

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043086.D
 Acq On : 8 Oct 2019 15:27
 Operator : JU
 Sample : PB123704BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BL

Quant Time: Oct 09 02:09:44 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	62325	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	213673	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	150055	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	383652	20.00	ng	0.00
76) Chrysene-d12	21.69	240	413746	20.00	ng	0.00
87) Perylene-d12	24.91	264	453879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	488545	139.89	ng	0.00
7) Phenol-d6	7.23	99	666926	132.61	ng	0.00
23) Nitrobenzene-d5	9.22	82	420877	95.74	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	421563	163.38	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1027671	99.28	ng	0.00
79) Terphenyl-d14	20.03	244	2100748	108.19	ng	0.00

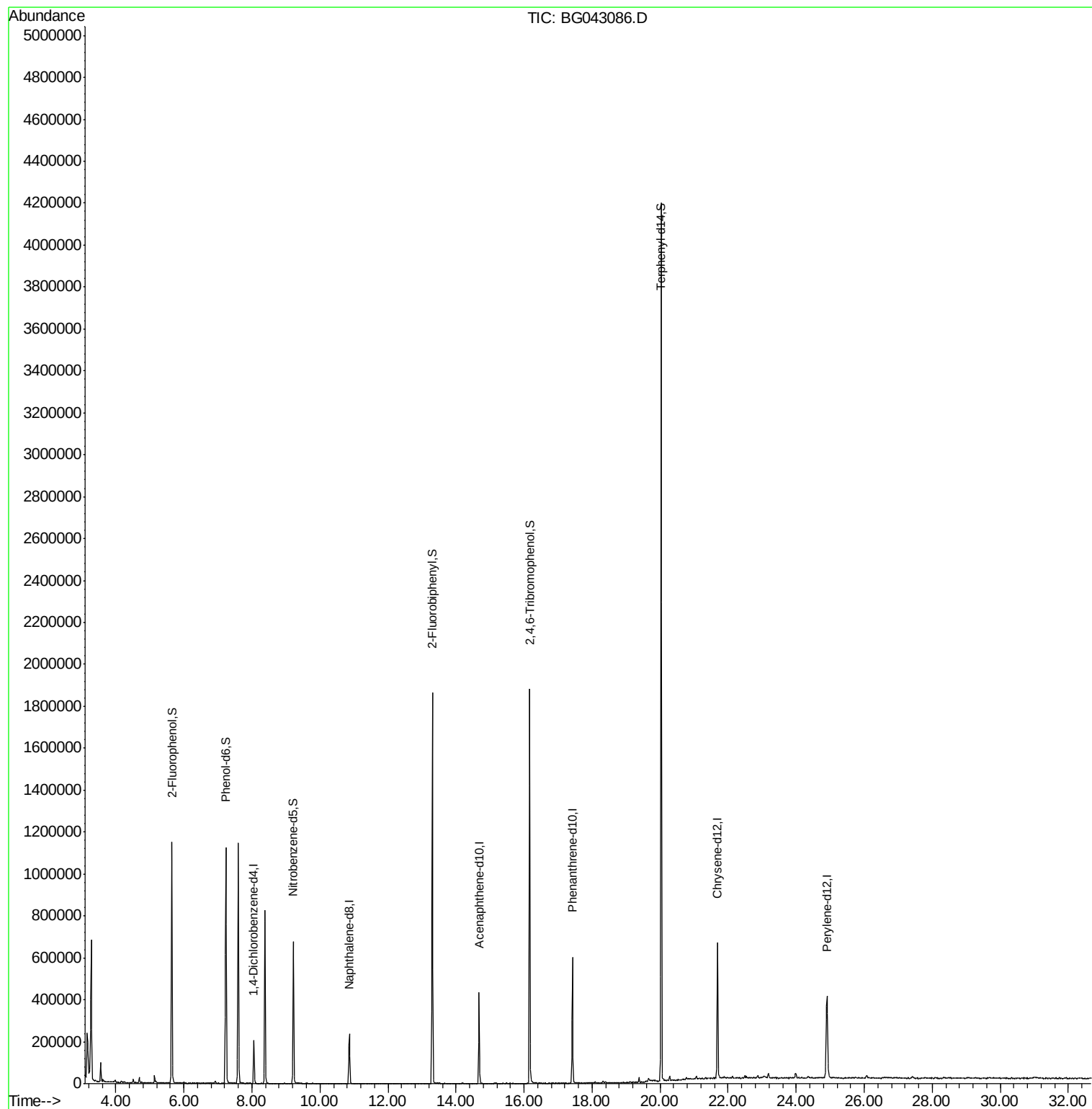
Target Compounds Qvalue

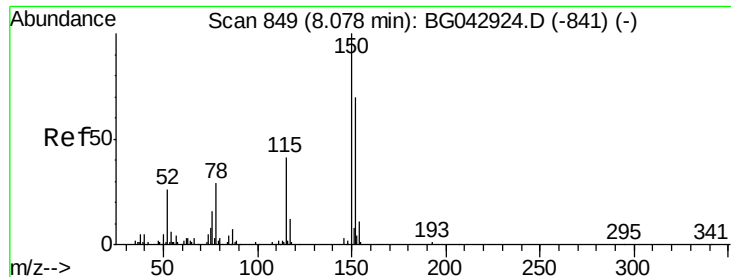
