

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043683.D
 Acq On : 18 Nov 2019 21:32
 Operator : JU
 Sample : K5904-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 01:41:20 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

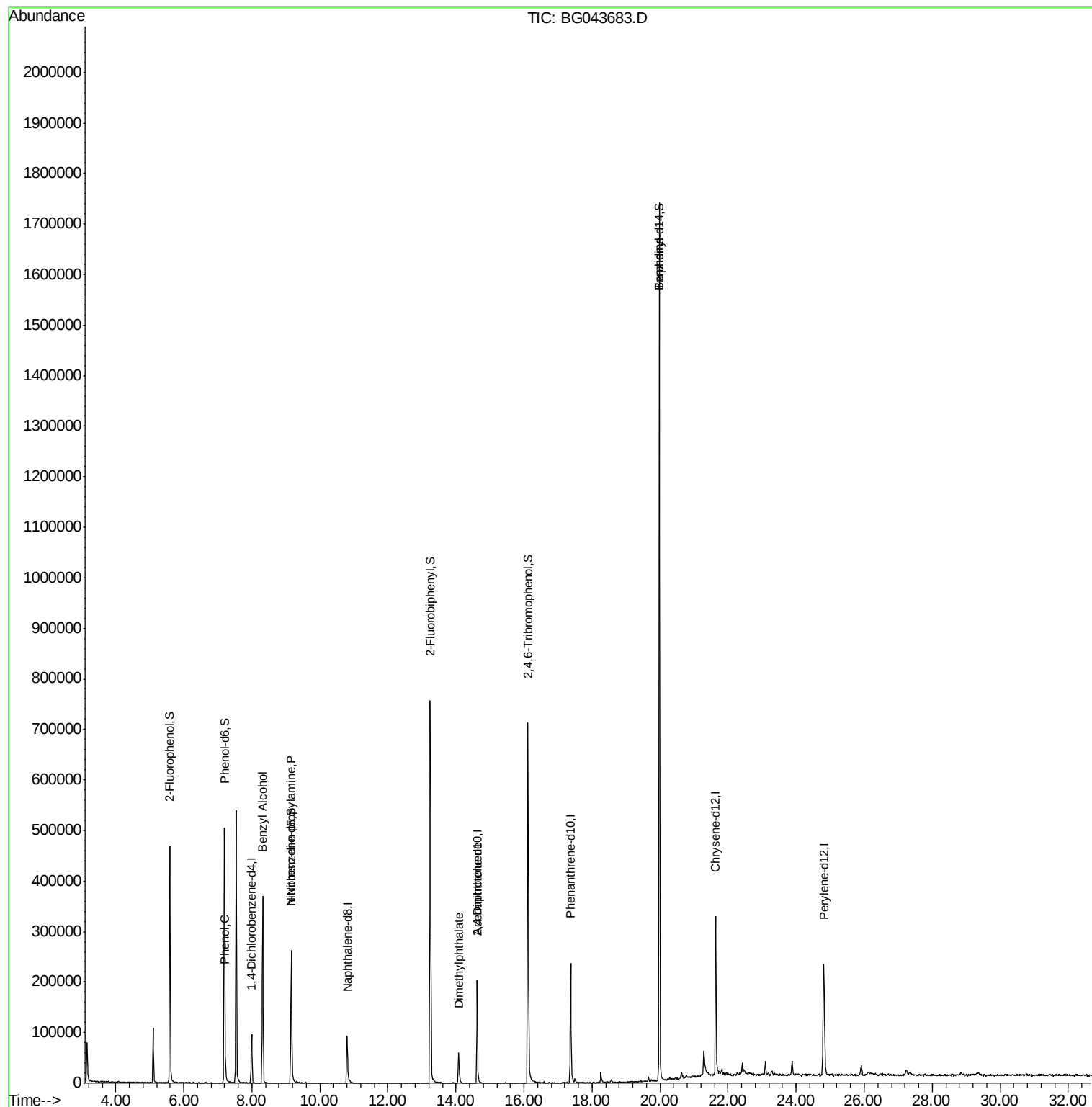
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	29295	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	104467	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	76575	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	193757	20.00	ng	-0.02
76) Chrysene-d12	21.63	240	215067	20.00	ng	-0.02
87) Perylene-d12	24.82	264	249519	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	212623	133.00	ng	0.00
7) Phenol-d6	7.19	99	304129	132.22	ng	0.00
23) Nitrobenzene-d5	9.15	82	182954	90.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	181604	124.62	ng	-0.02
45) 2-Fluorobiphenyl	13.24	172	471072	85.01	ng	-0.02
79) Terphenyl-d14	19.98	244	958729	83.63	ng	-0.02
Target Compounds						
10) Phenol	7.22	94	13268	6.313	ng	92
15) Benzyl Alcohol	8.31	79	3286	2.034	ng	# 59
19) n-Nitroso-di-n-propylamine	9.15	70	25758	17.330	ng	# 82
50) Dimethylphthalate	14.08	163	56529	9.531	ng	99
57) 2,4-Dinitrotoluene	14.62	165	10718	5.820	ng	# 25
77) Benzidine	19.98	184	14095	3.256	ng	# 1

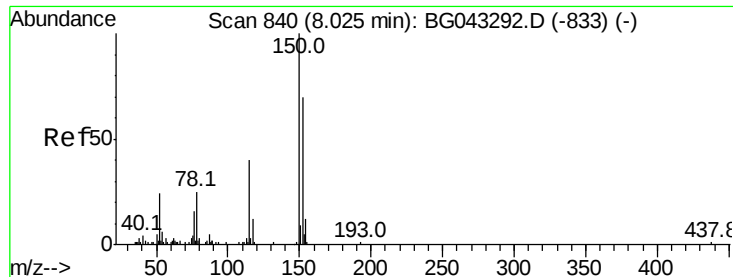
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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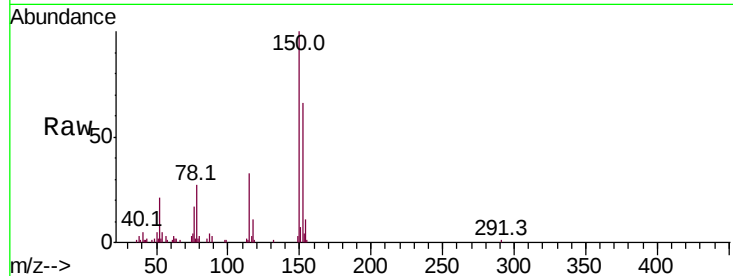


