

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043468.D
 Acq On : 1 Nov 2019 16:40
 Operator : JU
 Sample : K5603-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Quant Time: Nov 01 23:56:33 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

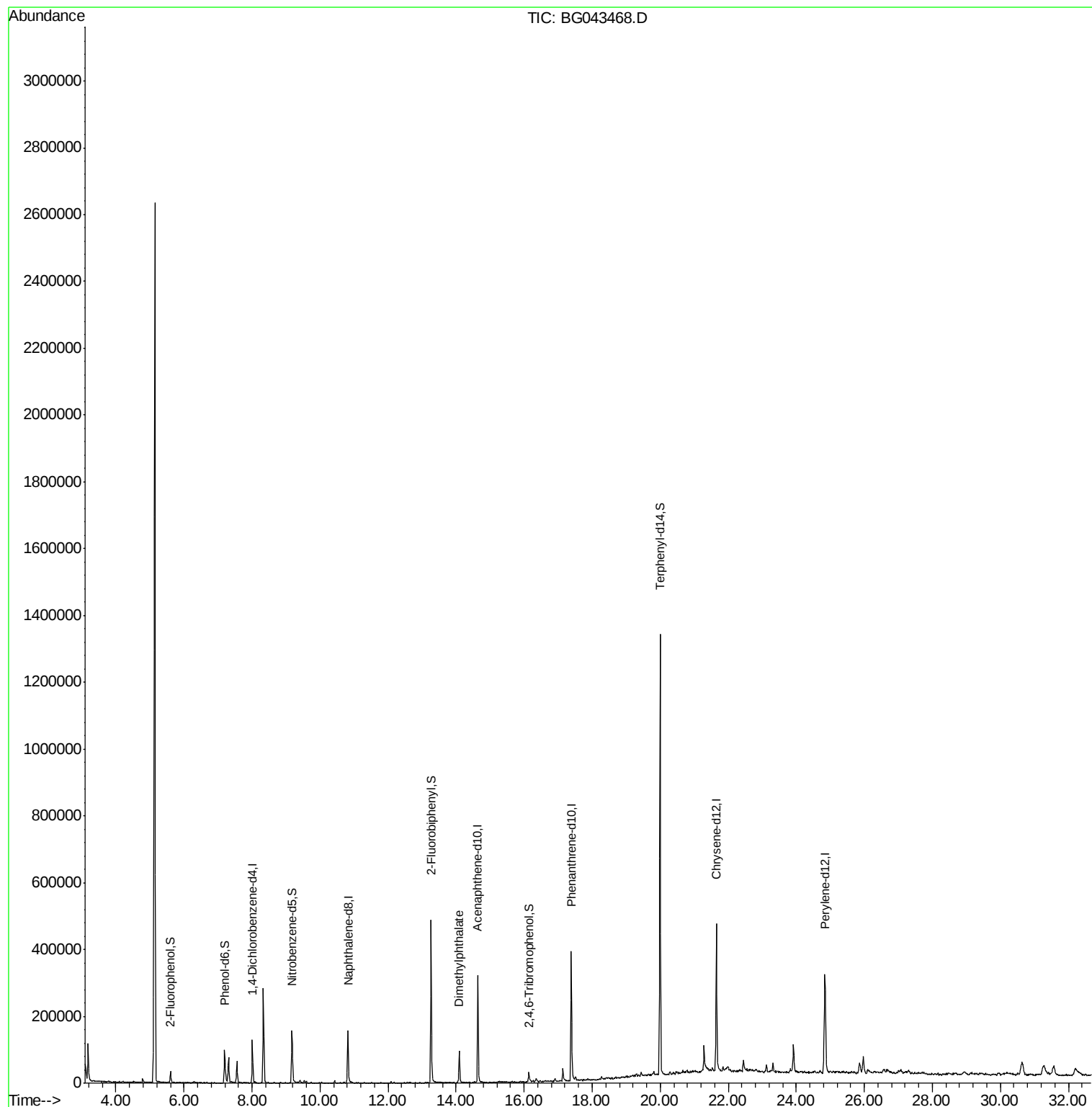
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41328	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	158756	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	117971	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	276815	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	291604	20.00	ng	-0.01
87) Perylene-d12	24.84	264	351616	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	16294	7.22	ng	0.00
7) Phenol-d6	7.19	99	70987	21.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	116274	37.76	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	9283	4.13	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	298720	34.99	ng	-0.01
79) Terphenyl-d14	20.00	244	716235	46.08	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.09	163	75323	8.243	ng	Qvalue # 97

