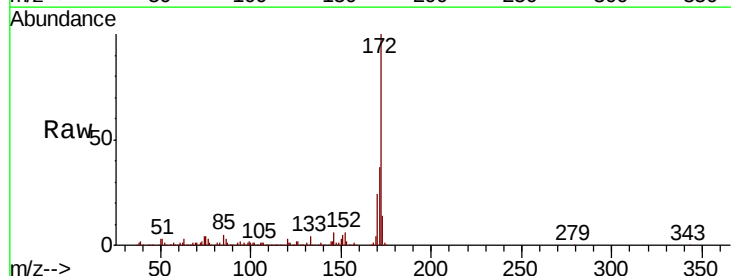


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

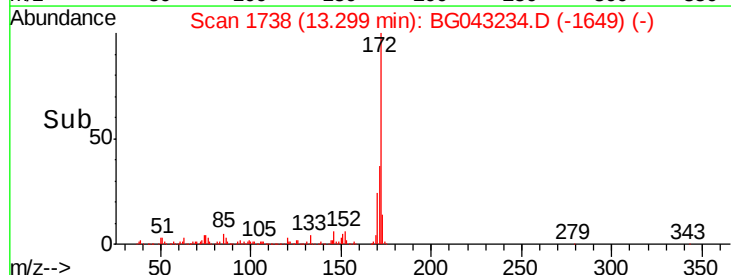
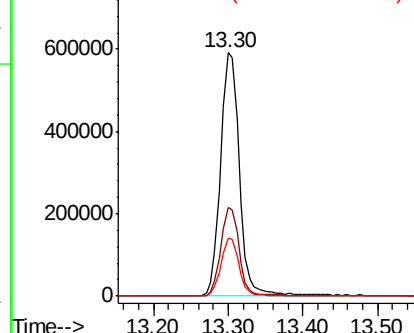


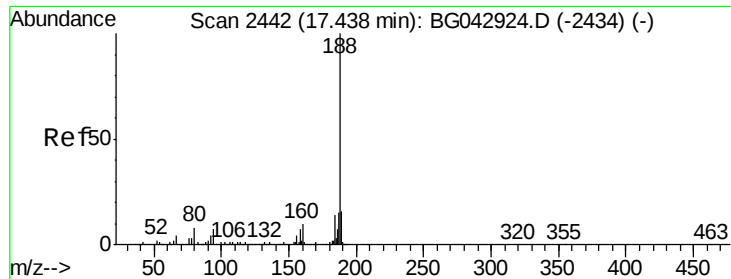
#45
 2-Fluorobiphenyl
 Concen: 92.817 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG043234.D
 Acq: 16 Oct 2019 3:01

Tgt Ion:172 Resp: 1041908
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 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# 2440

Delta R.T. 0.01 min

Lab File: BG043234.D

Acq: 16 Oct 2019 3:01

Instrument :

BNA_G

ClientSampled :

