

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043334.D
 Acq On : 24 Oct 2019 16:53
 Operator : JU
 Sample : K5497-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 168-16-(0-1)

Quant Time: Oct 24 18:01:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

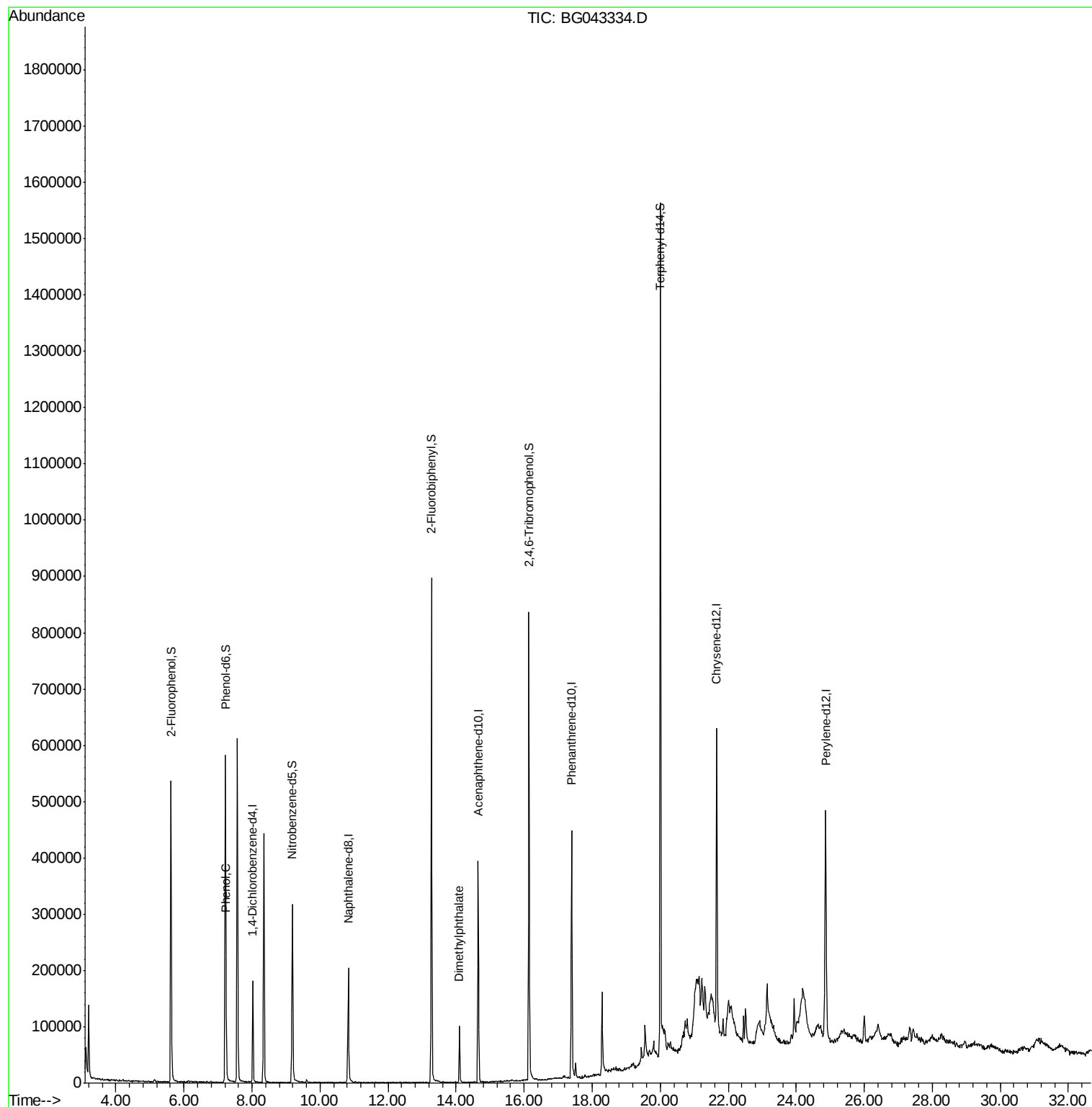
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	51464	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	193477	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	139388	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	314176	20.00	ng	0.00
76) Chrysene-d12	21.66	240	359282	20.00	ng	0.00
87) Perylene-d12	24.86	264	427179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	257332	91.63	ng	0.02
7) Phenol-d6	7.22	99	370753	91.75	ng	0.02
23) Nitrobenzene-d5	9.19	82	222599	59.31	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	211315	79.66	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	502786	49.84	ng	0.00
79) Terphenyl-d14	20.00	244	815648	42.59	ng	0.00
Target Compounds						
10) Phenol	7.24	94	9864	2.671	ng	Qvalue # 77
50) Dimethylphthalate	14.10	163	70768	6.555	ng	98

