

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043239.D
 Acq On : 16 Oct 2019 6:13
 Operator : JU
 Sample : K5335-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-GAC2-191010

Quant Time: Oct 16 08:27:24 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

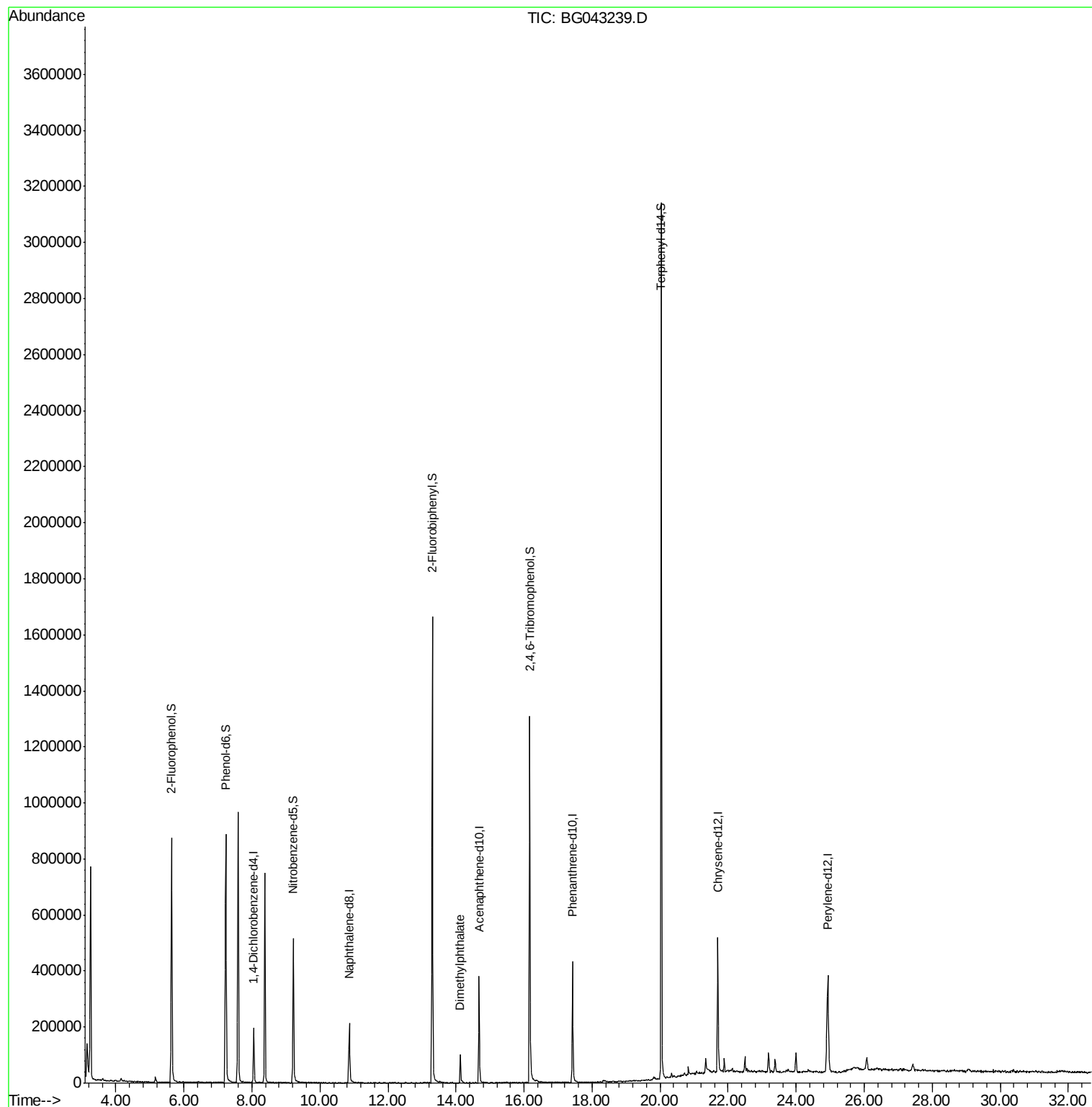
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60159	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	209556	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	150115	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	321626	20.00	ng	0.00
76) Chrysene-d12	21.70	240	340150	20.00	ng	0.00
87) Perylene-d12	24.92	264	403287	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	406820	120.68	ng	0.00
7) Phenol-d6	7.23	99	562714	115.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	361893	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	333834	129.33	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	977347	94.38	ng	0.00
79) Terphenyl-d14	20.03	244	1598365	100.13	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	81566	7.252	ng	Qvalue # 97

