

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043321.D
 Acq On : 23 Oct 2019 23:10
 Operator : JU
 Sample : K5495-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WASTE

Quant Time: Oct 24 07:10:01 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

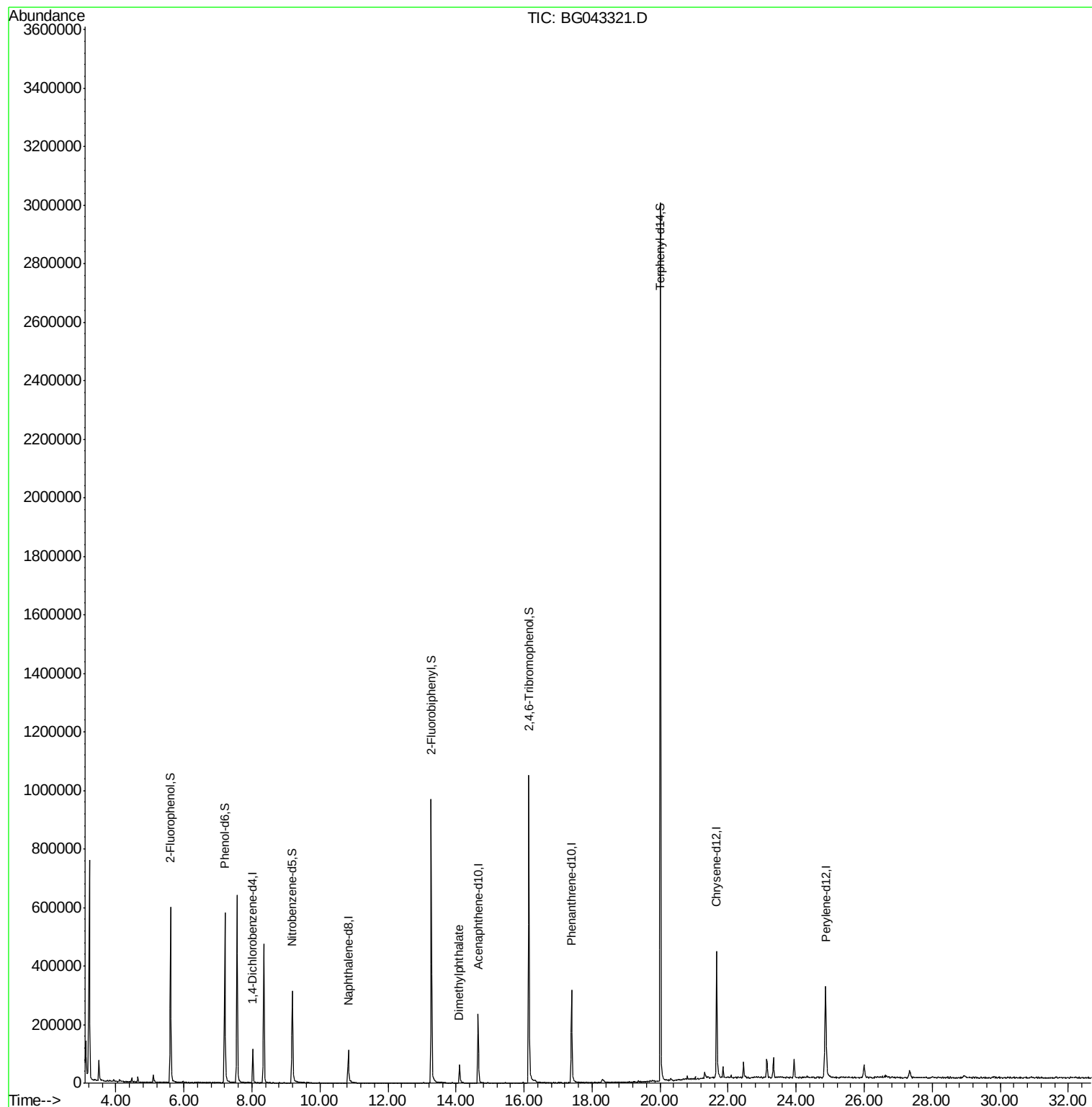
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34449	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115099	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	94853	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	243341	20.00	ng	0.00
76) Chrysene-d12	21.66	240	308001	20.00	ng	0.00
87) Perylene-d12	24.86	264	345220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	275866	146.74	ng	0.00
7) Phenol-d6	7.20	99	359937	133.07	ng	0.00
23) Nitrobenzene-d5	9.19	82	228183	102.21	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	263345	145.89	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	603601	87.93	ng	0.00
79) Terphenyl-d14	20.01	244	1570667	95.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	55844	7.601	ng	Qvalue # 94