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

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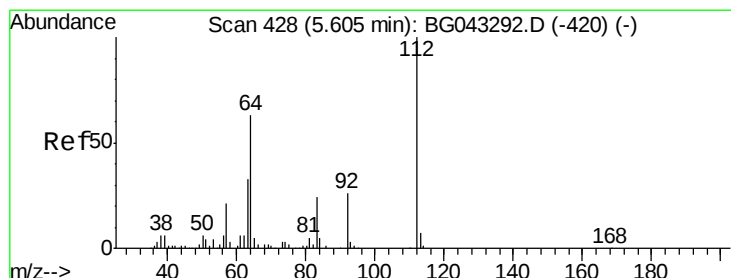
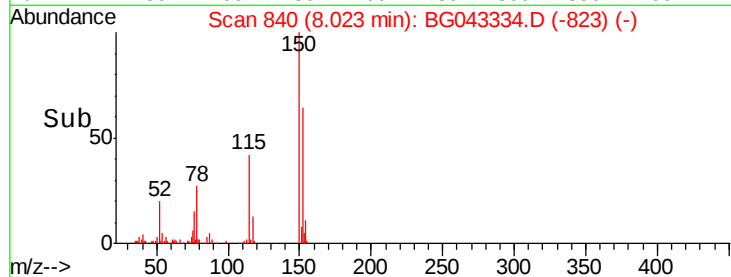
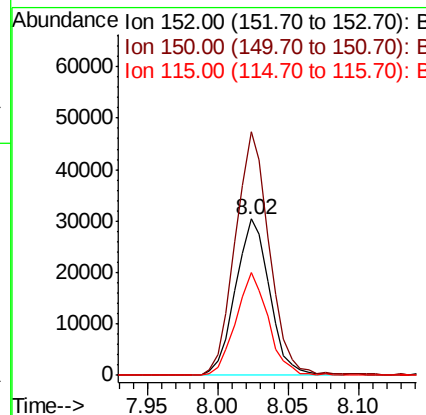
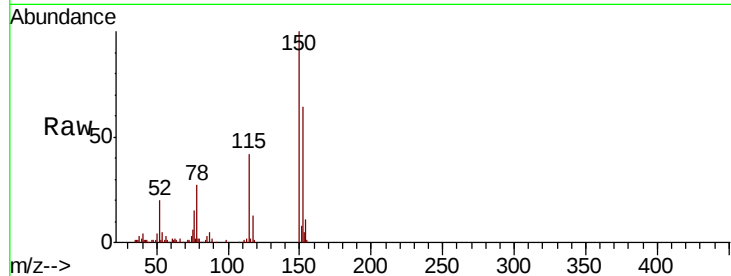


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Instrument :
BNA_G
ClientSampleId :
168-16-(0-1)

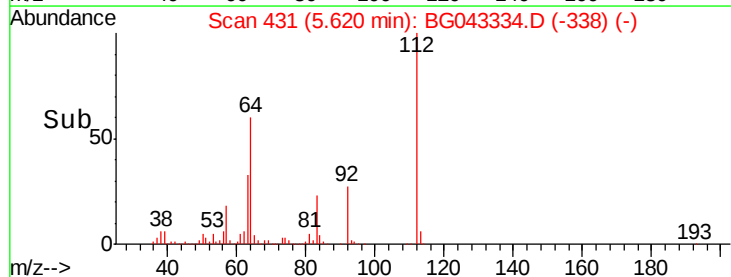
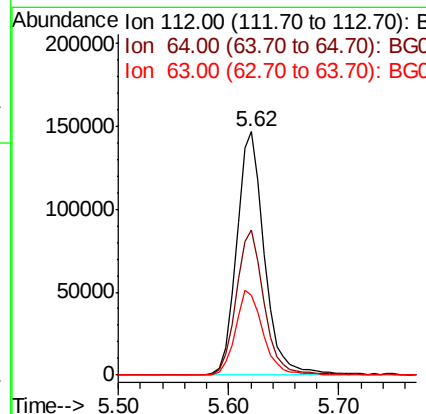
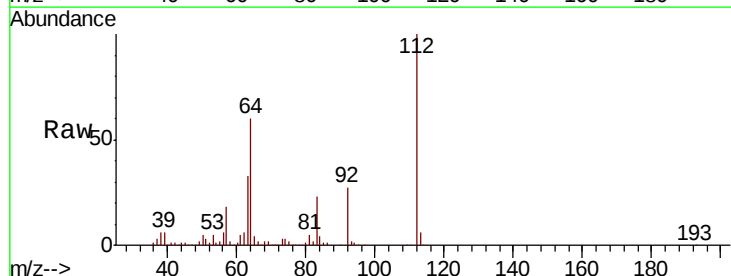
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	113.6	170.4
115	65.7	45.9	68.9