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

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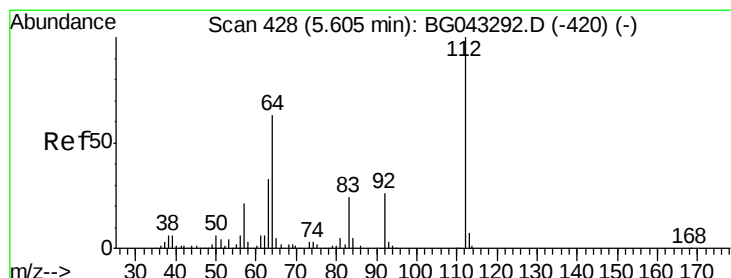
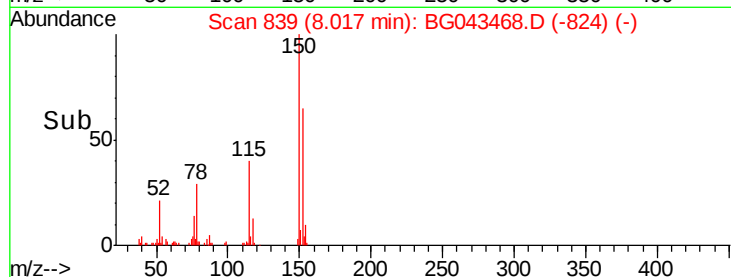
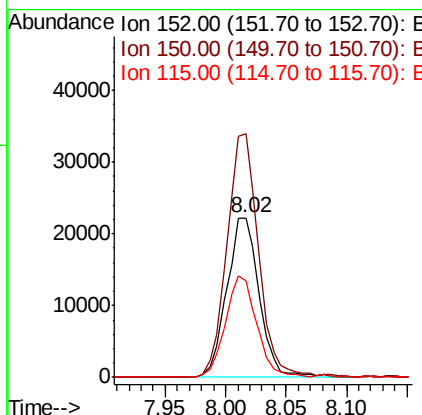
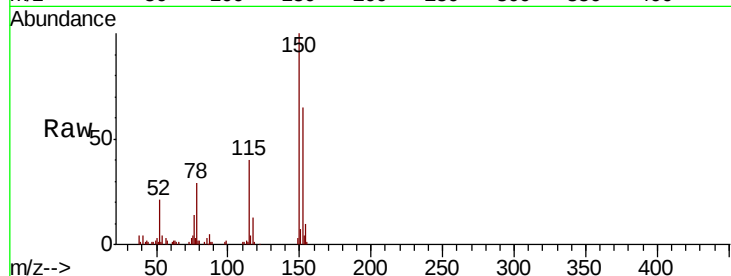


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

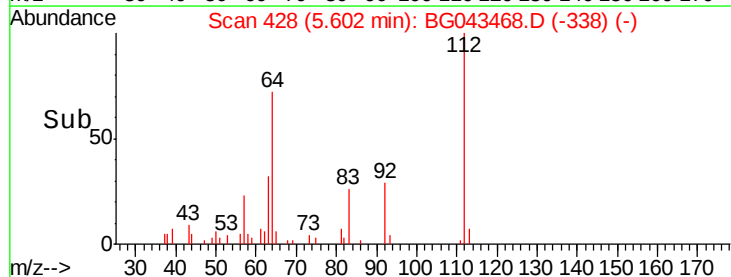
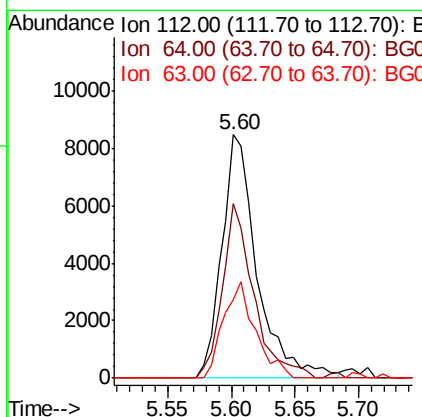
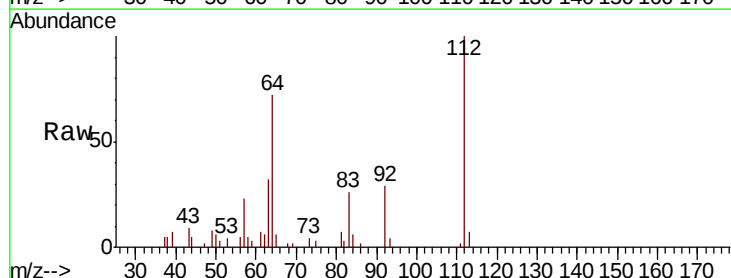
Tot Ion:152 Resp: 41328
Ion Ratio Lower Upper
152 100
150 152.9 113.6 170.4
115 60.5 45.9 68.9