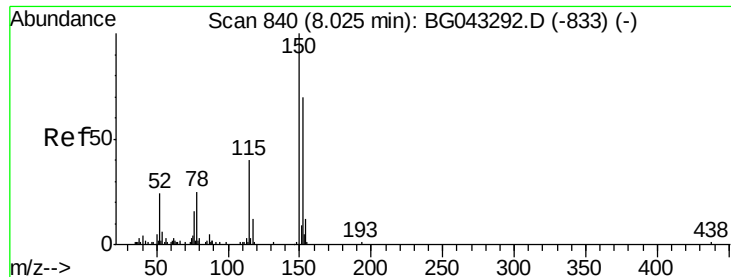
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 21 16:37:43 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043321.D

Acq: 23 Oct 2019 23:10

Instrument :

BNA_G

ClientSampleId :

WASTE

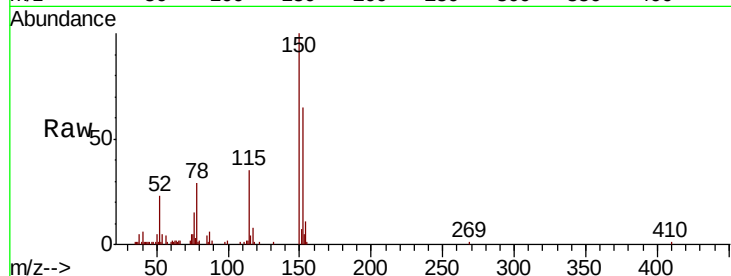
Tot Ion:152 Resp: 34449

Ion Ratio Lower Upper

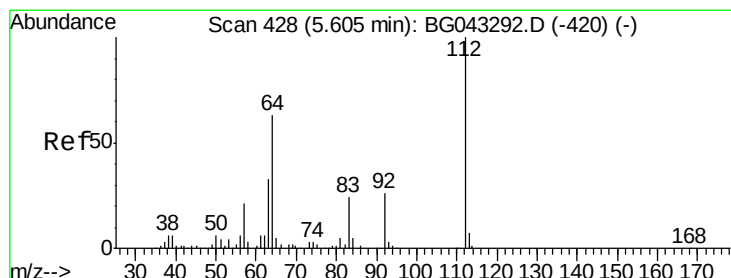
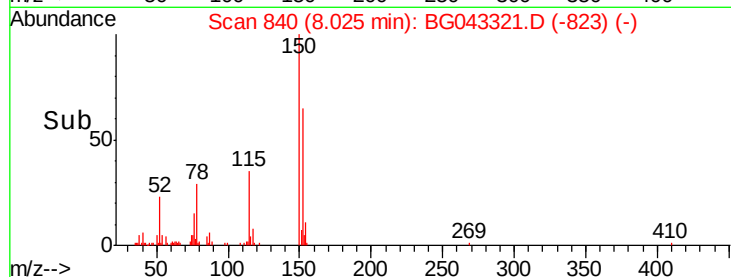
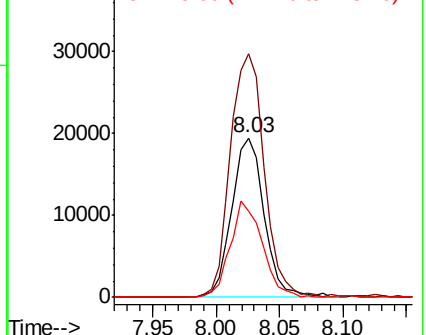
152 100

150 152.9 113.6 170.4

115 54.0 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: 146.742 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG043321.D

Acq: 23 Oct 2019 23:10

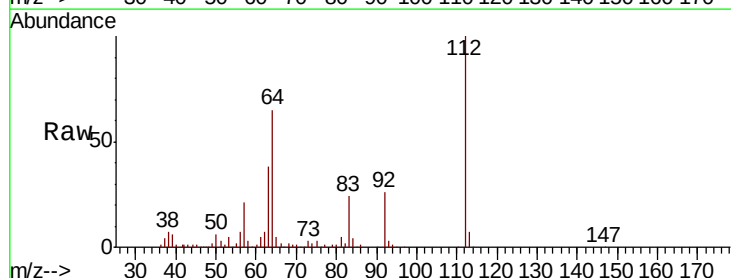
Tgt Ion:112 Resp: 275866

Ion Ratio Lower Upper

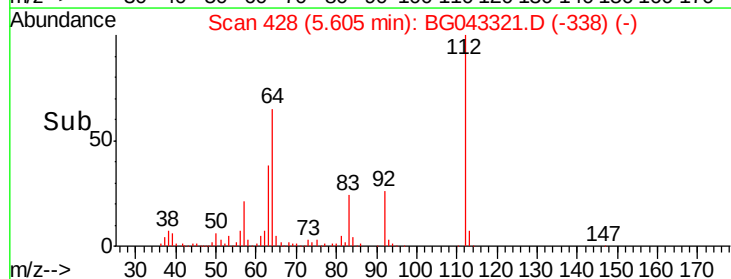
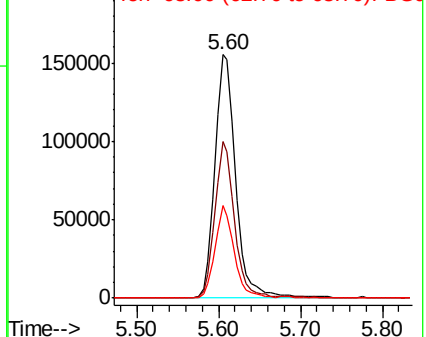
112 100