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043086.D
Acq On : 8 Oct 2019 15:27
Operator : JU
Sample : PB123704BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123704BL

Quant Time: Oct 09 02:09:44 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



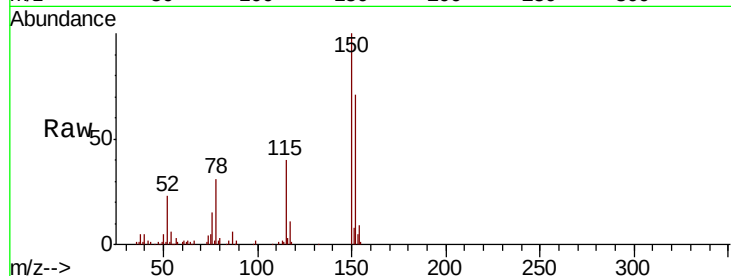


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG043086.D
Acq: 8 Oct 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB123704BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.8	115.0	172.4
115	57.0	47.0	70.6

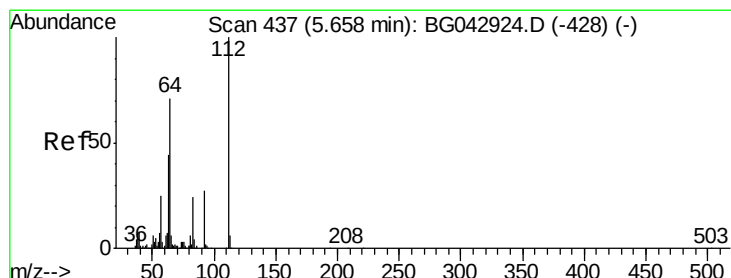
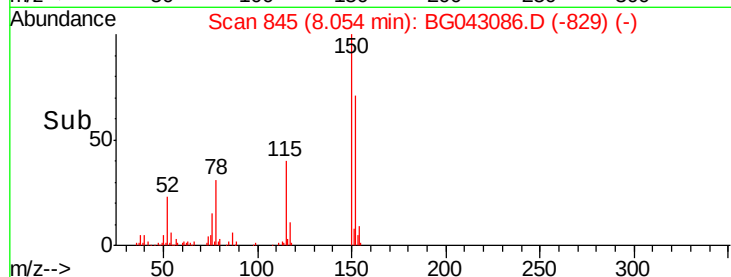
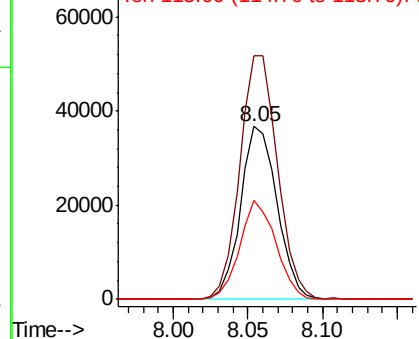


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

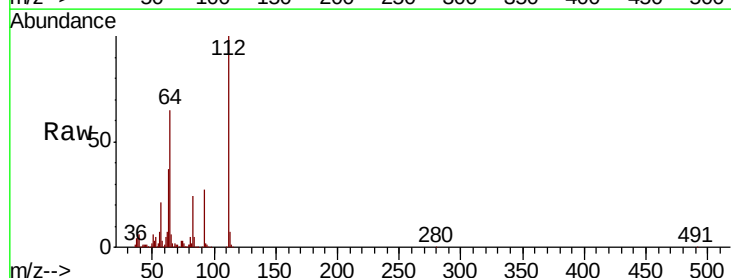
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.891 ng
RT: 5.65 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG043086.D
Acq: 8 Oct 2019 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.6	84.8
63	37.1	35.1	52.7