#5

2-Fluorophenol
Concen: 7.225 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Tgt Ion:112 Resp: 16294
Ion Ratio Lower Upper
112 100
64 71.7 50.2 75.2
63 32.2 26.7 40.1





#7

Phenol-d6

Concen: 21.876 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

Instrument :

BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

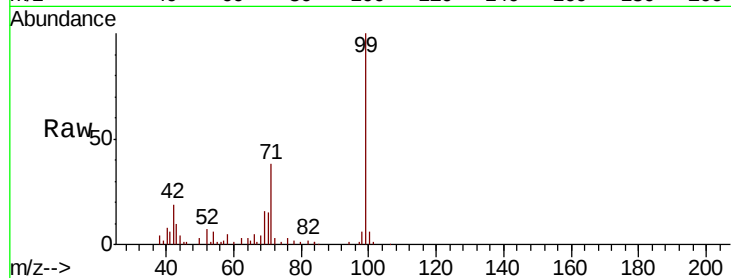
Tot Ion: 99 Resp: 70987

Ion Ratio Lower Upper

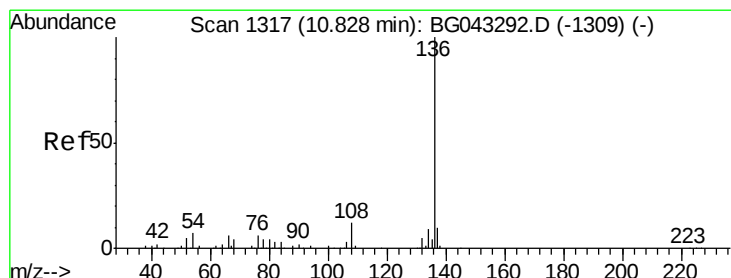
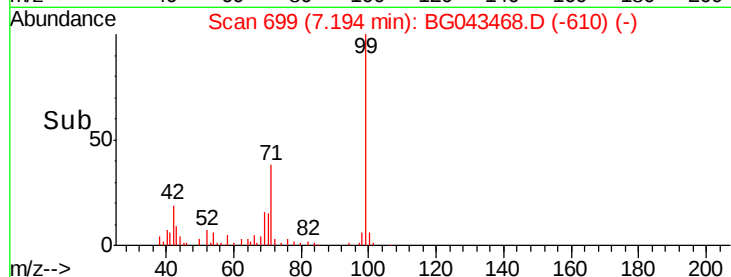
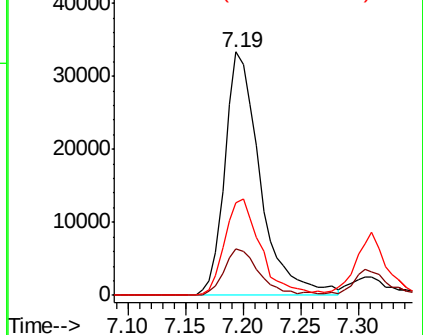
99 100

42 19.1 14.9 22.3

71 38.1 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: BG043468.D

Acq: 1 Nov 2019 16:40

Tgt Ion: 136 Resp: 158756

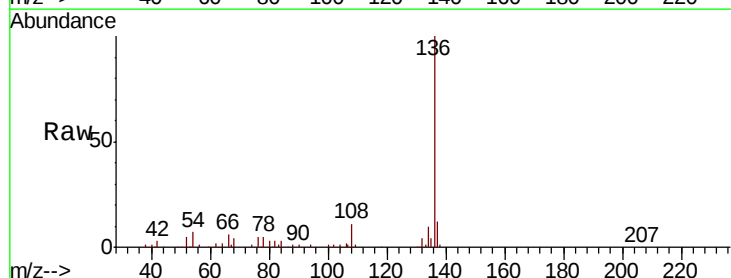
Ion Ratio Lower Upper

136 100

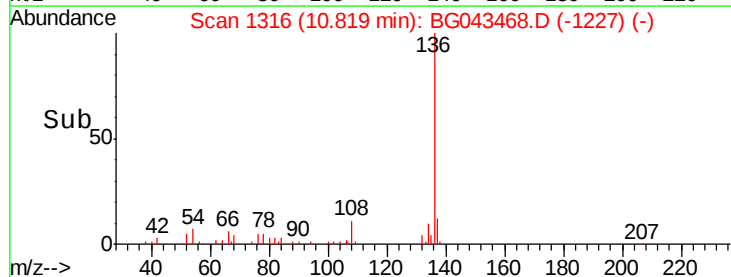
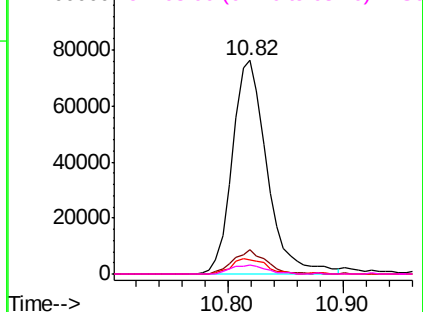
137 11.5 8.2 12.2

