

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043465.D
 Acq On : 1 Nov 2019 14:45
 Operator : JU
 Sample : K5615-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-52

Quant Time: Nov 01 22:56:26 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

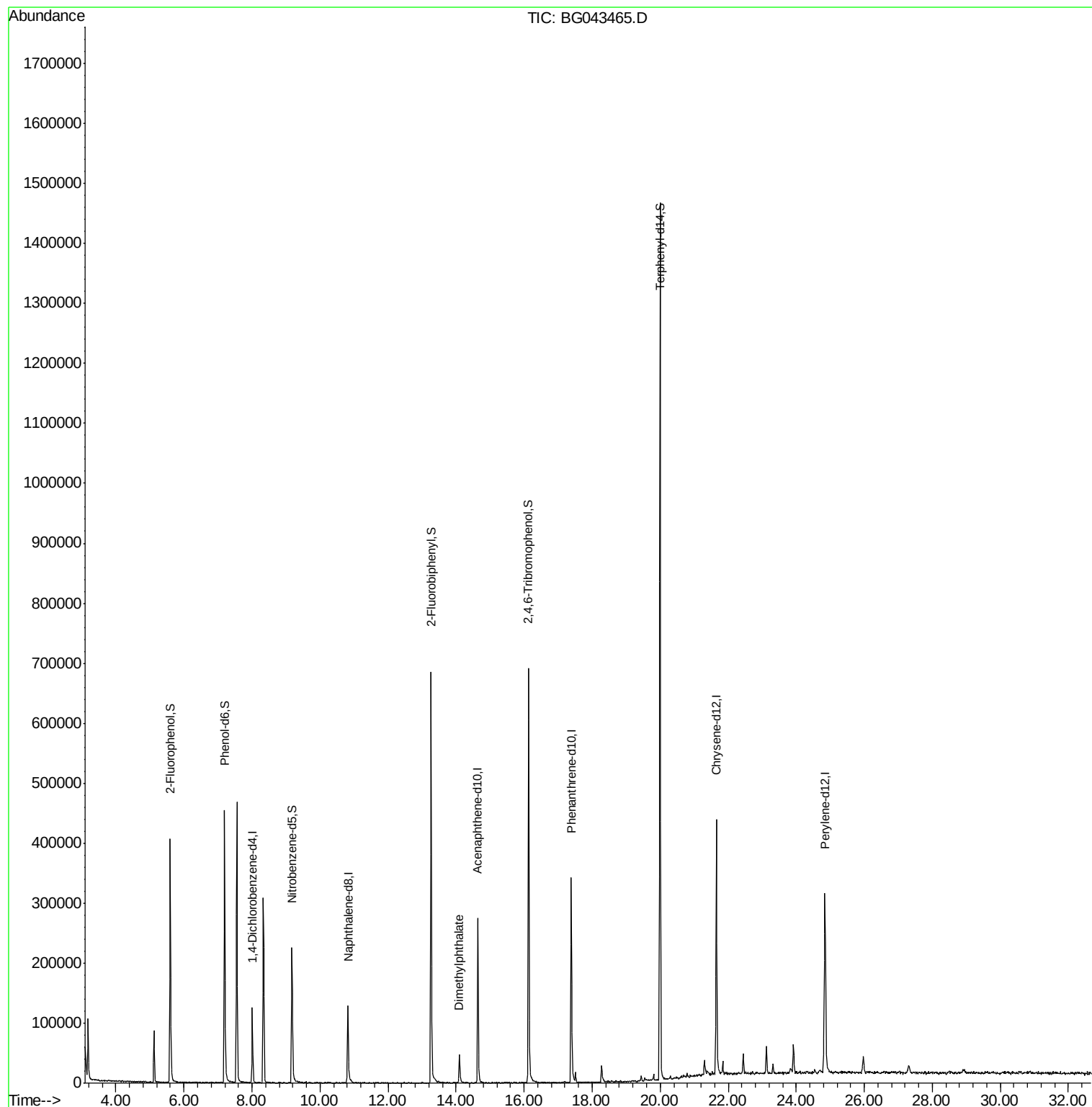
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38941	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146706	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	111922	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	261874	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	284374	20.00	ng	-0.01
87) Perylene-d12	24.84	264	338801	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	198434	93.38	ng	0.00
7) Phenol-d6	7.20	99	287830	94.14	ng	0.00
23) Nitrobenzene-d5	9.18	82	163792	57.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	175356	82.33	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	433510	53.52	ng	-0.01
79) Terphenyl-d14	20.00	244	824797	54.41	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.09	163	43669	5.037	ng	Qvalue 98

