

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043682.D
 Acq On : 18 Nov 2019 20:52
 Operator : JU
 Sample : K5904-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 01:41:11 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

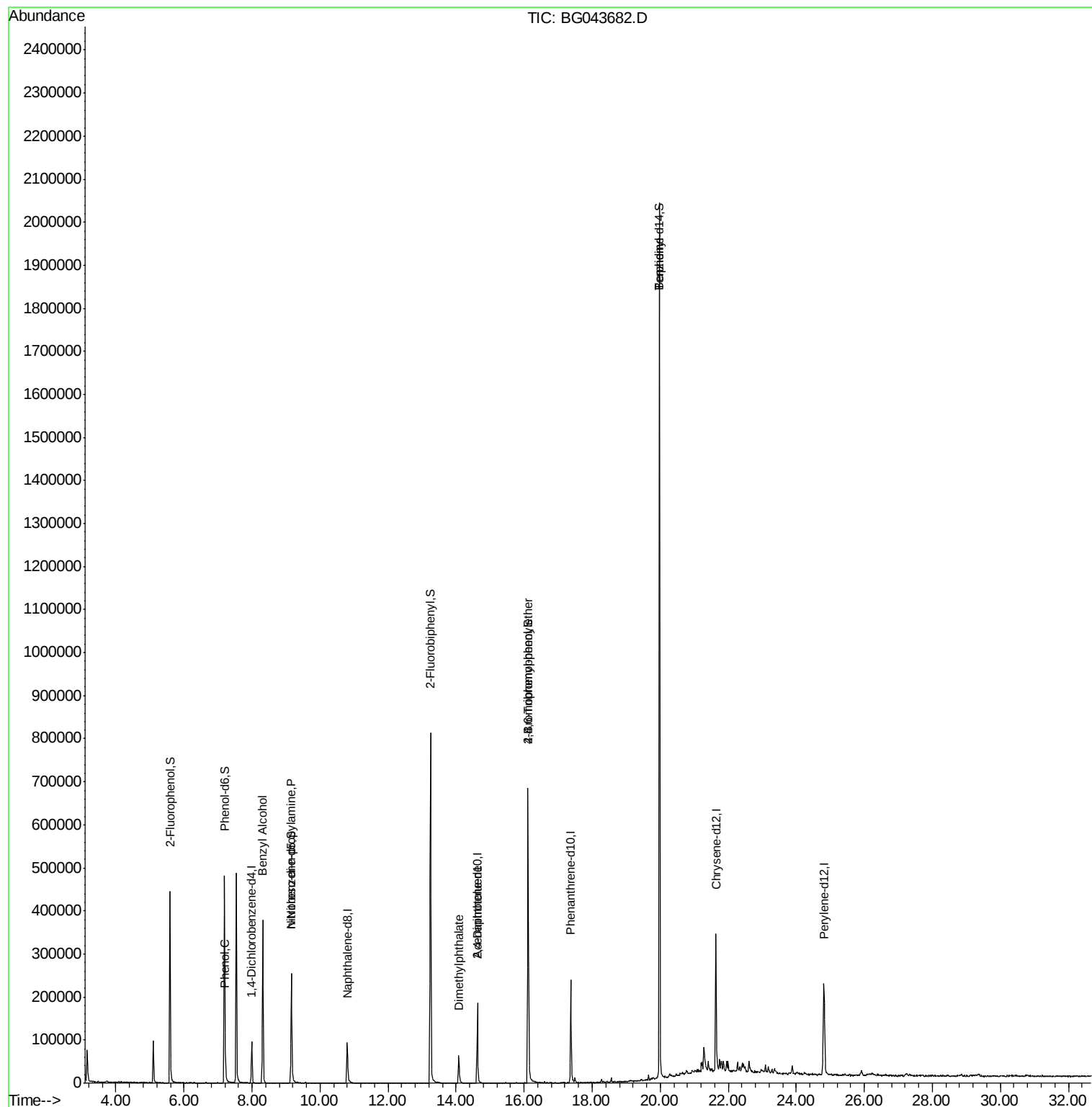
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27733	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	99557	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	74974	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	186816	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	208596	20.00	ng	-0.02
87) Perylene-d12	24.81	264	246889	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	213106	140.81	ng	0.00
7) Phenol-d6	7.19	99	297451	136.60	ng	0.00
23) Nitrobenzene-d5	9.16	82	170822	88.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	185090	129.73	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	491436	90.57	ng	-0.02
79) Terphenyl-d14	19.98	244	1007721	90.63	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	13161	6.614	ng	88
15) Benzyl Alcohol	8.31	79	3495	2.285	ng	# 59
19) n-Nitroso-di-n-propylamine	9.16	70	24395	17.338	ng	# 83
50) Dimethylphthalate	14.08	163	62664	10.791	ng	# 96
57) 2,4-Dinitrotoluene	14.62	165	10355	5.743	ng	# 28
67) 4-Bromophenyl-phenylether	16.11	248	11676	4.644	ng	# 1
77) Benzidine	19.98	184	14284	3.403	ng	# 1

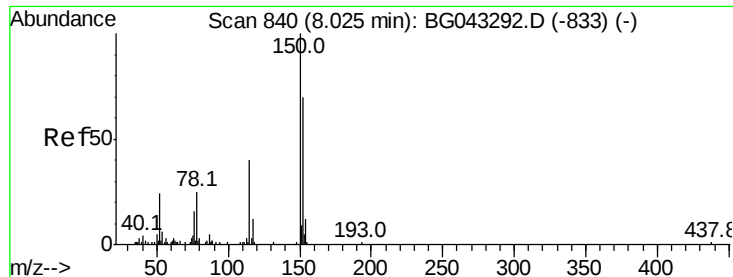
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



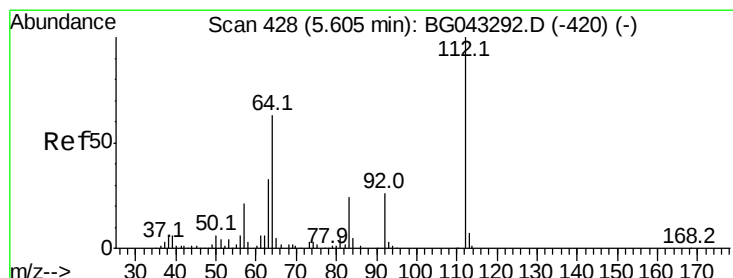
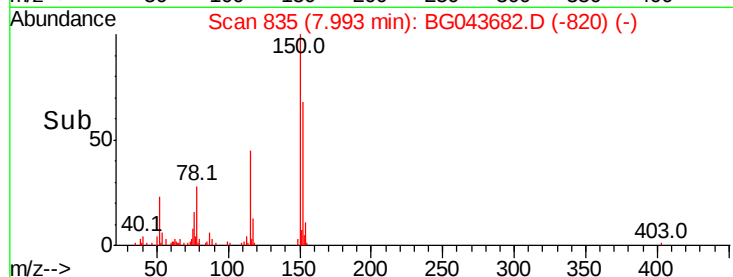
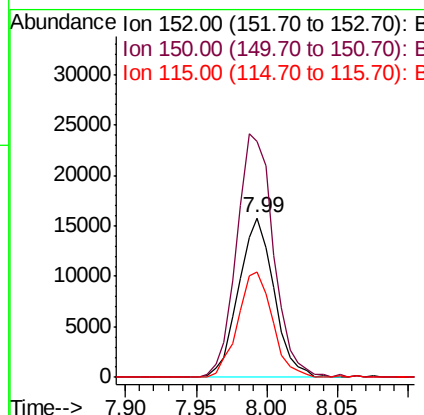
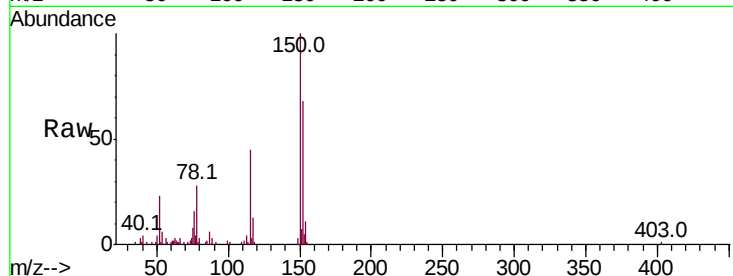