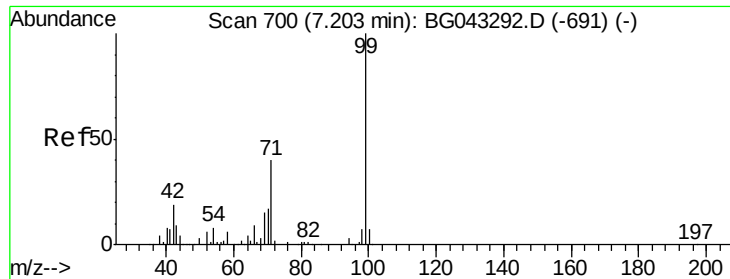
64 64.5 50.2 75.2

63 38.0 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.074 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043321.D

Acq: 23 Oct 2019 23:10

Instrument :

BNA_G

ClientSampled :

WASTE

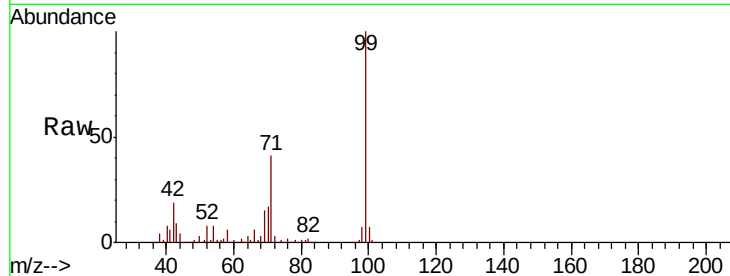
Tot Ion: 99 Resp: 359937

Ion Ratio Lower Upper

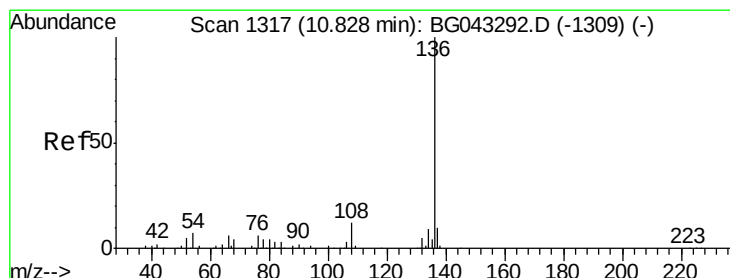
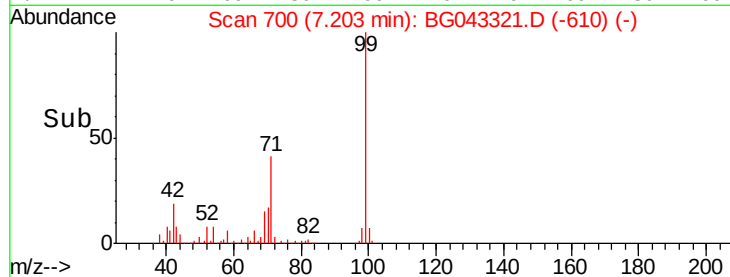
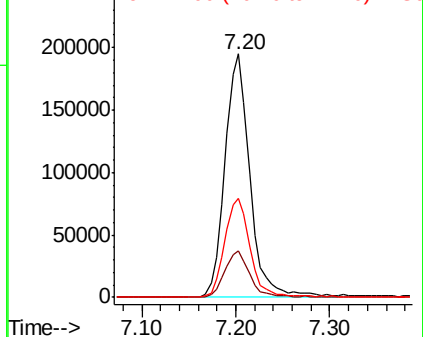
99 100