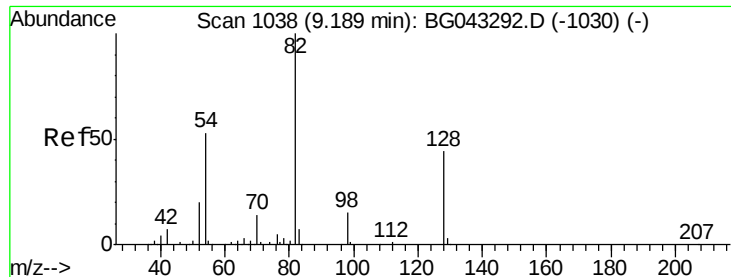
54 6.9 5.4 8.2

68 4.1 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

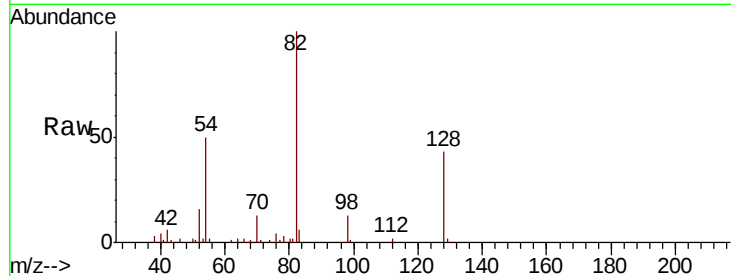




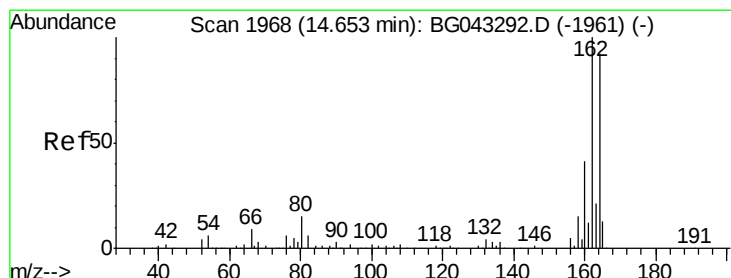
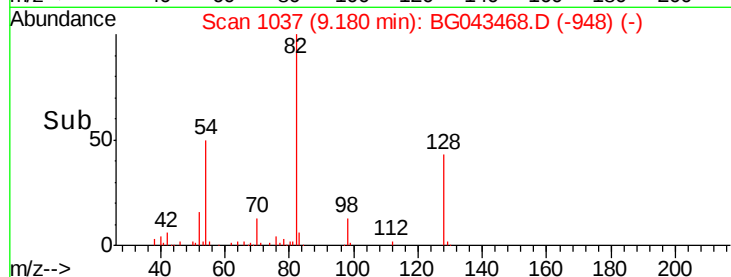
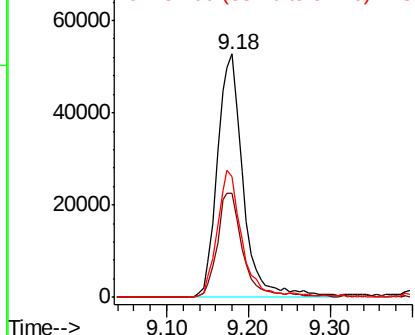
#23
Nitrobenzene-d5
Concen: 37.759 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Tot Ion	82	Resp	116274
Ion Ratio	100	Lower	Upper
128	42.6	35.3	52.9
54	49.7	42.3	63.5