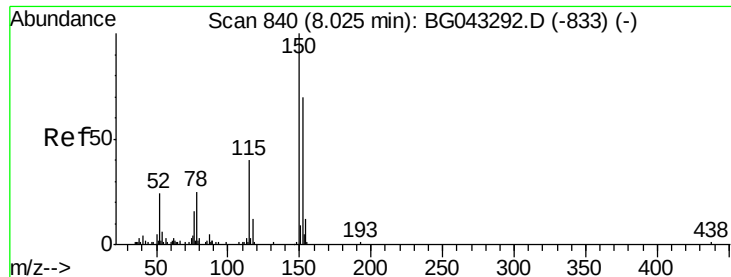
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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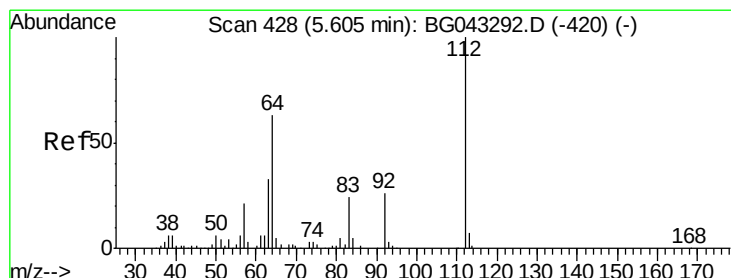
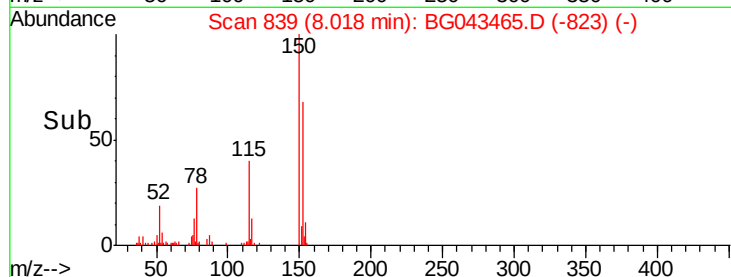
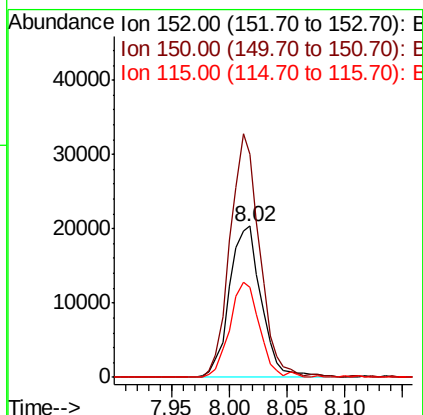
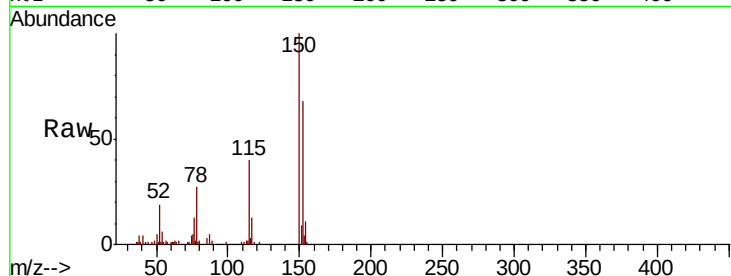


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043465.D
Acq: 1 Nov 2019 14:45

Instrument :
BNA_G
ClientSampleId :
RBR-52

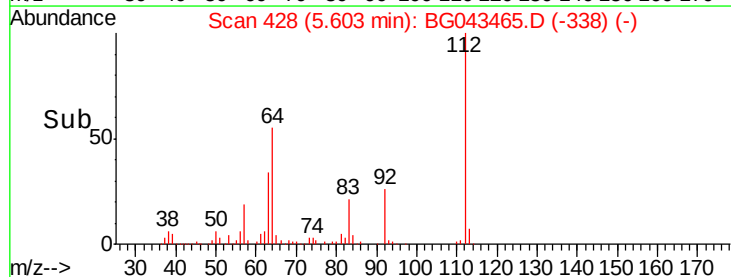
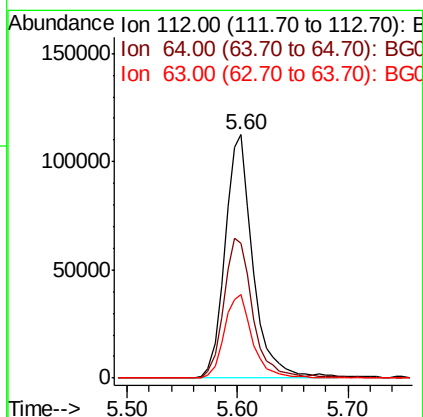
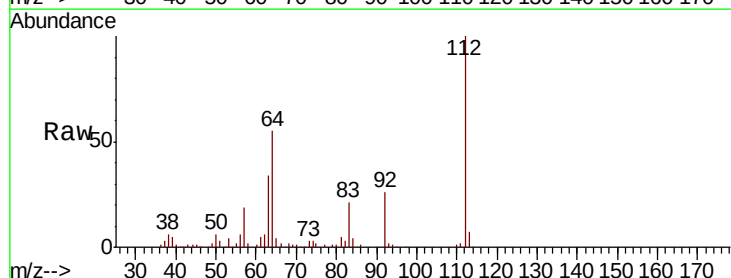
Tot Ion:152 Resp: 38941
Ion Ratio Lower Upper
152 100
150 147.9 113.6 170.4
115 59.3 45.9 68.9