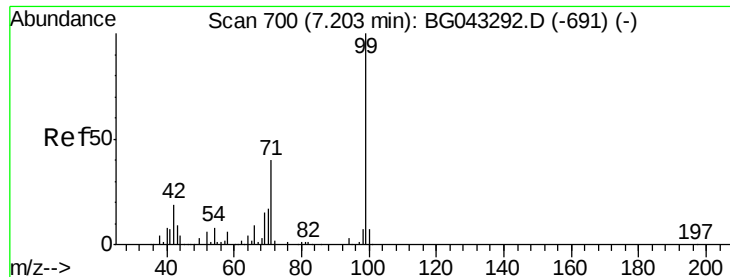


#5

2-Fluorophenol
Concen: 91.627 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.02 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	50.2	75.2
63	32.9	26.7	40.1





#7

Phenol-d6

Concen: 91.754 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

Instrument :

BNA_G

ClientSampled :

168-16-(0-1)

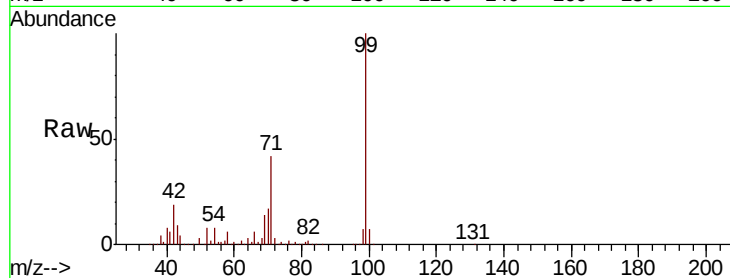
Tot Ion: 99 Resp: 370753

Ion Ratio Lower Upper

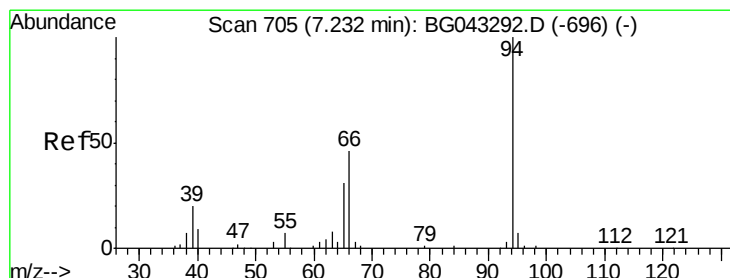
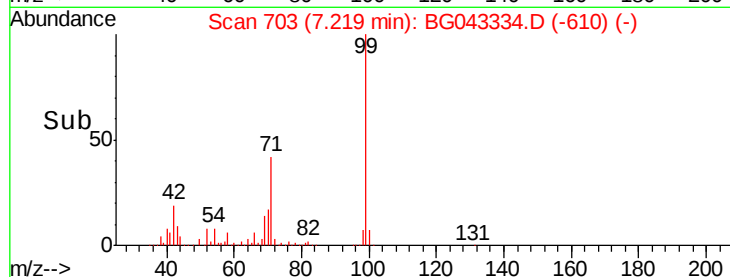
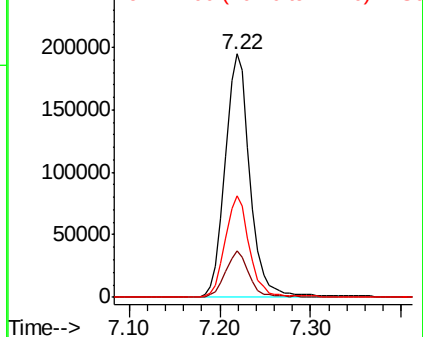
99 100

42 19.0 14.9 22.3

71 42.0 32.2 48.2



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



#10

Phenol

Concen: 2.671 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

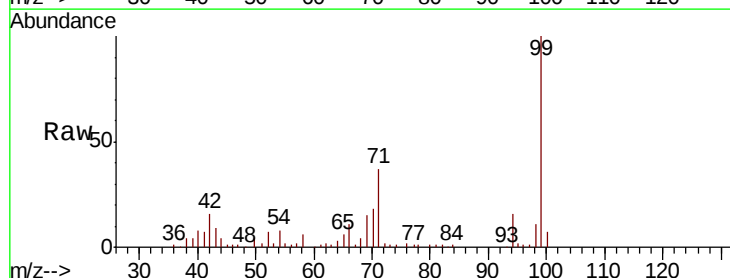
Tgt Ion: 94 Resp: 9864

Ion Ratio Lower Upper

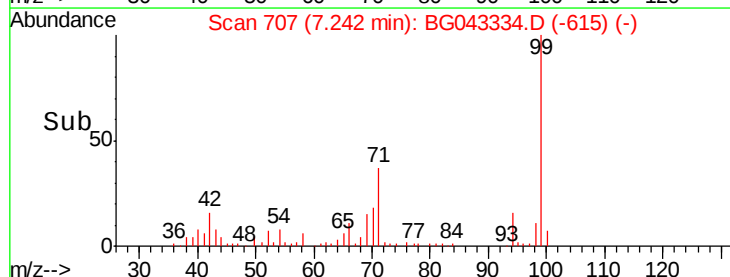
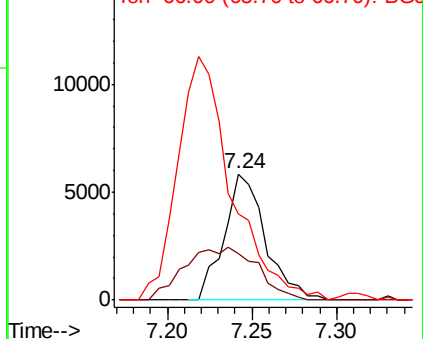
94 100

