

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043638.D
 Acq On : 14 Nov 2019 17:52
 Operator : JU
 Sample : K5832-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)

Quant Time: Nov 15 00:59:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

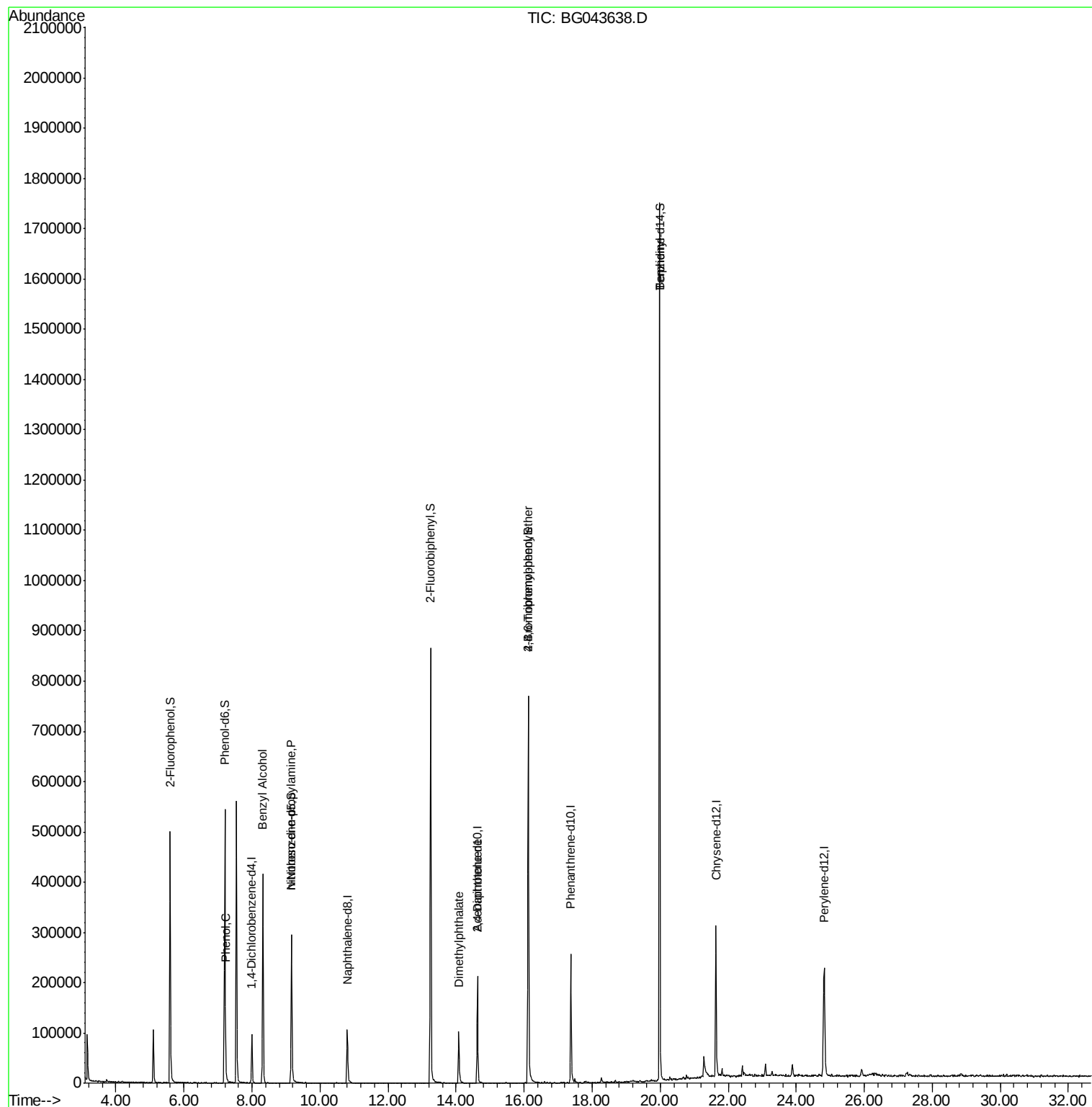
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28995	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	111970	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	84688	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	201680	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	211943	20.00	ng	-0.02
87) Perylene-d12	24.82	264	250533	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	237221	149.92	ng	0.00
7) Phenol-d6	7.20	99	336859	147.97	ng	0.00
23) Nitrobenzene-d5	9.16	82	202030	93.02	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	192878	119.68	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	521879	85.15	ng	-0.01
79) Terphenyl-d14	19.99	244	977640	86.54	ng	-0.01
Target Compounds						
10) Phenol	7.22	94	10170	4.889	ng	# 72
15) Benzyl Alcohol	8.32	79	3543	2.216	ng	# 59
19) n-Nitroso-di-n-propylamine	9.16	70	29464	20.029	ng	# 81
50) Dimethylphthalate	14.08	163	85342	13.010	ng	# 98
57) 2,4-Dinitrotoluene	14.62	165	10858	5.331	ng	# 25
67) 4-Bromophenyl-phenylether	16.12	248	12749	4.697	ng	# 1
77) Benzidine	19.98	184	14404	3.377	ng	# 23

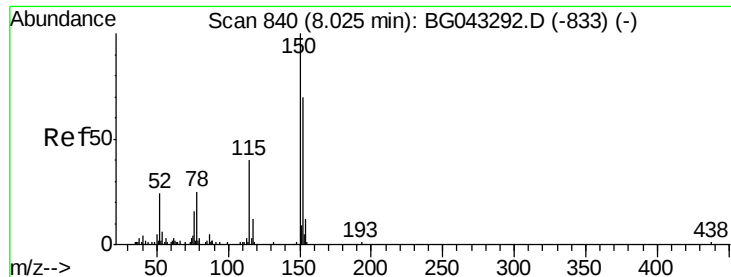
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration