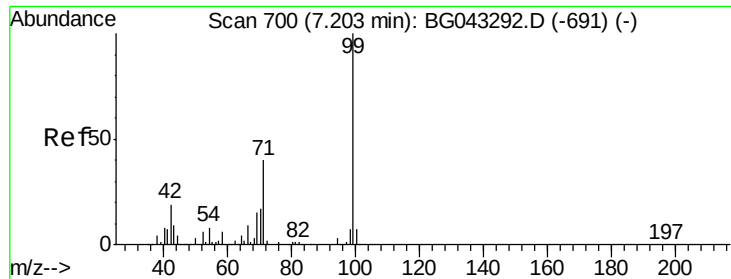


#5

2-Fluorophenol
Concen: 93.377 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043465.D
Acq: 1 Nov 2019 14:45

Tgt Ion:112 Resp: 198434
Ion Ratio Lower Upper
112 100
64 55.4 50.2 75.2
63 34.5 26.7 40.1





#7

Phenol-d6

Concen: 94.139 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043465.D

Acq: 1 Nov 2019 14:45

Instrument :

BNA_G

ClientSampleId :

RBR-52

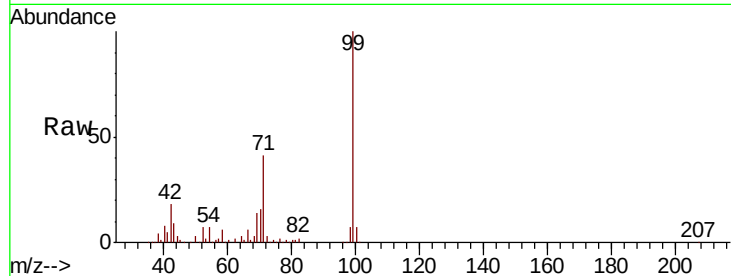
Tot Ion: 99 Resp: 287830

Ion Ratio Lower Upper

99 100

42 17.6 14.9 22.3

71 41.0 32.2 48.2

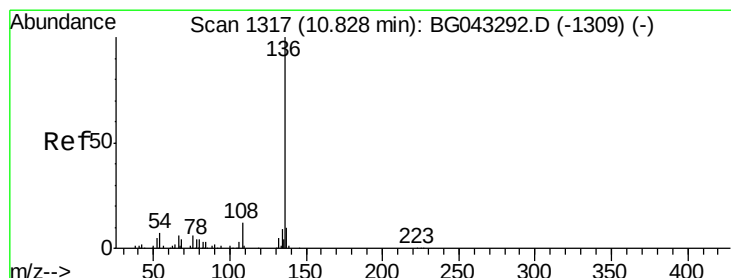
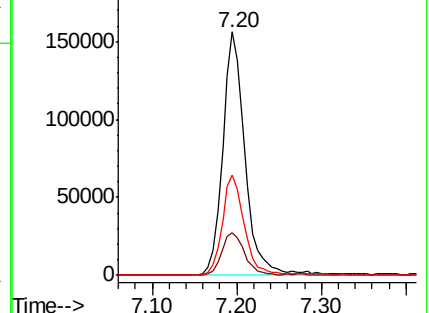
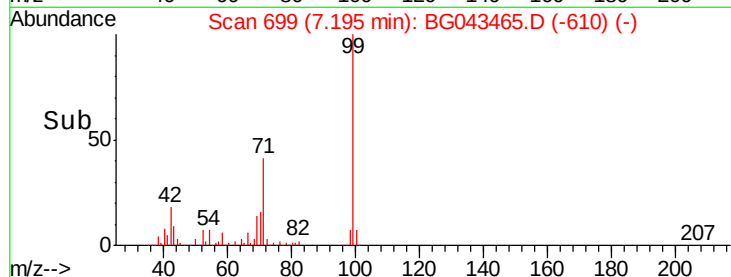


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG043465.D

Acq: 1 Nov 2019 14:45

Tgt Ion: 136 Resp: 146706

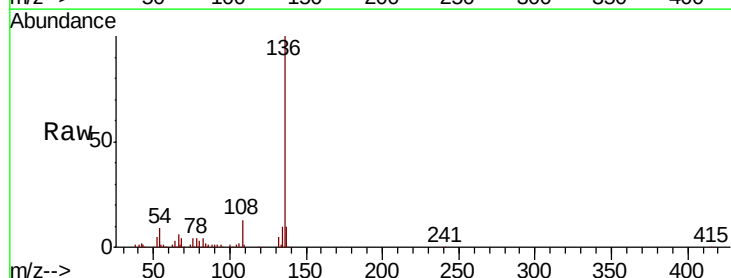
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.2