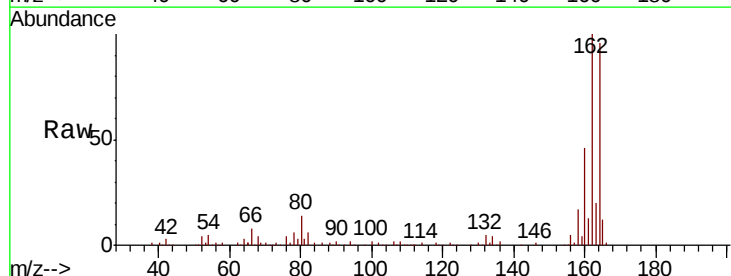


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

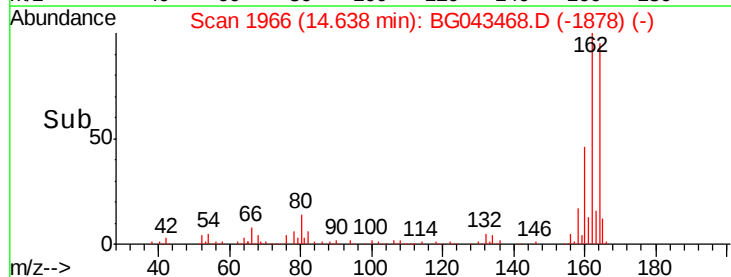
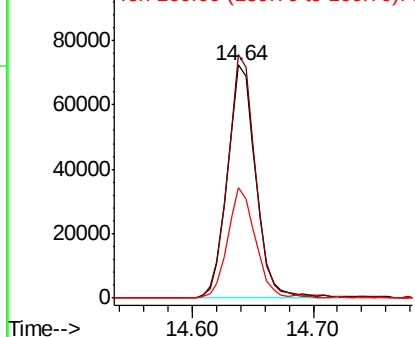


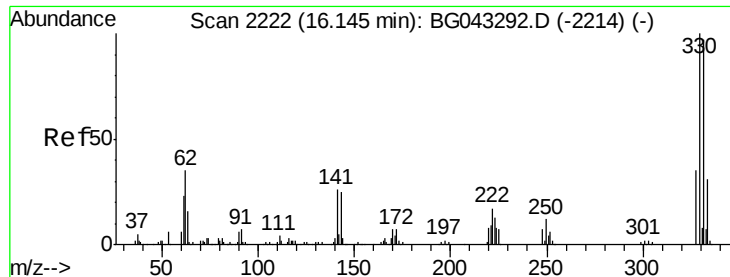
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Tgt Ion	164	Resp	117971
Ion Ratio	100	Lower	Upper
162	104.4	87.0	130.4
160	47.6	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

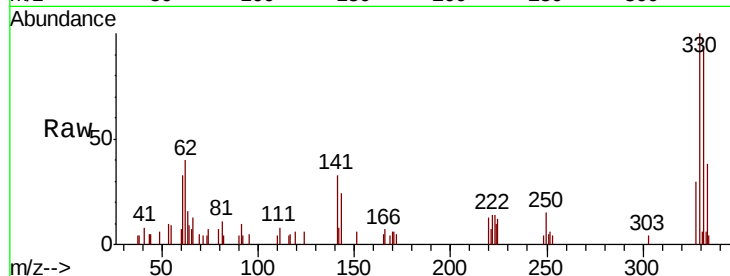




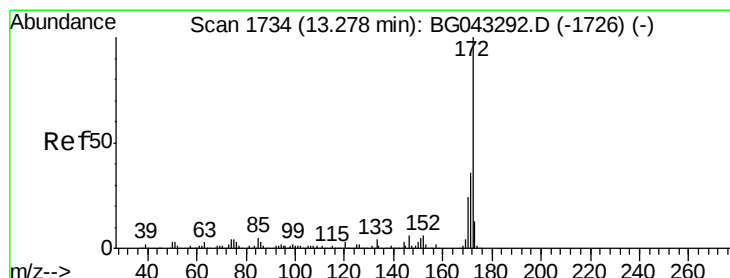
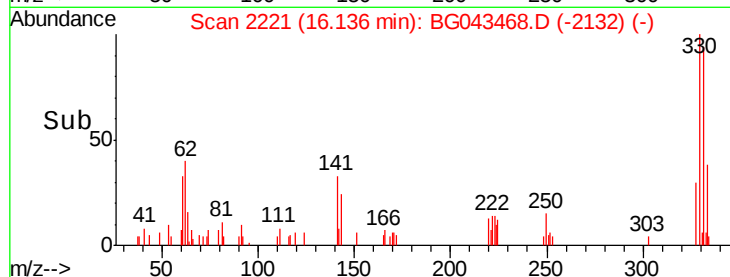
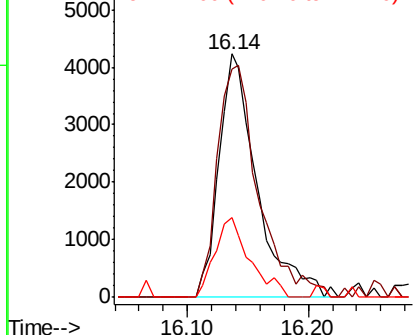
#42
 2,4,6-Tribromophenol
 Concen: 4.135 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043468.D
 Acq: 1 Nov 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Tot Ion:330 Resp: 9283
 Ion Ratio Lower Upper
 330 100
 332 102.1 76.4 114.6
 141 29.6 21.4 32.0

