

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043361.D
 Acq On : 28 Oct 2019 22:09
 Operator : JU
 Sample : K5494-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-102119

Quant Time: Oct 29 13:42:40 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

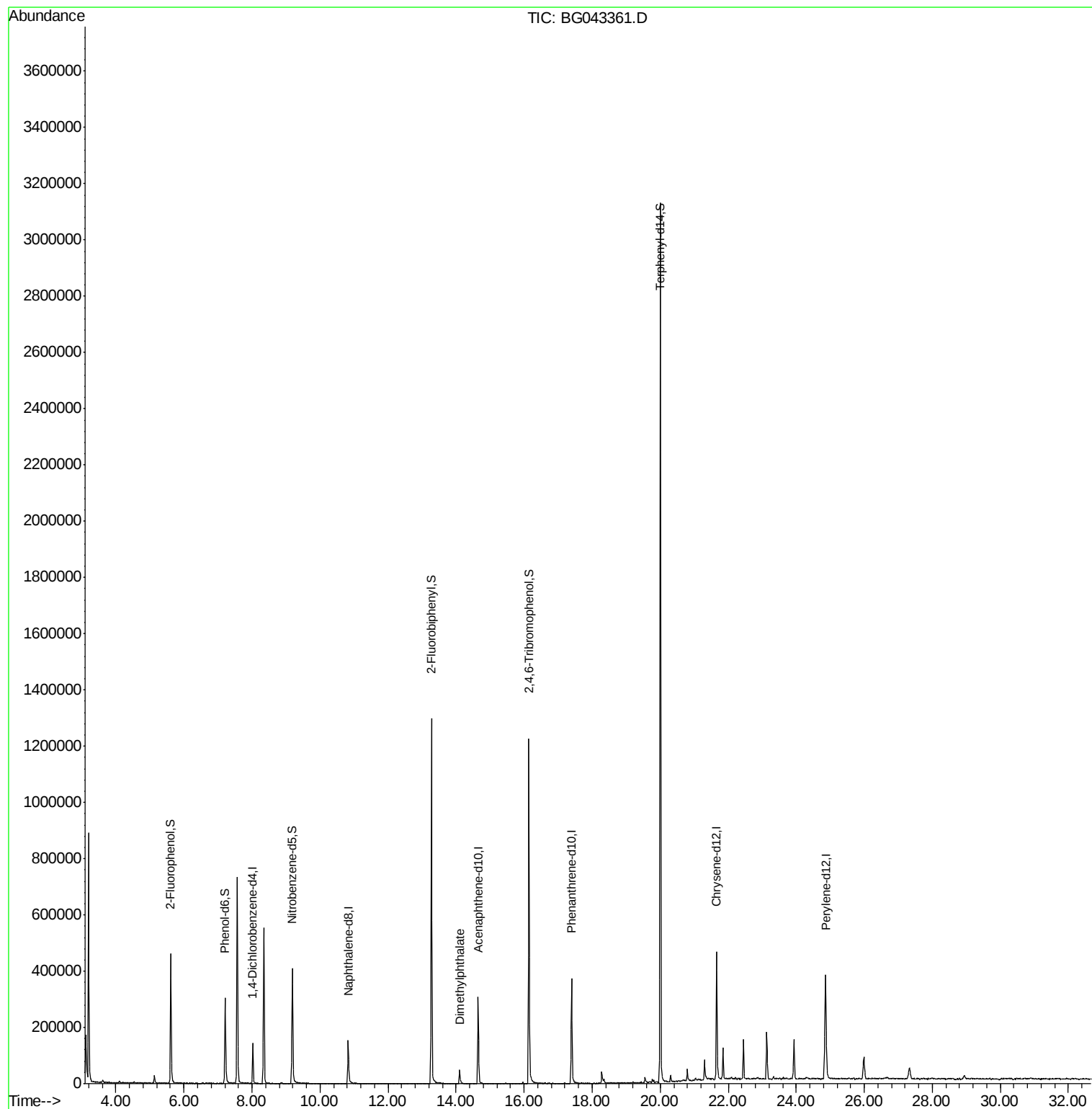
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43984	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	154805	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	120120	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	279131	20.00	ng	0.00
76) Chrysene-d12	21.66	240	307058	20.00	ng	0.00
87) Perylene-d12	24.86	264	362805	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	219747	91.55	ng	0.00
7) Phenol-d6	7.21	99	202522	58.64	ng	0.00
23) Nitrobenzene-d5	9.19	82	280176	93.31	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	301109	131.73	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	760623	87.50	ng	0.00
79) Terphenyl-d14	20.00	244	1567579	95.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	47856	5.144	ng	Qvalue 98