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043682.D
Acq: 18 Nov 2019 20:52

Instrument :
BNA_G
ClientSampleId :

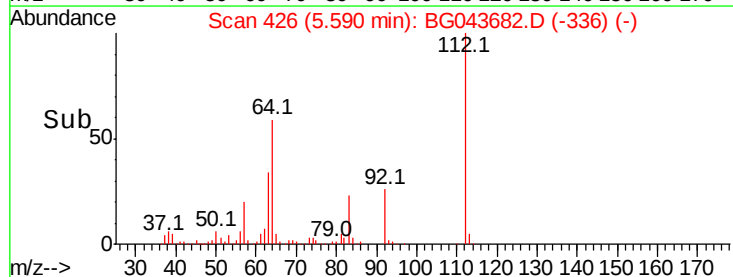
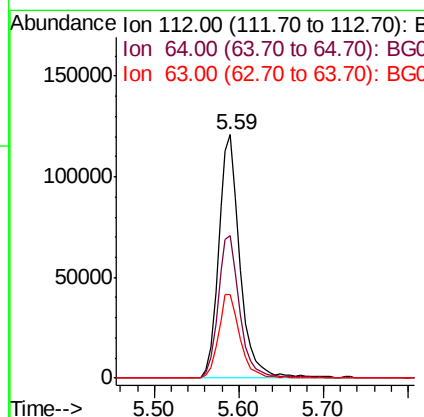
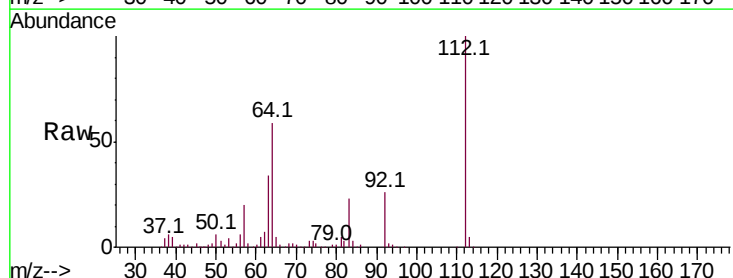
Tot Ion:152 Resp: 27733
Ion Ratio Lower Upper
152 100
150 148.0 129.4 194.0
115 66.2 48.8 73.2

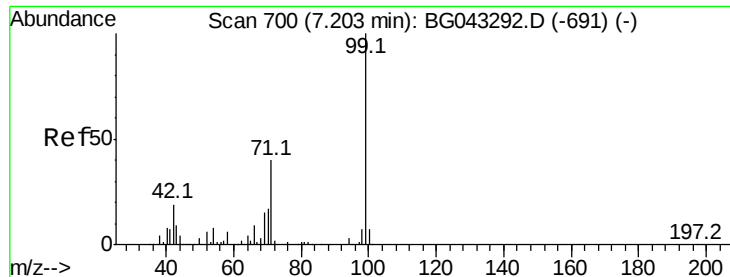


#5

2-Fluorophenol
Concen: 140.809 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG043682.D
Acq: 18 Nov 2019 20:52

Tgt Ion:112 Resp: 213106
Ion Ratio Lower Upper
112 100
64 58.6 50.0 75.0
63 34.3 26.6 40.0





#7

Phenol-d6

Concen: 136.603 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

Instrument :

BNA_G

ClientSampleId :

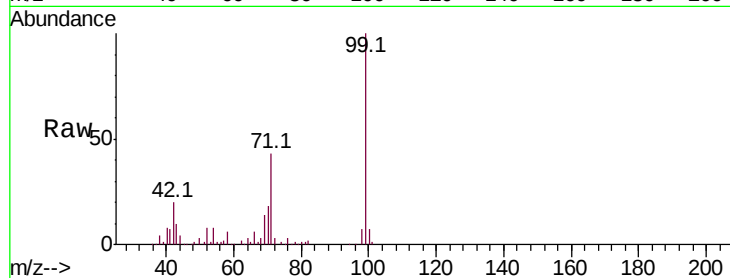
Tot Ion: 99 Resp: 297451

Ion Ratio Lower Upper

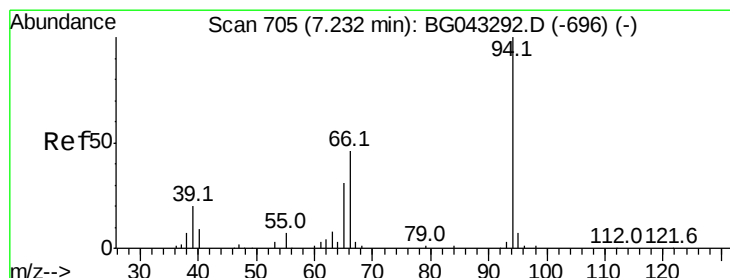
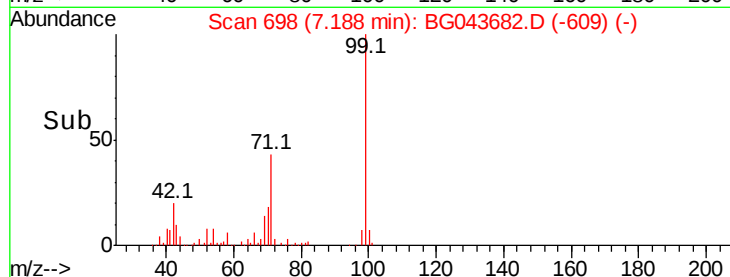
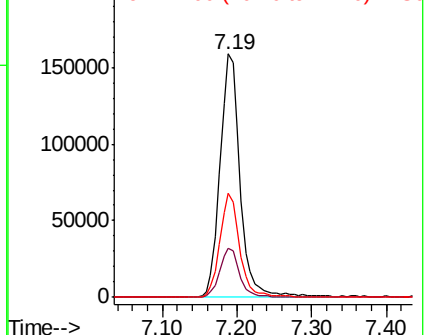
99 100