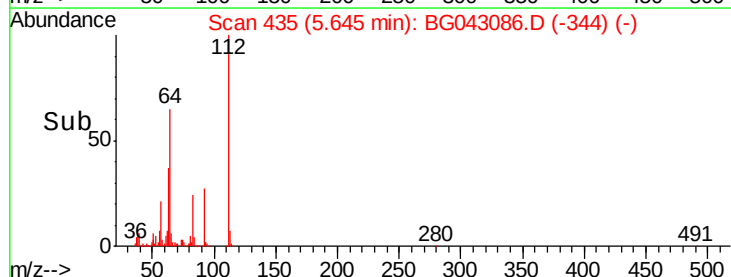
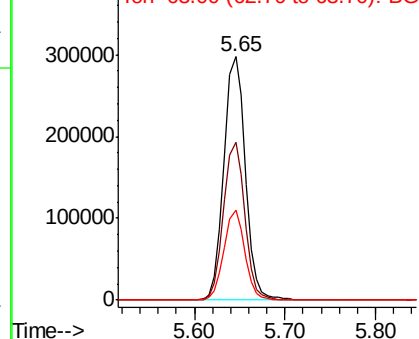


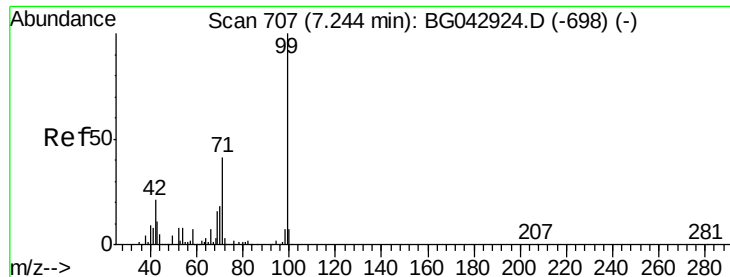
Abundance

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: 132.612 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB123704BL

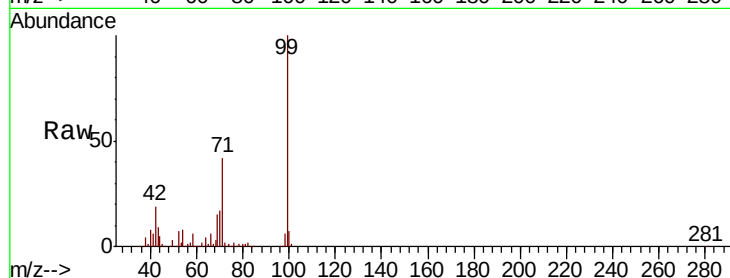
Tot Ion: 99 Resp: 666926

Ion Ratio Lower Upper

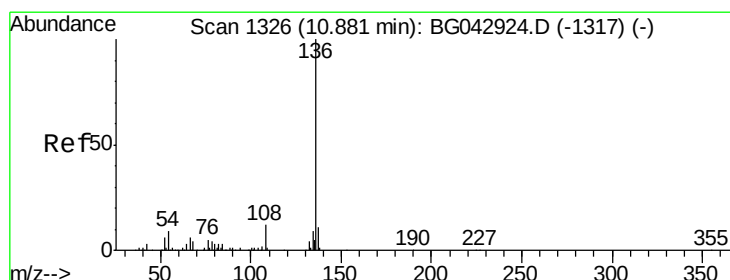
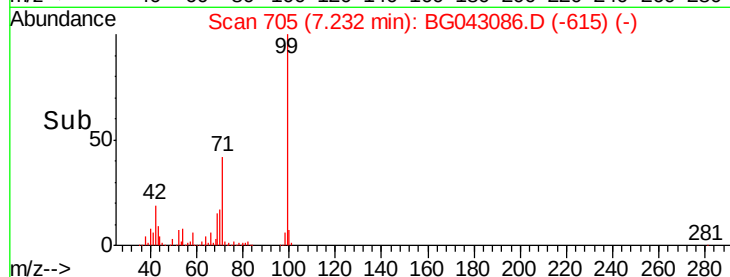
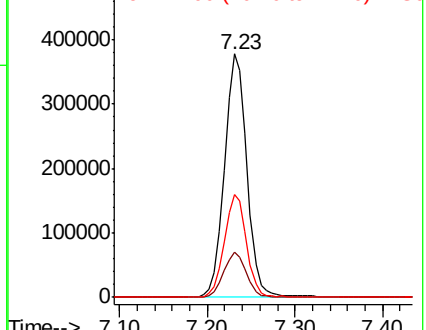
99 100