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

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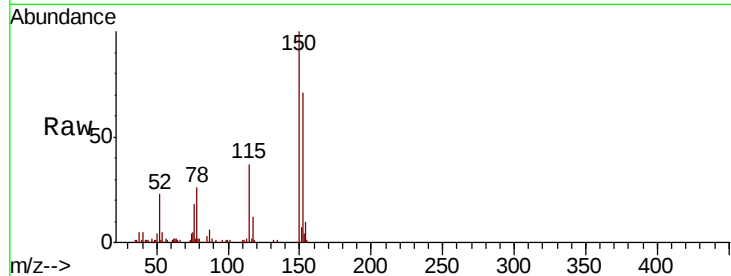


#1

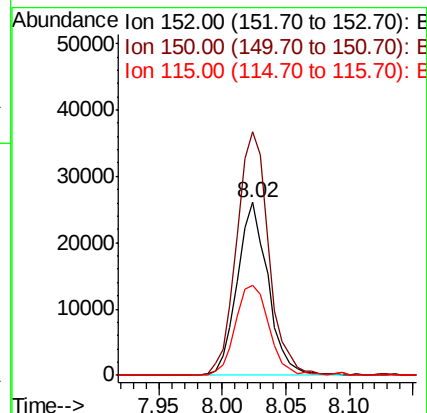
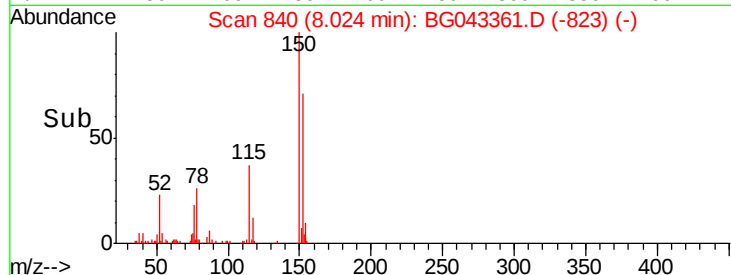
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043361.D
Acq: 28 Oct 2019 22:09

Instrument :
BNA_G
ClientSampleId :
FB-102119

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.7	113.6	170.4
115	52.3	45.9	68.9



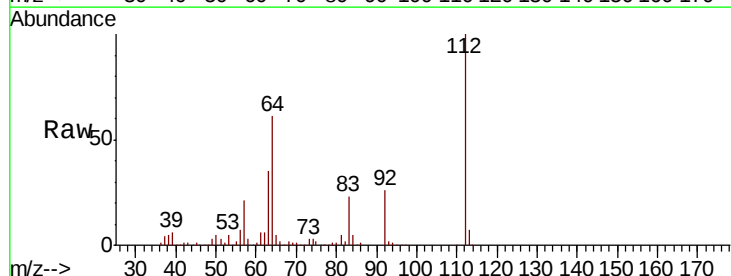
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



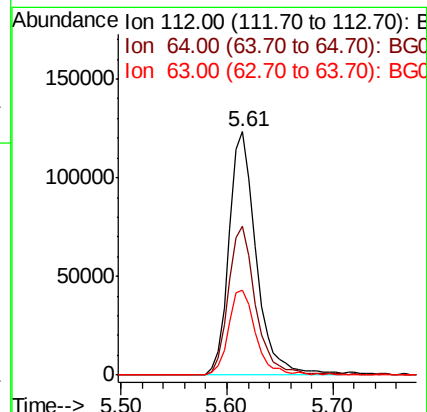
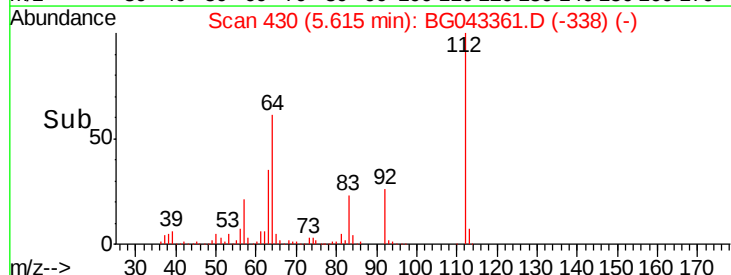
#5

2-Fluorophenol
Concen: 91.550 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043361.D
Acq: 28 Oct 2019 22:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	50.2	75.2
63	35.0	26.7	40.1



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: 58.643 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043361.D

Acq: 28 Oct 2019 22:09

Instrument :

BNA_G

ClientSampled :