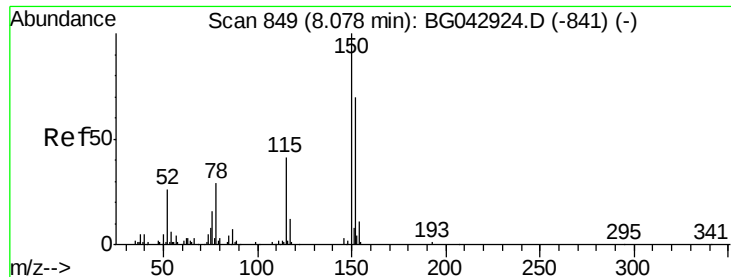
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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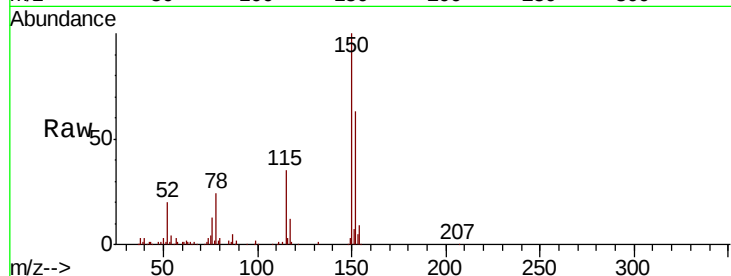


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043239.D
Acq: 16 Oct 2019 6:13

Instrument :
BNA_G
ClientSampleId :
IDW-GAC2-191010

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	115.0	172.4
115	55.0	47.0	70.6

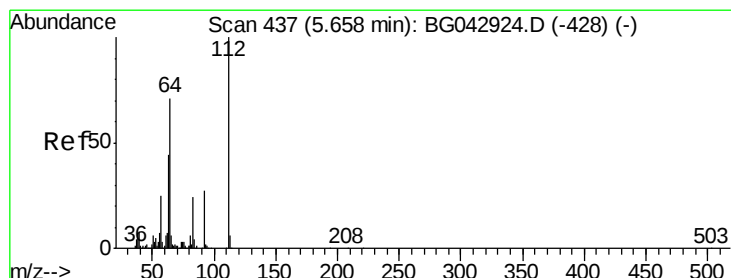
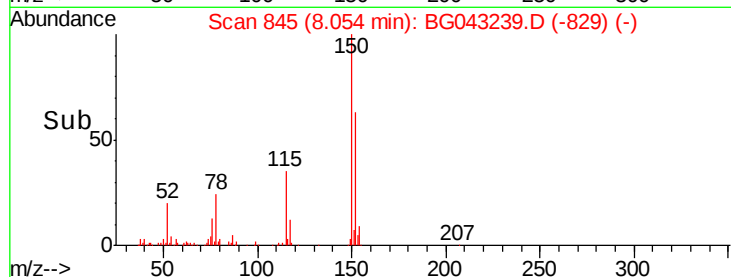
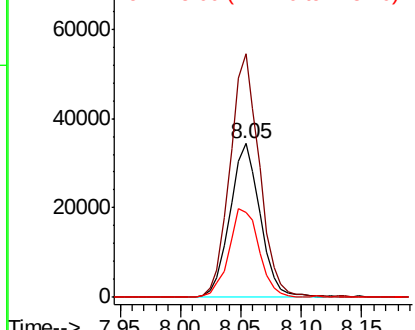


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

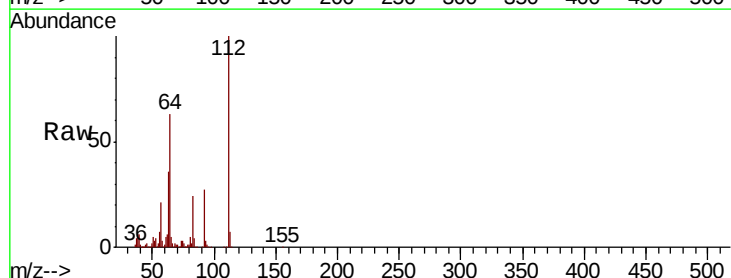
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.683 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG043239.D
Acq: 16 Oct 2019 6:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.6	84.8
63	36.2	35.1	52.7

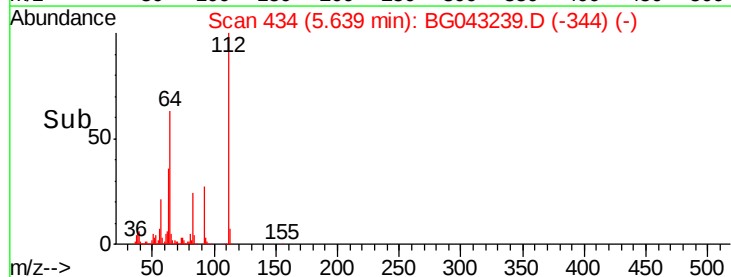
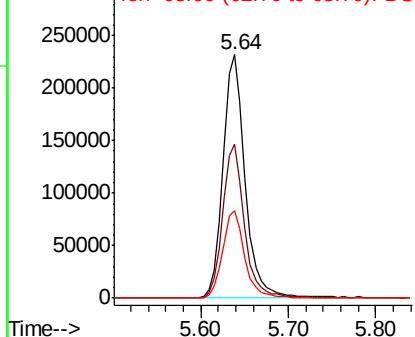