42 18.6 17.2 25.8

71 42.0 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# 1323

Delta R.T. 0.00 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

Tgt Ion: 136 Resp: 213673

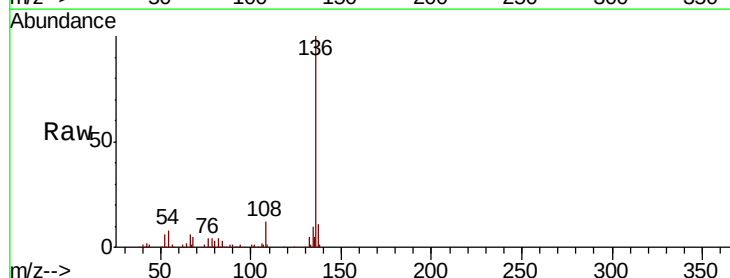
Ion Ratio Lower Upper

136 100

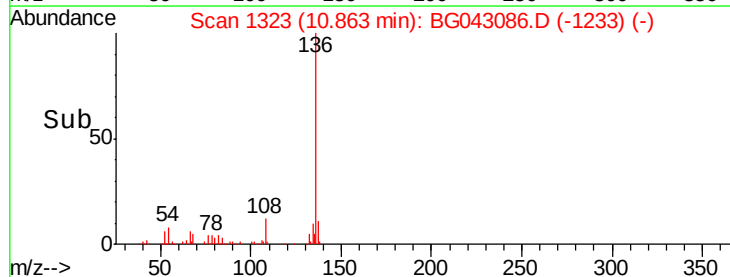
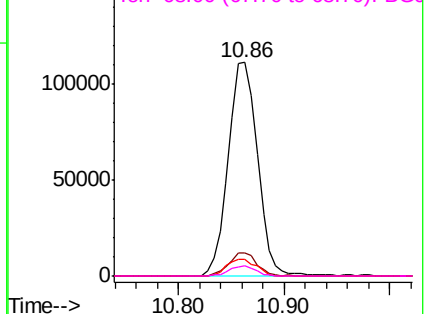
137 10.7 8.5 12.7

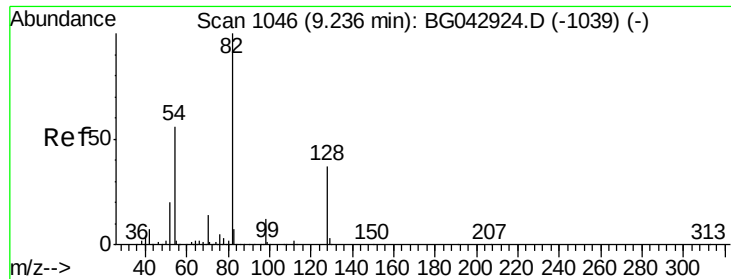
54 8.0 7.4 11.2

68 4.6 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

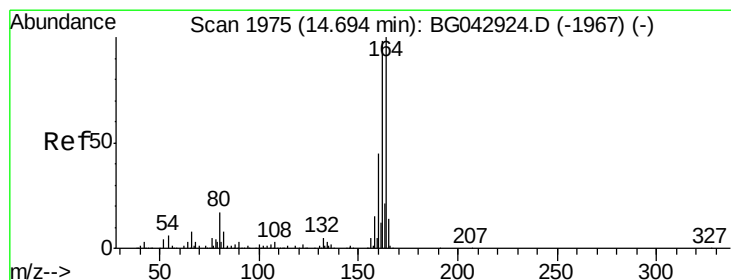
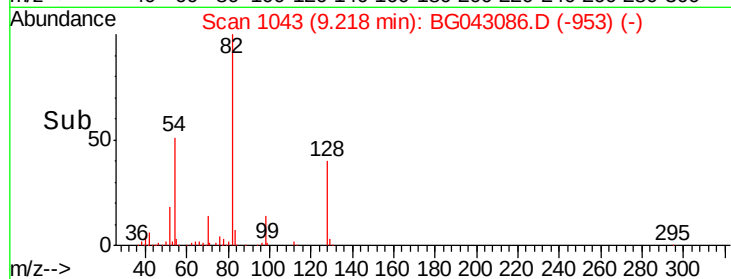
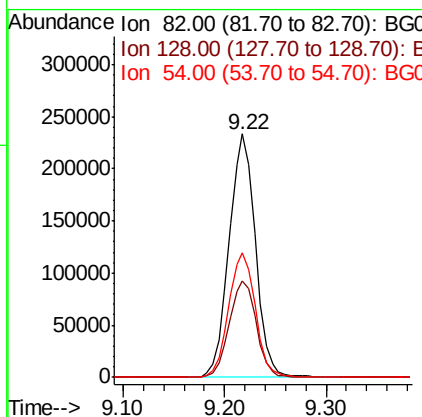
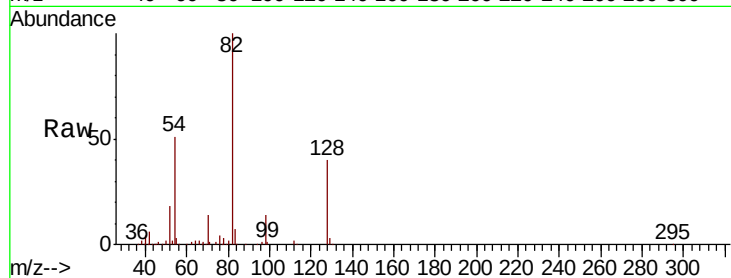