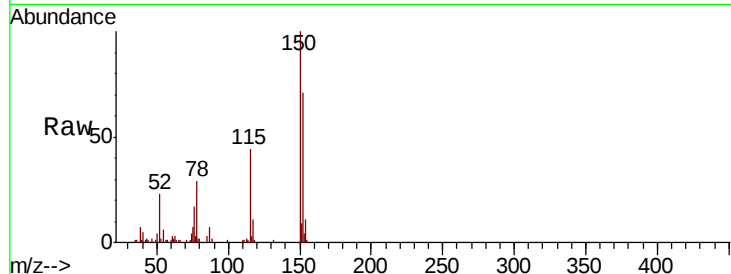


#1

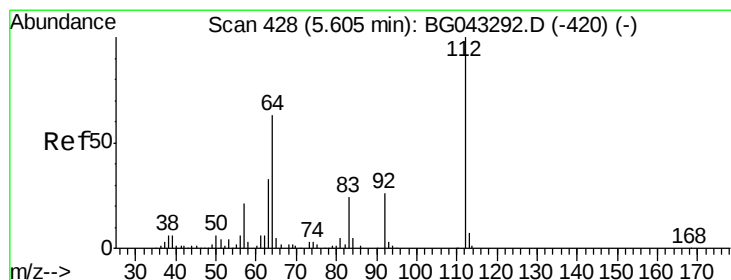
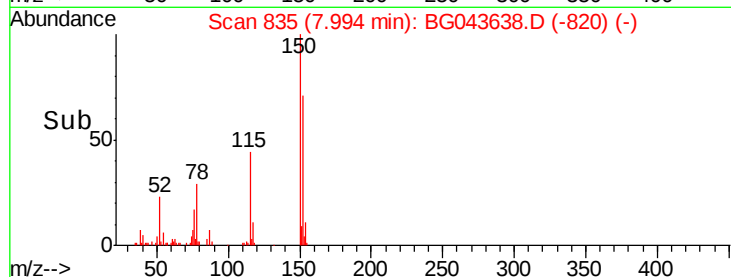
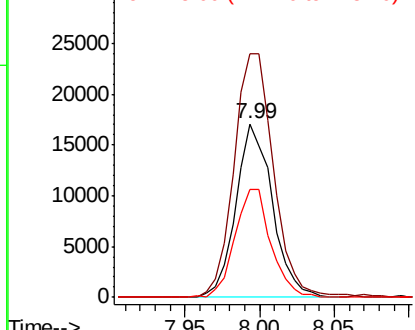
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043638.D
Acq: 14 Nov 2019 17:52

Instrument :
BNA_G
ClientSampleId :
8-(8-10)

Tot Ion:152 Resp: 28995
Ion Ratio Lower Upper
152 100
150 140.4 129.4 194.0
115 61.9 48.8 73.2



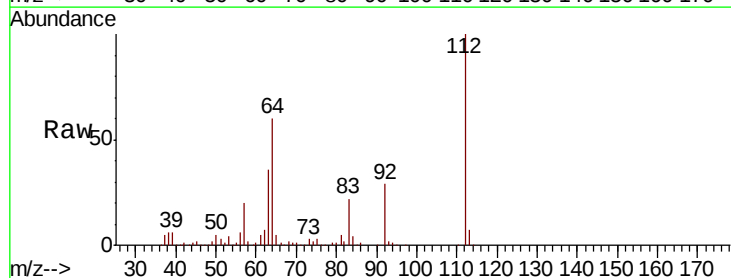
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



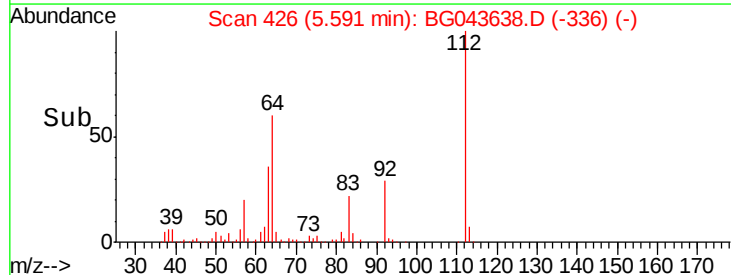
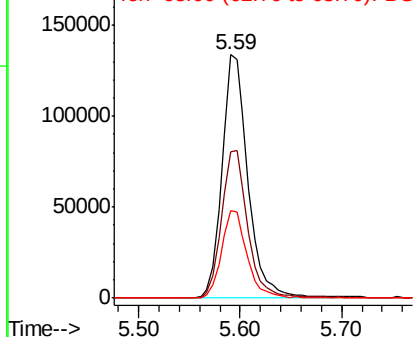
#5

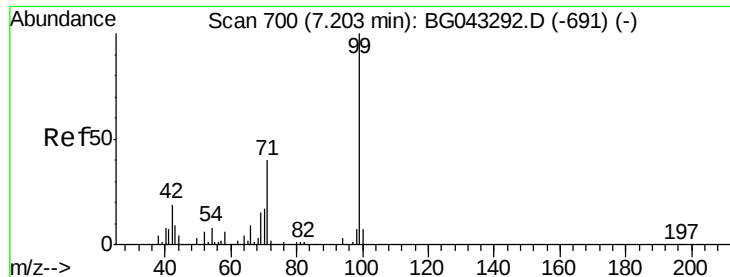
2-Fluorophenol
Concen: 149.921 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043638.D
Acq: 14 Nov 2019 17:52

Tgt Ion:112 Resp: 237221
Ion Ratio Lower Upper
112 100
64 59.9 50.0 75.0
63 36.0 26.6 40.0



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: 147.968 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

Instrument :

BNA_G

ClientSampleId :

8-(8-10)

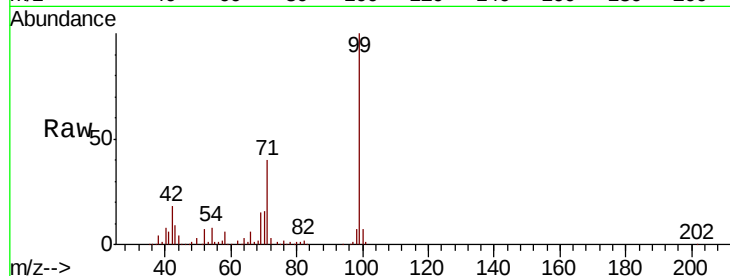
Tot Ion: 99 Resp: 336859

Ion Ratio Lower Upper

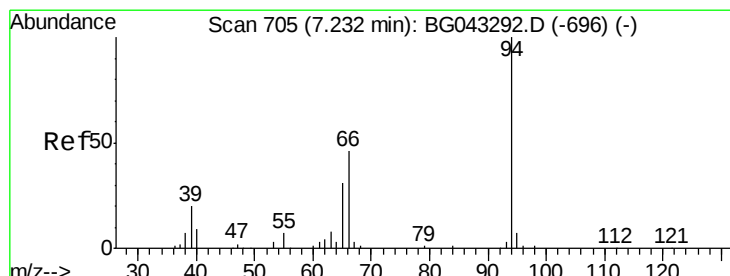
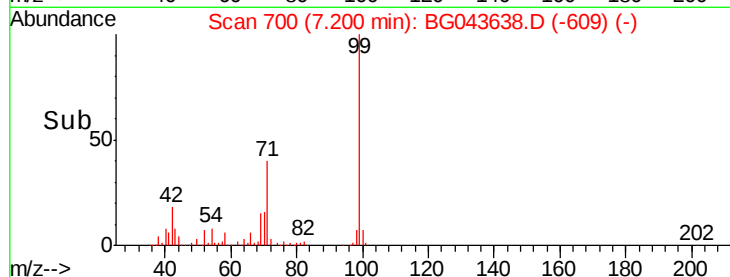
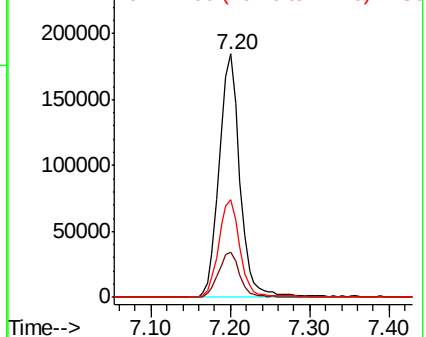
99 100