54 9.3 5.4 8.2#

68 4.3 3.3 4.9



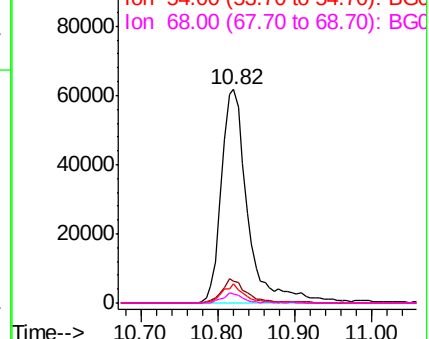
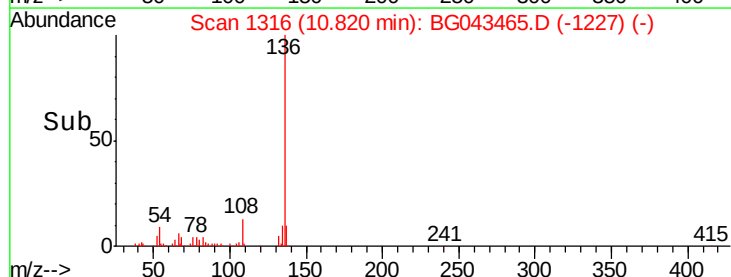
Abundance

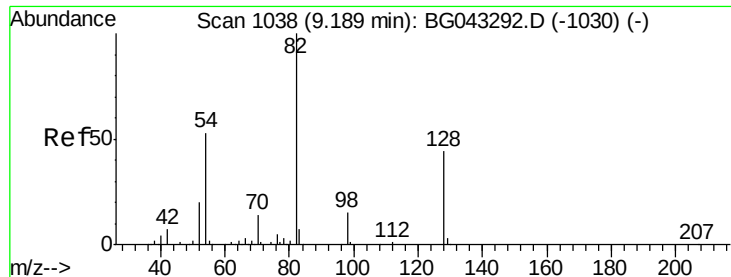
Ion 136.00 (135.70 to 136.70): BGC

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

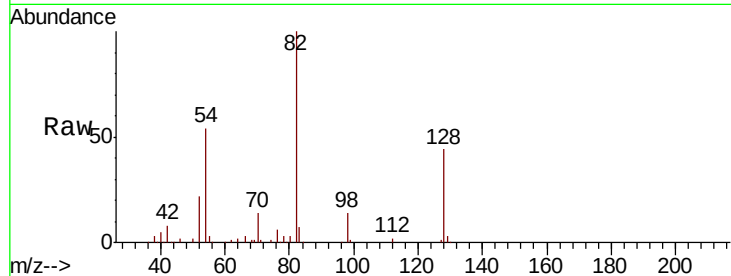




#23
Nitrobenzene-d5
Concen: 57.559 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043465.D
Acq: 1 Nov 2019 14:45

Instrument :
BNA_G
ClientSampled :
RBR-52

Tot Ion	82	Resp	163792
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.3	52.9
54	53.8	42.3	63.5

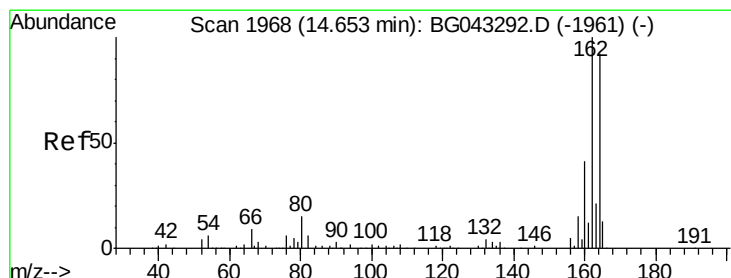
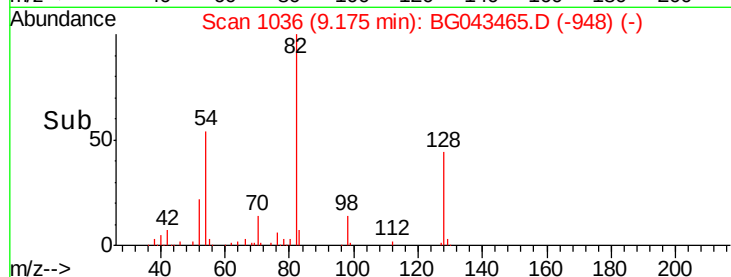
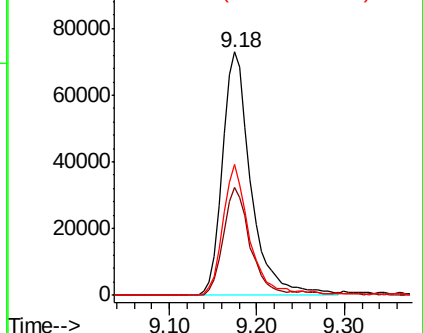