FB-102119

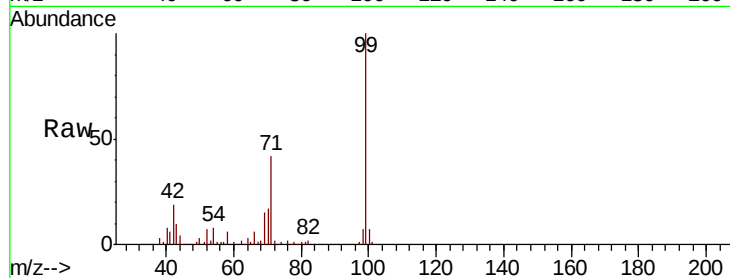
Tot Ion: 99 Resp: 202522

Ion Ratio Lower Upper

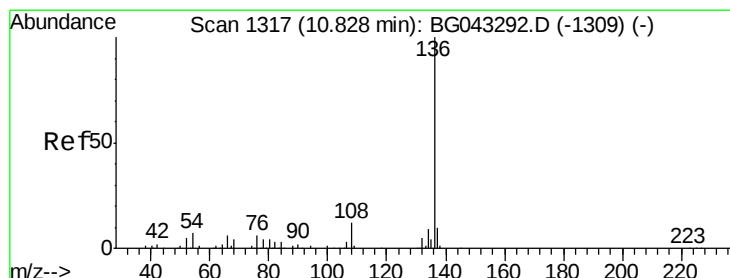
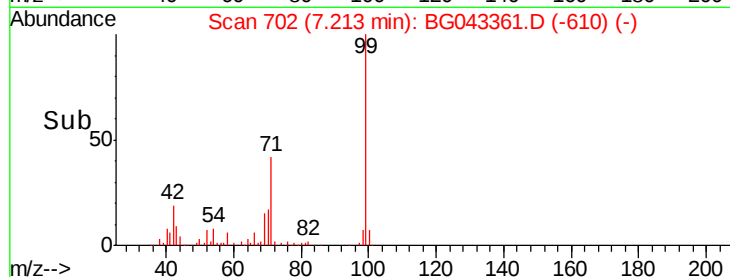
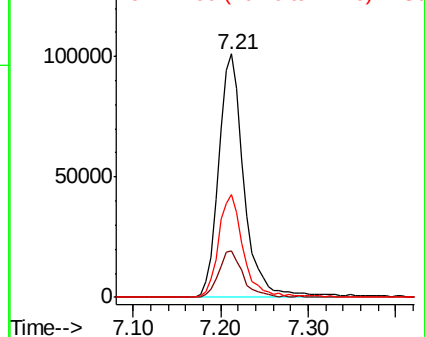
99 100

42 19.2 14.9 22.3

71 42.4 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: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043361.D

Acq: 28 Oct 2019 22:09

Tgt Ion: 136 Resp: 154805

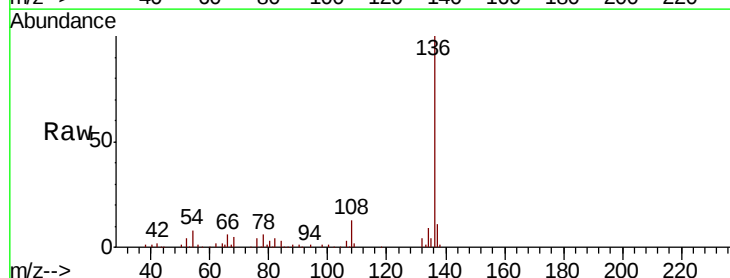
Ion Ratio Lower Upper

136 100

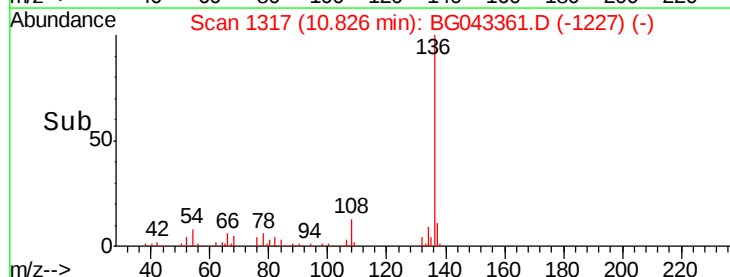
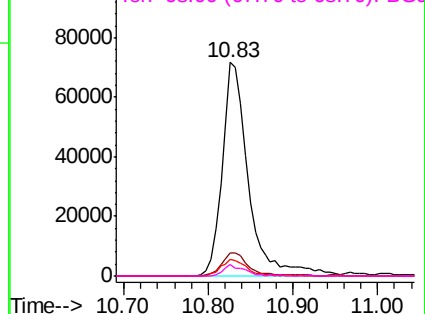
137 10.5 8.2 12.2