42 18.4 14.6 21.8

71 39.9 32.5 48.7



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: 4.889 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

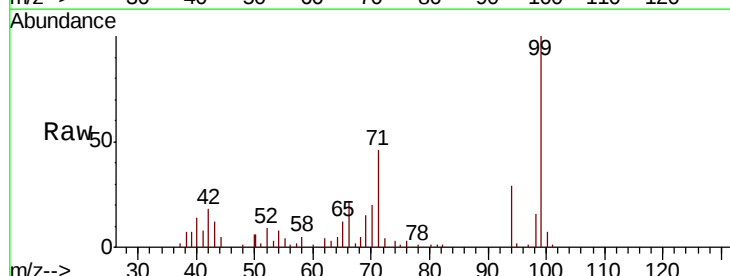
Tgt Ion: 94 Resp: 10170

Ion Ratio Lower Upper

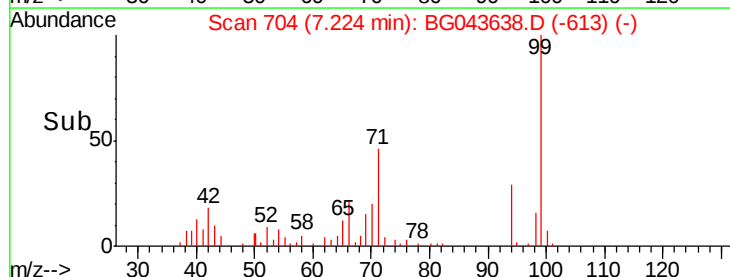
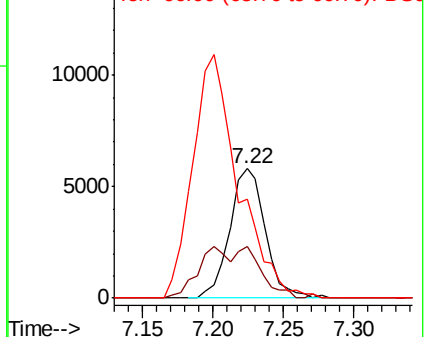
94 100

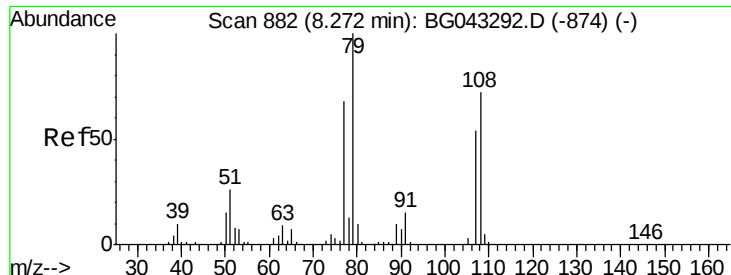
65 39.7 12.6 52.6

66 76.8 30.7 70.7#



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





#15

Benzyl Alcohol

Concen: 2.216 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.06 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

Instrument :

BNA_G

ClientSampled :

8-(8-10)

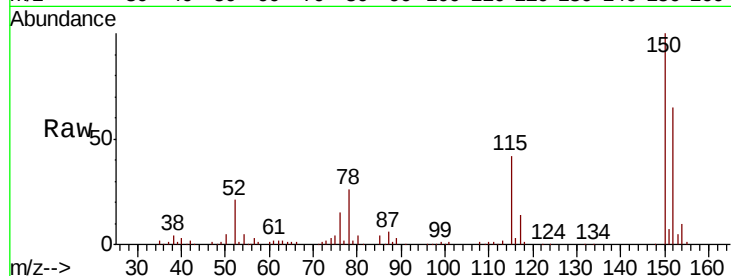
Tot Ion: 79 Resp: 3543

Ion Ratio Lower Upper

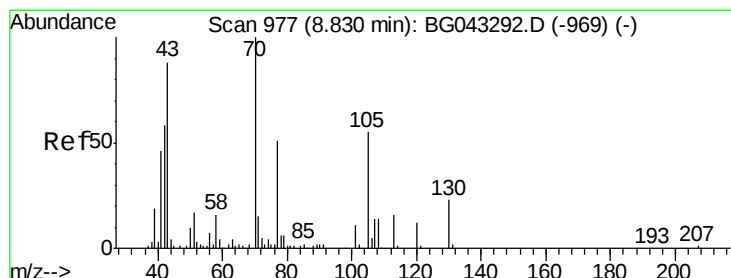
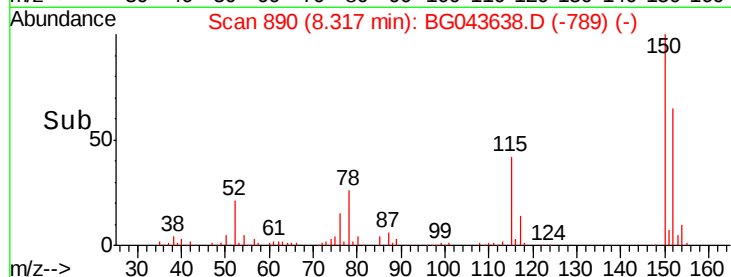
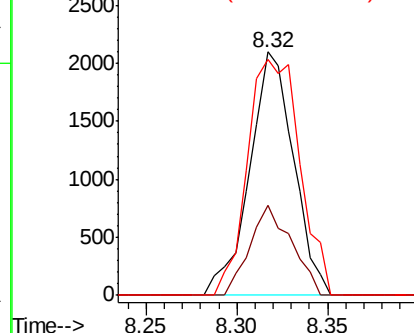
79 100

108 37.2 53.6 80.4#

77 96.9 49.6 74.4#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 20.029 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

Tgt Ion: 70 Resp: 29464

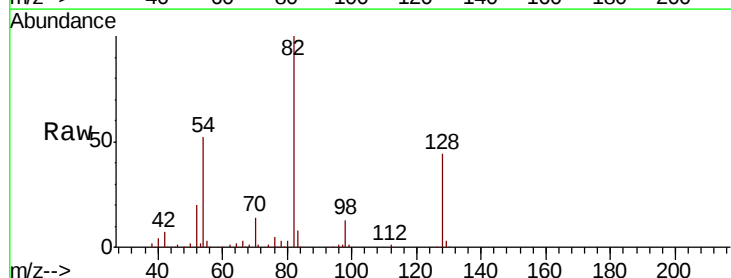
Ion Ratio Lower Upper

70 100

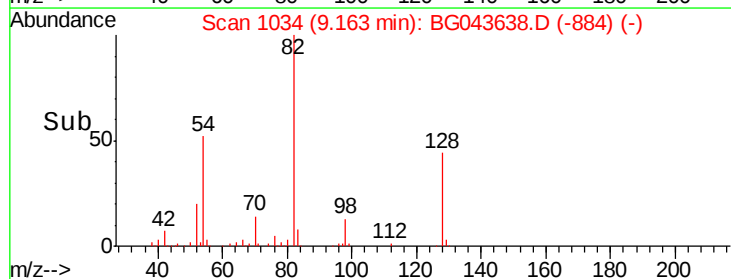
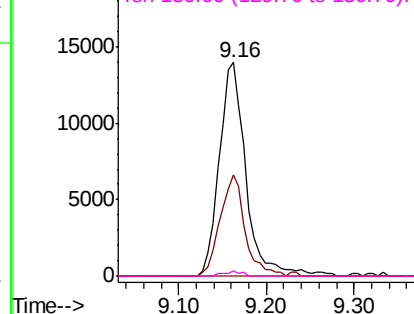
42 47.2 41.4 62.2