Abundance

Ion 82.00 (81.70 to 82.70): BGC

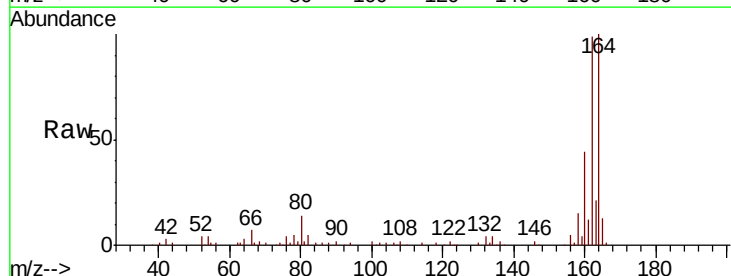
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043465.D
Acq: 1 Nov 2019 14:45

Tgt Ion	164	Resp	111922
Ion Ratio	Lower	Upper	
164	100		
162	98.9	87.0	130.4
160	44.1	35.5	53.3

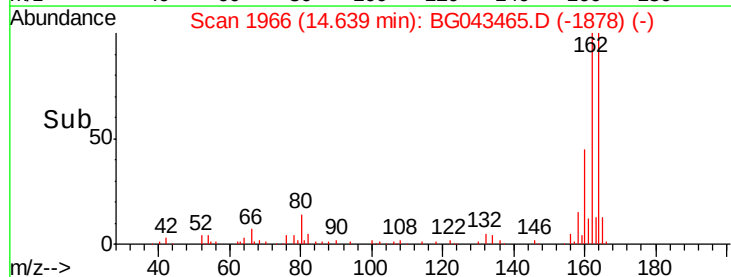
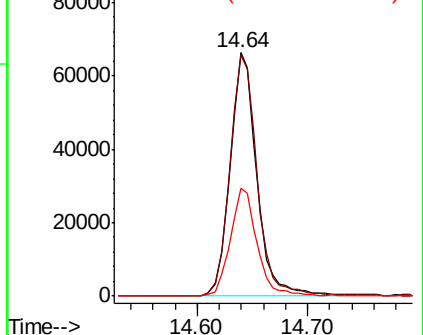


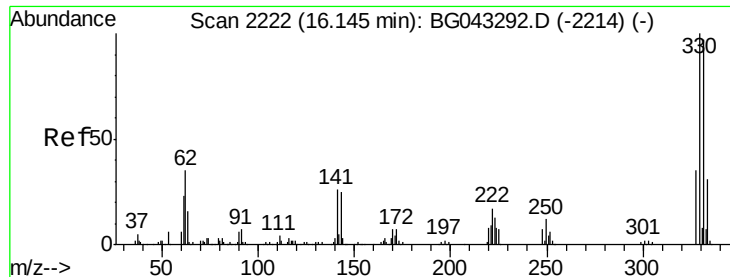
Abundance

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

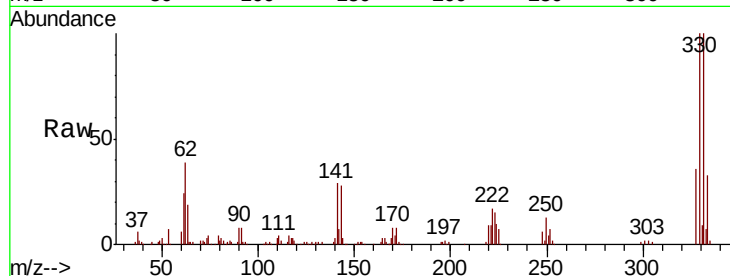




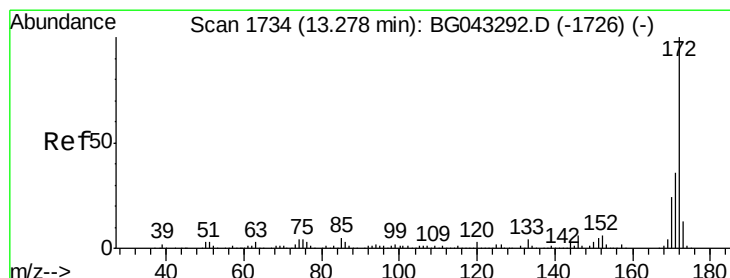
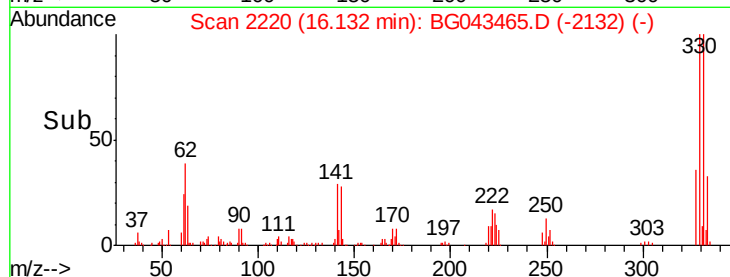
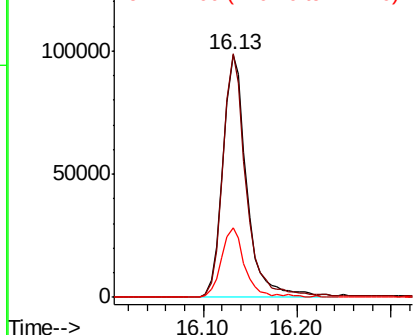
#42
 2,4,6-Tribromophenol
 Concen: 82.331 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043465.D
 Acq: 1 Nov 2019 14:45