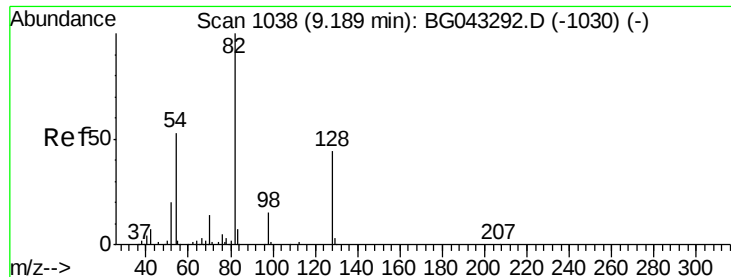
54 7.6 5.4 8.2

68 5.4 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

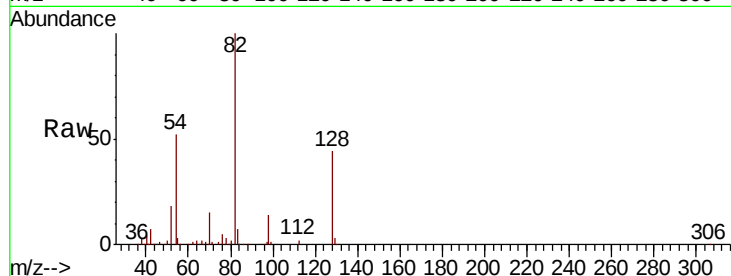




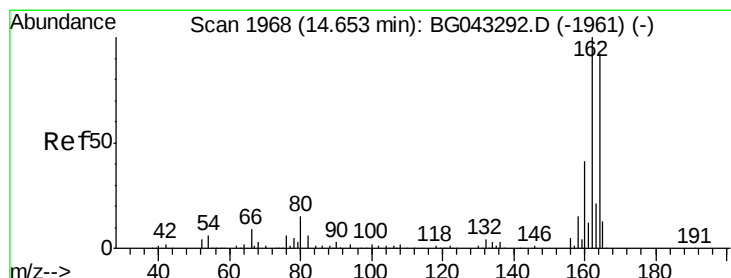
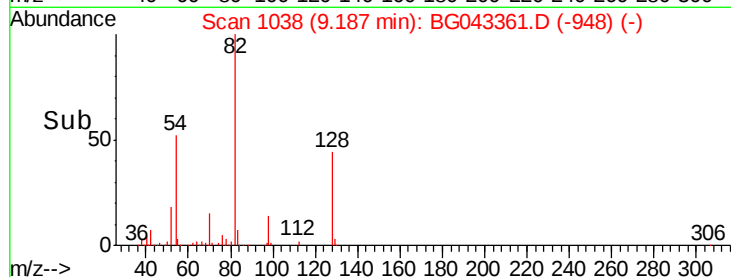
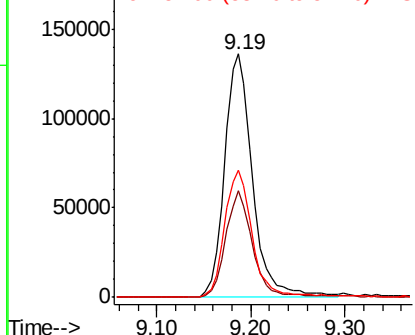
#23
Nitrobenzene-d5
Concen: 93.307 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043361.D
Acq: 28 Oct 2019 22:09