42 19.0 14.9 22.3

71 40.6 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: BG043321.D

Acq: 23 Oct 2019 23:10

Tgt Ion: 136 Resp: 115099

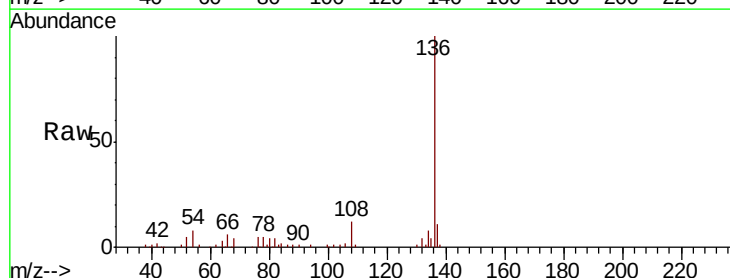
Ion Ratio Lower Upper

136 100

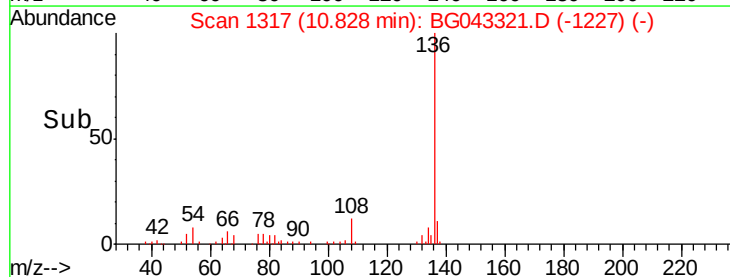
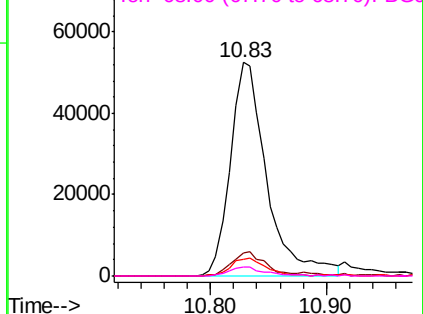
137 11.0 8.2 12.2

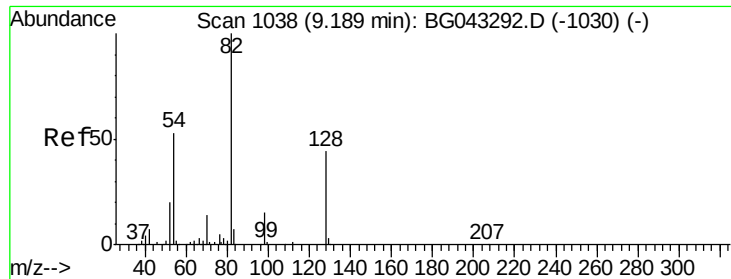
54 7.8 5.4 8.2

68 4.4 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

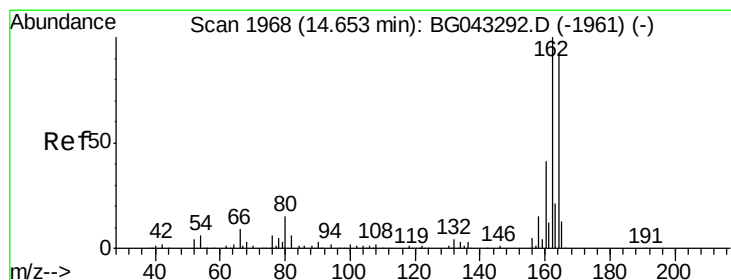
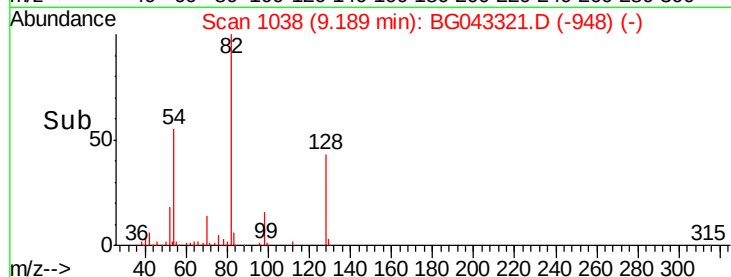
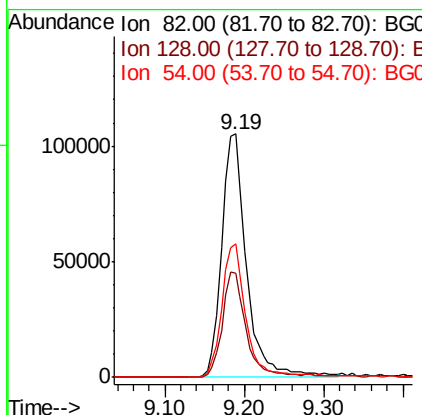
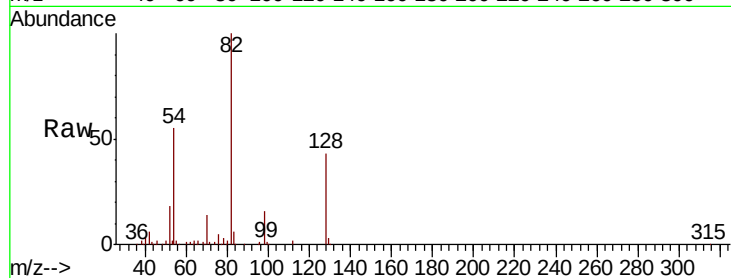




#23
 Nitrobenzene-d5
 Concen: 102.206 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043321.D
 Acq: 23 Oct 2019 23:10