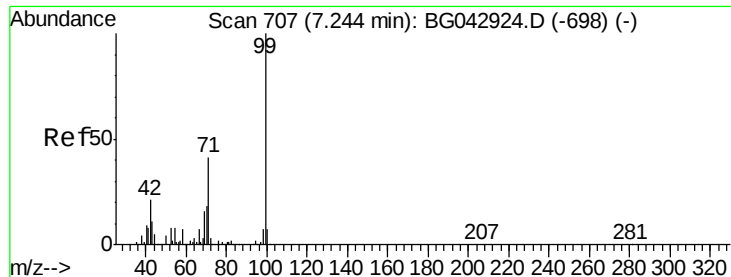
Abundance

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: 115.919 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043239.D

Acq: 16 Oct 2019 6:13

Instrument :

BNA_G

ClientSampleId :

IDW-GAC2-191010

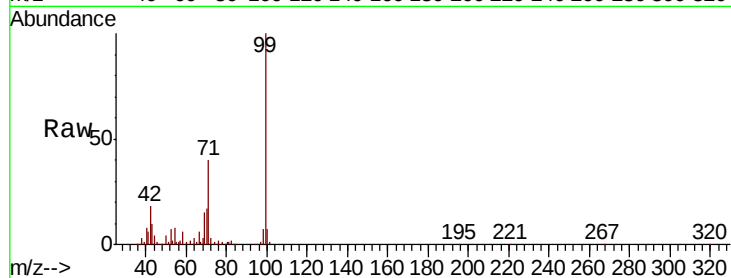
Tot Ion: 99 Resp: 562714

Ion Ratio Lower Upper

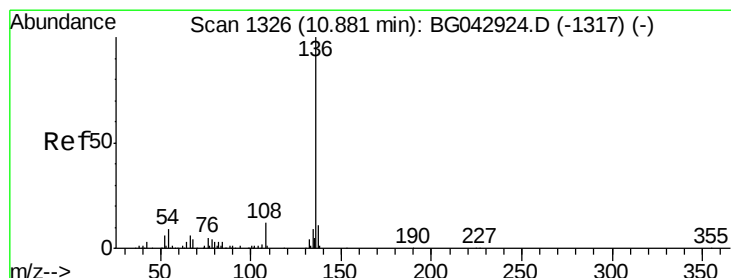
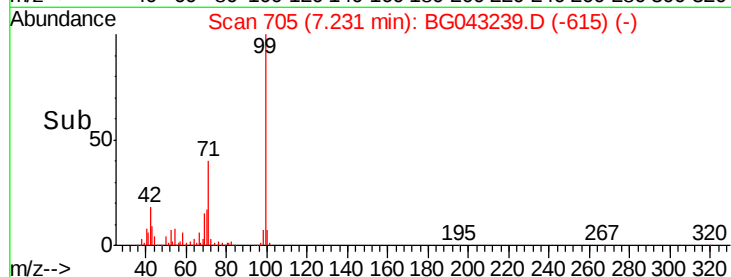
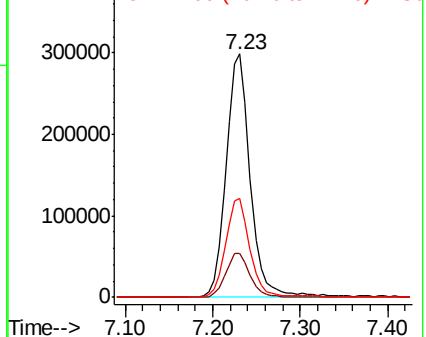
99 100