65 36.5 11.1 51.1

66 68.6 27.8 67.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

Instrument :

BNA_G

ClientSampleId :

168-16-(0-1)

Tot Ion:136 Resp: 193477

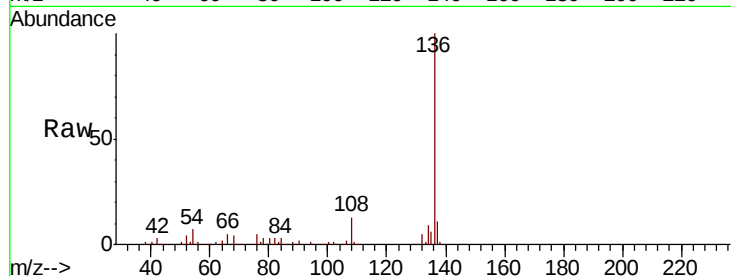
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 7.5 5.4 8.2

68 4.1 3.3 4.9

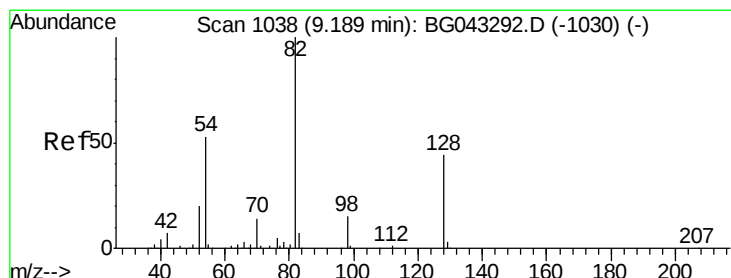
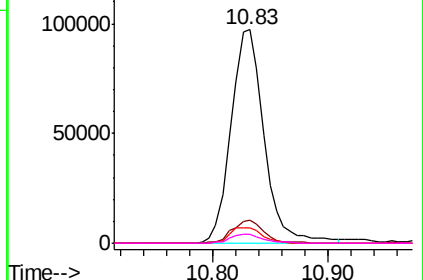
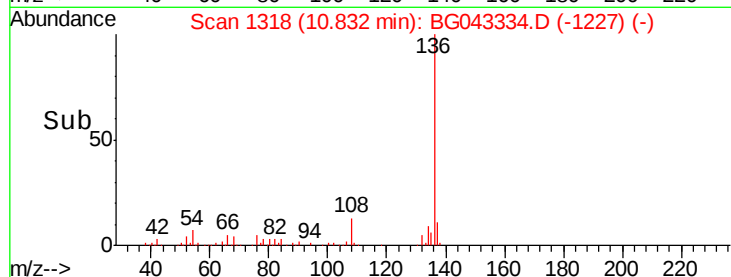


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 59.314 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

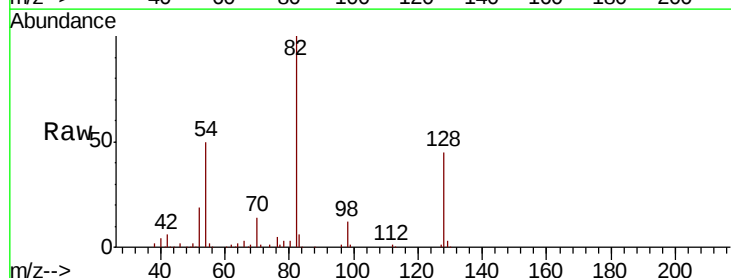
Tgt Ion: 82 Resp: 222599

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

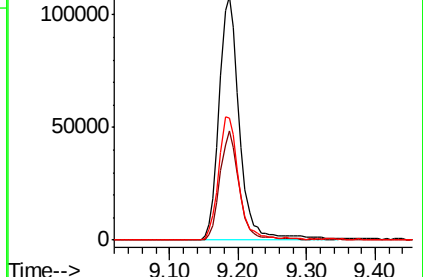
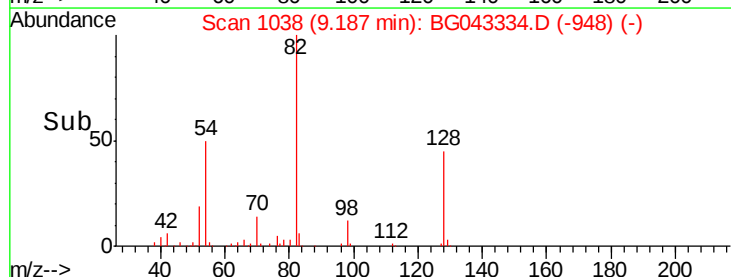
54 50.0 42.3 63.5