#1

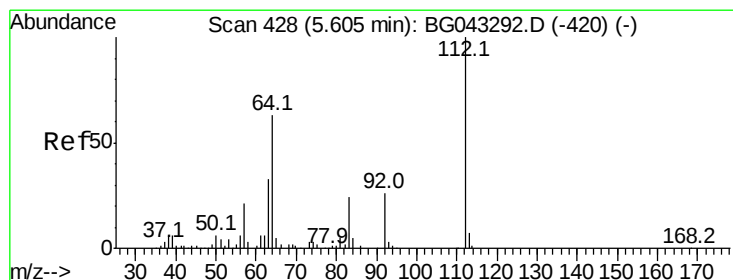
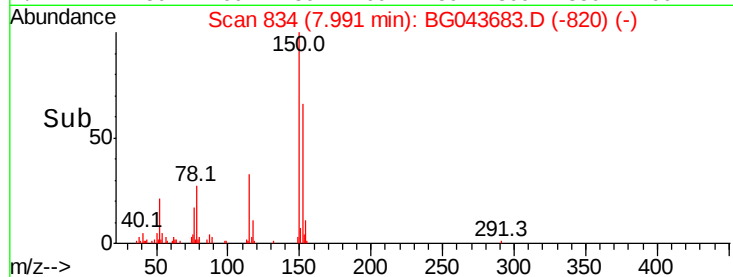
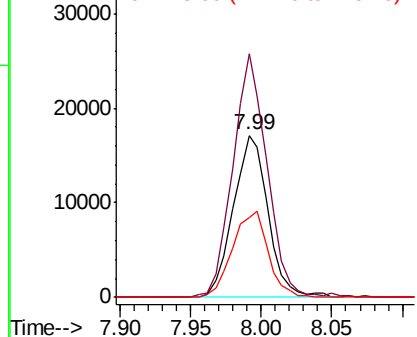
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29295
Ion Ratio Lower Upper
152 100
150 150.5 129.4 194.0
115 49.6 48.8 73.2



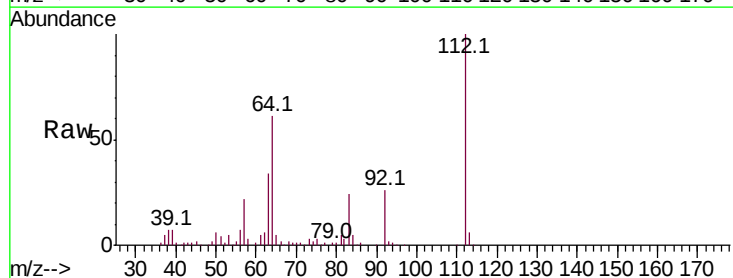
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



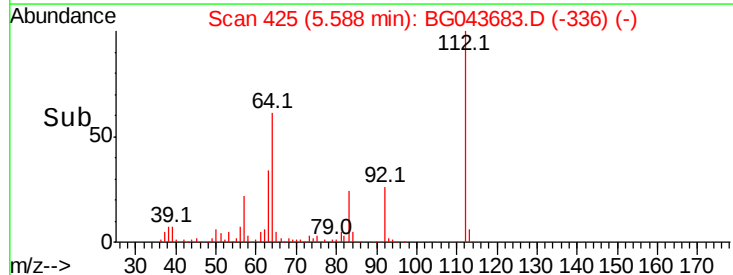
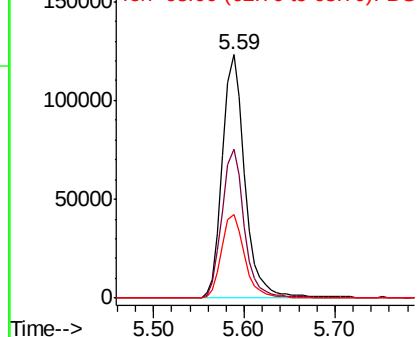
#5

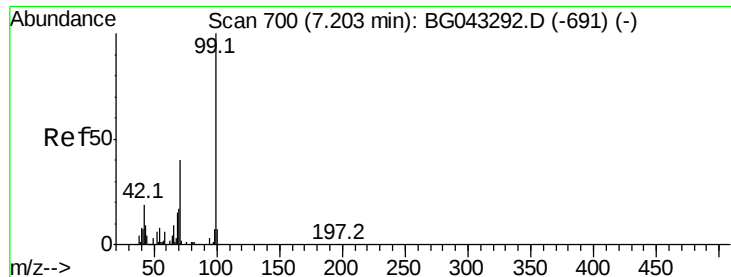
2-Fluorophenol
Concen: 132.999 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Tgt Ion:112 Resp: 212623
Ion Ratio Lower Upper
112 100
64 61.2 50.0 75.0
63 34.4 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.223 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

Instrument :

BNA_G

ClientSampleId :

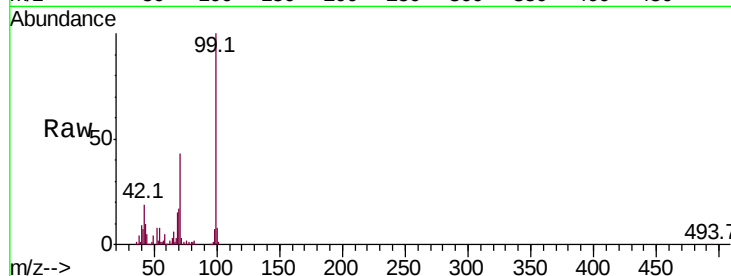
Tot Ion: 99 Resp: 304129

Ion Ratio Lower Upper

99 100

42 19.3 14.6 21.8

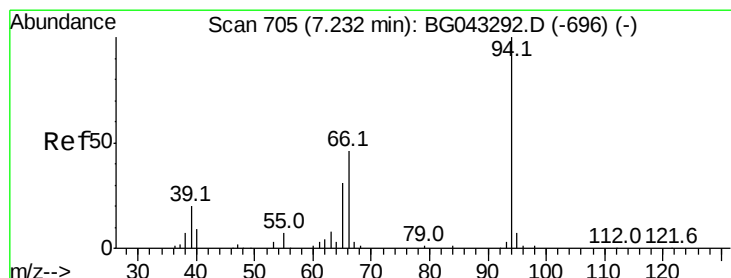
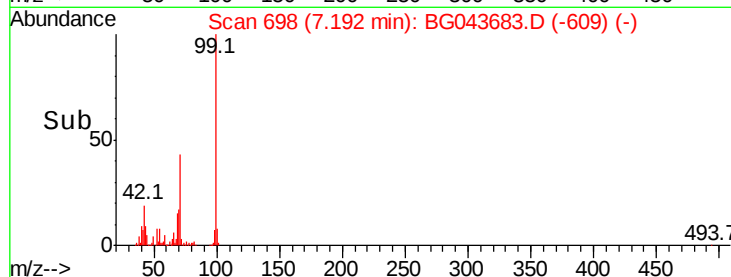
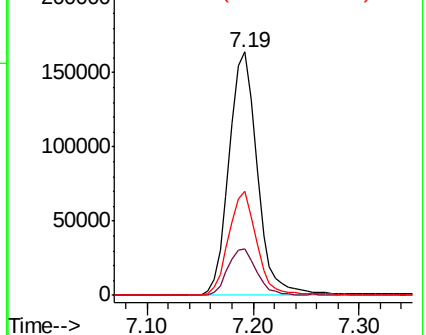
71 42.5 32.5 48.7