42 20.3 14.6 21.8

71 42.8 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: 6.614 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

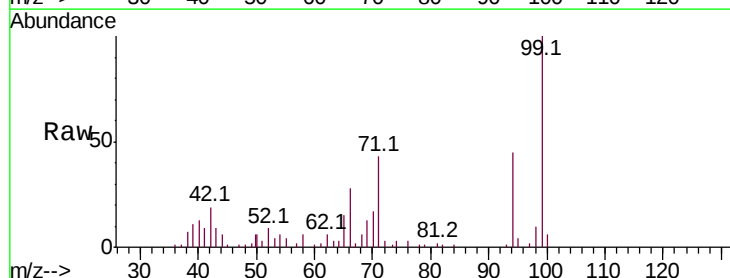
Tgt Ion: 94 Resp: 13161

Ion Ratio Lower Upper

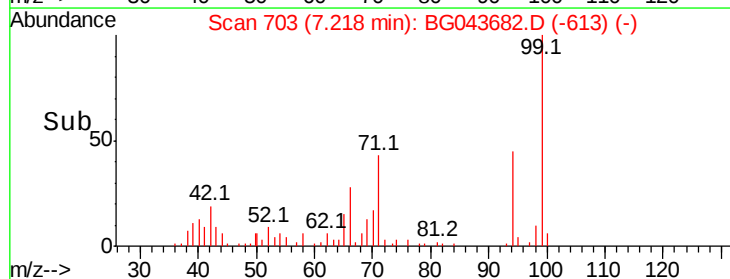
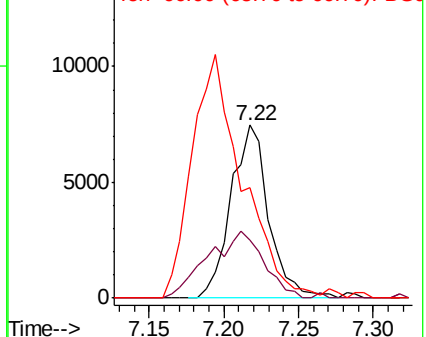
94 100

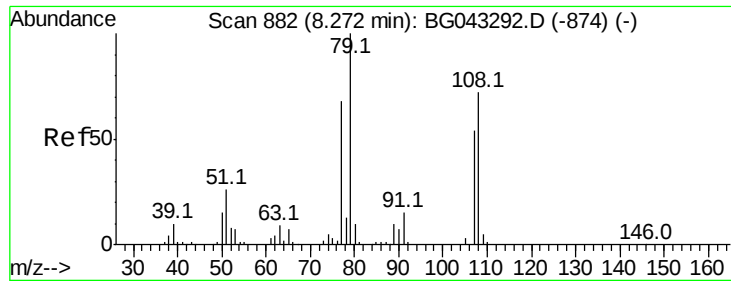
65 33.6 12.6 52.6

66 63.5 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: 2.285 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.06 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

Instrument :

BNA_G

ClientSampled :

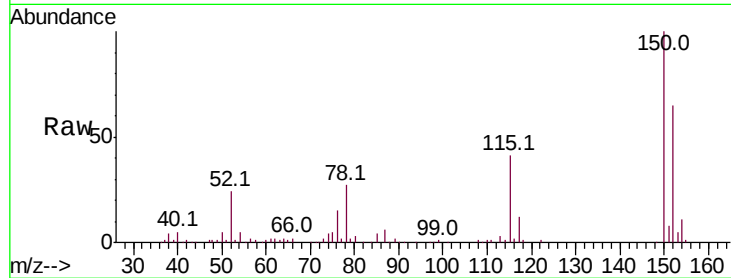
Tot Ion: 79 Resp: 3495

Ion Ratio Lower Upper

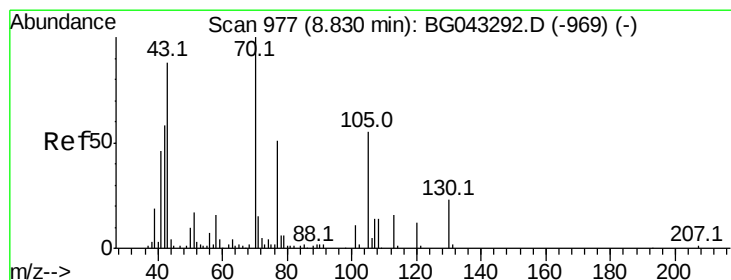
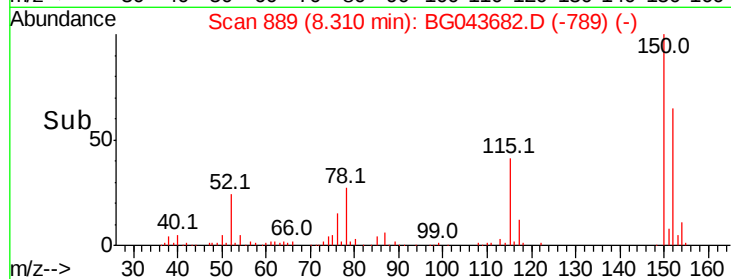
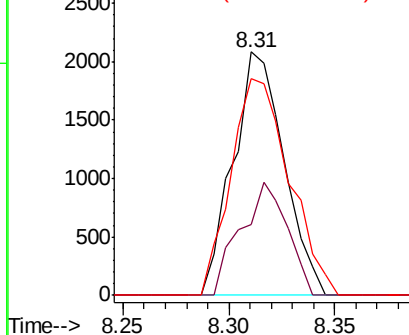
79 100

108 29.3 53.6 80.4#

77 88.8 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: 17.338 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.34 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

Tgt Ion: 70 Resp: 24395

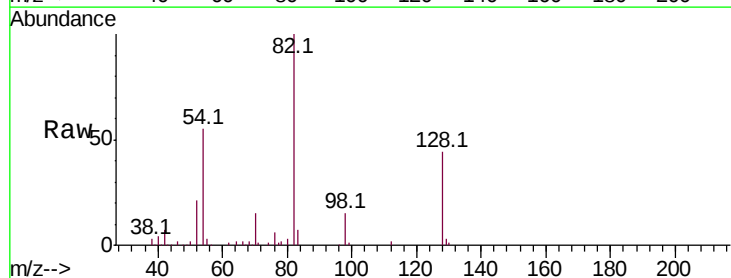
Ion Ratio Lower Upper

70 100

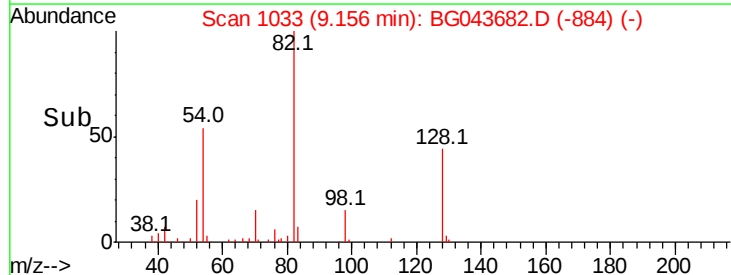
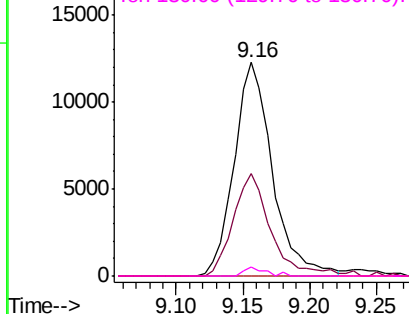
42 48.0 41.4 62.2