PB123985BL

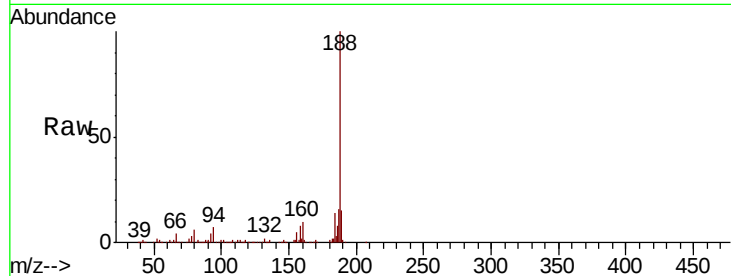
Tot Ion:188 Resp: 342658

Ion Ratio Lower Upper

188 100

94 7.0 5.7 8.5

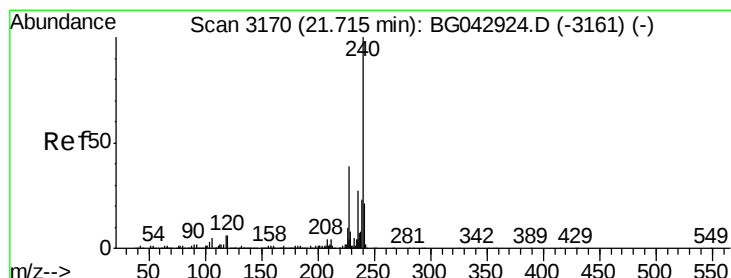
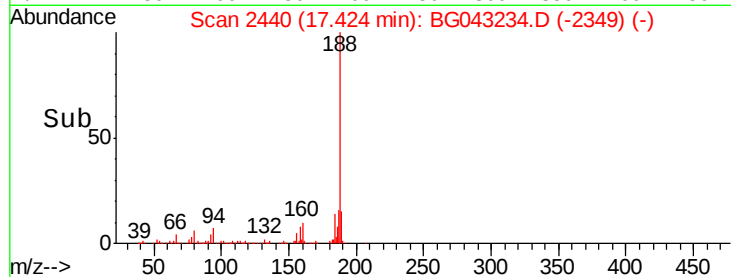
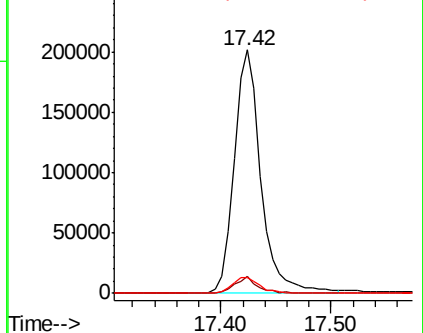
80 6.5 6.5 9.7#



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: BG043234.D

Acq: 16 Oct 2019 3:01

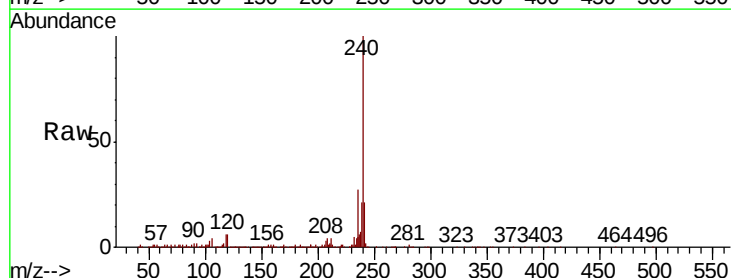
Tgt Ion:240 Resp: 361481

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

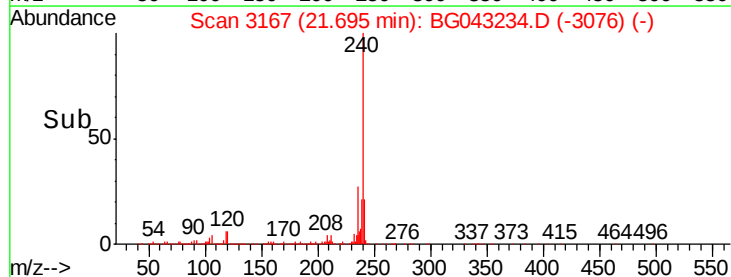
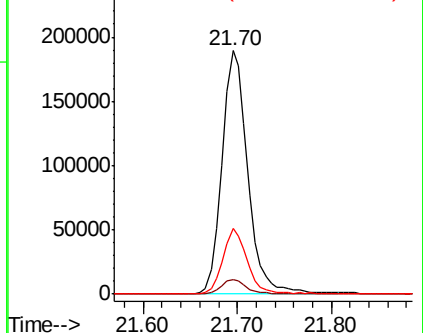
236 26.8 21.4 32.0

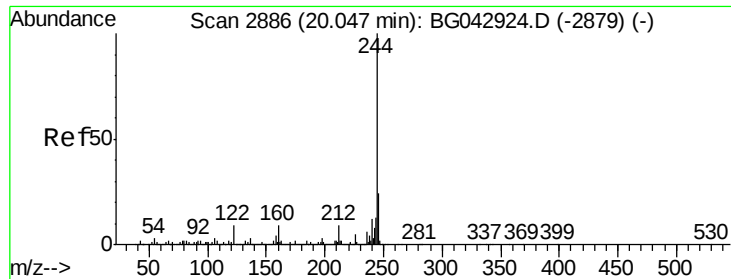


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.224 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043234.D