Instrument :
 BNA_G
 ClientSampleId :
 RBR-52

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.4	114.6
141	28.2	21.4	32.0

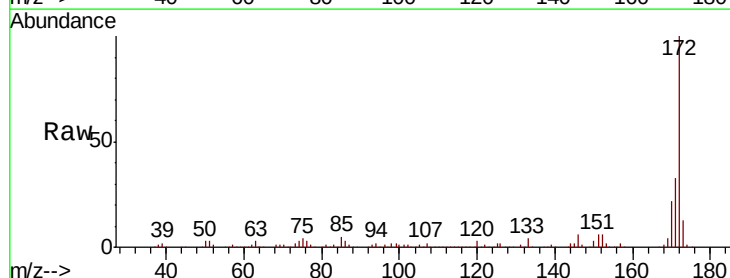


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

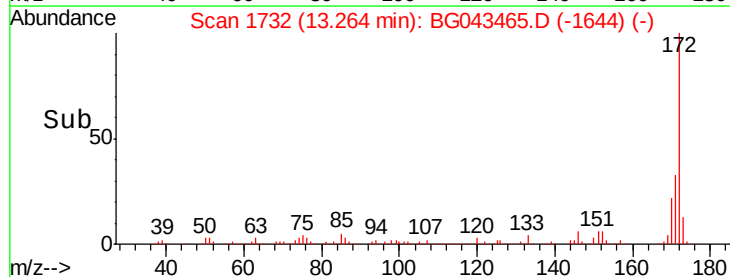
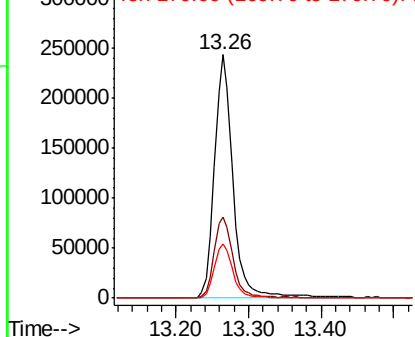


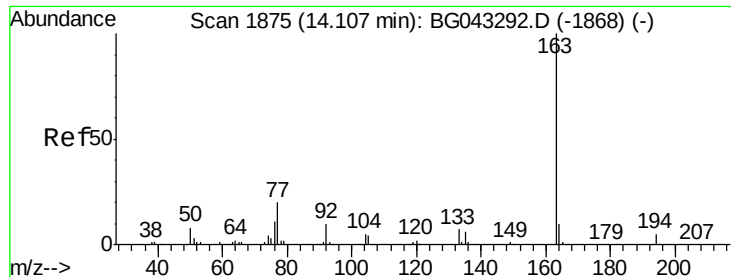
#45
 2-Fluorobiphenyl
 Concen: 53.522 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043465.D
 Acq: 1 Nov 2019 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.5	42.7
170	22.2	18.8	28.2



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: 5.037 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG043465.D

Acq: 1 Nov 2019 14:45

Instrument :

BNA_G

ClientSampled :