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: 6.313 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

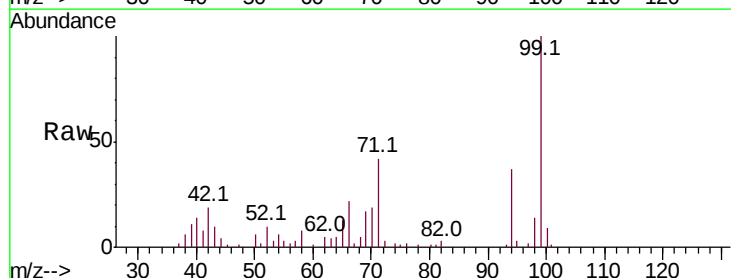
Tgt Ion: 94 Resp: 13268

Ion Ratio Lower Upper

94 100

65 34.4 12.6 52.6

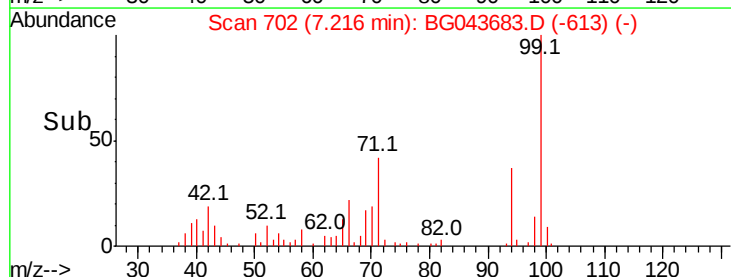
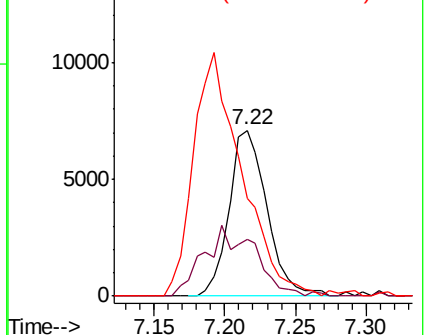
66 58.7 30.7 70.7

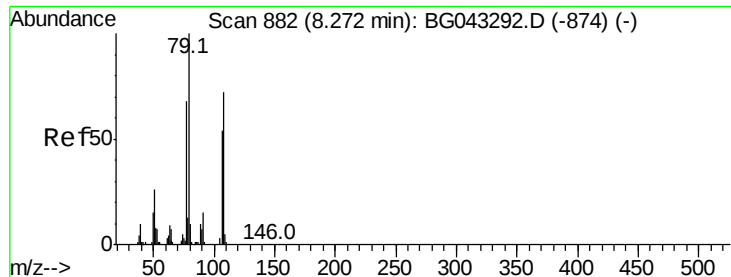


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

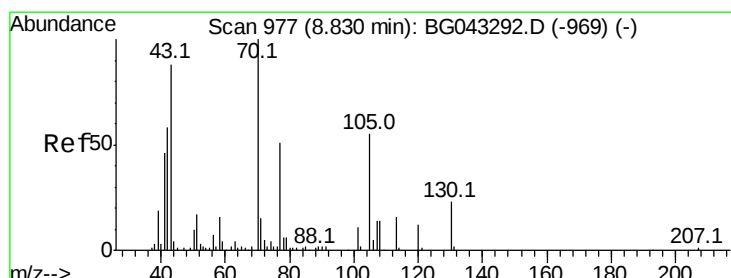
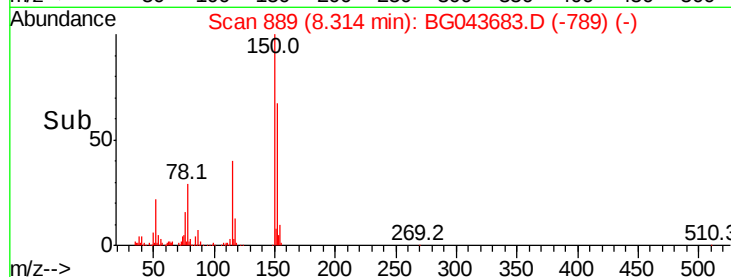
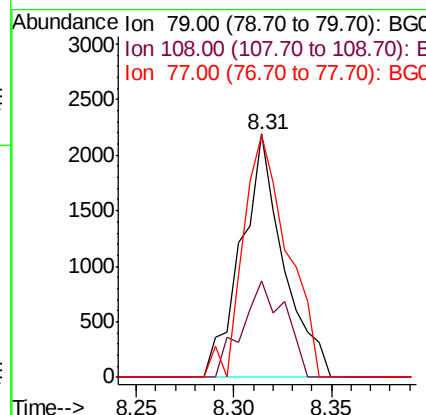
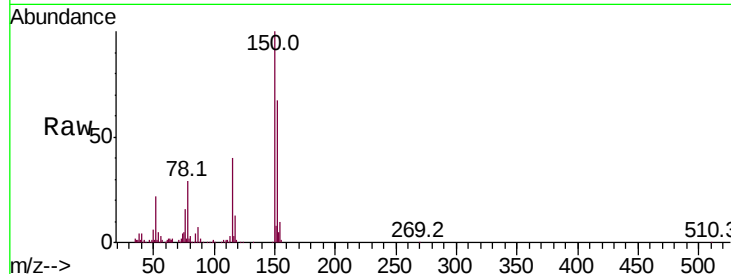




#15
Benzyl Alcohol
Concen: 2.034 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.06 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