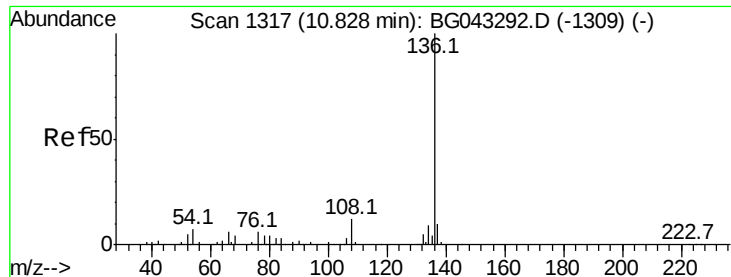
101 0.0 7.9 11.9#

130 4.5 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

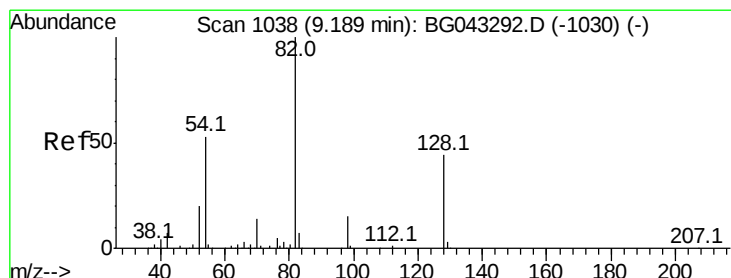
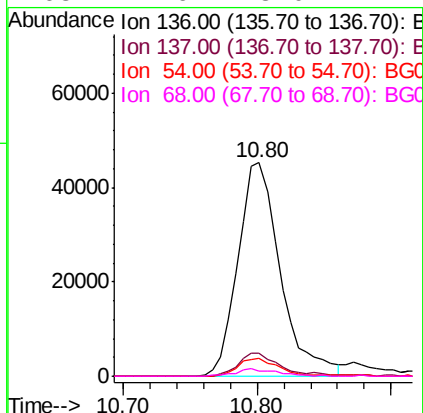
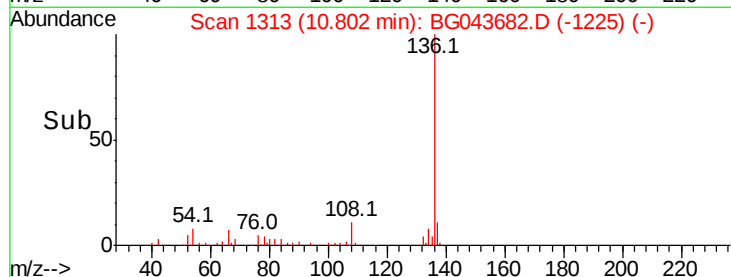
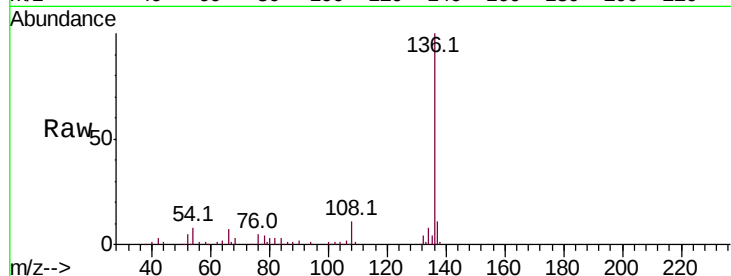




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043682.D
Acq: 18 Nov 2019 20:52

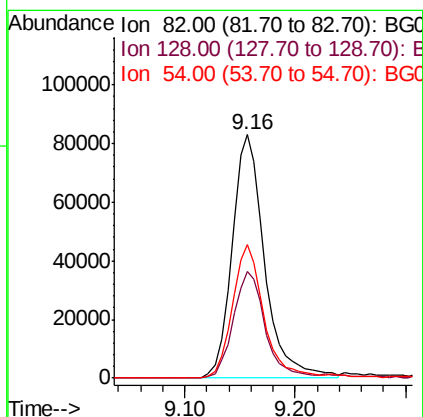
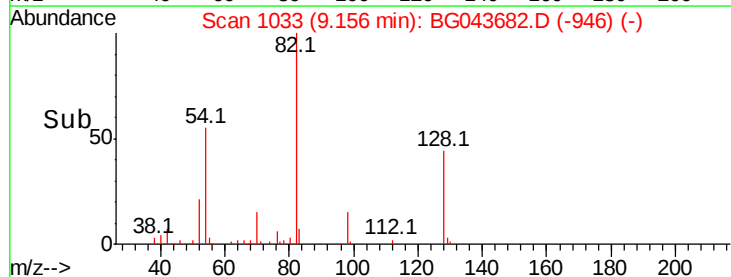
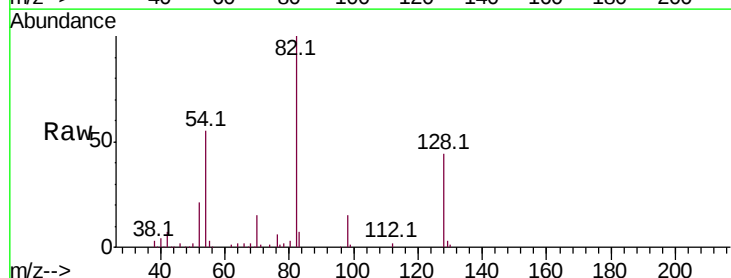
Instrument :
BNA_G
ClientSampleId :

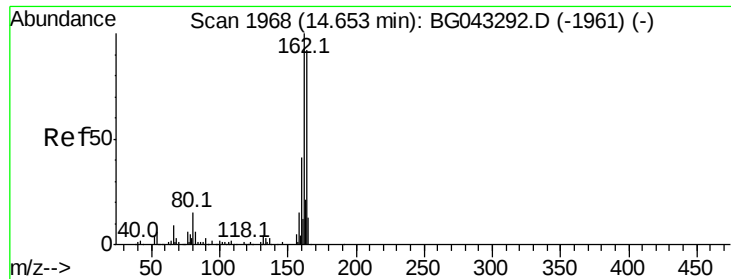
Tot Ion:136	Resp:	99557
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	8.1	5.4 8.2
68	2.6	3.0 4.4



#23
Nitrobenzene-d5
Concen: 88.458 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043682.D
Acq: 18 Nov 2019 20:52