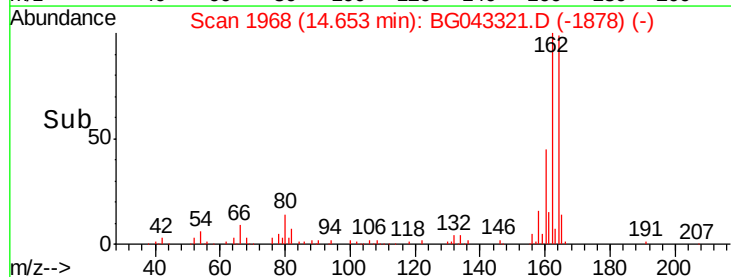
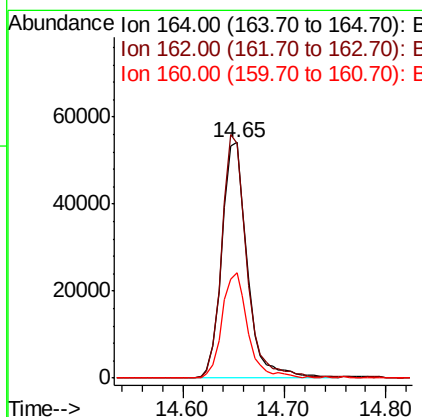
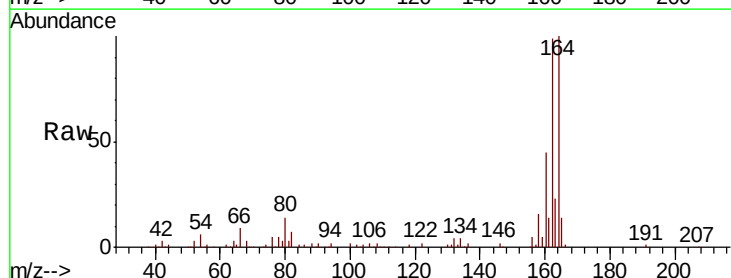
Instrument :
 BNA_G
 ClientSampled :
 WASTE

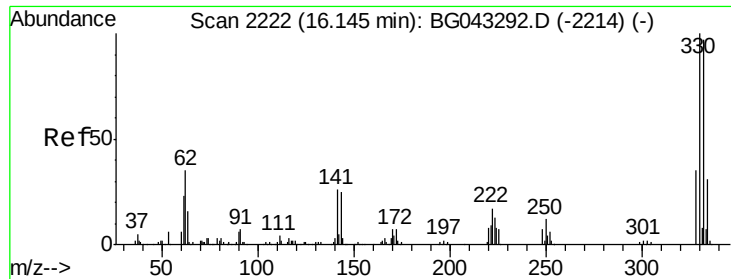
Tot Ion	82	Resp	228183
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.3	52.9
54	54.7	42.3	63.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043321.D
 Acq: 23 Oct 2019 23:10

Tgt Ion	164	Resp	94853
Ion Ratio	Lower	Upper	
164	100		
162	99.4	87.0	130.4
160	44.6	35.5	53.3

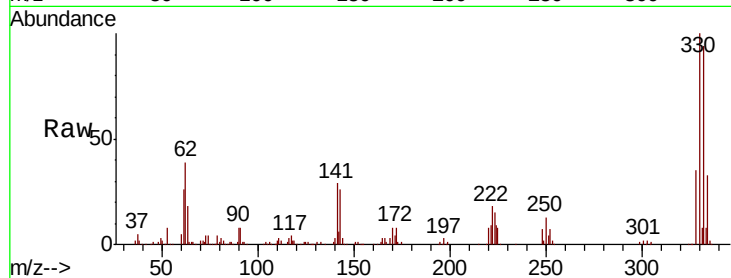




#42
 2,4,6-Tribromophenol
 Concen: 145.893 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043321.D
 Acq: 23 Oct 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :
 WASTE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	27.9	21.4	32.0

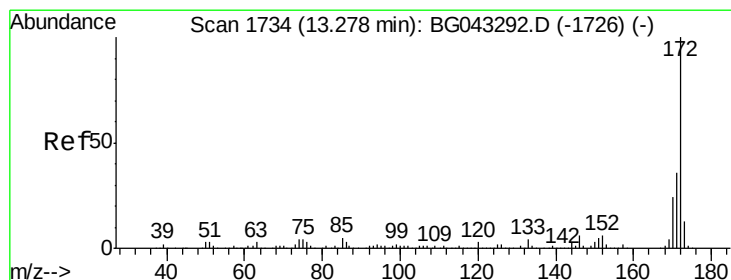
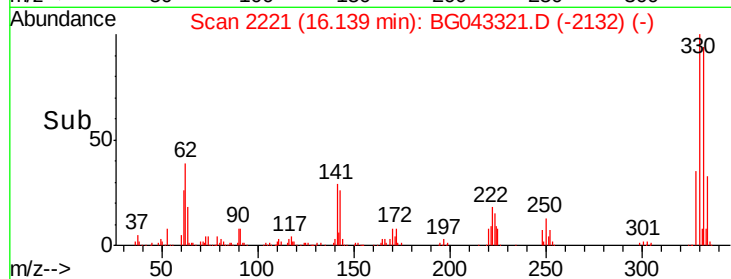
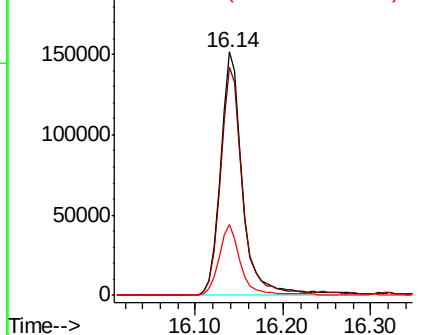