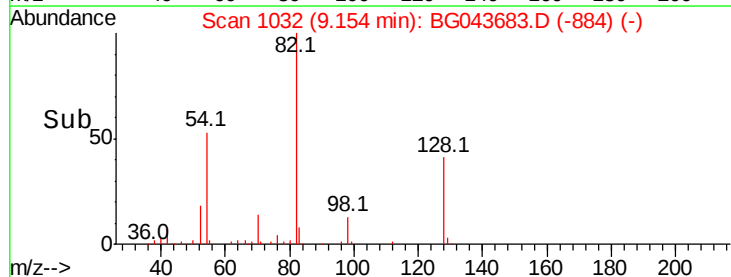
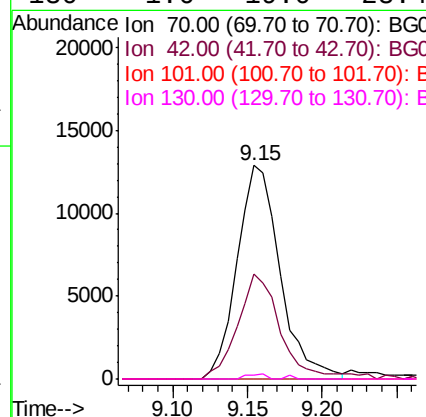
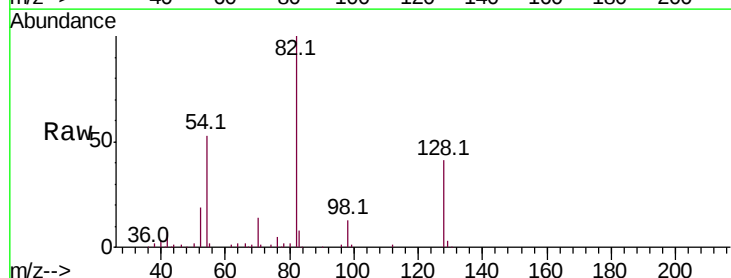
Instrument :
BNA_G
ClientSampleId :

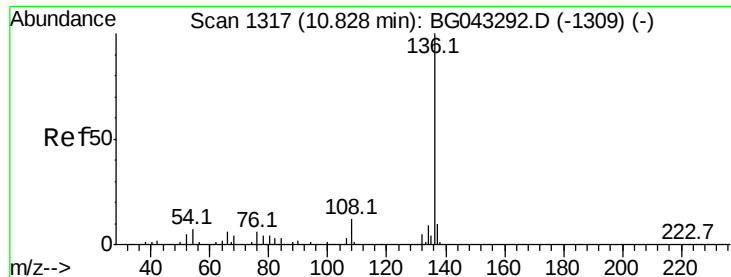
Tot Ion: 79 Resp: 3286
Ion Ratio Lower Upper
79 100
108 39.6 53.6 80.4#
77 99.4 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.330 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.34 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Tgt Ion: 70 Resp: 25758
Ion Ratio Lower Upper
70 100
42 49.0 41.4 62.2
101 0.0 7.9 11.9#
130 1.6 19.0 28.4#

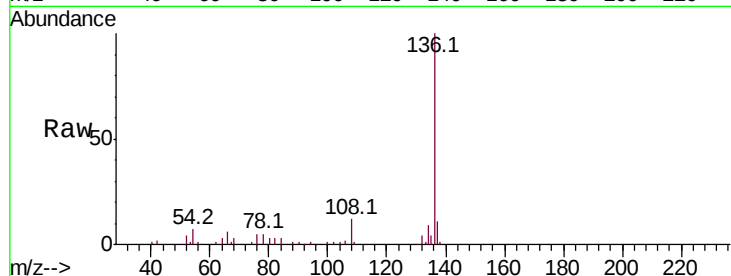




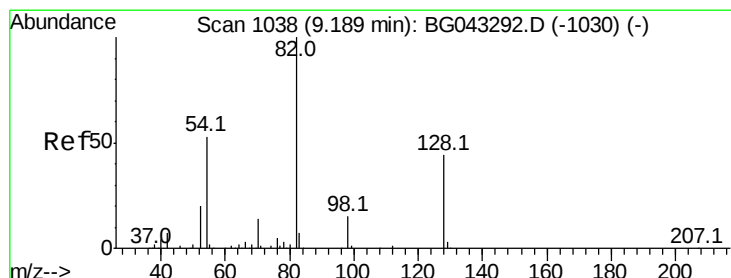
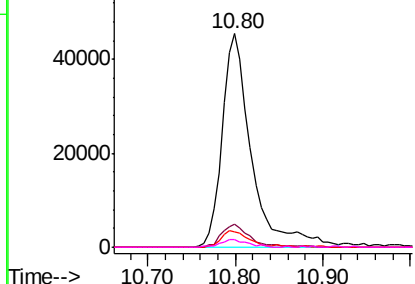
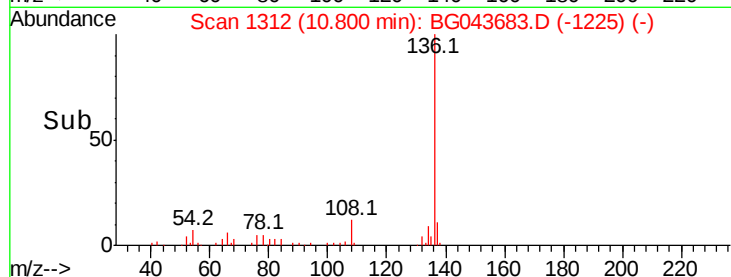
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	104467
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	7.3	5.4 8.2
68	3.5	3.0 4.4

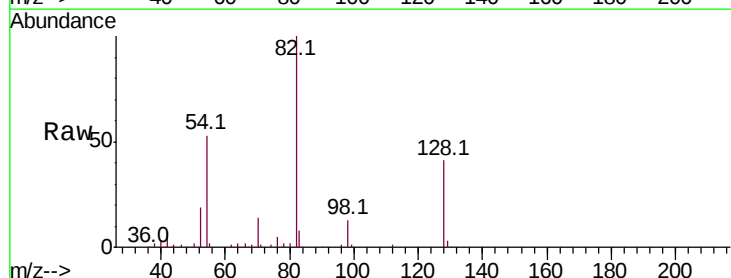


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

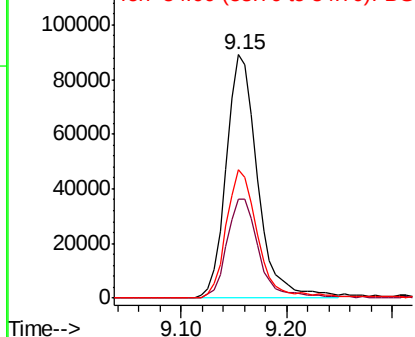
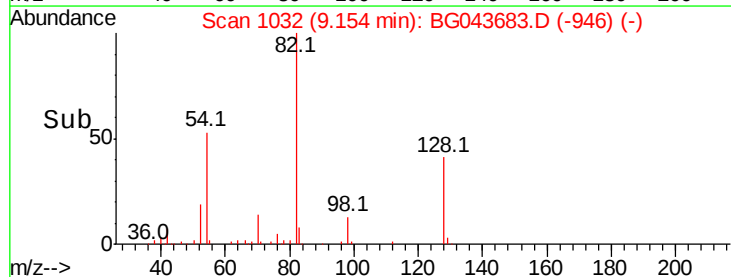