Tgt Ion: 82	Resp:	170822
Ion Ratio	Lower	Upper
82	100	
128	44.1	35.0 52.6
54	54.7	40.2 60.2

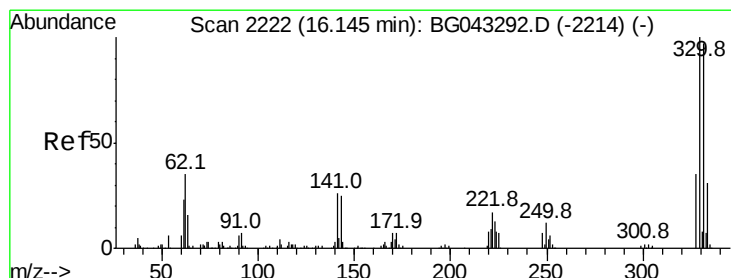
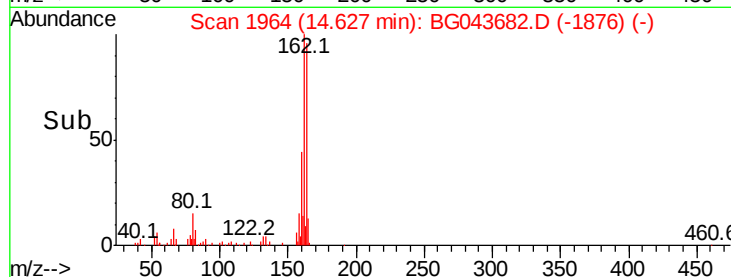
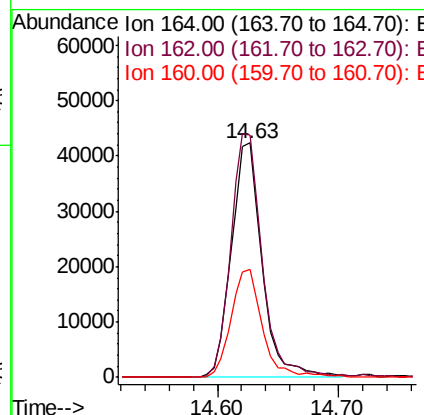
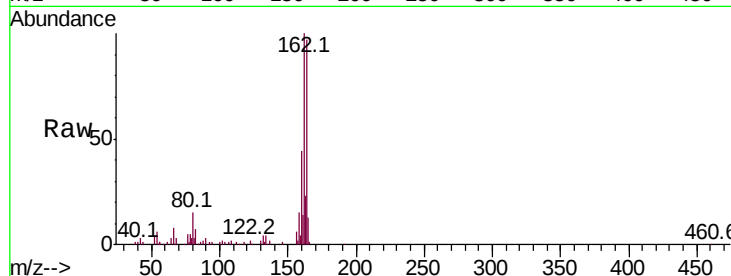




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

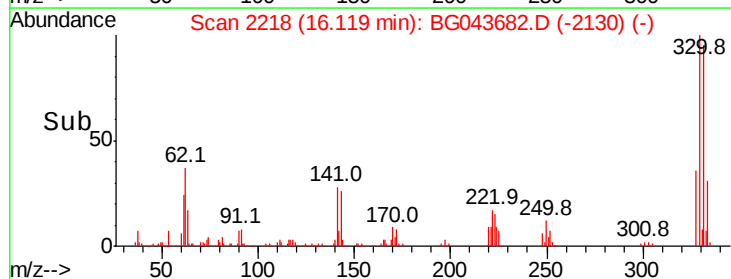
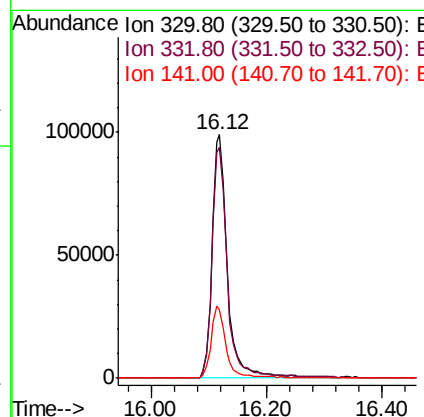
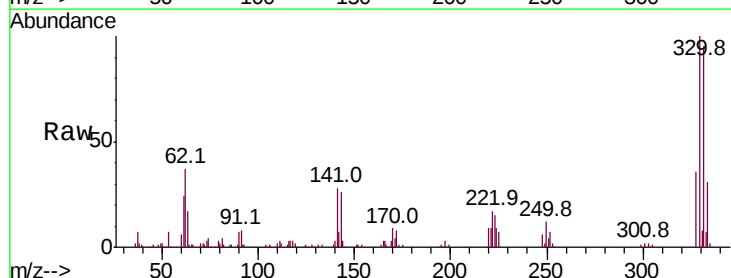
Instrument :
 BNA_G
 ClientSampleId :

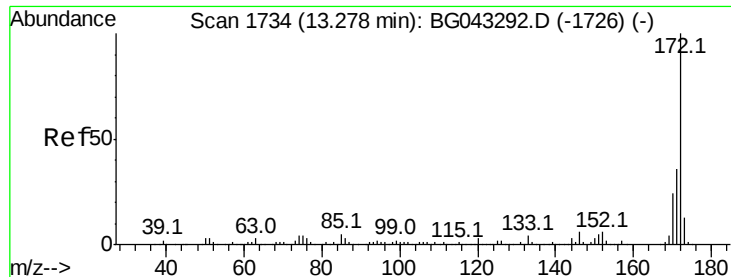
Tot Ion:164 Resp: 74974
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.5 125.3
 160 45.8 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 129.728 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

Tgt Ion:330 Resp: 185090
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.0
 141 28.6 22.8 34.2

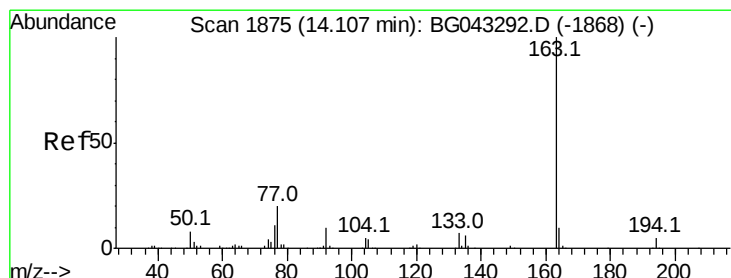
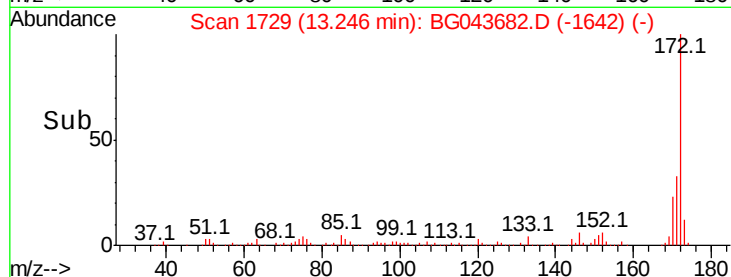
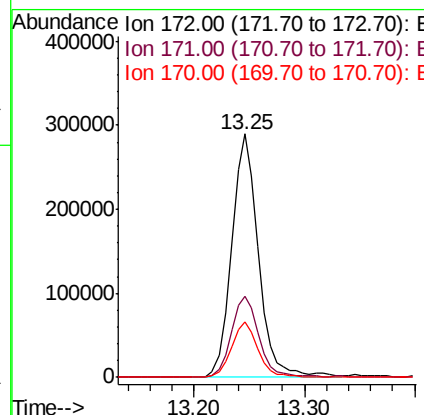
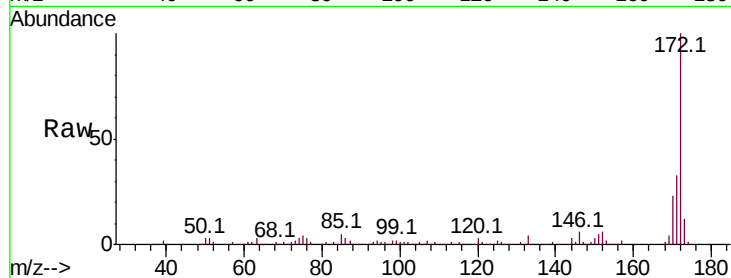