42 18.0 17.2 25.8

71 40.5 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. -0.01 min

Lab File: BG043239.D

Acq: 16 Oct 2019 6:13

Tgt Ion: 136 Resp: 209556

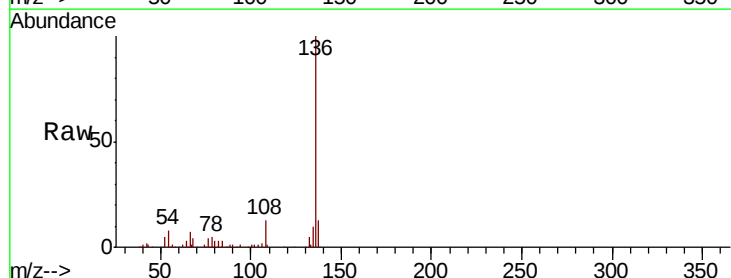
Ion Ratio Lower Upper

136 100

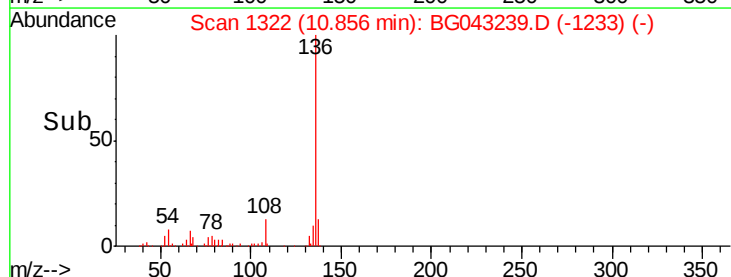
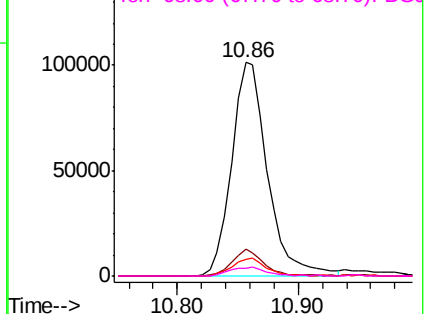
137 12.5 8.5 12.7

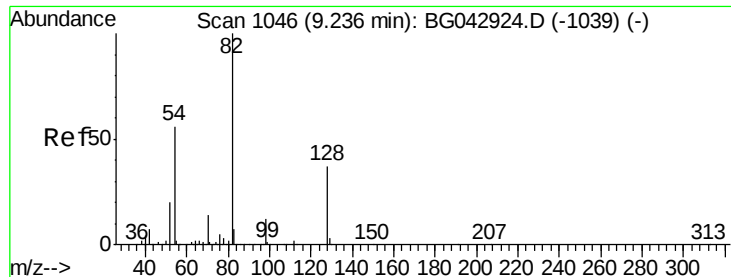
54 7.7 7.4 11.2

68 3.9 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

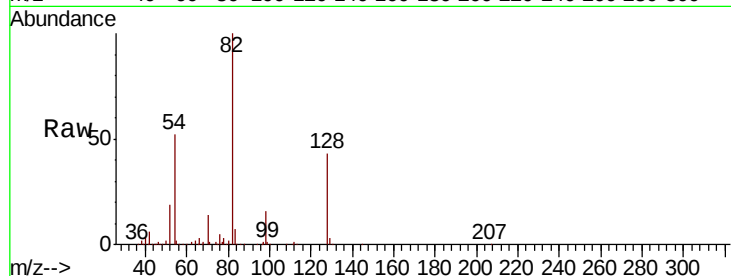




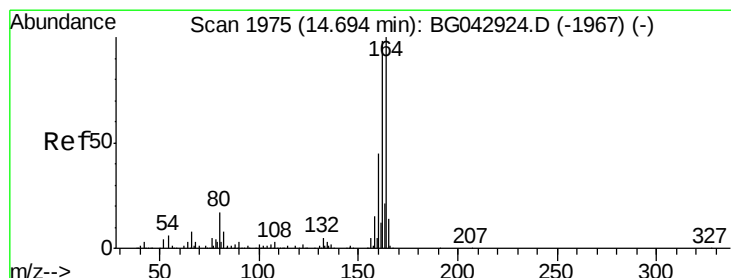
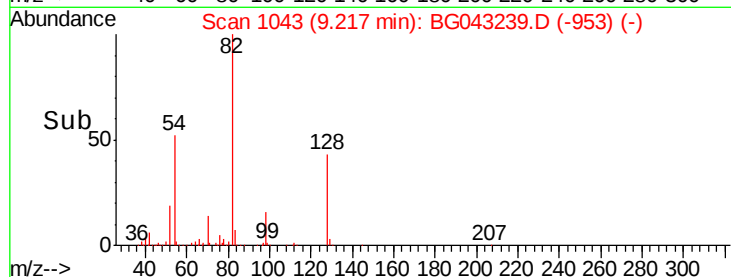
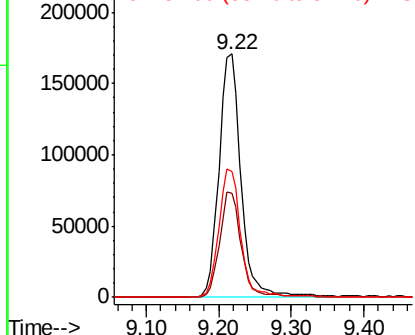
#23
Nitrobenzene-d5
Concen: 83.939 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BG043239.D
Acq: 16 Oct 2019 6:13

Instrument :
BNA_G
ClientSampleId :
IDW-GAC2-191010

Tot Ion	82	Resp	361893
Ion Ratio	Lower	Upper	
82	100		
128	42.7	29.5	44.3
54	51.7	44.6	67.0