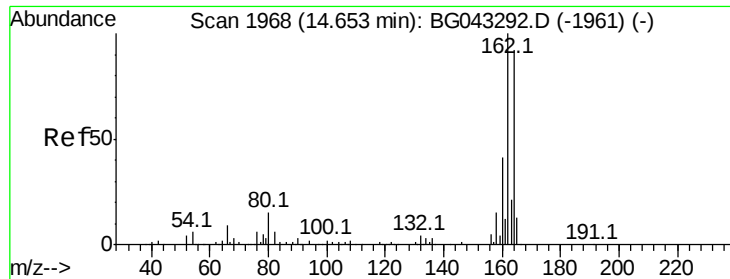
#23
Nitrobenzene-d5
Concen: 90.288 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Tgt Ion: 82	Resp:	182954
Ion Ratio	Lower	Upper
82	100	
128	40.9	35.0 52.6
54	52.9	40.2 60.2



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: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

Instrument :

BNA_G

ClientSampleId :

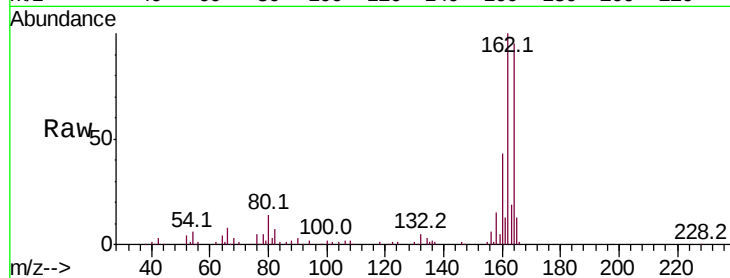
Tot Ion:164 Resp: 76575

Ion Ratio Lower Upper

164 100

162 105.4 83.5 125.3

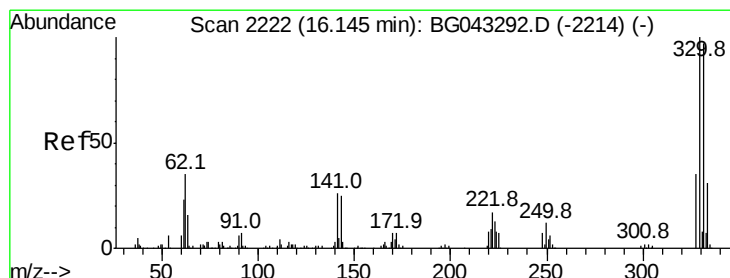
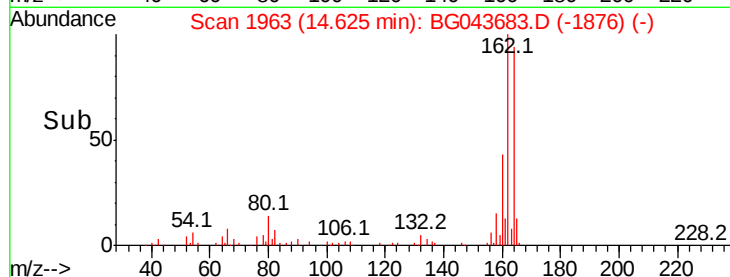
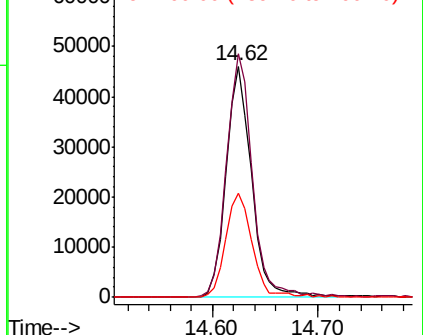
160 44.9 36.5 54.7



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



#42

2,4,6-Tribromophenol

Concen: 124.623 ng

RT: 16.12 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

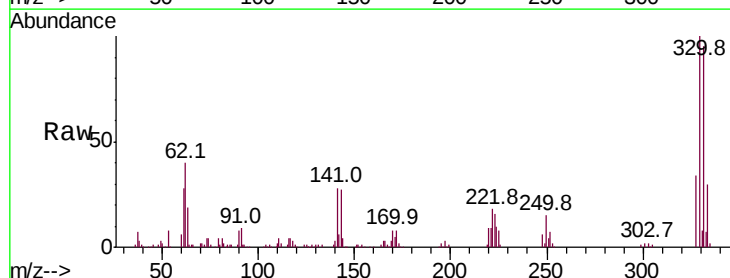
Tgt Ion:330 Resp: 181604

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

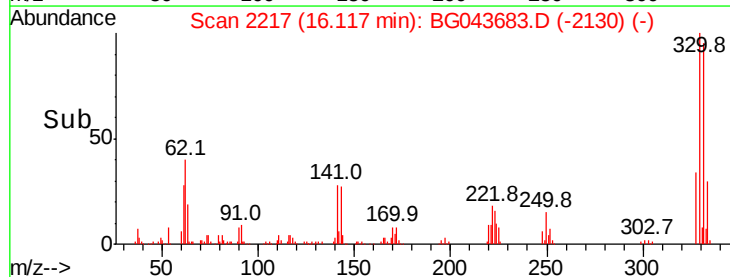
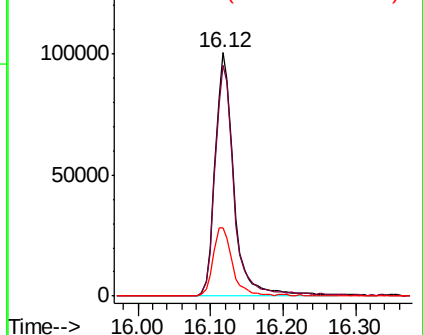
141 28.5 22.8 34.2