Abundance

Ion 329.80 (329.50 to 330.50): E

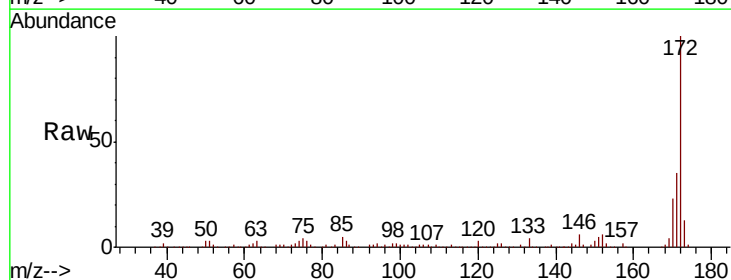
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.932 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043321.D
 Acq: 23 Oct 2019 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.5	18.8	28.2

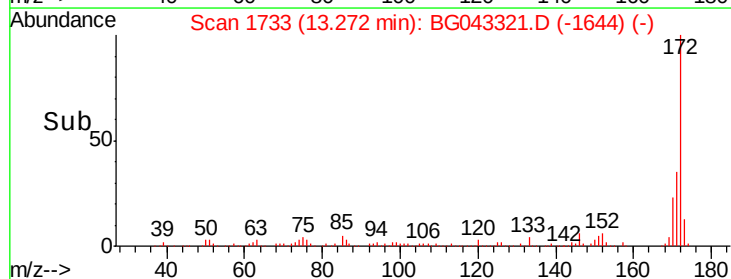
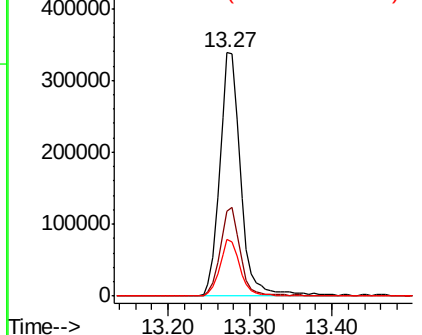


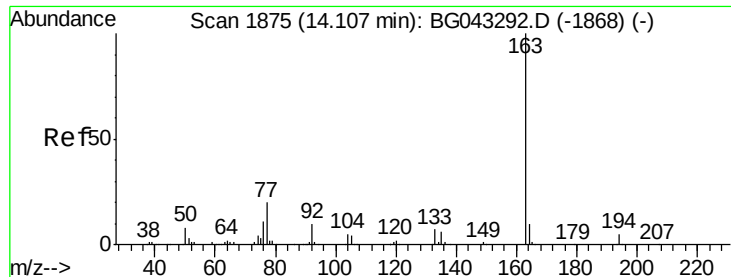
Abundance

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: 7.601 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG043321.D

Acq: 23 Oct 2019 23:10

Instrument :

BNA_G

ClientSampleId :