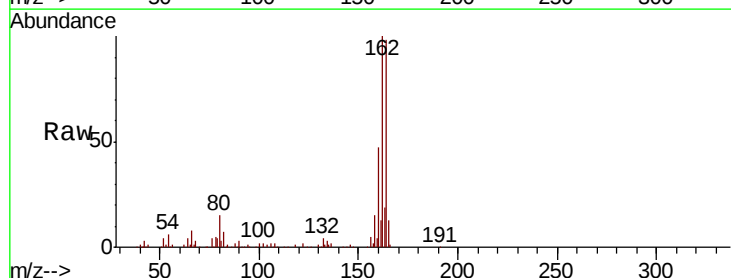


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

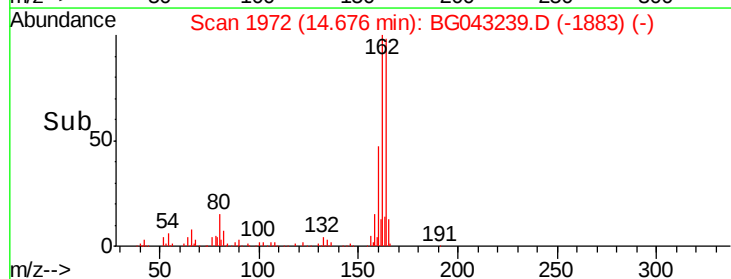
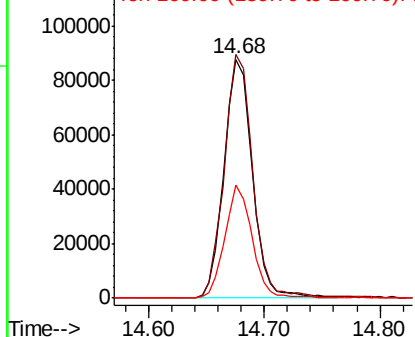


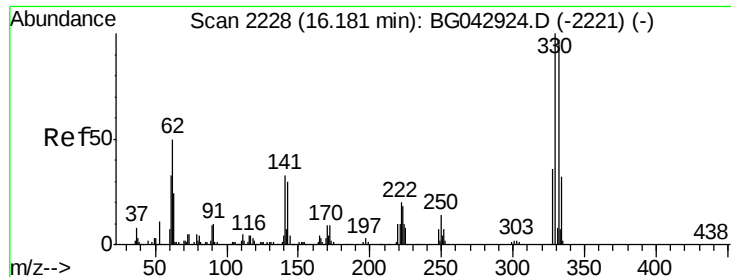
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG043239.D
Acq: 16 Oct 2019 6:13

Tgt Ion	164	Resp	150115
Ion Ratio	Lower	Upper	
164	100		
162	102.0	78.5	117.7
160	47.5	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

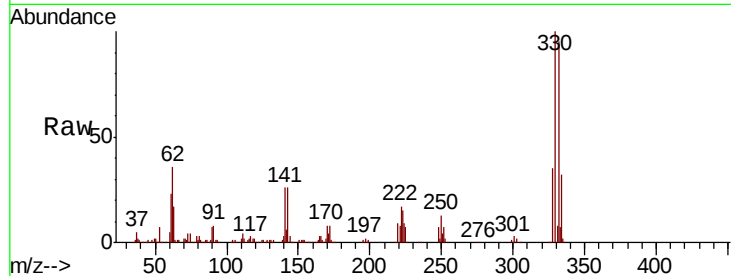




#42
 2,4,6-Tribromophenol
 Concen: 129.327 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG043239.D
 Acq: 16 Oct 2019 6:13

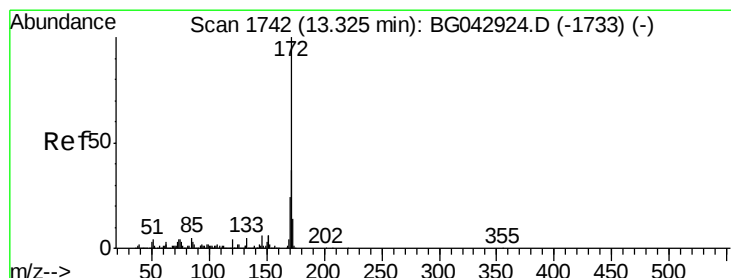
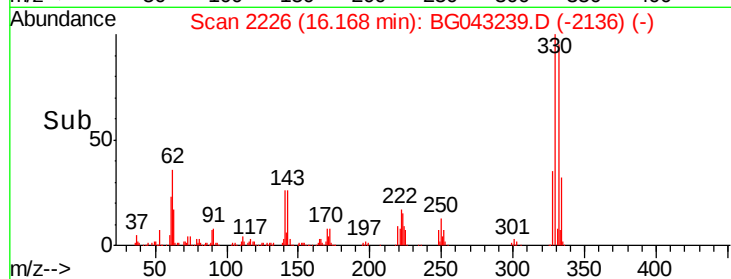
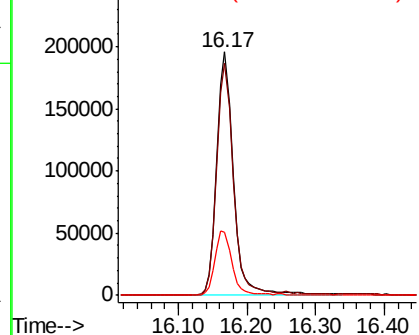
Instrument :
 BNA_G
 ClientSampleId :
 IDW-GAC2-191010