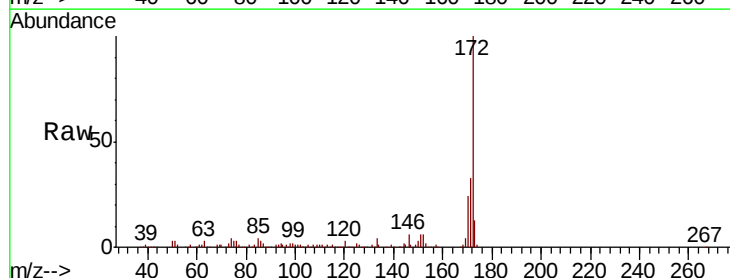


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

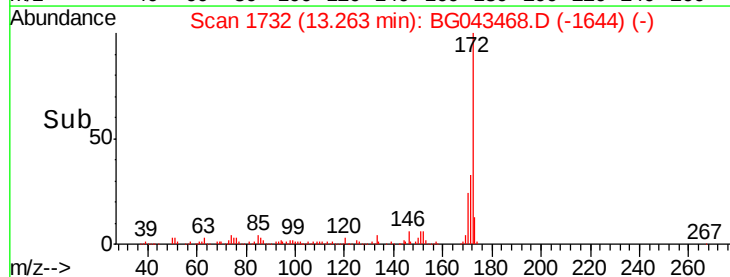
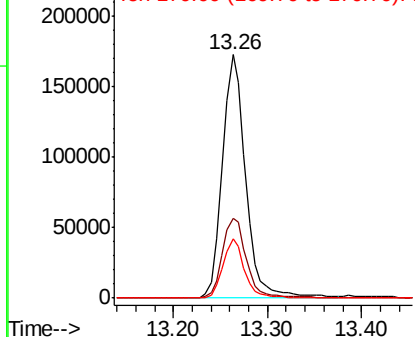


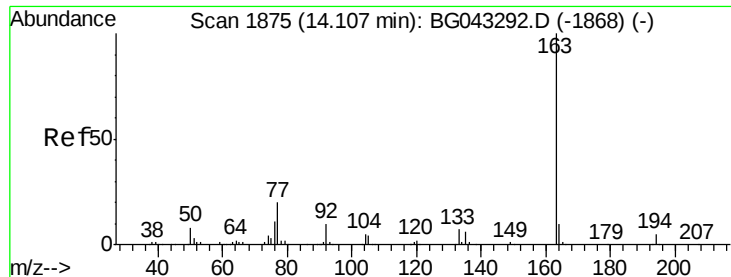
#45
 2-Fluorobiphenyl
 Concen: 34.989 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043468.D
 Acq: 1 Nov 2019 16:40

Tgt Ion:172 Resp: 298720
 Ion Ratio Lower Upper
 172 100
 171 33.0 28.5 42.7
 170 24.3 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: 8.243 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

Instrument :

BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

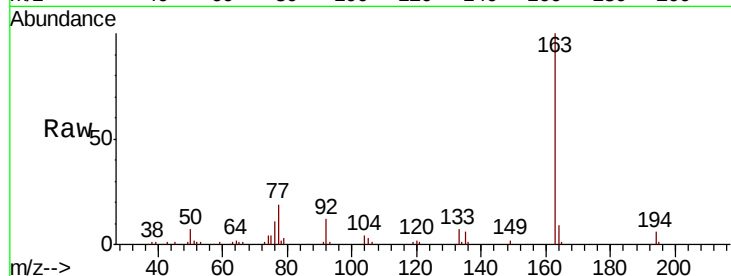
Tot Ion:163 Resp: 75323

Ion Ratio Lower Upper

163 100

194 5.8 3.7 5.5#

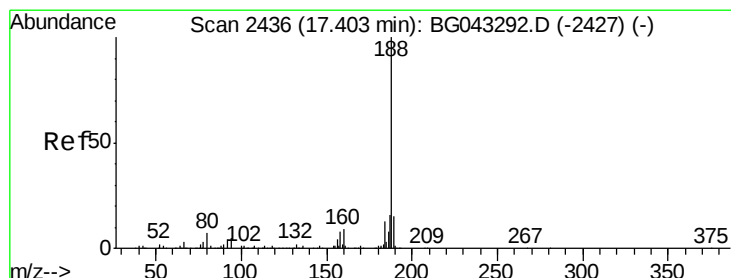
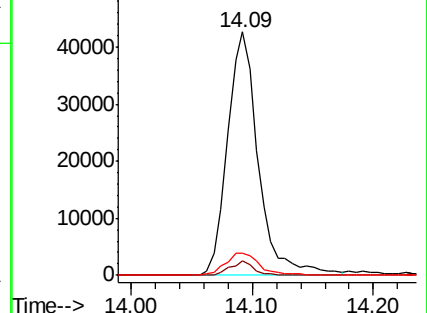
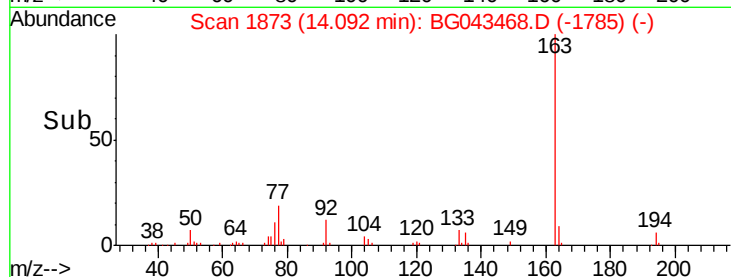
164 9.4 8.1 12.1