Instrument :
BNA_G
ClientSampleId :
FB-102119

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.3	52.9
54	52.2	42.3	63.5

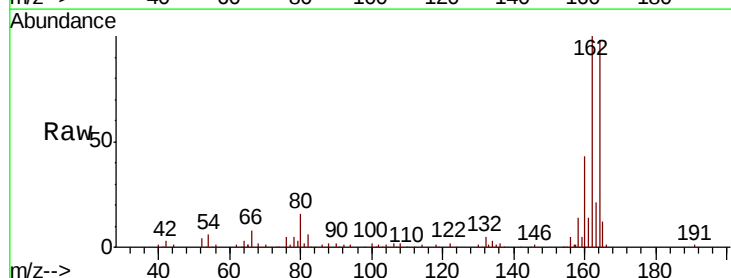


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

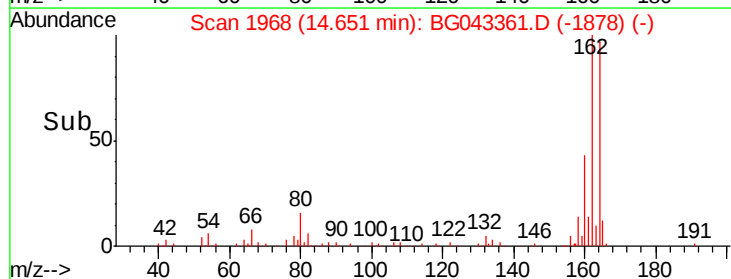
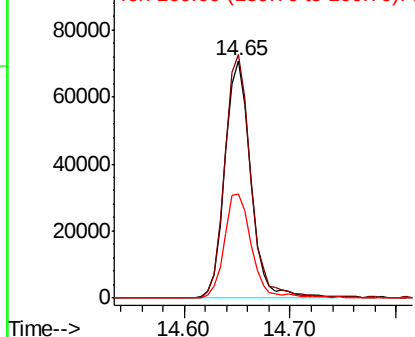


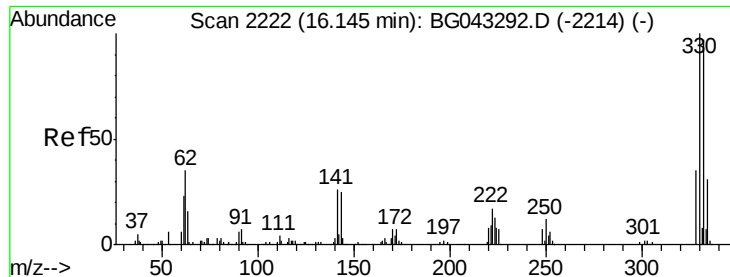
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043361.D
Acq: 28 Oct 2019 22:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	87.0	130.4
160	43.9	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

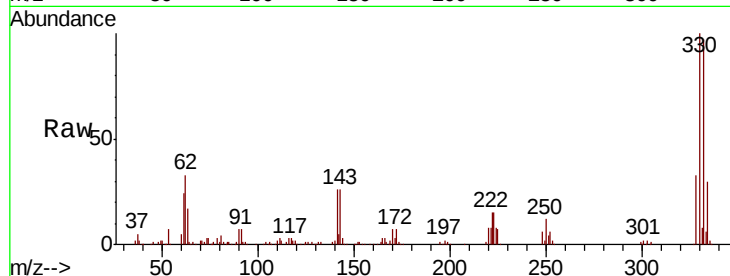




#42
 2,4,6-Tribromophenol
 Concen: 131.725 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043361.D
 Acq: 28 Oct 2019 22:09

Instrument :
 BNA_G
 ClientSampleId :
 FB-102119

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.4	114.6
141	29.0	21.4	32.0

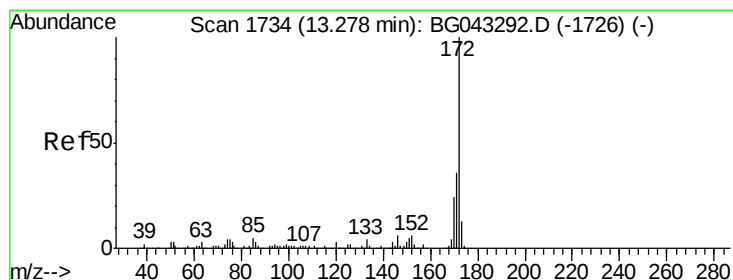
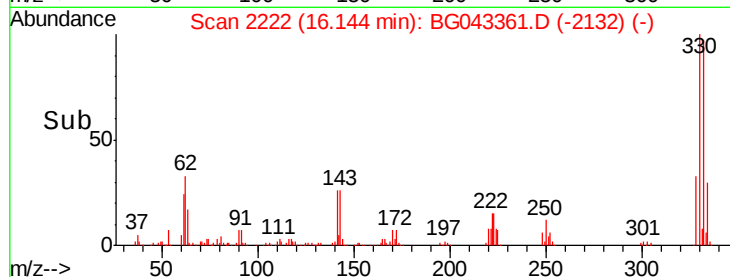
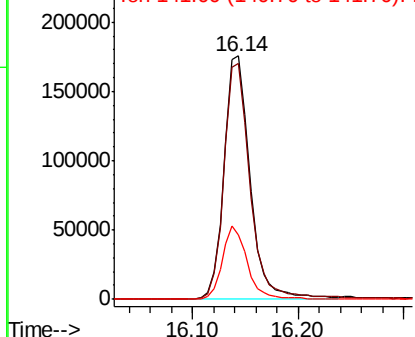