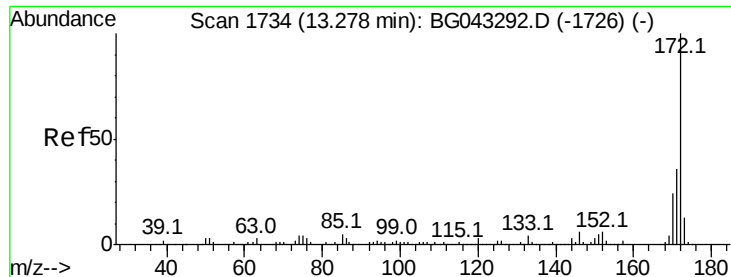


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

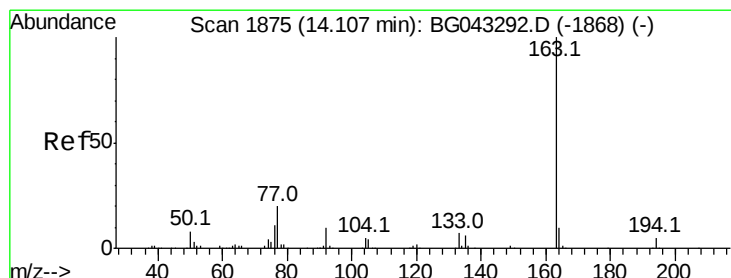
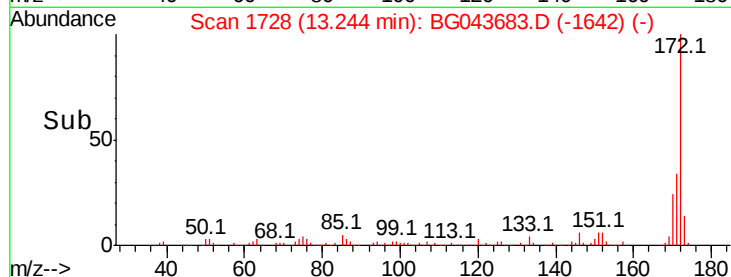
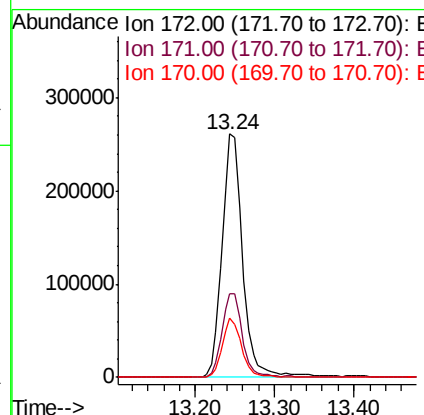
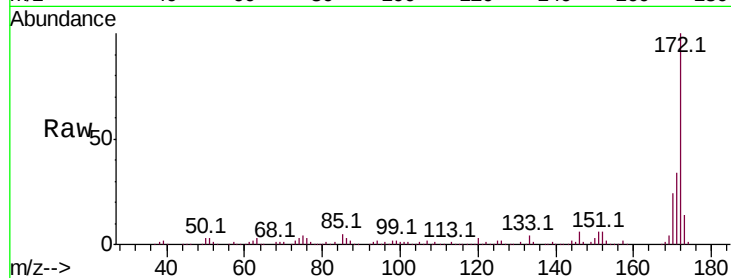




#45
2-Fluorobiphenyl
Concen: 85.005 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

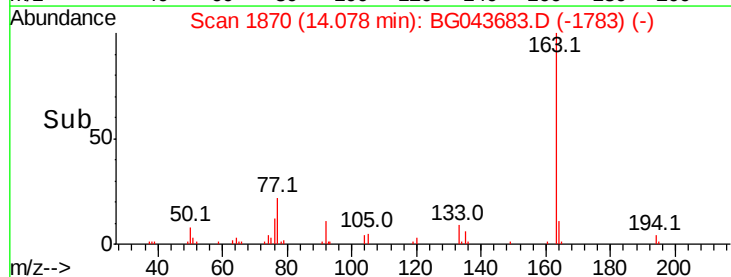
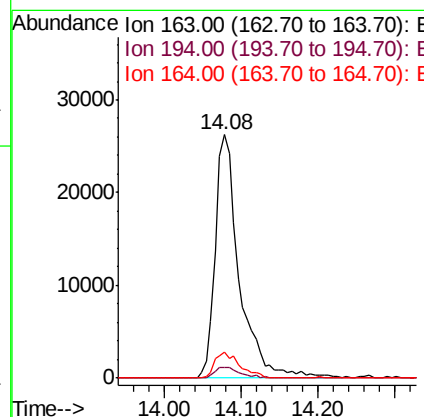
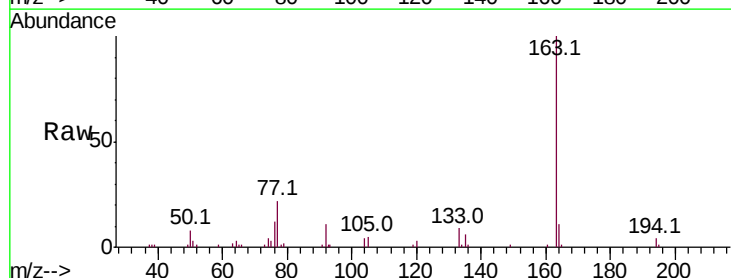
Instrument :
BNA_G
ClientSampleId :

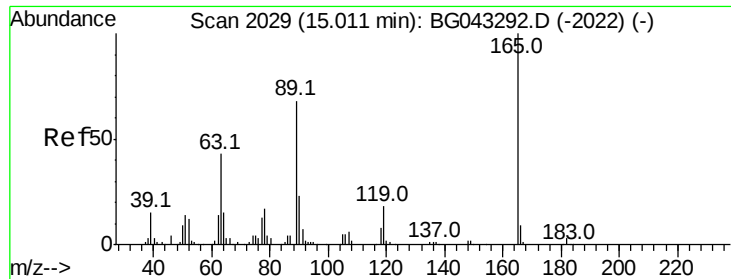
Tot Ion:172 Resp: 471072
Ion Ratio Lower Upper
172 100
171 34.5 28.9 43.3
170 24.4 18.5 27.7



#50
Dimethylphthalate
Concen: 9.531 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043683.D
Acq: 18 Nov 2019 21:32

Tgt Ion:163 Resp: 56529
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.6
164 10.8 8.9 13.3

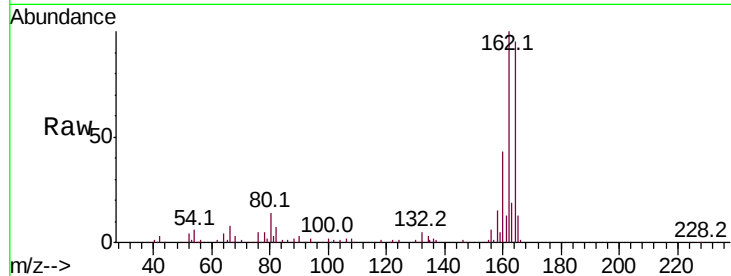




#57
 2,4-Dinitrotoluene
 Concen: 5.820 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.38 min
 Lab File: BG043683.D
 Acq: 18 Nov 2019 21:32