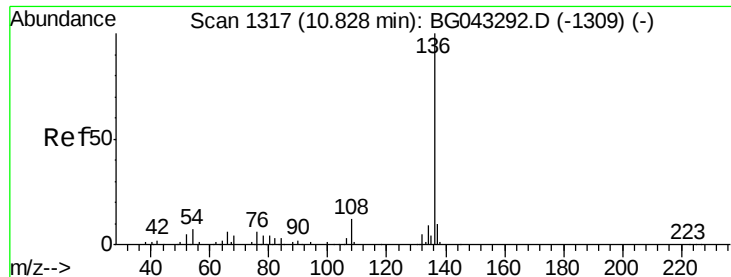
101 0.0 7.9 11.9#

130 2.4 19.0 28.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

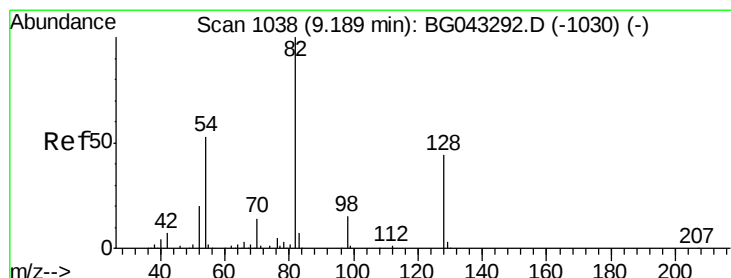
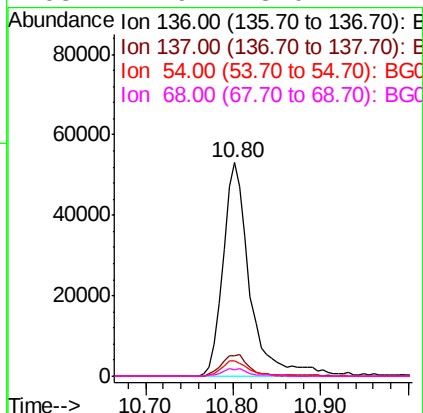
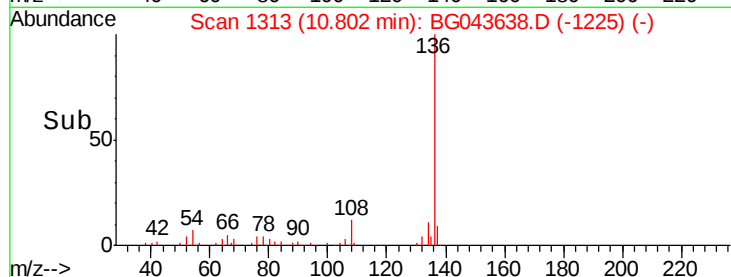
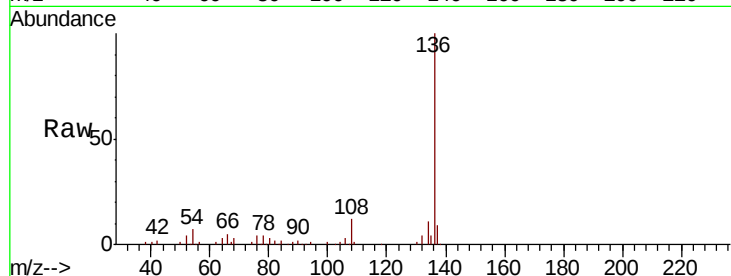




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043638.D
Acq: 14 Nov 2019 17:52

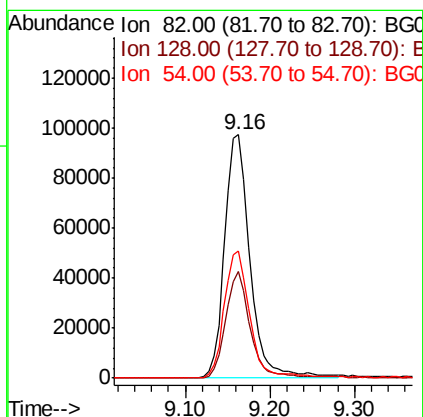
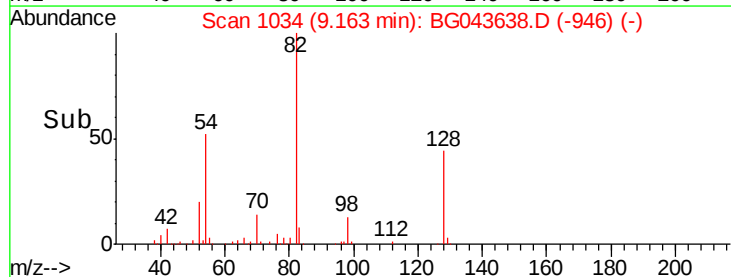
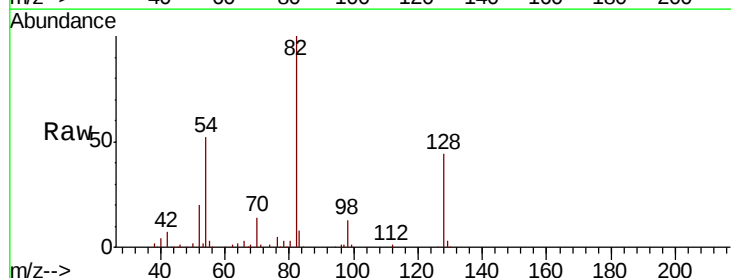
Instrument :
BNA_G
ClientSampleId :
8-(8-10)

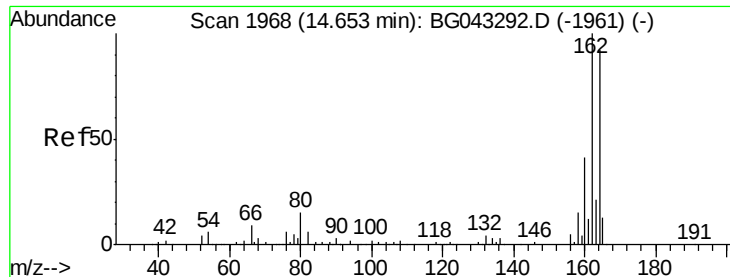
Tot Ion:136	Resp:	111970
Ion	Ratio	Lower Upper
136	100	
137	9.5	8.7 13.1
54	7.1	5.4 8.2
68	2.9	3.0 4.4#