Abundance

Ion 329.80 (329.50 to 330.50): E

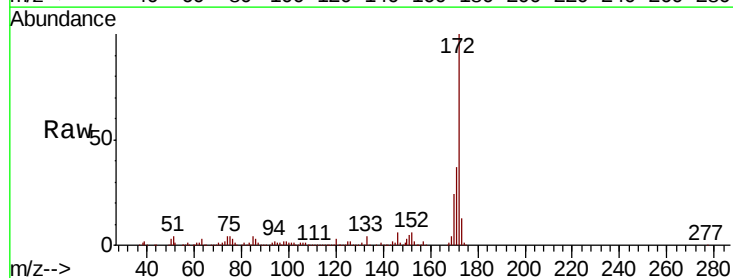
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.498 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043361.D
 Acq: 28 Oct 2019 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.5	42.7
170	24.3	18.8	28.2

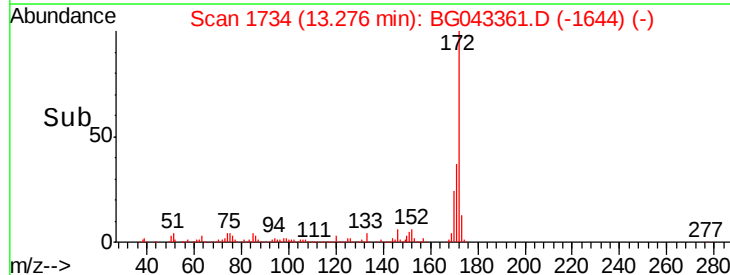
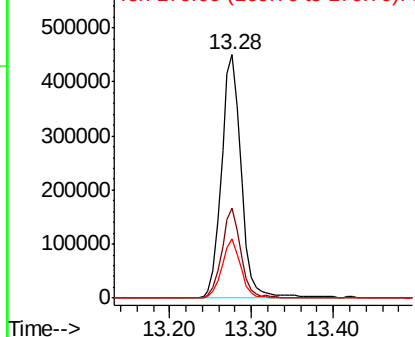


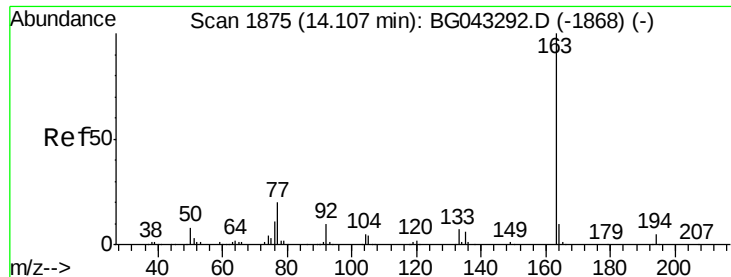
Abundance

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: 5.144 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043361.D

Acq: 28 Oct 2019 22:09

Instrument :

BNA_G

ClientSampleId :

FB-102119

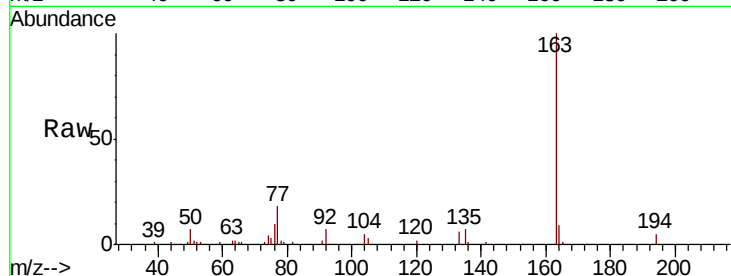
Tot Ion:163 Resp: 47856

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

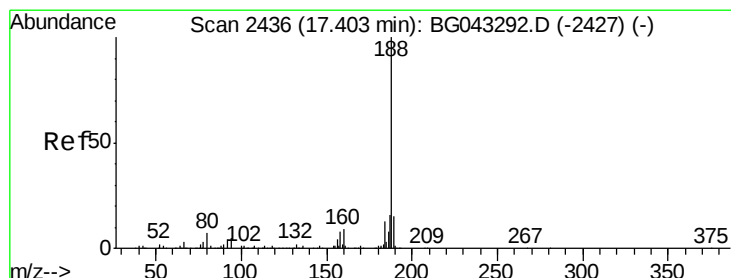
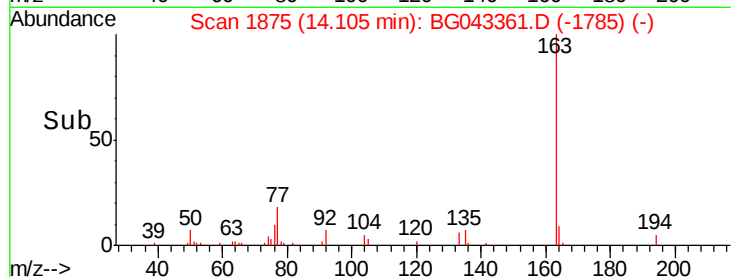
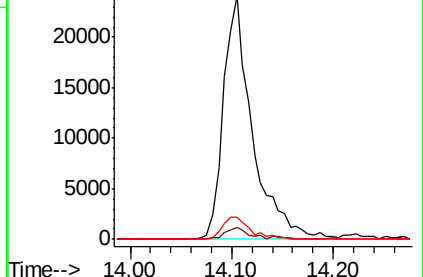
164 9.2 8.1 12.1