Instrument :
 BNA_G
 ClientSampleId :

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#

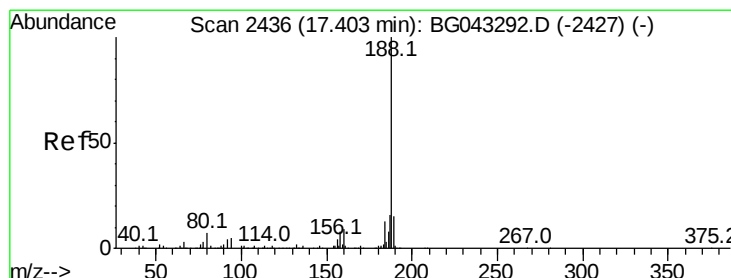
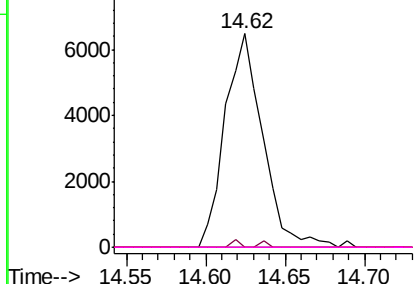
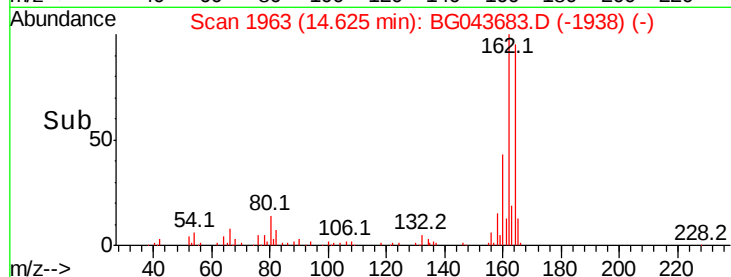


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

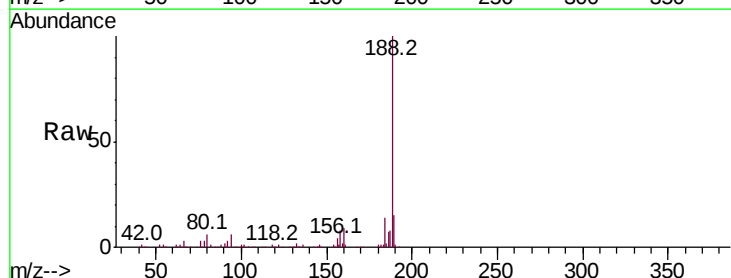
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.37 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BG043683.D
 Acq: 18 Nov 2019 21:32

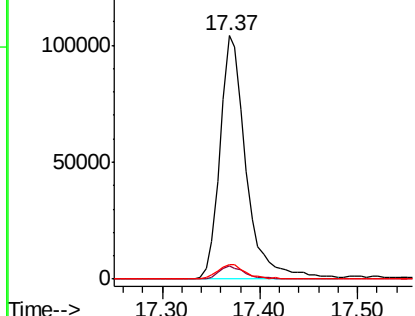
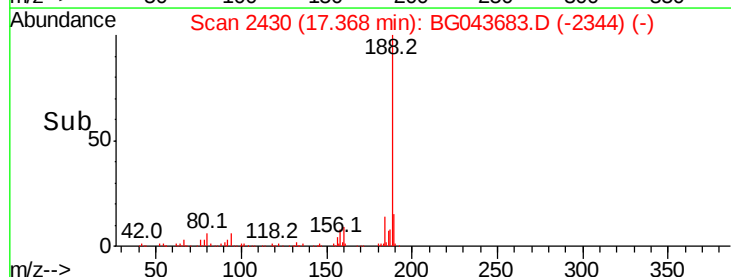
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	6.2	4.5	6.7

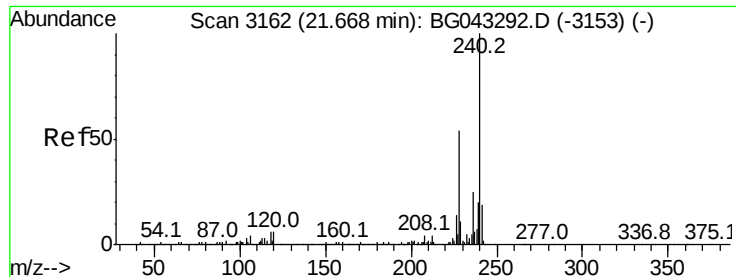


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.63 min Scan# 3156

Delta R.T. -0.02 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

Instrument :

BNA_G

ClientSampleId :

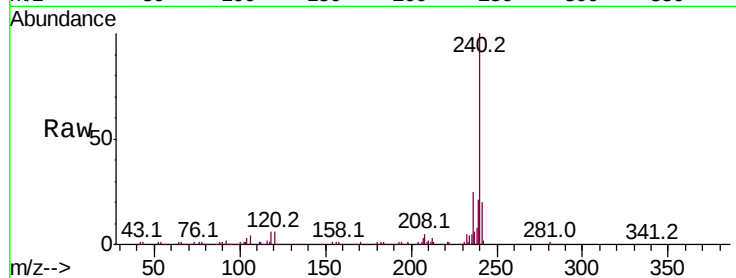
Tot Ion:240 Resp: 215067

Ion Ratio Lower Upper

240 100

120 5.6 4.6 6.8

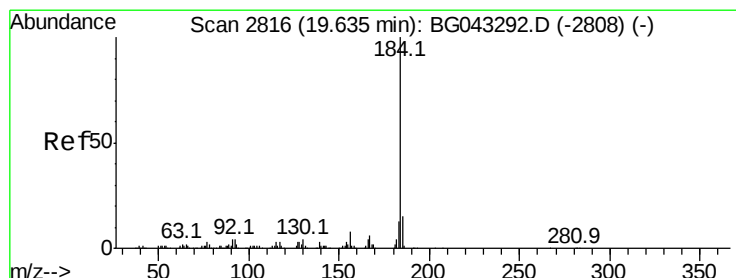
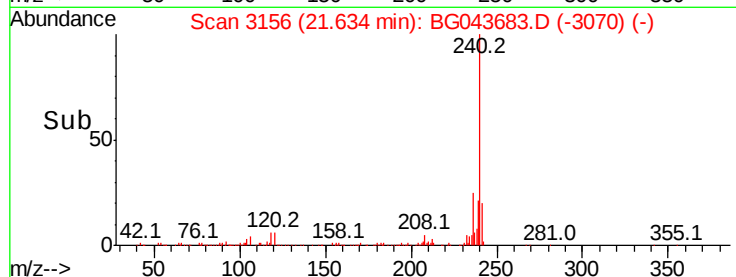
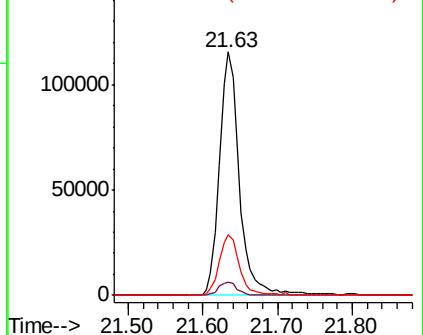
236 25.0 19.8 29.8