#45
 2-Fluorobiphenyl
 Concen: 90.574 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

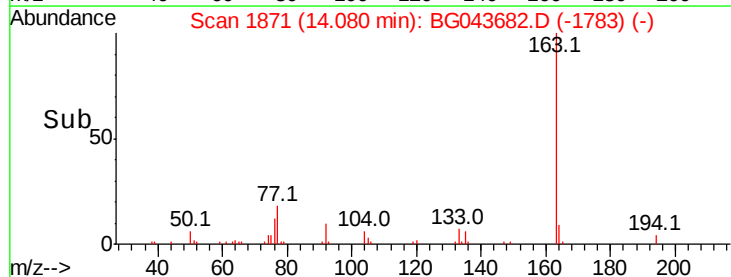
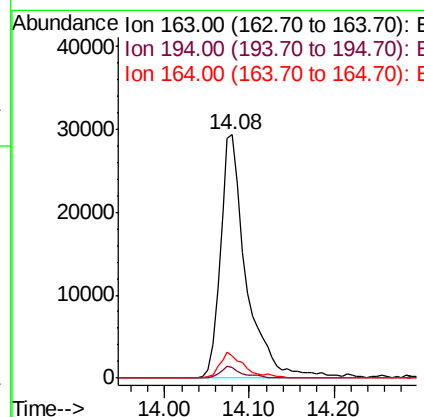
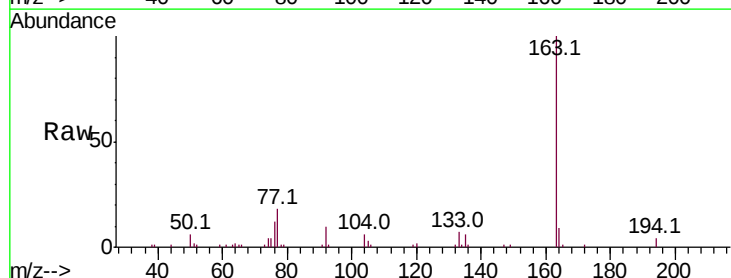
Instrument :
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 ClientSampleId :

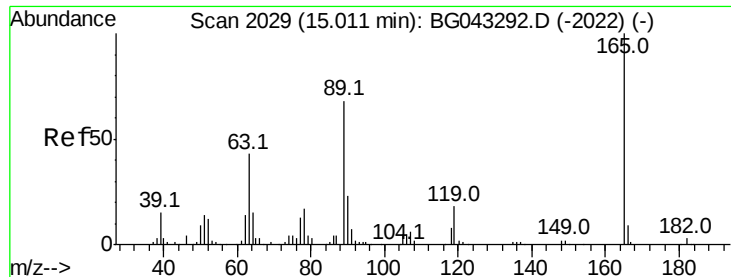
Tot Ion:	172	Resp:	491436
Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.9	43.3
170	22.5	18.5	27.7



#50
 Dimethylphthalate
 Concen: 10.791 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

Tgt Ion:	163	Resp:	62664
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	8.9	8.9	13.3#

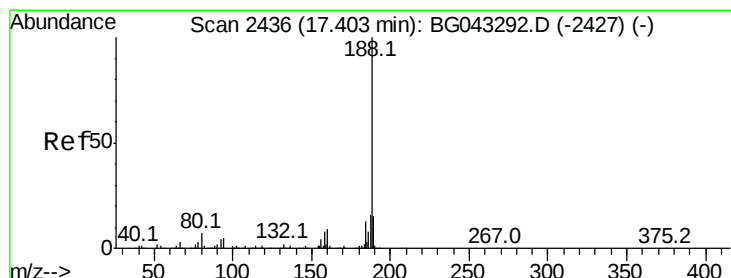
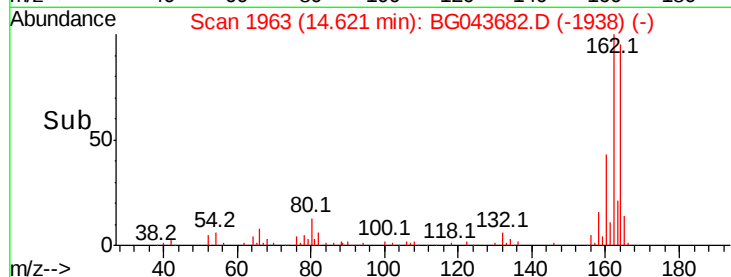
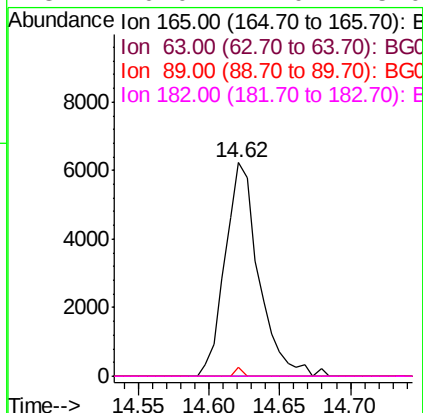
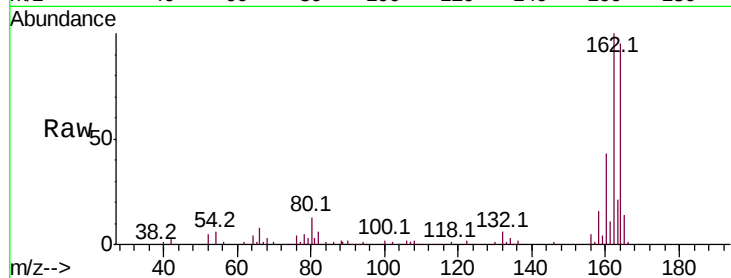




#57
 2,4-Dinitrotoluene
 Concen: 5.743 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