#23
 Nitrobenzene-d5
 Concen: 95.739 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG043086.D
 Acq: 8 Oct 2019 15:27

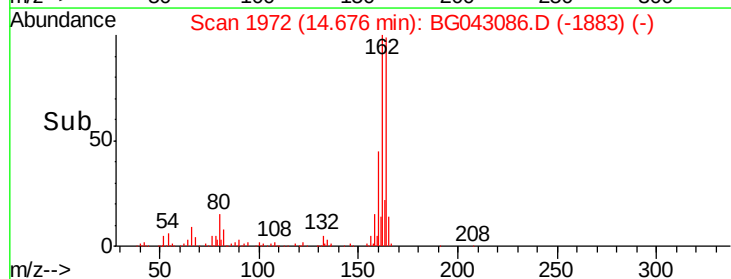
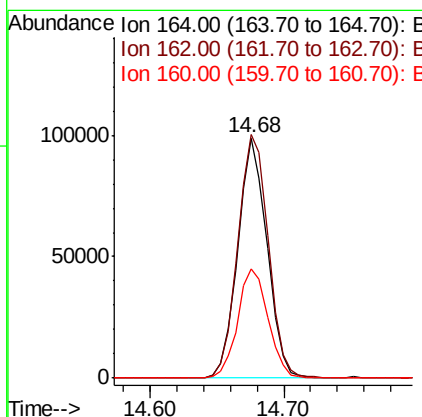
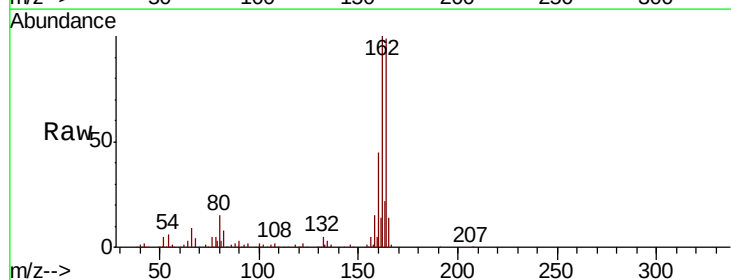
Instrument :
 BNA_G
 ClientSampleId :
 PB123704BL

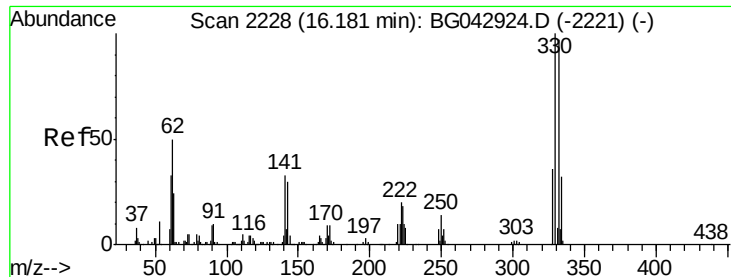
Tot Ion	82	Resp	420877
Ion Ratio	Lower	Upper	
82	100		
128	39.7	29.5	44.3
54	51.0	44.6	67.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG043086.D
 Acq: 8 Oct 2019 15:27

Tgt Ion	164	Resp	150055
Ion Ratio	Lower	Upper	
164	100		
162	101.3	78.5	117.7
160	45.6	35.9	53.9

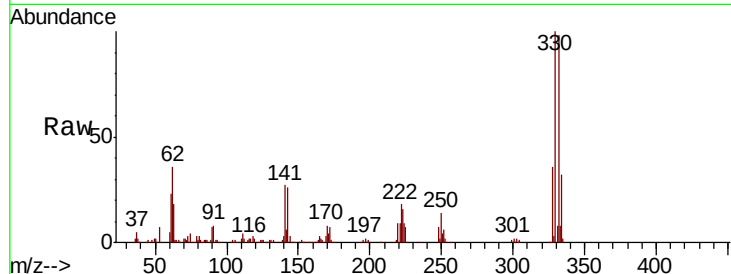




#42
 2,4,6-Tribromophenol
 Concen: 163.378 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG043086.D
 Acq: 8 Oct 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	29.2	26.0	39.0