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: 3.256 ng

RT: 19.98 min Scan# 2874

Delta R.T. 0.35 min

Lab File: BG043683.D

Acq: 18 Nov 2019 21:32

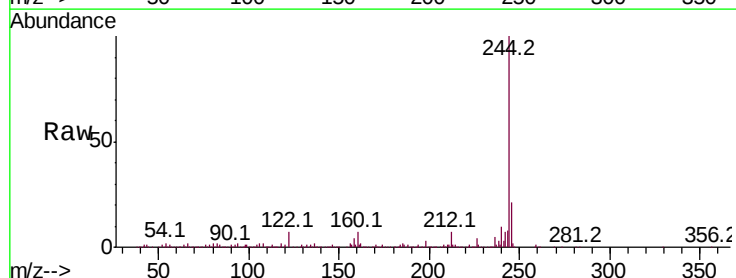
Tgt Ion:184 Resp: 14095

Ion Ratio Lower Upper

184 100

185 155.0 11.0 16.4#

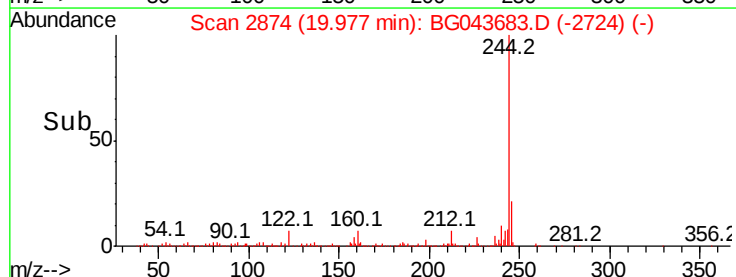
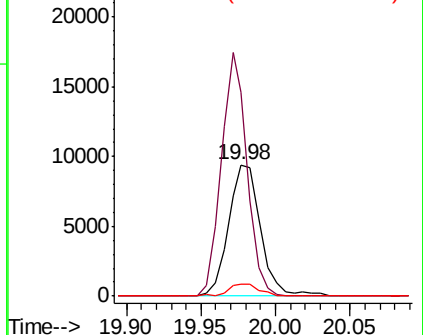
183 9.3 10.0 15.0#

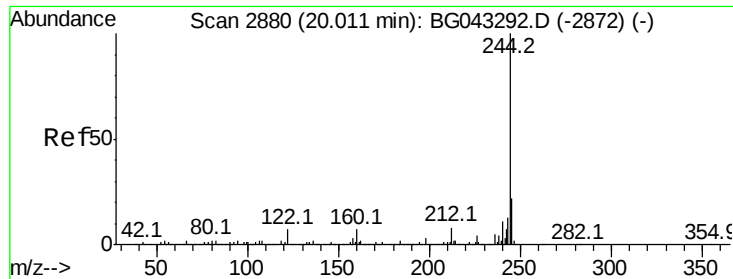


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

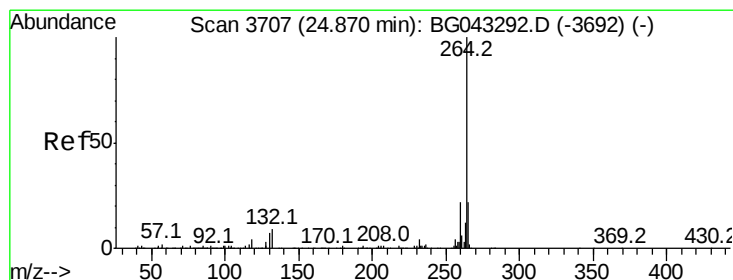
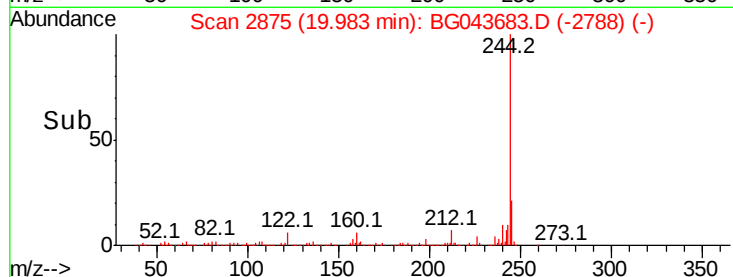
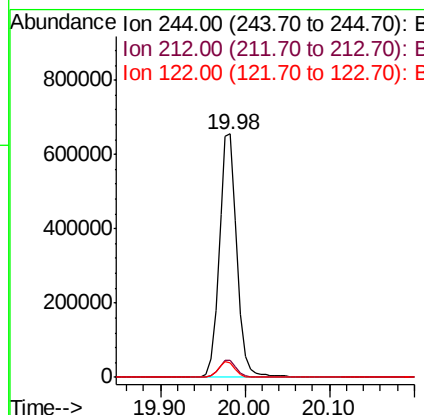
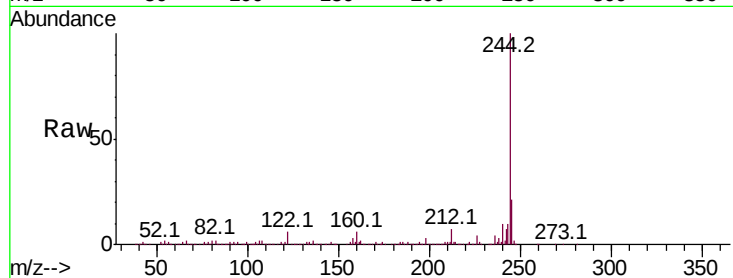




#79
 Terphenyl-d14
 Concen: 83.631 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.02 min
 Lab File: BG043683.D
 Acq: 18 Nov 2019 21:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	6.0	5.4	8.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3698
 Delta R.T. -0.03 min
 Lab File: BG043683.D
 Acq: 18 Nov 2019 21:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.5	26.3
265	20.9	17.4	26.0