#23
Nitrobenzene-d5
Concen: 93.021 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043638.D
Acq: 14 Nov 2019 17:52

Tgt Ion: 82	Resp:	202030
Ion	Ratio	Lower Upper
82	100	
128	44.0	35.0 52.6
54	52.4	40.2 60.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

Instrument :

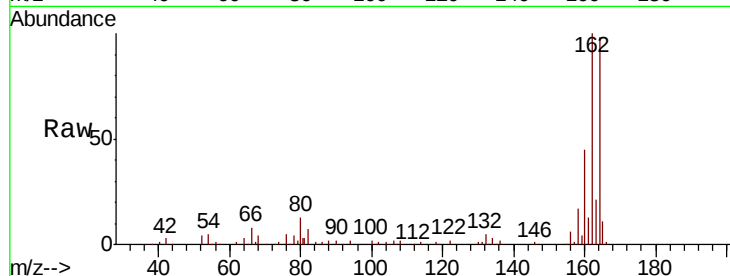
BNA_G

ClientSampleId :

8-(8-10)

Tot Ion:164 Resp: 84688

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.5	125.3
160	46.6	36.5	54.7



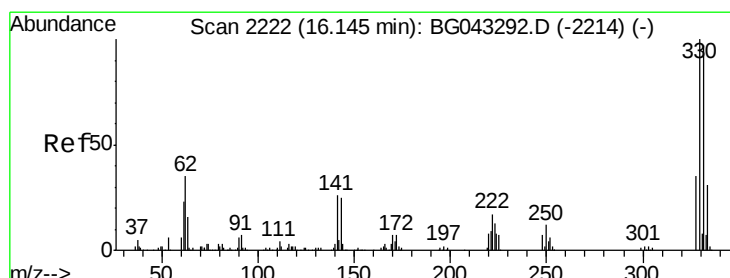
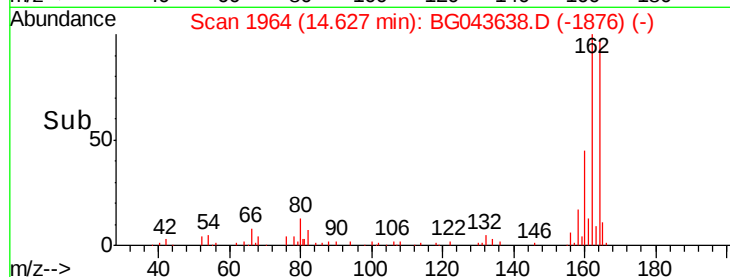
Abundance

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

Time-->



#42

2,4,6-Tribromophenol

Concen: 119.680 ng

RT: 16.12 min Scan# 2218

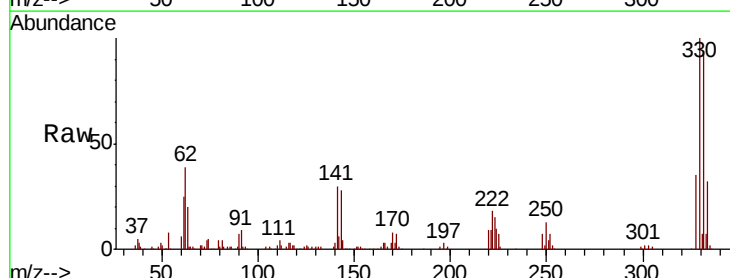
Delta R.T. -0.01 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

Tgt Ion:330 Resp: 192878

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.0
141	29.2	22.8	34.2



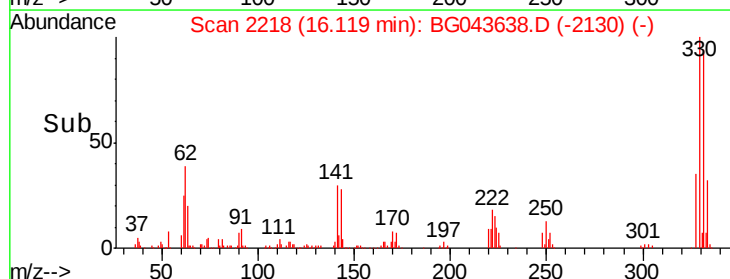
Abundance

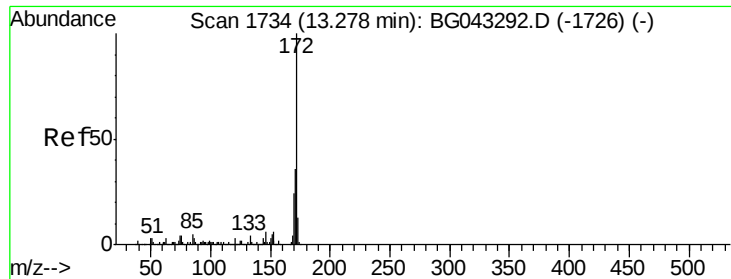
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#45

2-Fluorobiphenyl

Concen: 85.152 ng

RT: 13.25 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

Instrument :

BNA_G

ClientSampleId :

8-(8-10)

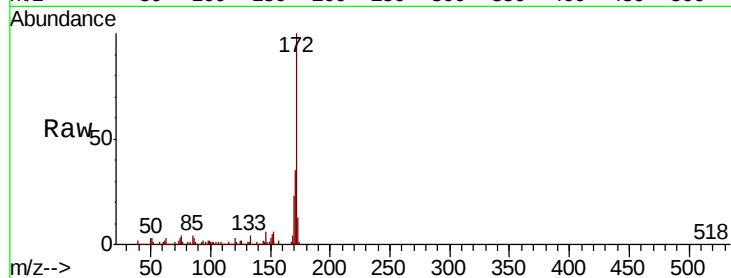
Tot Ion:172 Resp: 521879

Ion Ratio Lower Upper

172 100

171 34.5 28.9 43.3

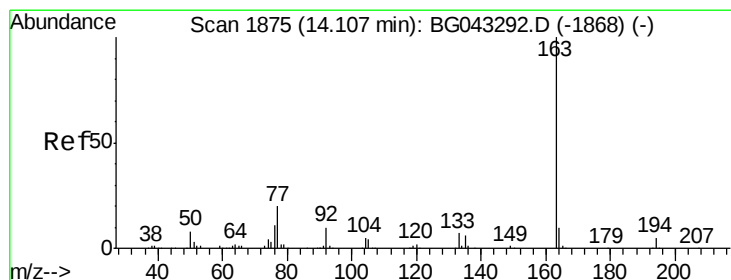
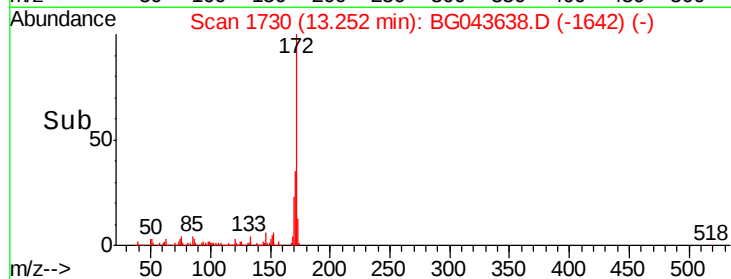
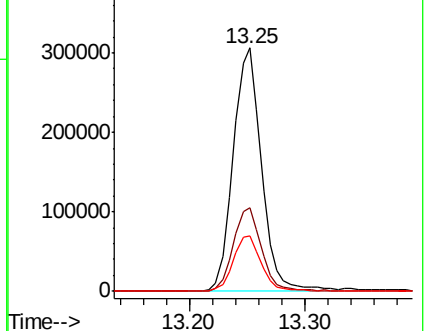
170 22.8 18.5 27.7