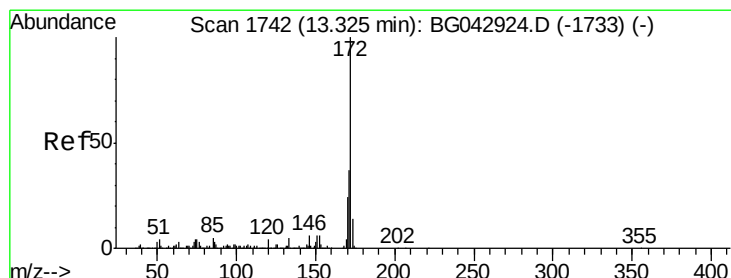
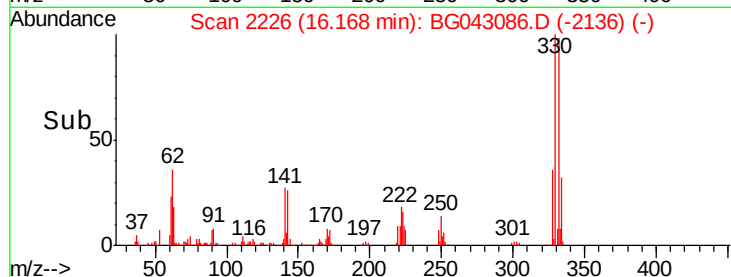
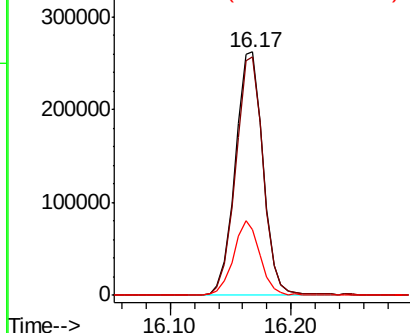


Abundance

Ion 329.80 (329.50 to 330.50): E

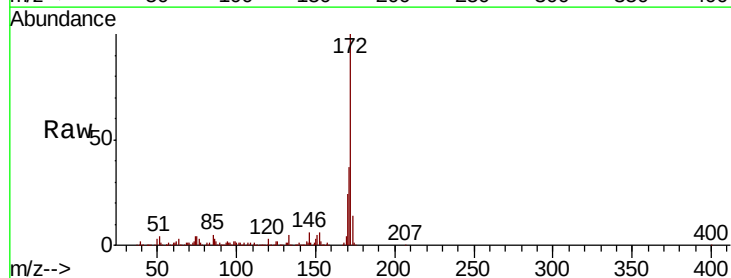
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.284 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG043086.D
 Acq: 8 Oct 2019 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	23.6	19.6	29.4

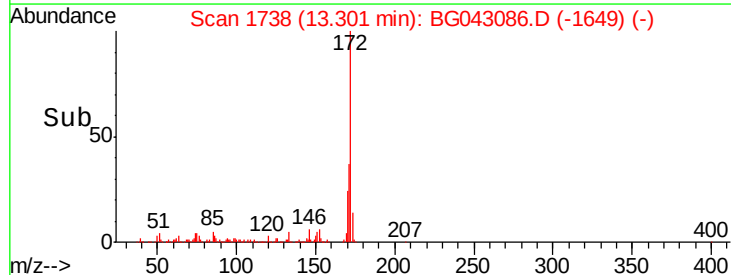
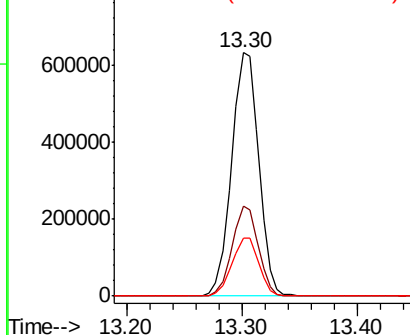