WASTE

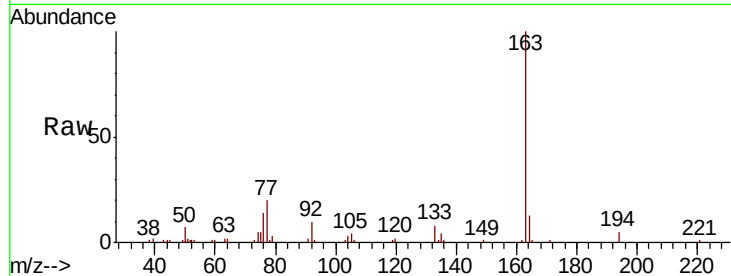
Tot Ion:163 Resp: 55844

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

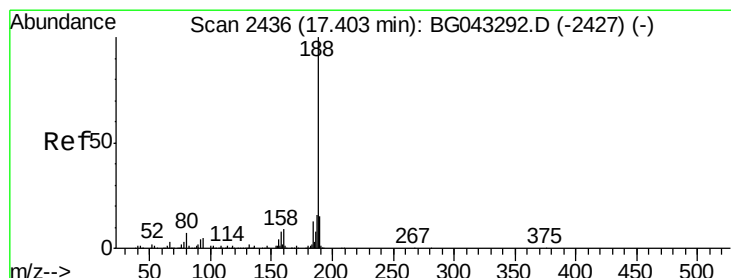
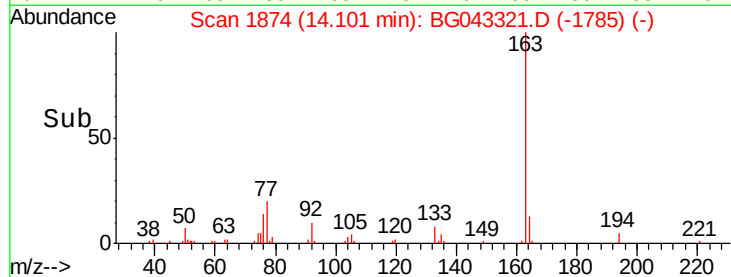
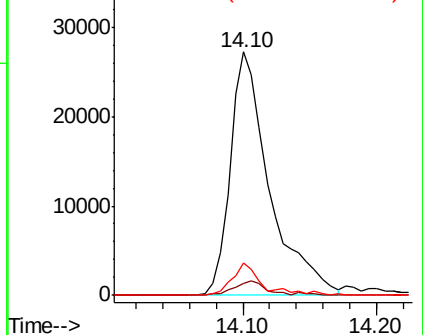
164 13.4 8.1 12.1#



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043321.D

Acq: 23 Oct 2019 23:10

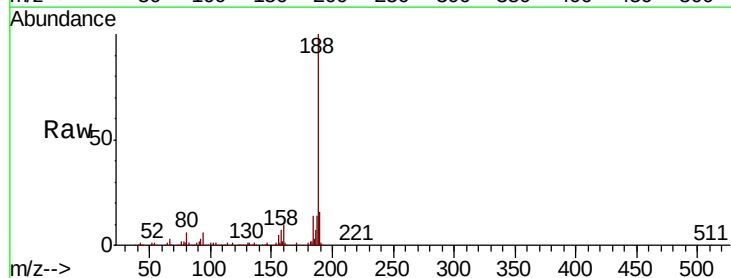
Tgt Ion:188 Resp: 243341

Ion Ratio Lower Upper

188 100

94 6.2 4.2 6.2

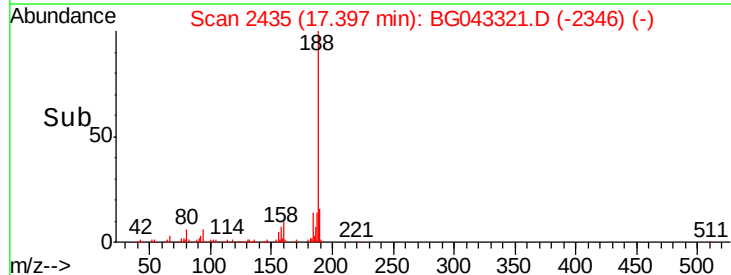
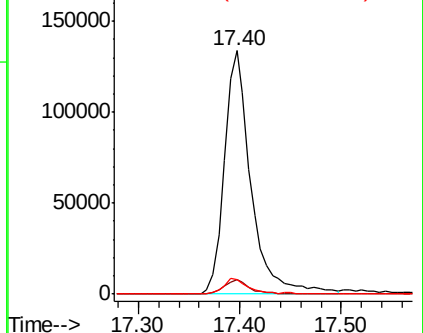
80 6.1 5.2 7.8

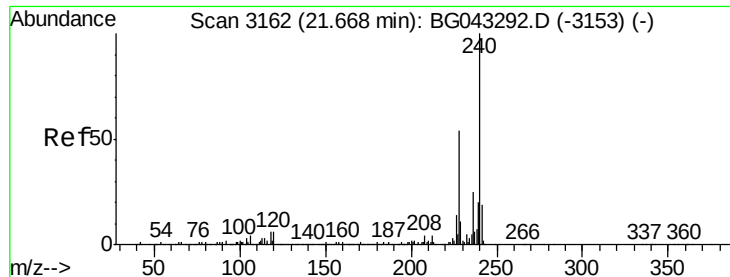


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG043321.D

Acq: 23 Oct 2019 23:10

Instrument :

BNA_G

ClientSampleId :