RBR-52

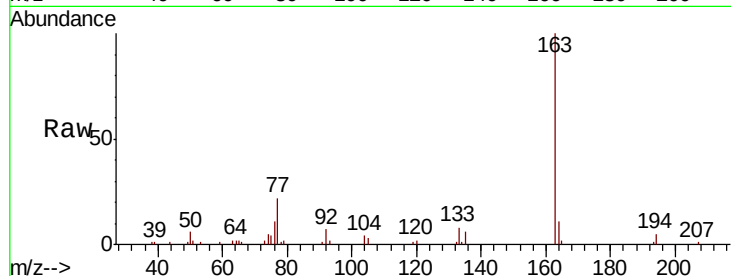
Tot Ion:163 Resp: 43669

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

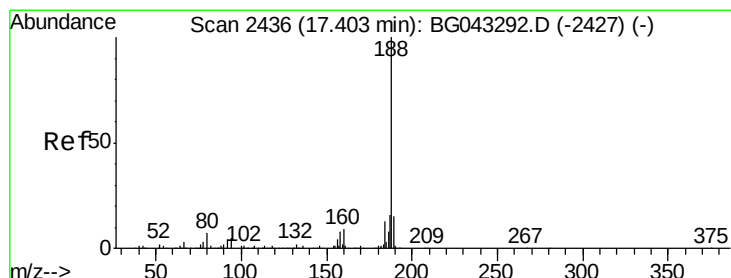
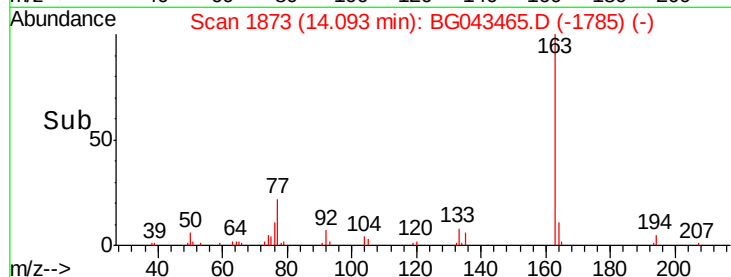
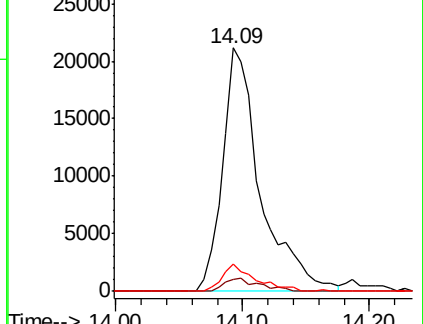
164 11.0 8.1 12.1



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: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG043465.D

Acq: 1 Nov 2019 14:45

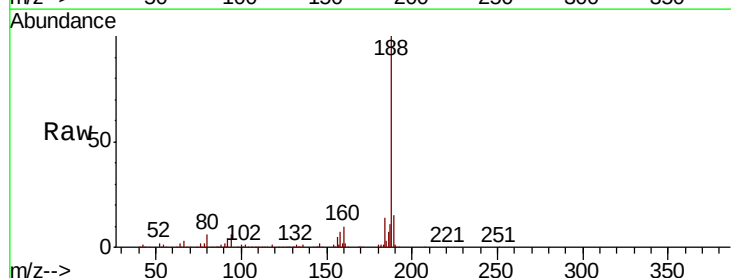
Tgt Ion:188 Resp: 261874

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

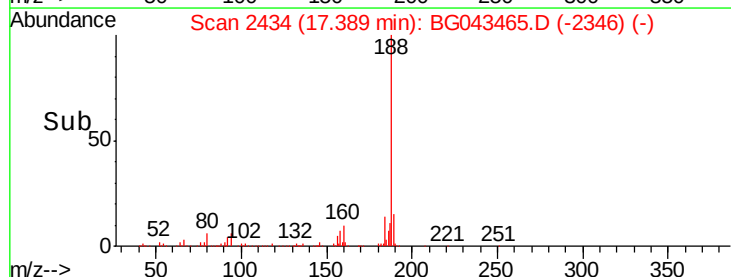
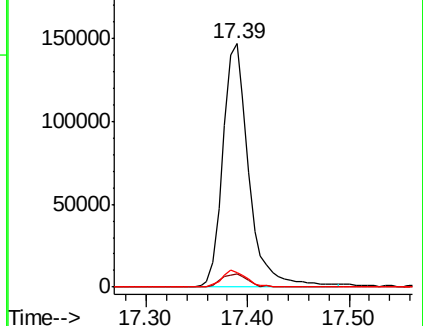
80 5.9 5.2 7.8

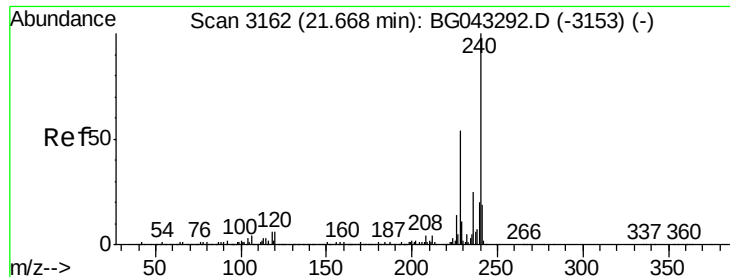


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043465.D

Acq: 1 Nov 2019 14:45

Instrument :

BNA_G

ClientSampleId :