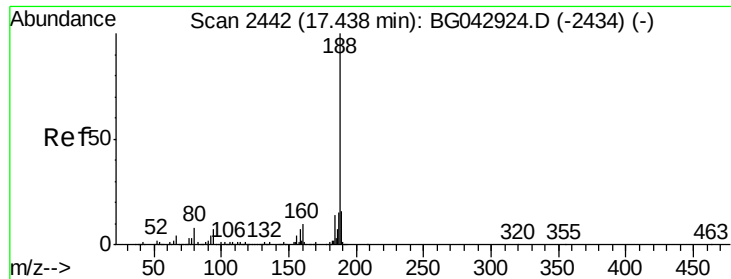
Abundance

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: BG043086.D

Acq: 8 Oct 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB123704BL

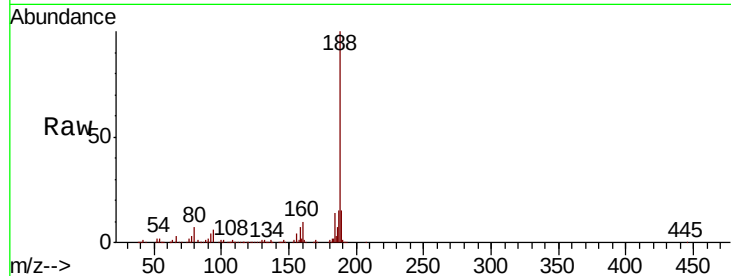
Tot Ion:188 Resp: 383652

Ion Ratio Lower Upper

188 100

94 5.7 5.7 8.5#

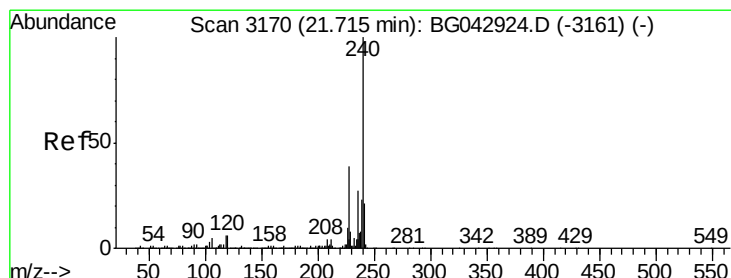
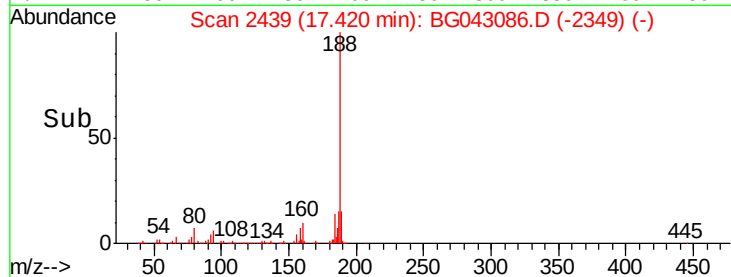
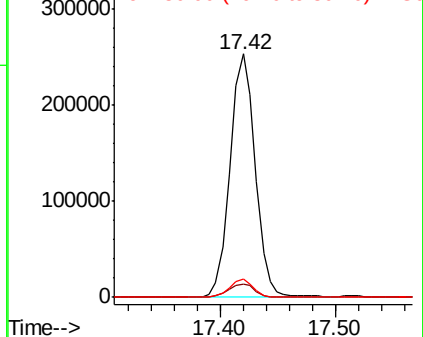
80 7.4 6.5 9.7



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: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

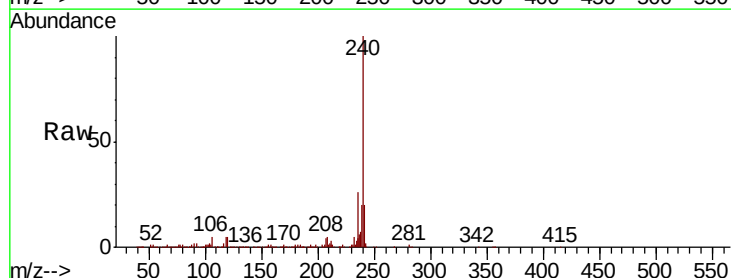
Tgt Ion:240 Resp: 413746

Ion Ratio Lower Upper

240 100

120 5.4 4.8 7.2

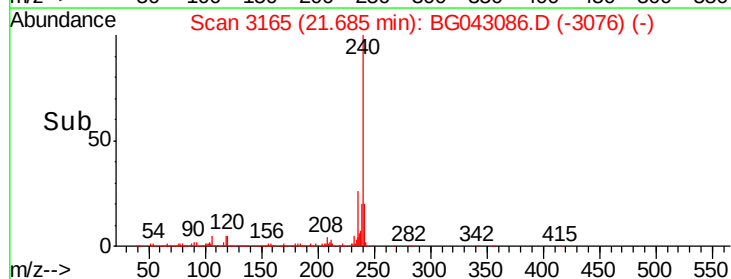
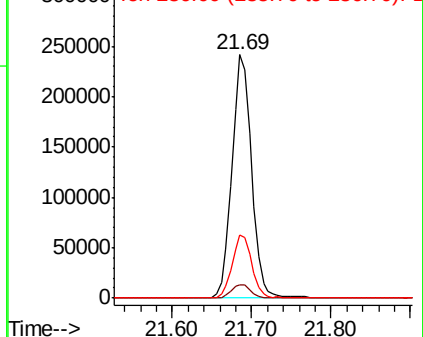
236 26.0 21.4 32.0