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: BG043468.D

Acq: 1 Nov 2019 16:40

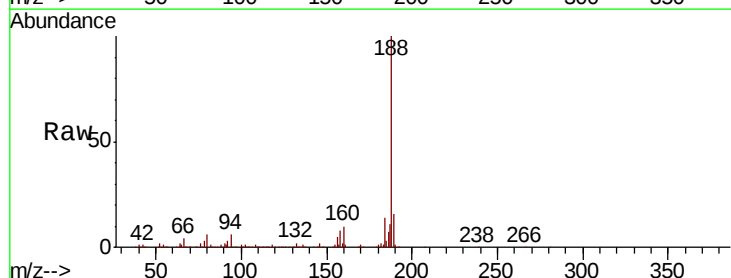
Tgt Ion:188 Resp: 276815

Ion Ratio Lower Upper

188 100

94 6.0 4.2 6.2

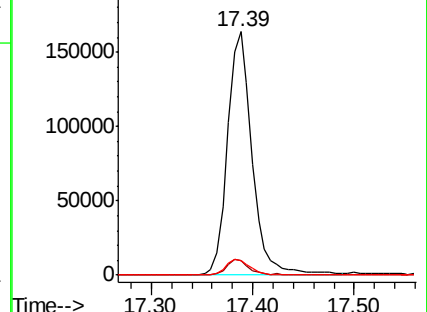
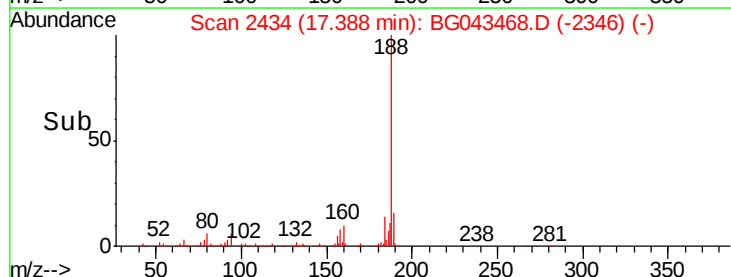
80 5.8 5.2 7.8

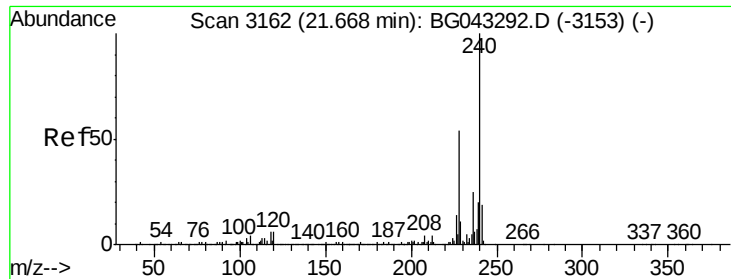


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

Instrument :

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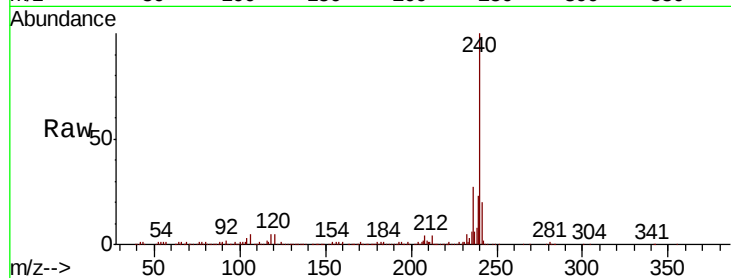
Tot Ion:240 Resp: 291604