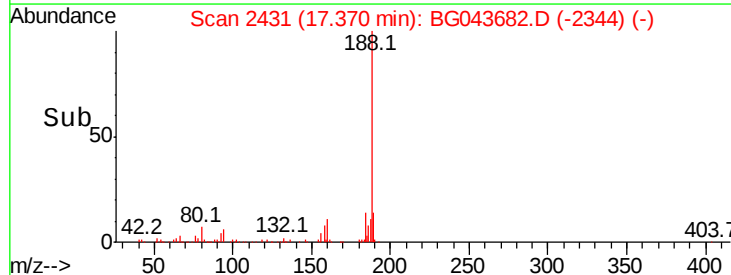
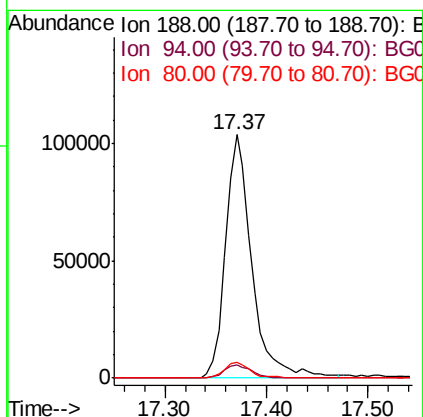
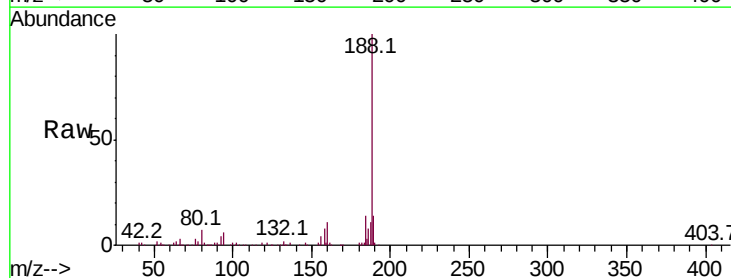
Instrument :
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 ClientSampleId :

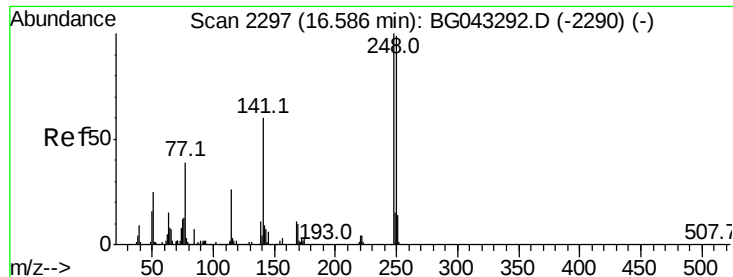
Tot Ion:165	Resp:	10355
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.2 49.8#
89	3.9	52.2 78.4#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

Tgt Ion:188	Resp:	186816
Ion Ratio	Lower	Upper
188	100	
94	5.6	4.2 6.4
80	6.6	4.5 6.7

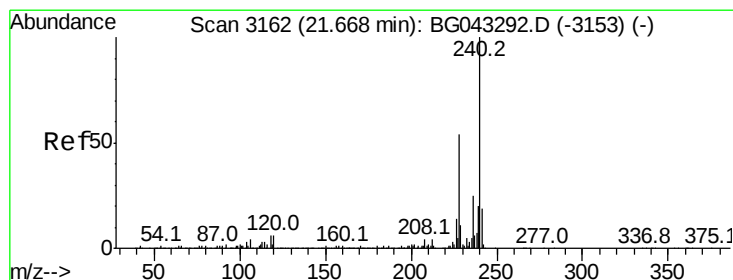
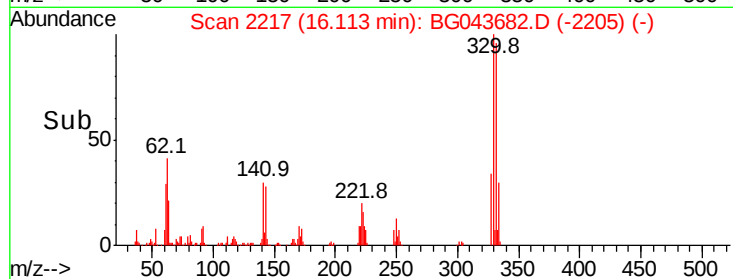
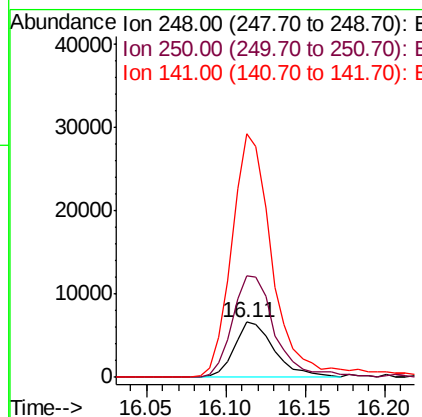
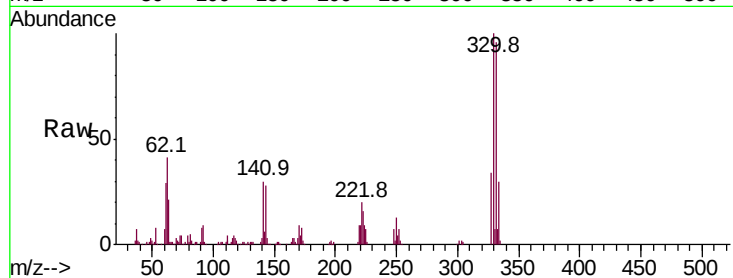




#67
 4-Bromophenyl-phenylether
 Concen: 4.644 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.46 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

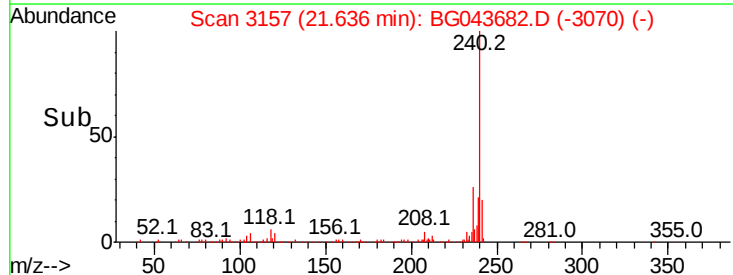
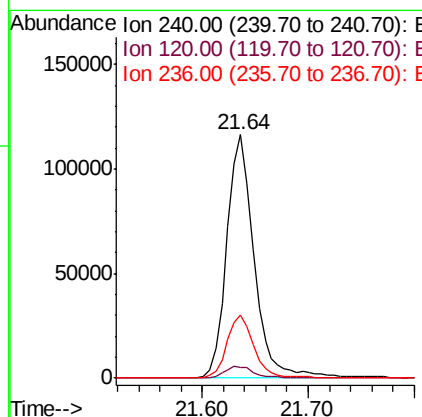
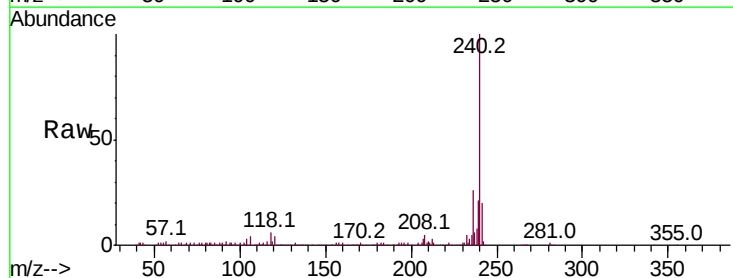
Instrument :
 BNA_G
 ClientSampleId :