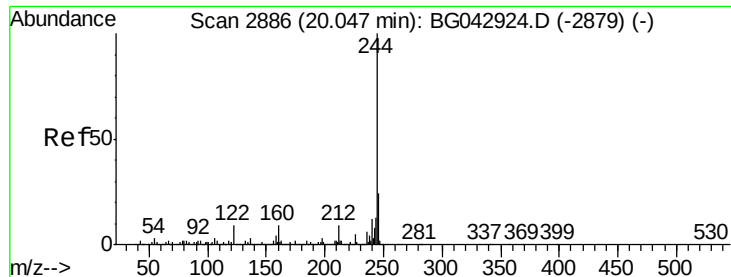


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 108.193 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB123704BL

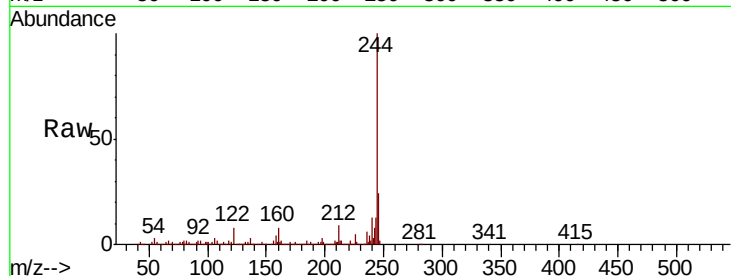
Tot Ion:244 Resp: 2100748

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

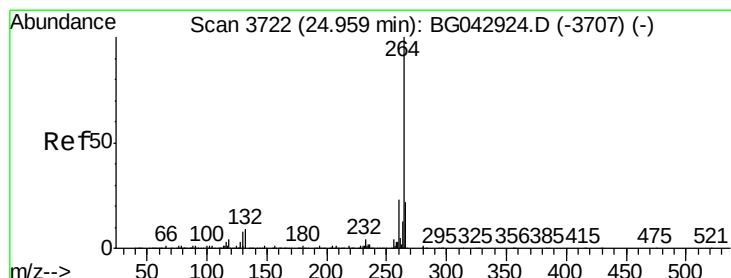
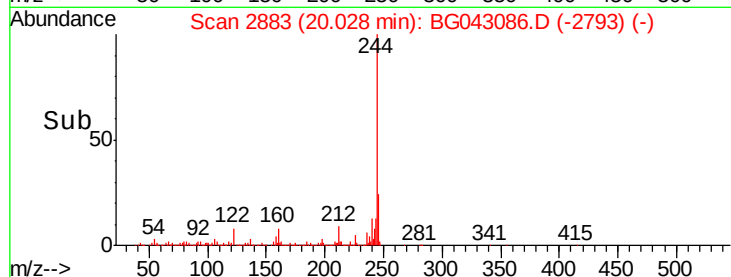
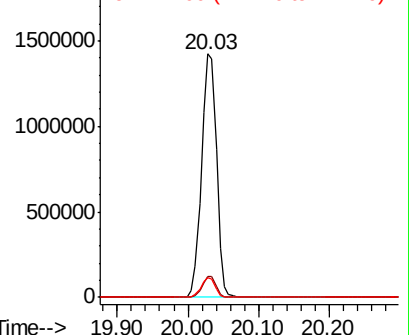
122 8.1 7.0 10.4



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: 24.91 min Scan# 3713

Delta R.T. -0.00 min

Lab File: BG043086.D

Acq: 8 Oct 2019 15:27

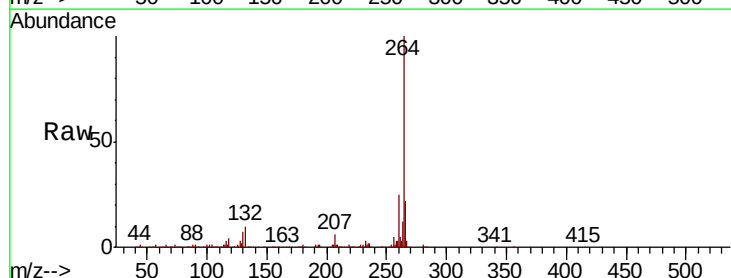
Tgt Ion:264 Resp: 453879

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

265 22.5 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