RBR-52

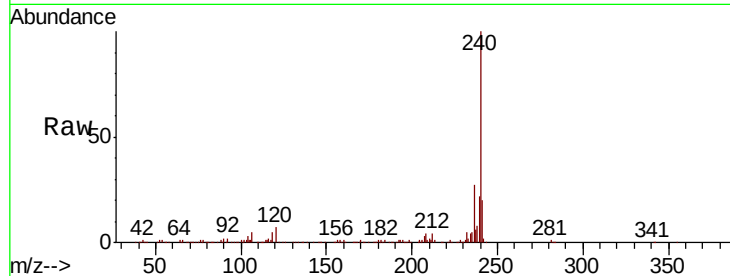
Tot Ion:240 Resp: 284374

Ion Ratio Lower Upper

240 100

120 6.7 4.6 7.0

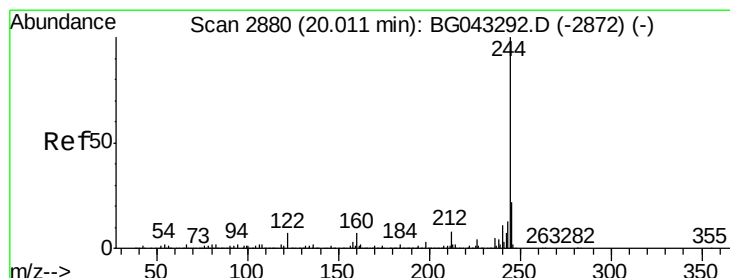
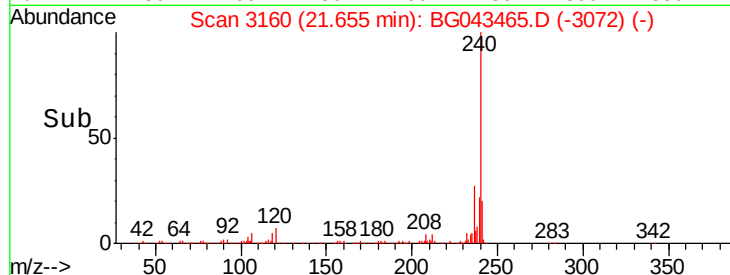
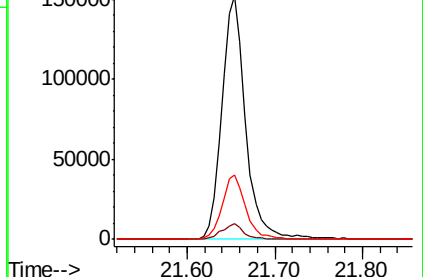
236 26.7 20.2 30.4



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: 54.413 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043465.D

Acq: 1 Nov 2019 14:45

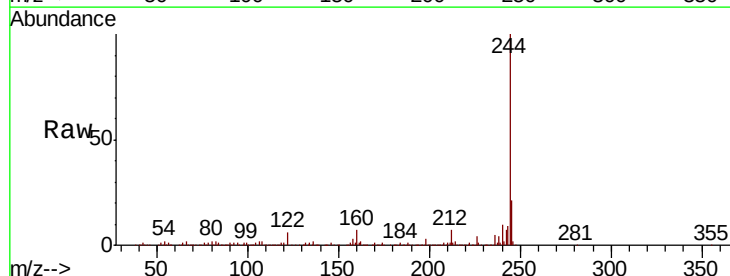
Tgt Ion:244 Resp: 824797

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

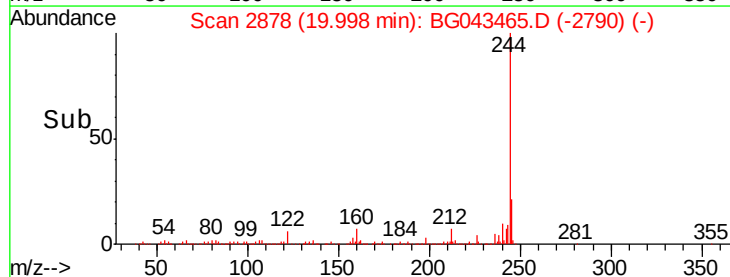
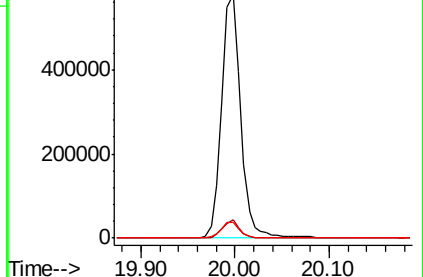
122 6.4 5.3 7.9

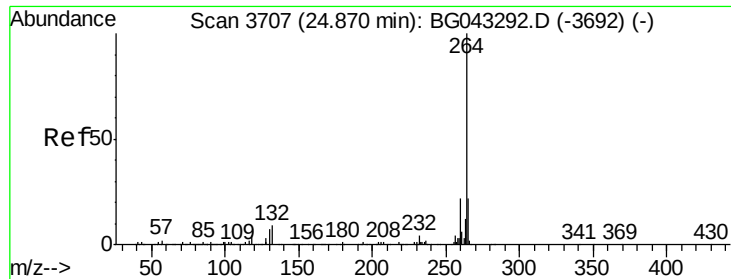


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.84 min Scan# 3703
 Delta R.T. -0.03 min
 Lab File: BG043465.D
 Acq: 1 Nov 2019 14:45

Instrument :
 BNA_G
 ClientSampleId :
 RBR-52

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.9	26.9
265	20.9	17.4	26.2