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: 13.010 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

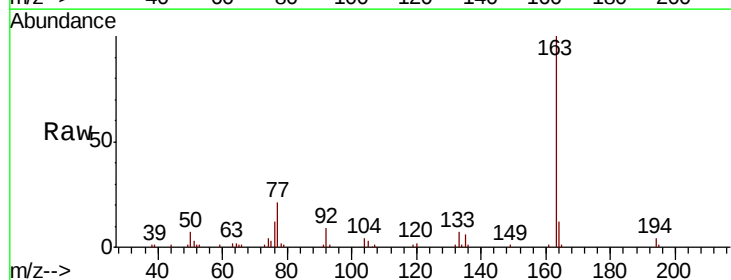
Tgt Ion:163 Resp: 85342

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

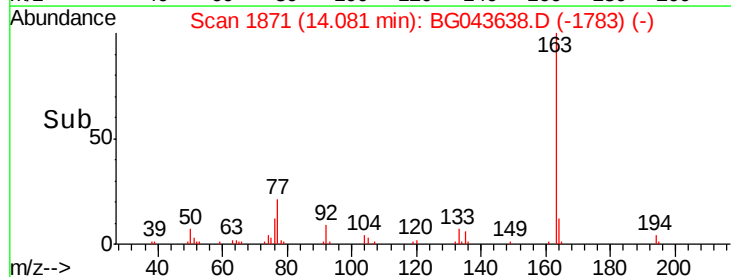
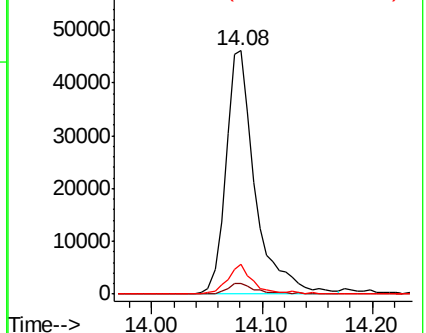
164 12.0 8.9 13.3

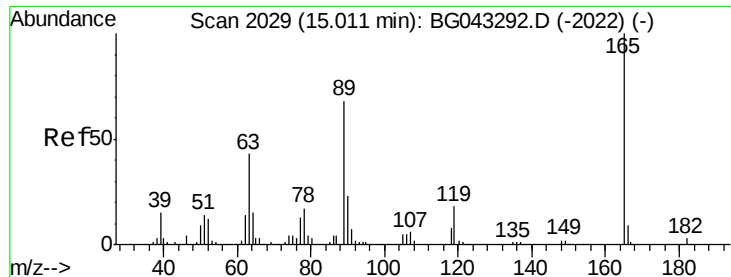


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

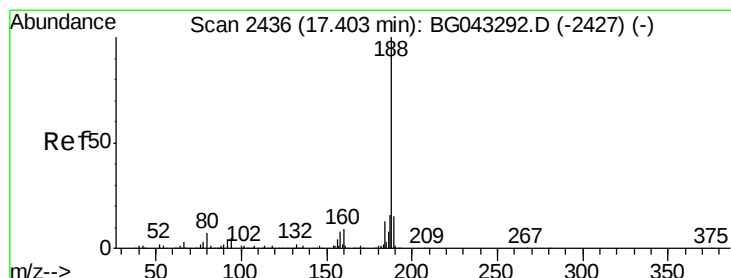
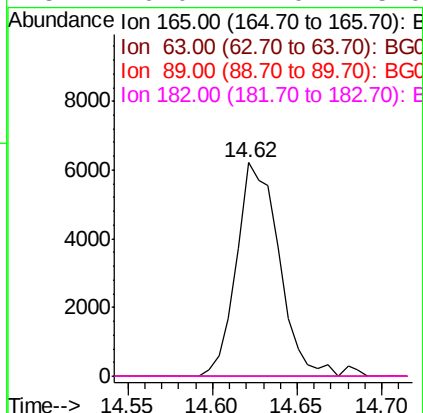
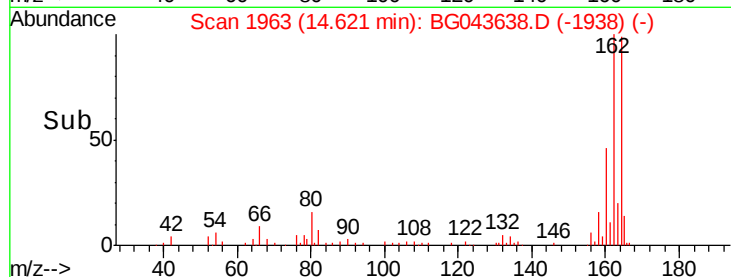
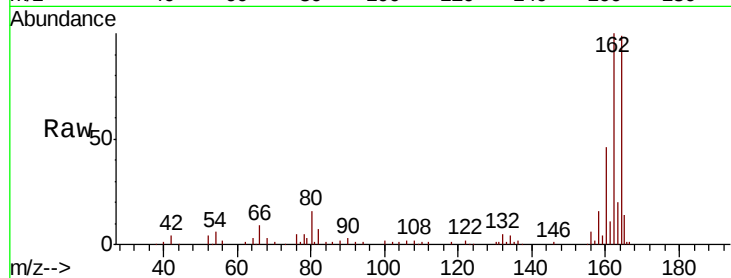




#57
 2,4-Dinitrotoluene
 Concen: 5.331 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043638.D
 Acq: 14 Nov 2019 17:52