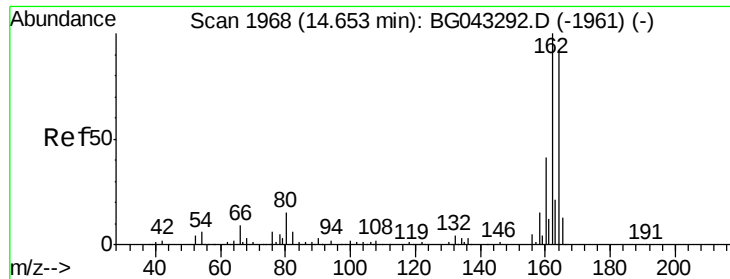


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

Instrument :

BNA_G

ClientSampleId :

168-16-(0-1)

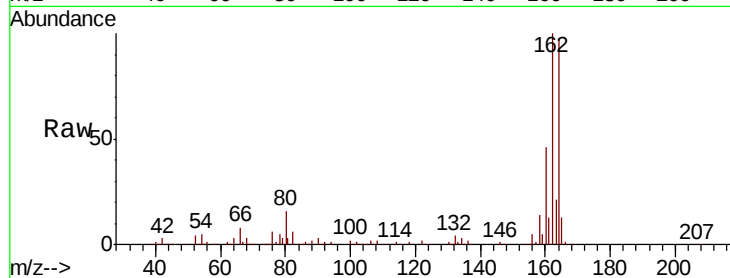
Tot Ion:164 Resp: 139388

Ion Ratio Lower Upper

164 100

162 103.6 87.0 130.4

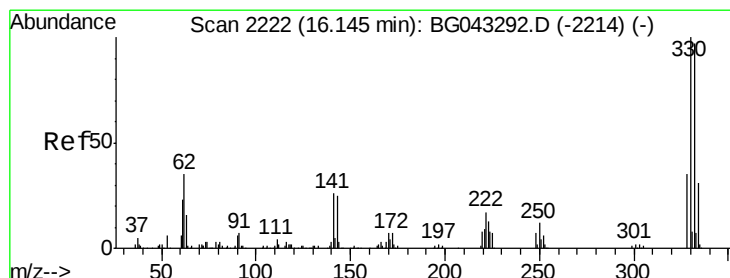
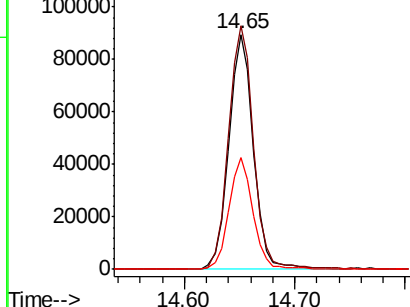
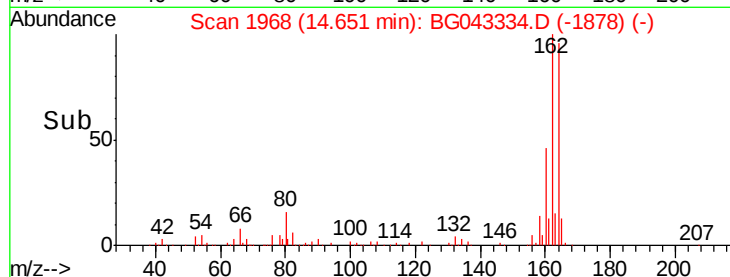
160 47.3 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 79.665 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