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.2	117.2
141	26.9	26.0	39.0



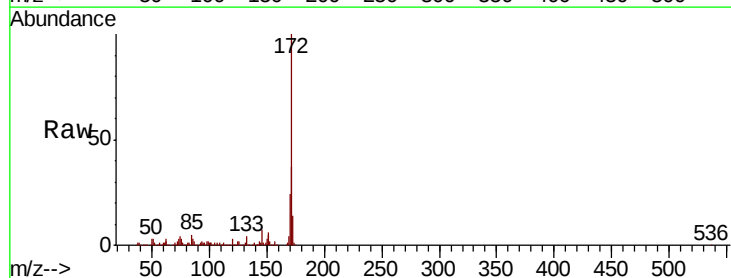
Abundance

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



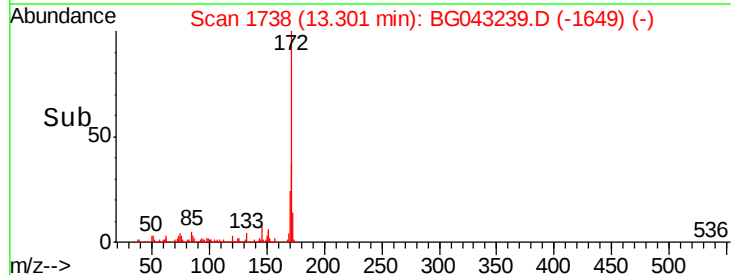
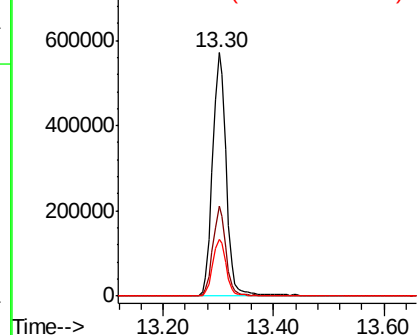
#45
 2-Fluorobiphenyl
 Concen: 94.385 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG043239.D
 Acq: 16 Oct 2019 6:13

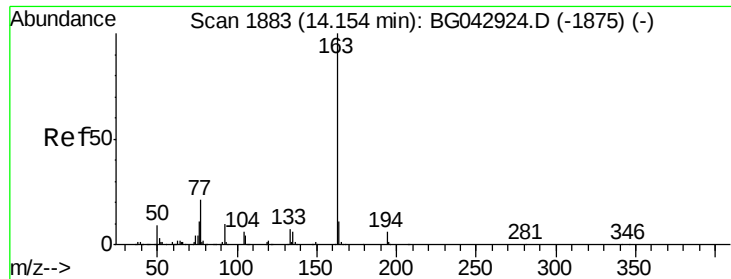
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.5	19.6	29.4



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





#50

Dimethylphthalate

Concen: 7.252 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG043239.D

Acq: 16 Oct 2019 6:13

Instrument :

BNA_G

ClientSampleId :