Ion Ratio Lower Upper

240 100

120 5.2 4.6 7.0

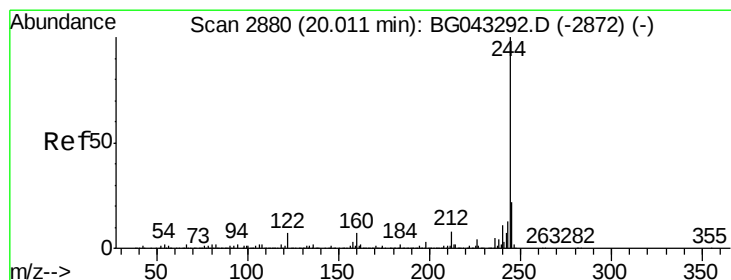
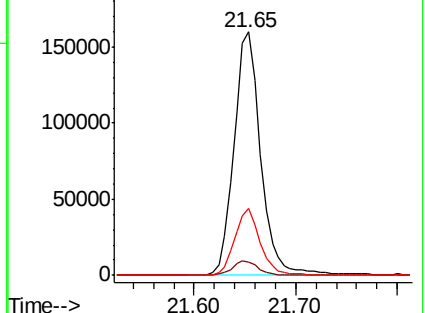
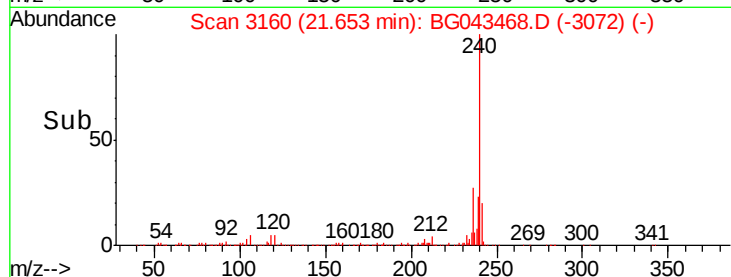
236 27.4 20.2 30.4



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: 46.080 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

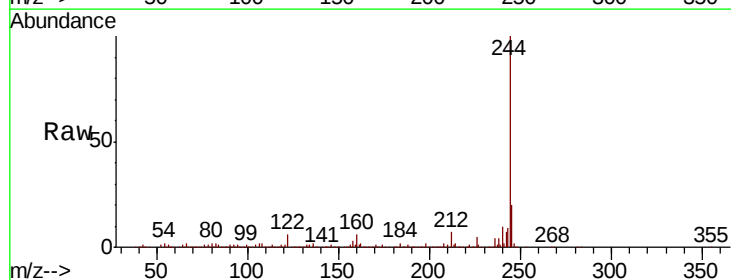
Tgt Ion:244 Resp: 716235

Ion Ratio Lower Upper

244 100

212 6.6 6.4 9.6

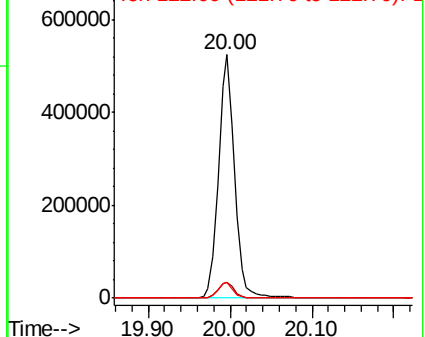
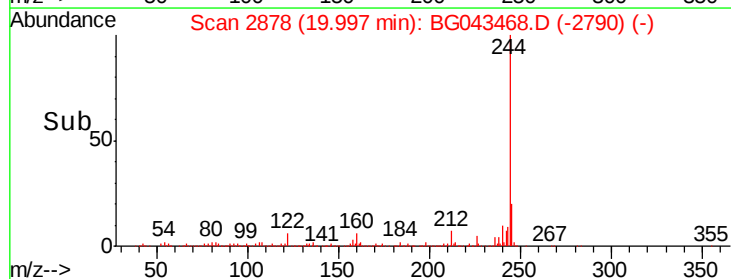
122 6.4 5.3 7.9

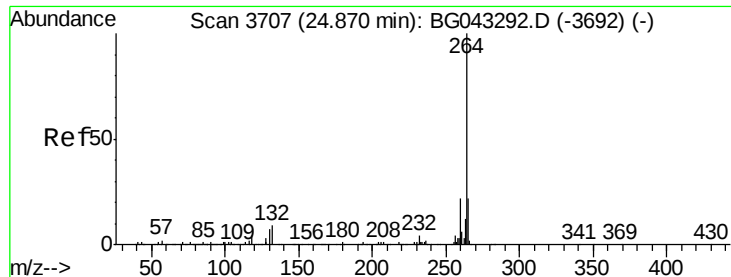


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG043468.D
 Acq: 1 Nov 2019 16:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	20.2	17.9	26.9
265	21.9	17.4	26.2