WASTE

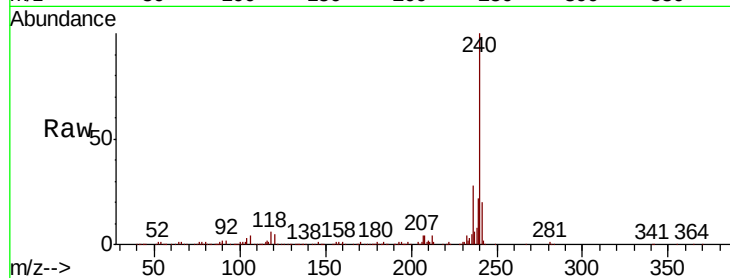
Tot Ion:240 Resp: 308001

Ion Ratio Lower Upper

240 100

120 5.1 4.6 7.0

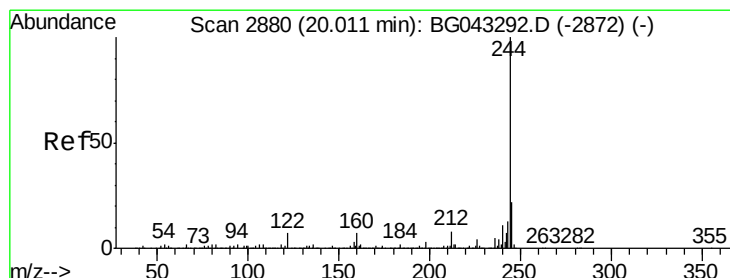
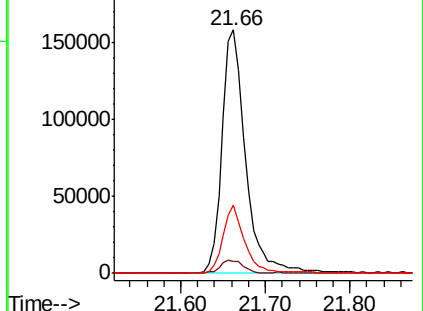
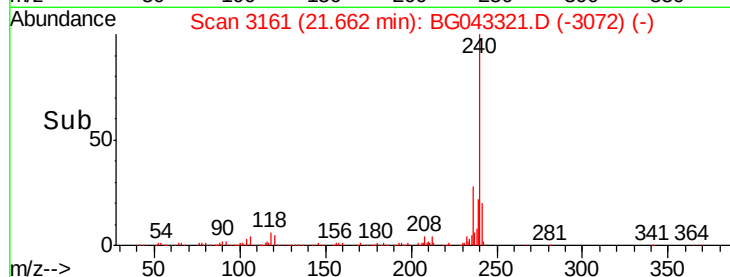
236 27.9 20.2 30.4



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: 95.670 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043321.D

Acq: 23 Oct 2019 23:10

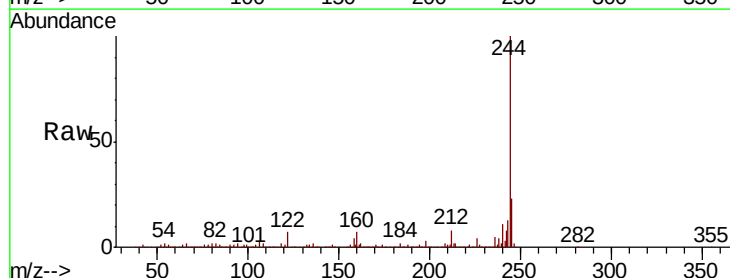
Tgt Ion:244 Resp: 1570667

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

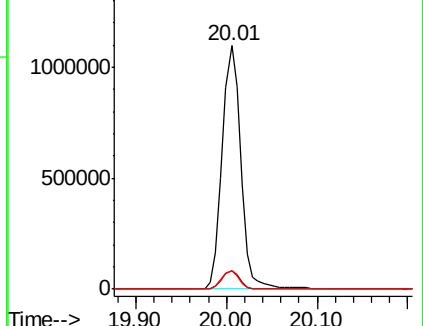
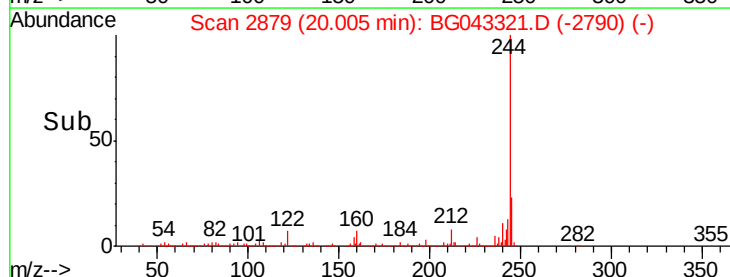
122 7.4 5.3 7.9

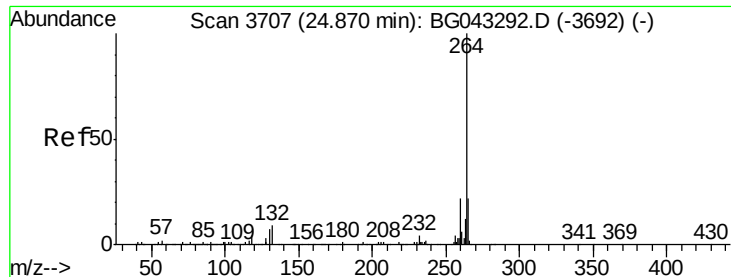


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3706
 Delta R.T. -0.01 min
 Lab File: BG043321.D
 Acq: 23 Oct 2019 23:10

Instrument :
 BNA_G
 ClientSampleId :
 WASTE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.9	26.9
265	21.8	17.4	26.2