Acq: 16 Oct 2019 3:01

Instrument :

BNA_G

ClientSampleId :

PB123985BL

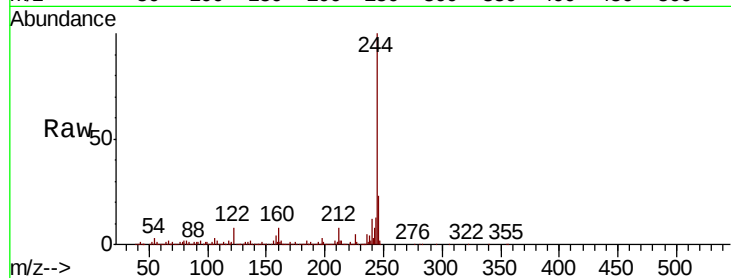
Tot Ion:244 Resp: 1717163

Ion Ratio Lower Upper

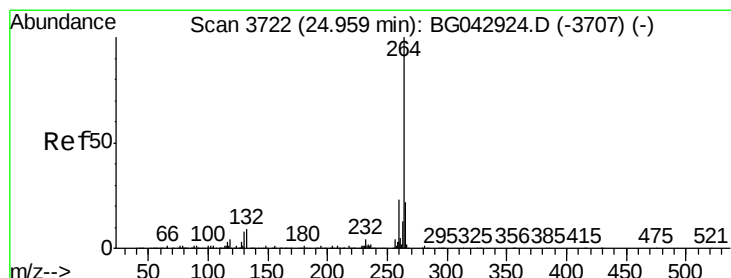
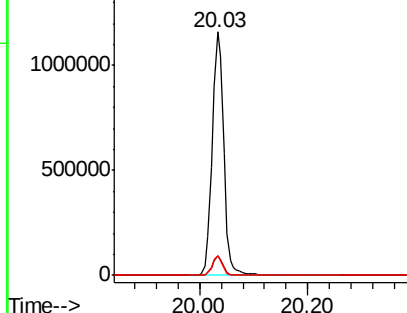
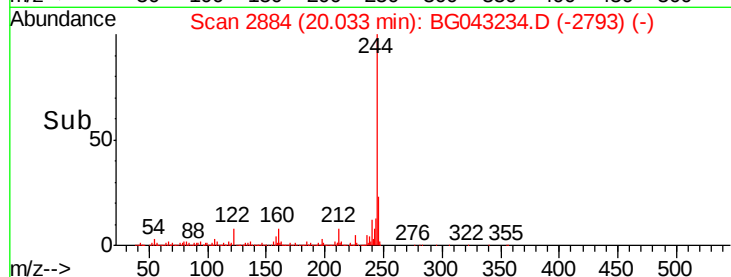
244 100

212 8.2 7.4 11.0

122 7.8 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: 24.93 min Scan# 3717

Delta R.T. 0.02 min

Lab File: BG043234.D

Acq: 16 Oct 2019 3:01

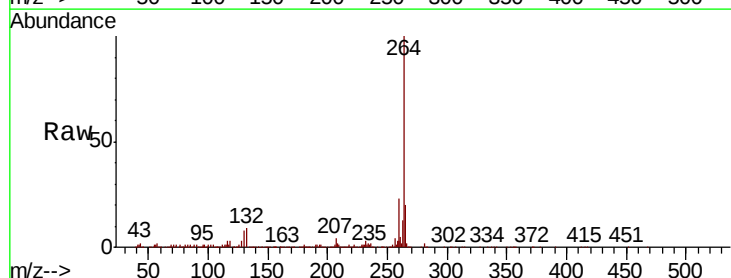
Tgt Ion:264 Resp: 432518

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.5 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