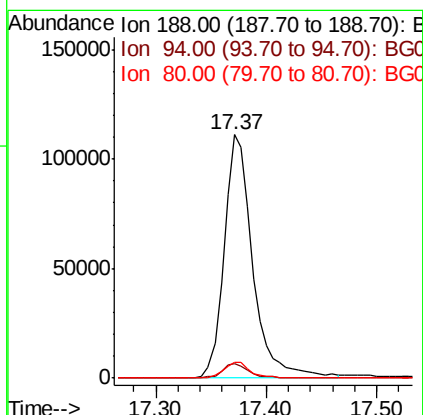
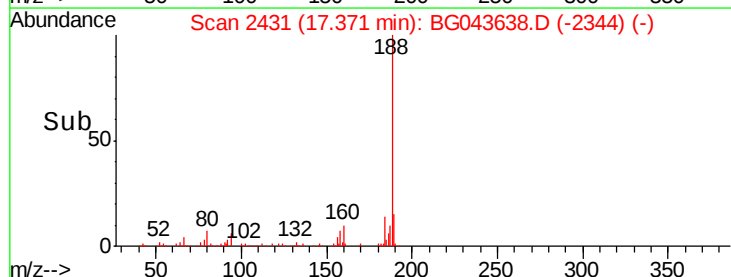
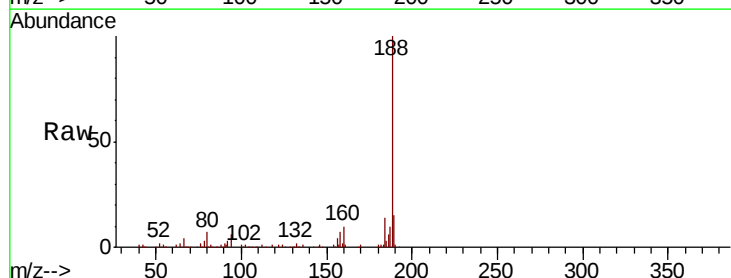
Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)

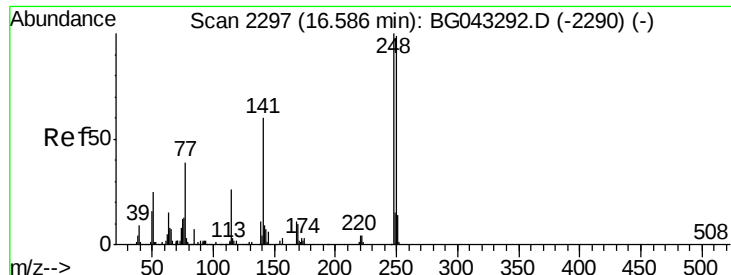
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG043638.D
 Acq: 14 Nov 2019 17:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.2	6.4
80	6.5	4.5	6.7

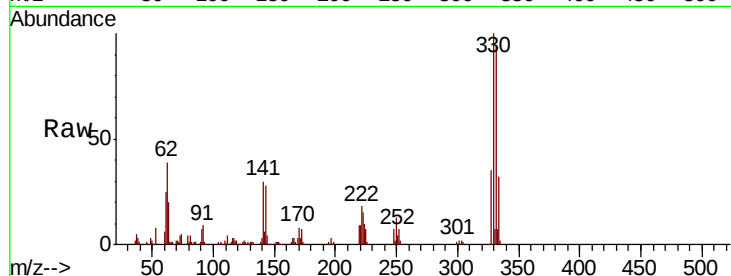




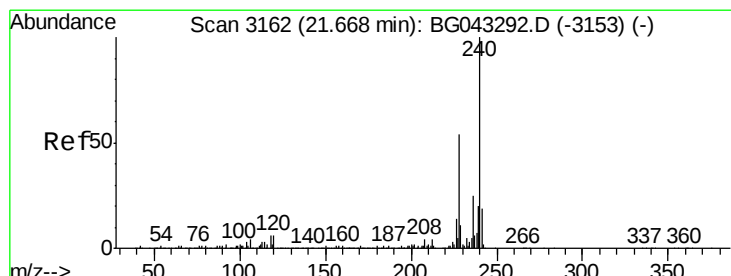
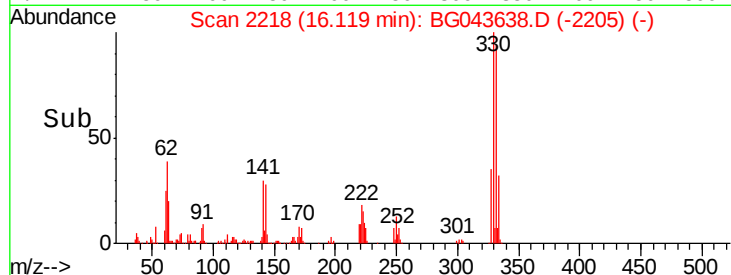
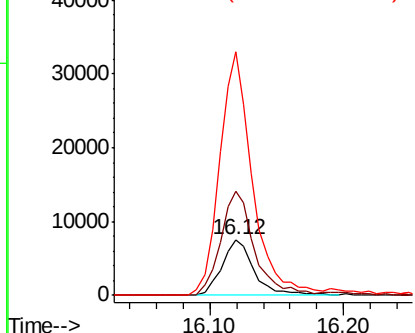
#67
4-Bromophenyl-phenylether
Concen: 4.697 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.45 min
Lab File: BG043638.D
Acq: 14 Nov 2019 17:52

Instrument :
BNA_G
ClientSampleId :
8-(8-10)

Tot Ion:248 Resp: 12749
Ion Ratio Lower Upper
248 100
250 186.9 77.0 115.4#
141 435.8 47.5 71.3#

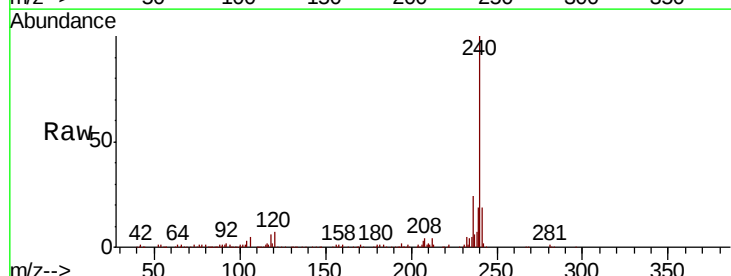


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

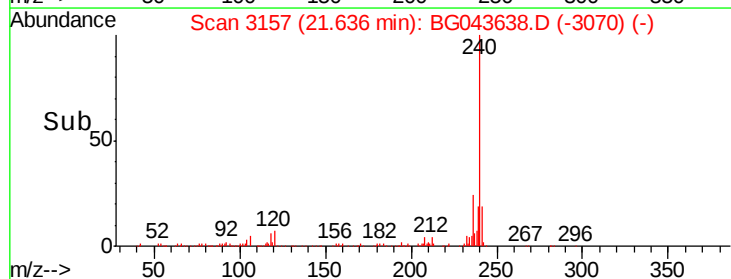
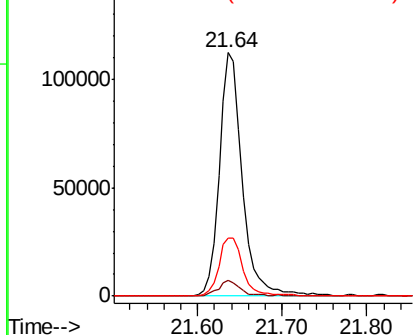