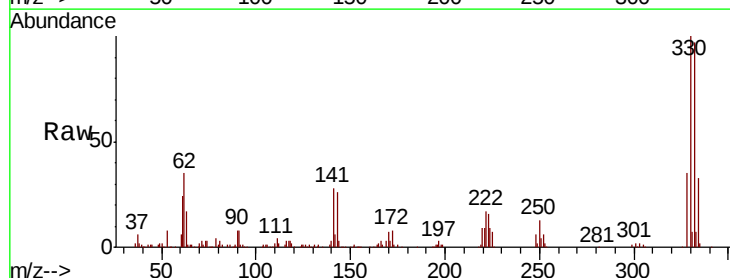
Tgt Ion:330 Resp: 211315

Ion Ratio Lower Upper

330 100

332 94.0 76.4 114.6

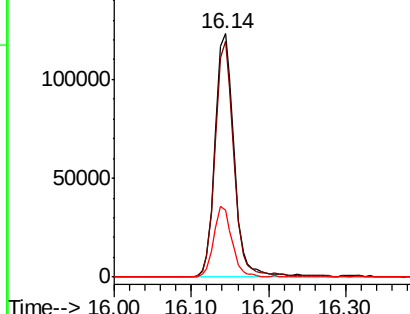
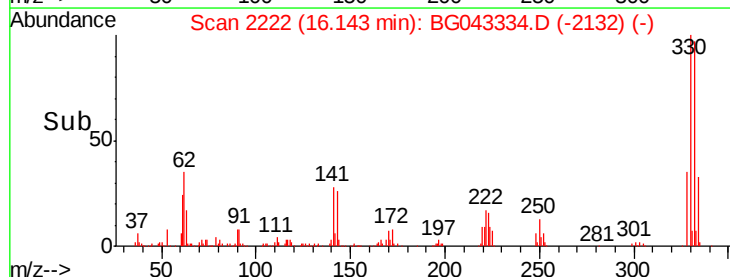
141 27.5 21.4 32.0



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

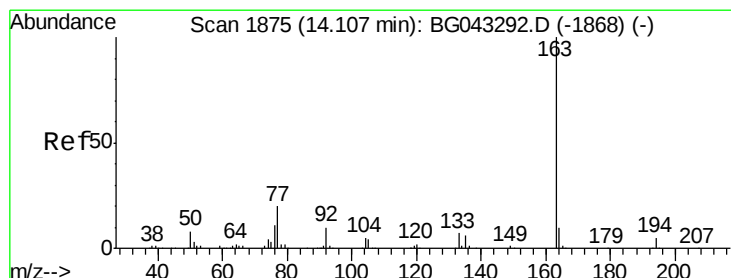
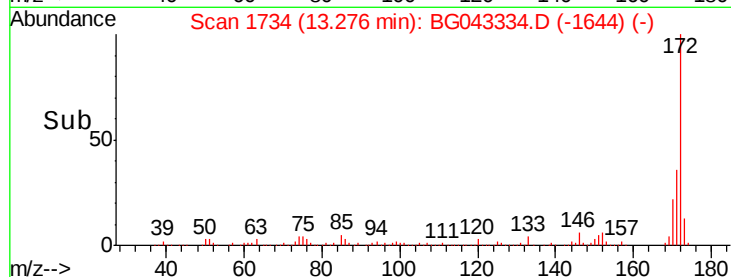
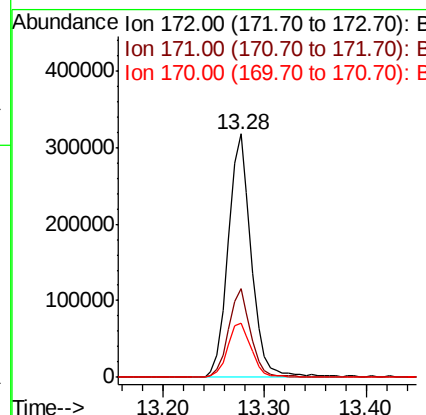
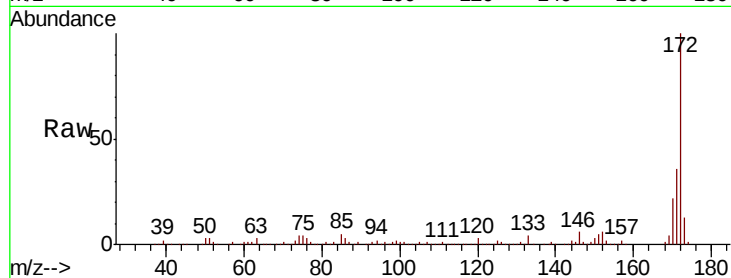




#45
2-Fluorobiphenyl
Concen: 49.843 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

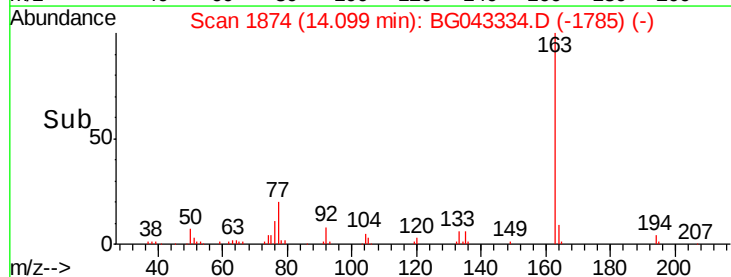
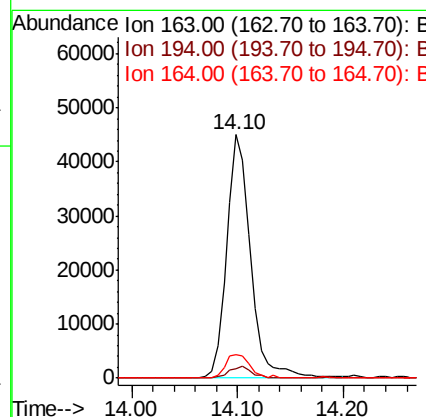
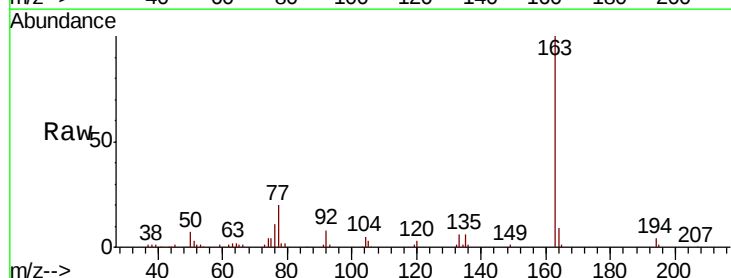
Instrument :
BNA_G
ClientSampleId :
168-16-(0-1)