IDW-GAC2-191010

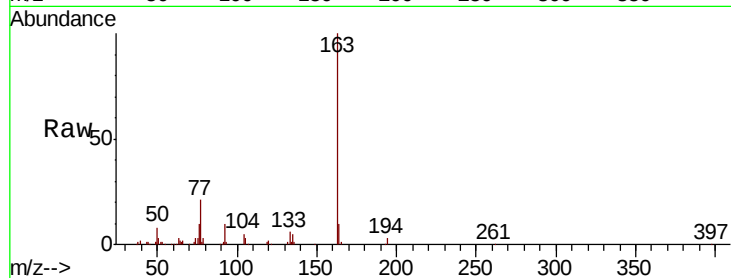
Tot Ion:163 Resp: 81566

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

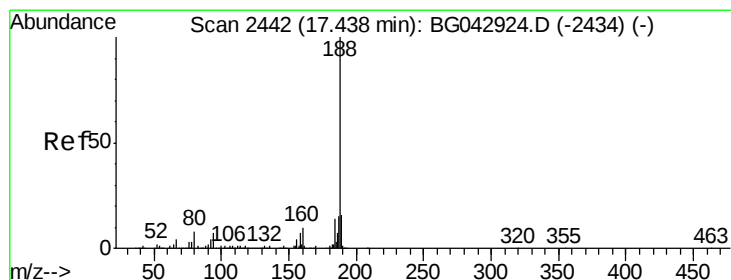
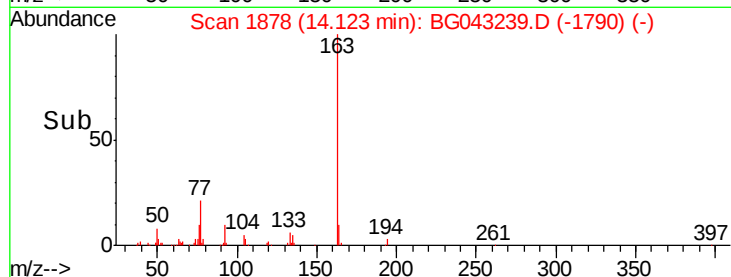
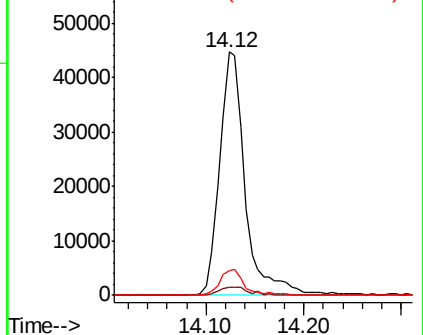
164 10.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG043239.D

Acq: 16 Oct 2019 6:13

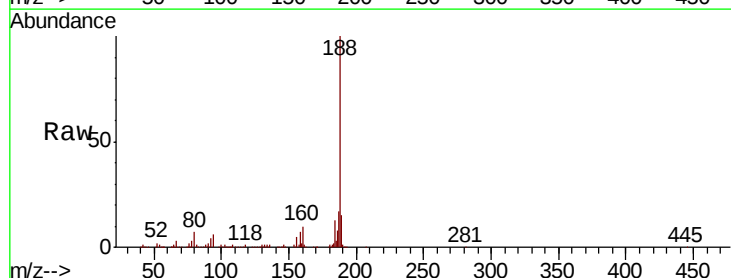
Tgt Ion:188 Resp: 321626

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

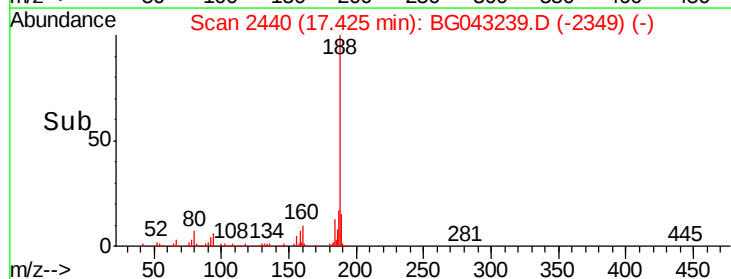
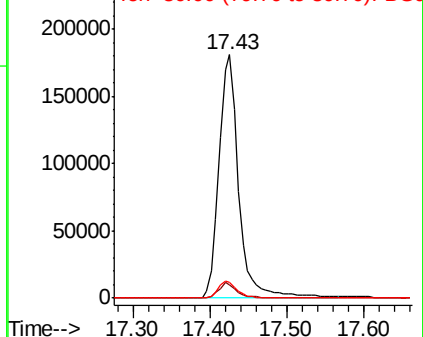
80 6.5 6.5 9.7

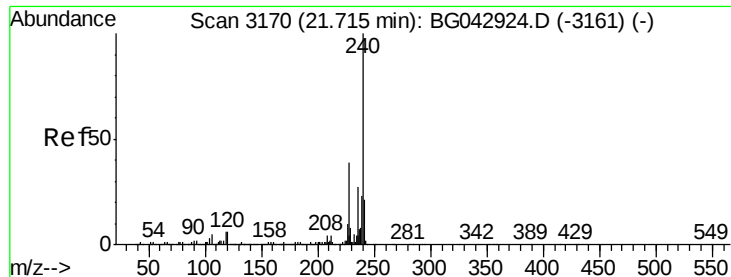


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG043239.D

Acq: 16 Oct 2019 6:13

Instrument :

BNA_G

ClientSampleId :