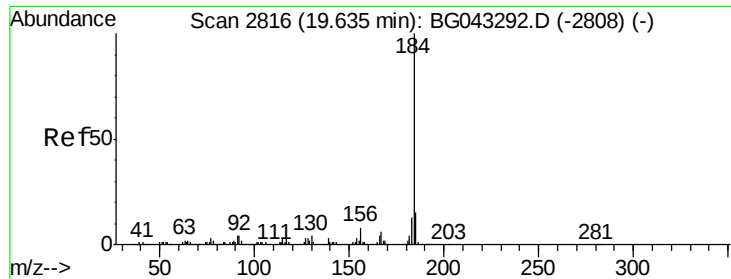
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.02 min
Lab File: BG043638.D
Acq: 14 Nov 2019 17:52

Tgt Ion:240 Resp: 211943
Ion Ratio Lower Upper
240 100
120 6.6 4.6 6.8
236 23.6 19.8 29.8



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





#77

Benzidine

Concen: 3.377 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.36 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

Instrument :

BNA_G

ClientSampleId :

8-(8-10)

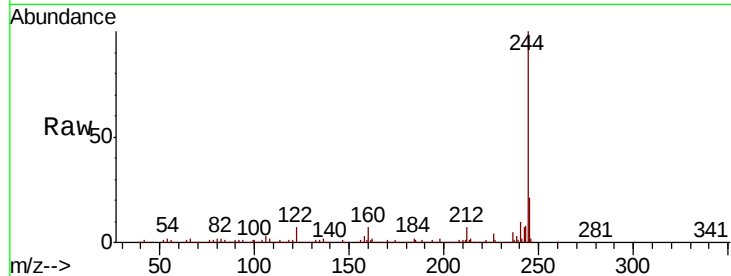
Tot Ion:184 Resp: 14404

Ion Ratio Lower Upper

184 100

185 68.3 11.0 16.4#

183 6.9 10.0 15.0#

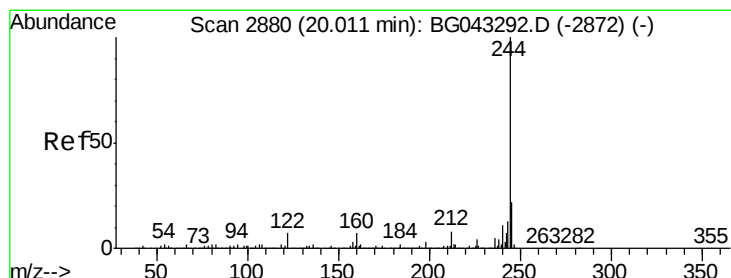
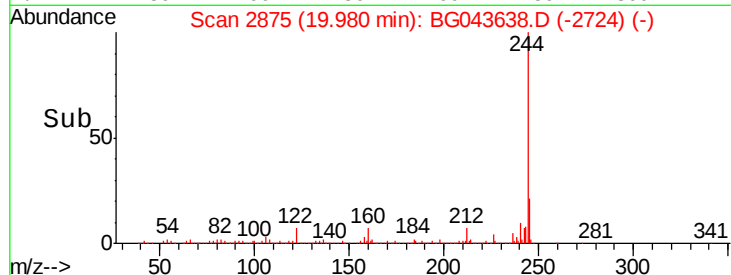
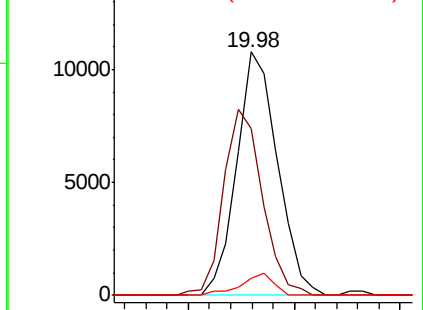


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 86.538 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043638.D

Acq: 14 Nov 2019 17:52

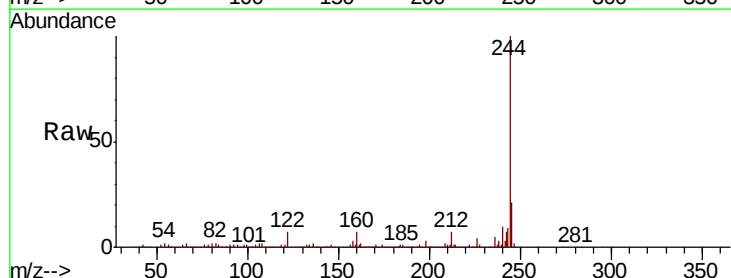
Tgt Ion:244 Resp: 977640

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 6.6 5.4 8.2

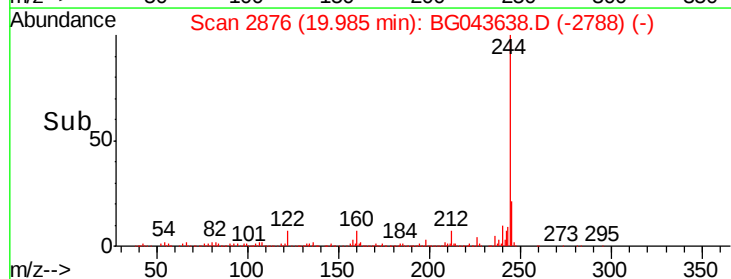
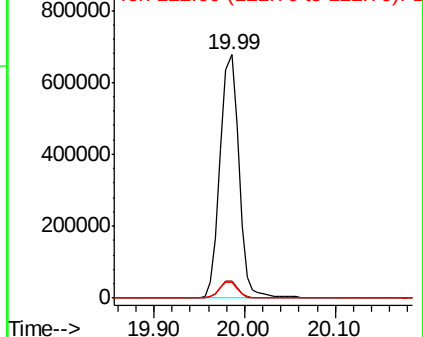


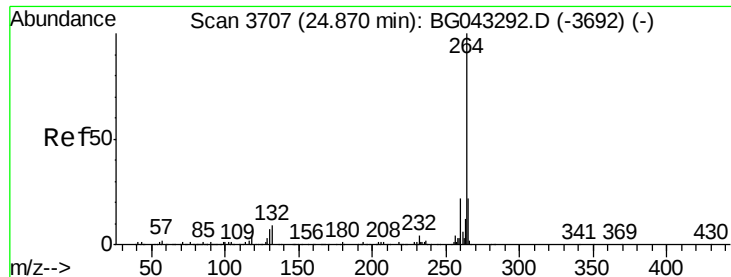
Abundance

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

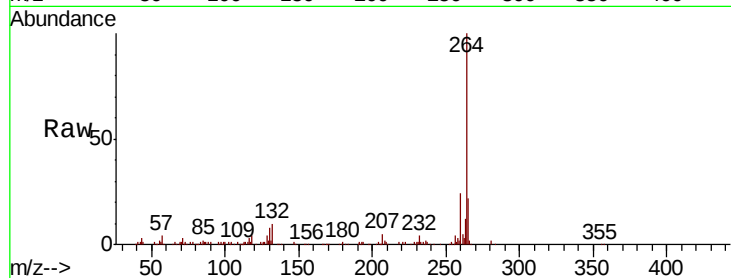




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3699
 Delta R.T. -0.03 min
 Lab File: BG043638.D
 Acq: 14 Nov 2019 17:52

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.5	26.3
265	21.9	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