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# 2435

Delta R.T. -0.01 min

Lab File: BG043361.D

Acq: 28 Oct 2019 22:09

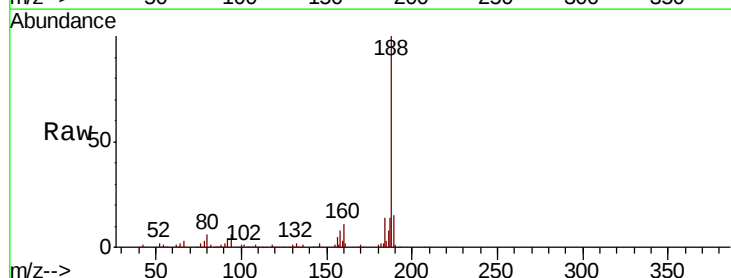
Tgt Ion:188 Resp: 279131

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.2#

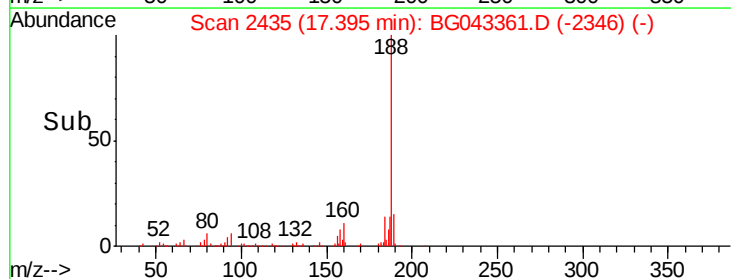
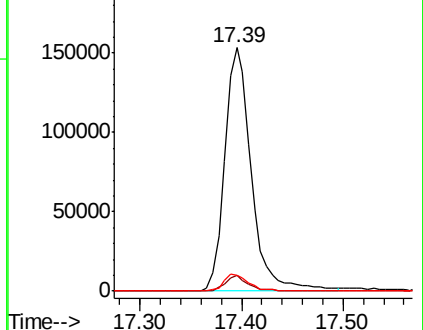
80 6.3 5.2 7.8

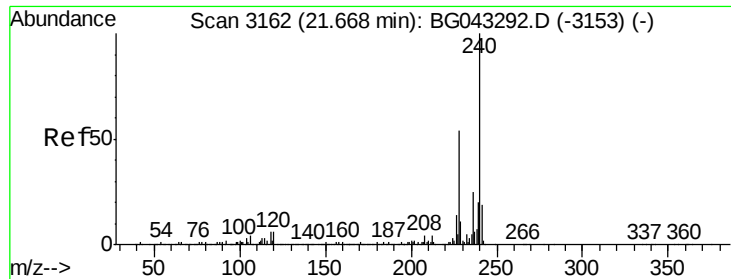


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043361.D

Acq: 28 Oct 2019 22:09

Instrument :

BNA_G

ClientSampleId :