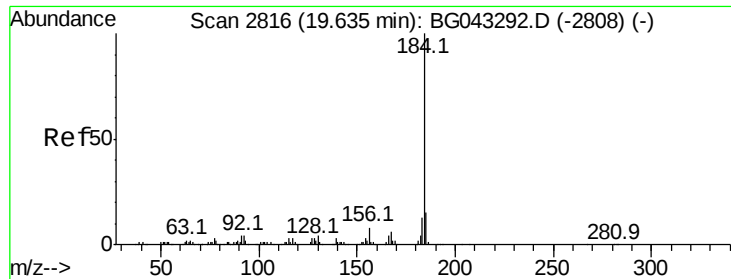
Tot Ion	Ratio	Lower	Upper
248	100		
250	183.5	77.0	115.4#
141	442.5	47.5	71.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.02 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.2	4.6	6.8#
236	26.0	19.8	29.8





#77

Benzidine

Concen: 3.403 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.36 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

Instrument :

BNA_G

ClientSampleId :

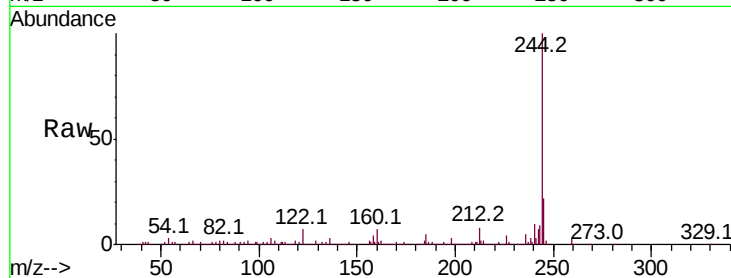
Tot Ion:184 Resp: 14284

Ion Ratio Lower Upper

184 100

185 344.0 11.0 16.4#

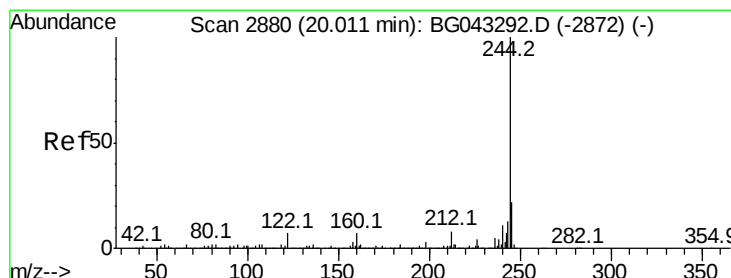
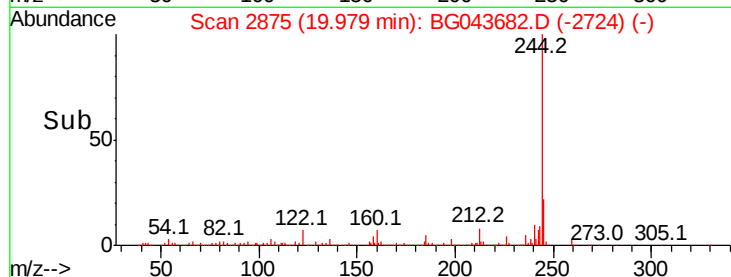
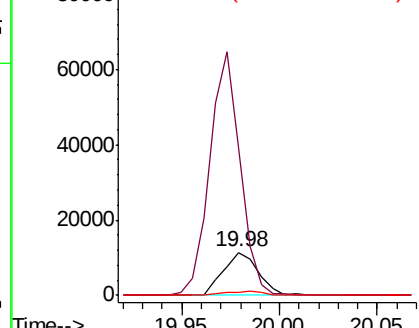
183 6.1 10.0 15.0#



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: 90.632 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043682.D

Acq: 18 Nov 2019 20:52

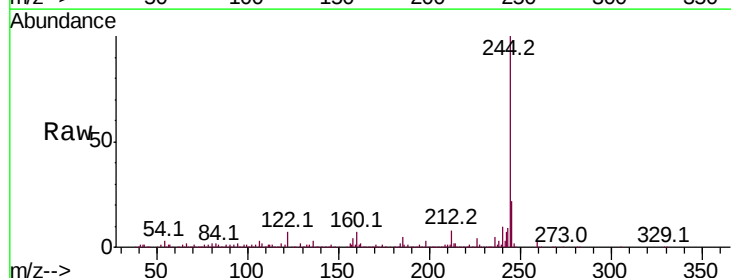
Tgt Ion:244 Resp: 1007721

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

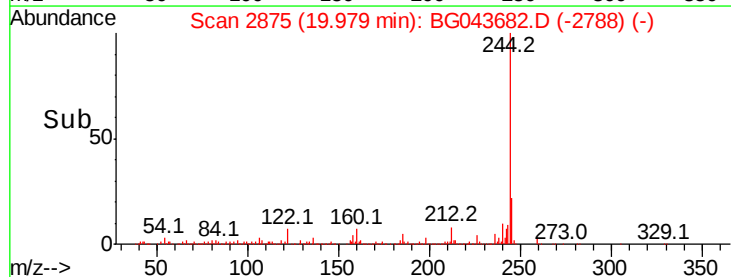
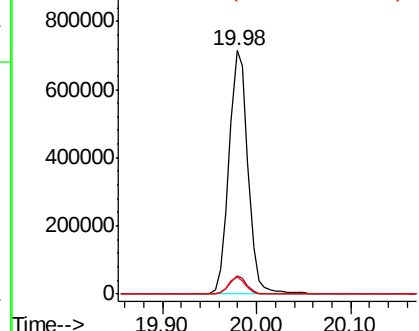
122 7.0 5.4 8.2

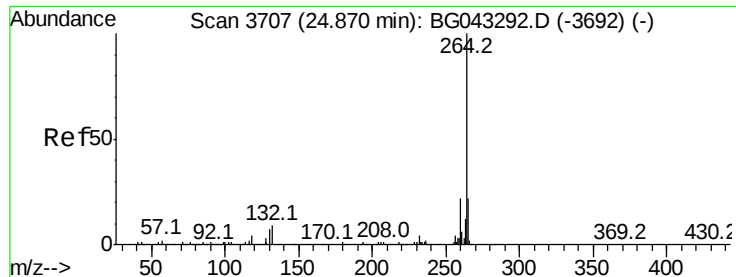


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.81 min Scan# 3698
 Delta R.T. -0.04 min
 Lab File: BG043682.D
 Acq: 18 Nov 2019 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.5	26.3
265	22.4	17.4	26.0