Tot Ion:172 Resp: 502786
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 22.4 18.8 28.2



#50
Dimethylphthalate
Concen: 6.555 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043334.D
Acq: 24 Oct 2019 16:53

Tgt Ion:163 Resp: 70768
Ion Ratio Lower Upper
163 100
194 3.7 3.7 5.5
164 9.4 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

Instrument :

BNA_G

ClientSampleId :

168-16-(0-1)

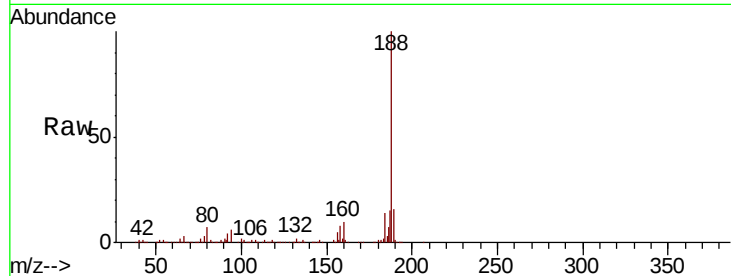
Tot Ion:188 Resp: 314176

Ion Ratio Lower Upper

188 100

94 6.1 4.2 6.2

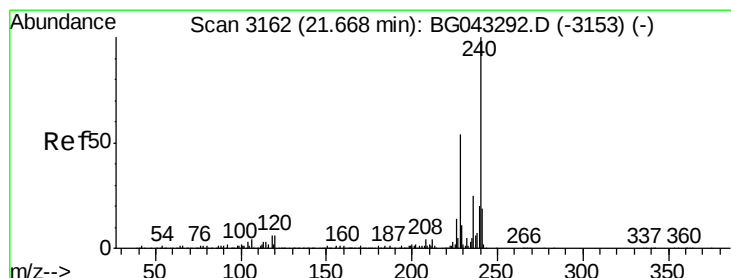
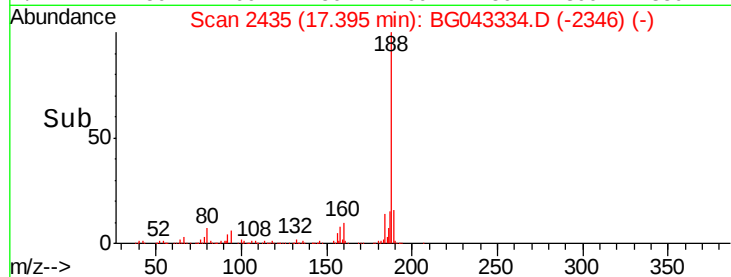
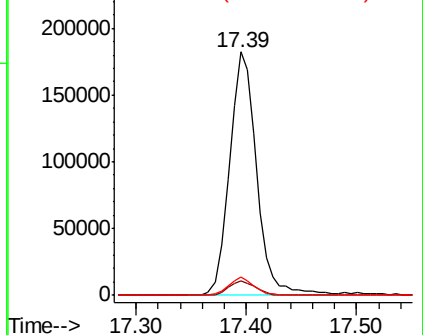
80 7.3 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043334.D