FB-102119

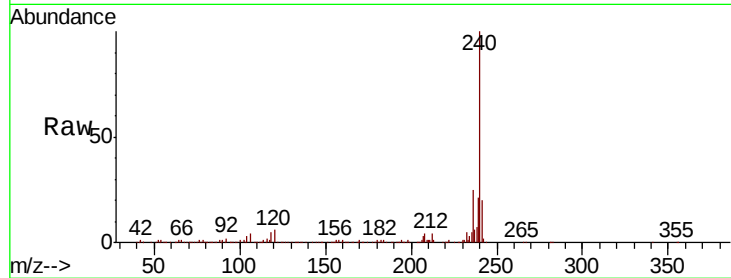
Tot Ion:240 Resp: 307058

Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

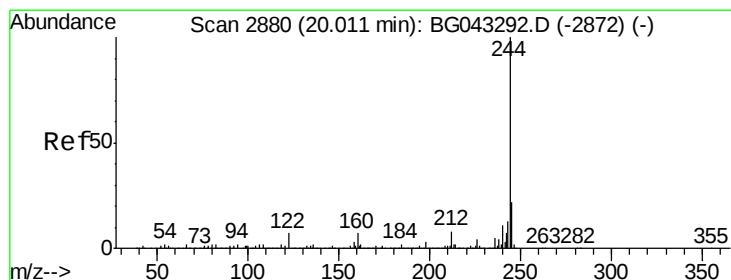
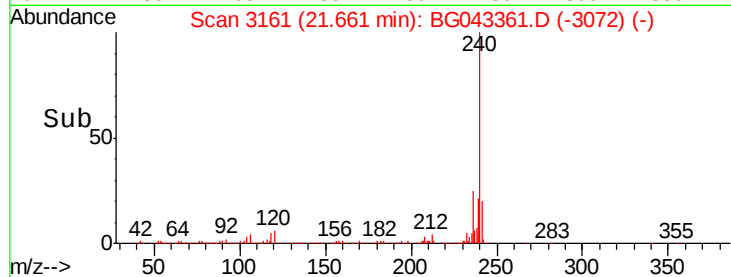
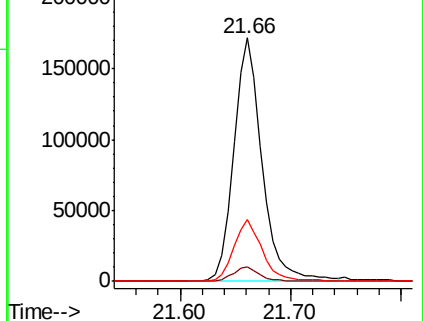
236 25.2 20.2 30.4



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: 95.776 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043361.D

Acq: 28 Oct 2019 22:09

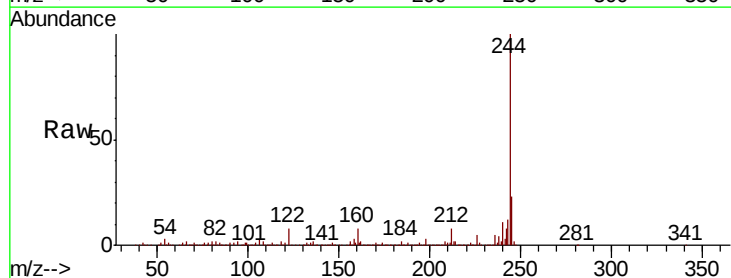
Tgt Ion:244 Resp: 1567579

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

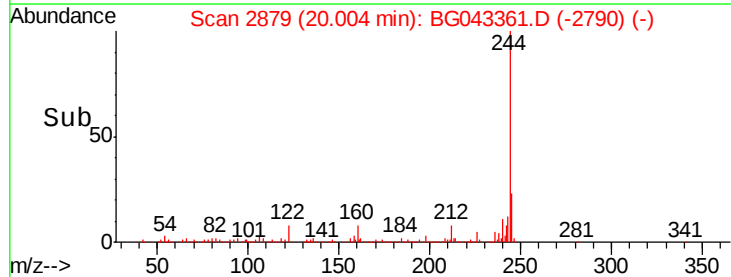
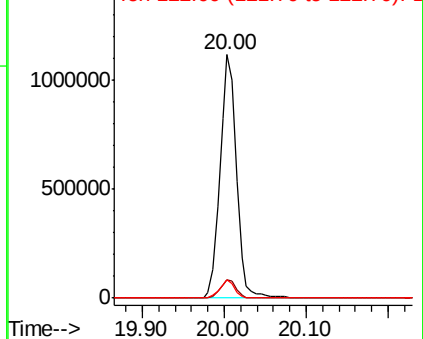
122 7.5 5.3 7.9

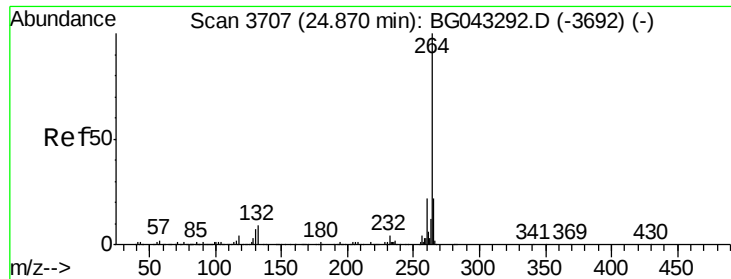


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043361.D
 Acq: 28 Oct 2019 22:09

Instrument :
 BNA_G
 ClientSampleId :
 FB-102119

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.7	17.4	26.2