IDW-GAC2-191010

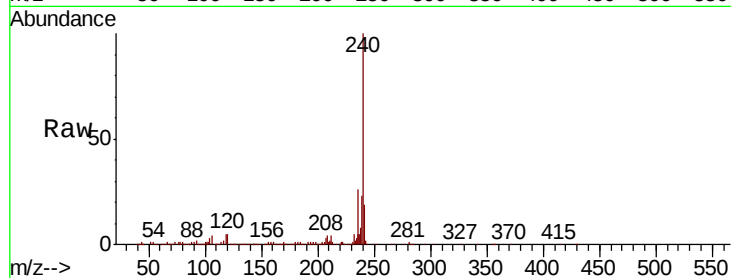
Tot Ion:240 Resp: 340150

Ion Ratio Lower Upper

240 100

120 5.5 4.8 7.2

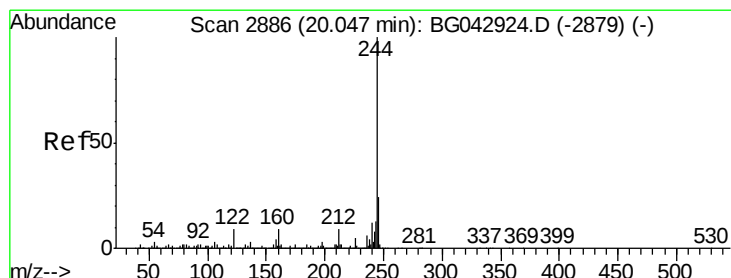
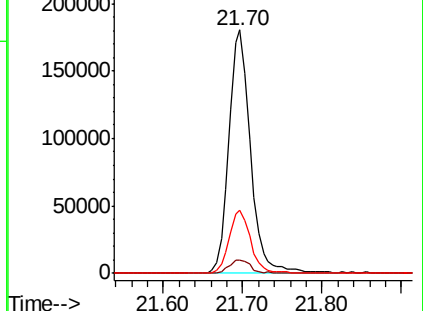
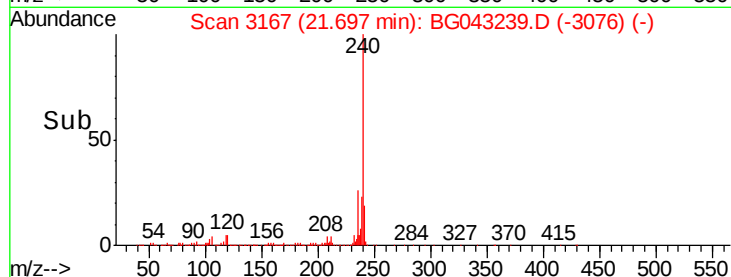
236 25.7 21.4 32.0



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: 100.130 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043239.D

Acq: 16 Oct 2019 6:13

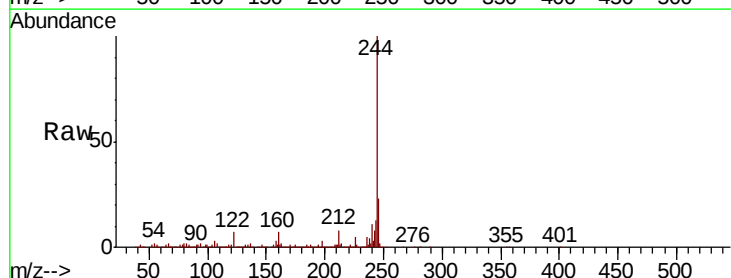
Tgt Ion:244 Resp: 1598365

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.0

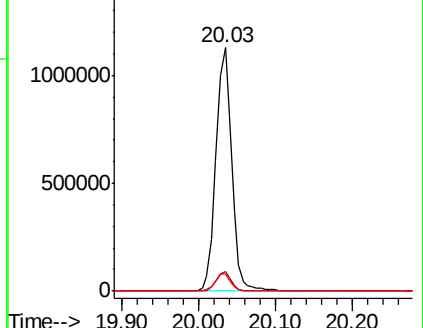
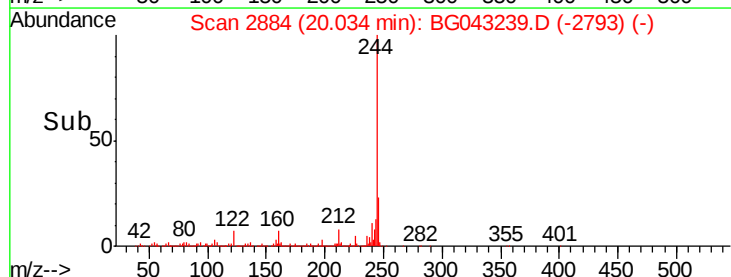
122 7.2 7.0 10.4

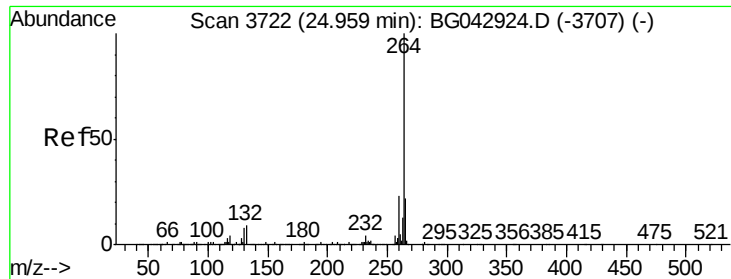


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG043239.D
Acq: 16 Oct 2019 6:13

Instrument :
BNA_G
ClientSampleId :
IDW-GAC2-191010

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.9	17.7	26.5