Acq: 24 Oct 2019 16:53

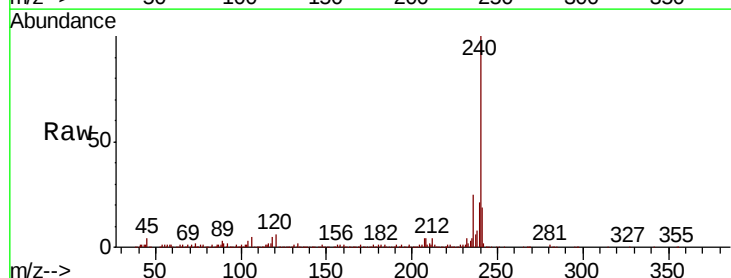
Tgt Ion:240 Resp: 359282

Ion Ratio Lower Upper

240 100

120 5.8 4.6 7.0

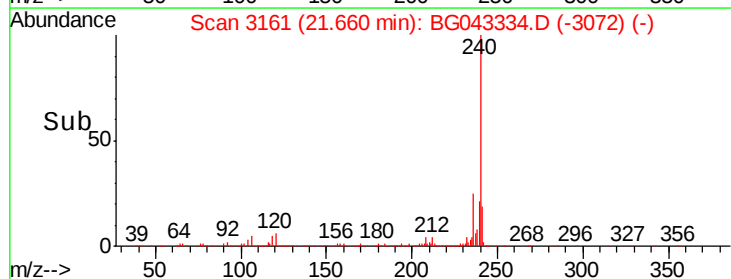
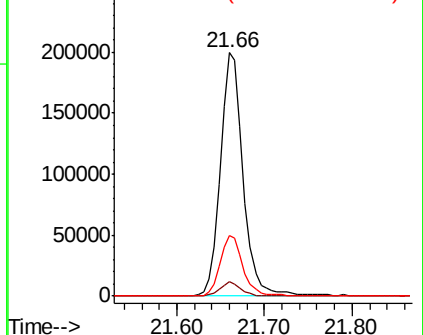
236 24.9 20.2 30.4

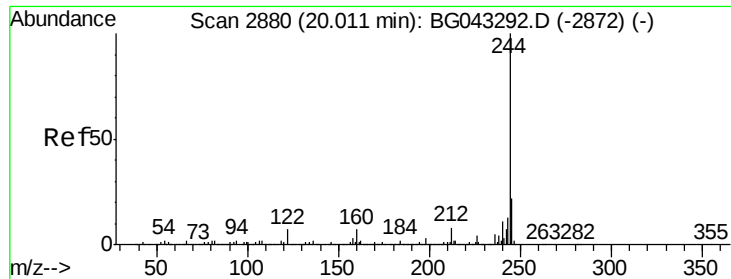


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

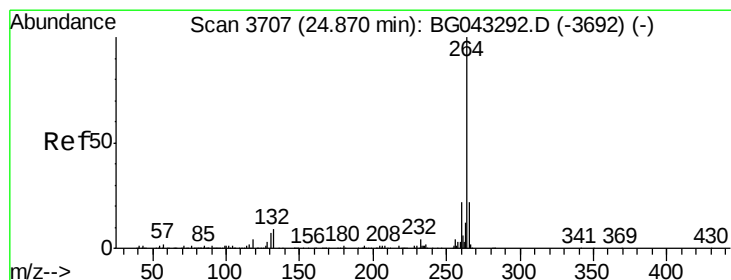
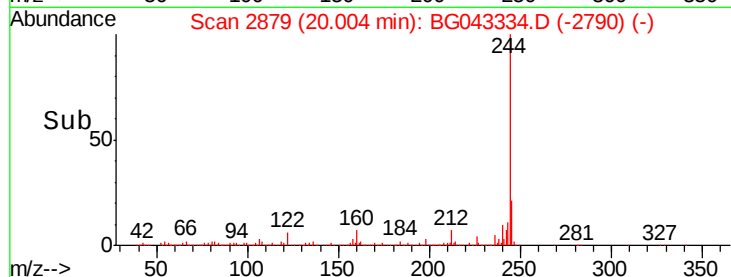
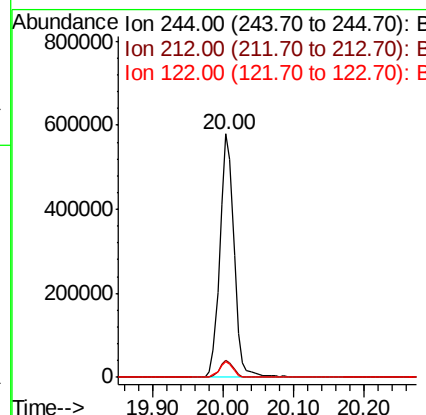
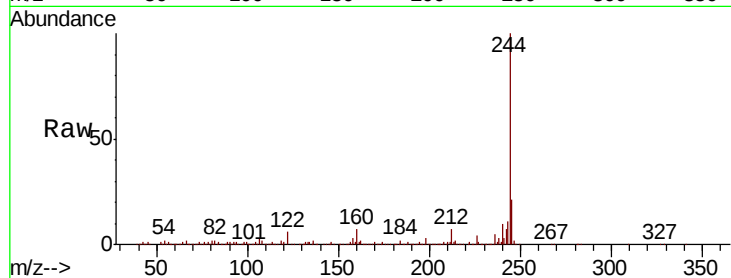




#79
 Terphenyl-d14
 Concen: 42.591 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043334.D
 Acq: 24 Oct 2019 16:53

Instrument :
 BNA_G
 ClientSampleId :
 168-16-(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	6.4	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG043334.D
 Acq: 24 Oct 2019 16:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	23.1	17.4	26.2

