

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043551.D
 Acq On : 7 Nov 2019 22:44
 Operator : JU
 Sample : K5723-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-C

Quant Time: Nov 08 04:18:49 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

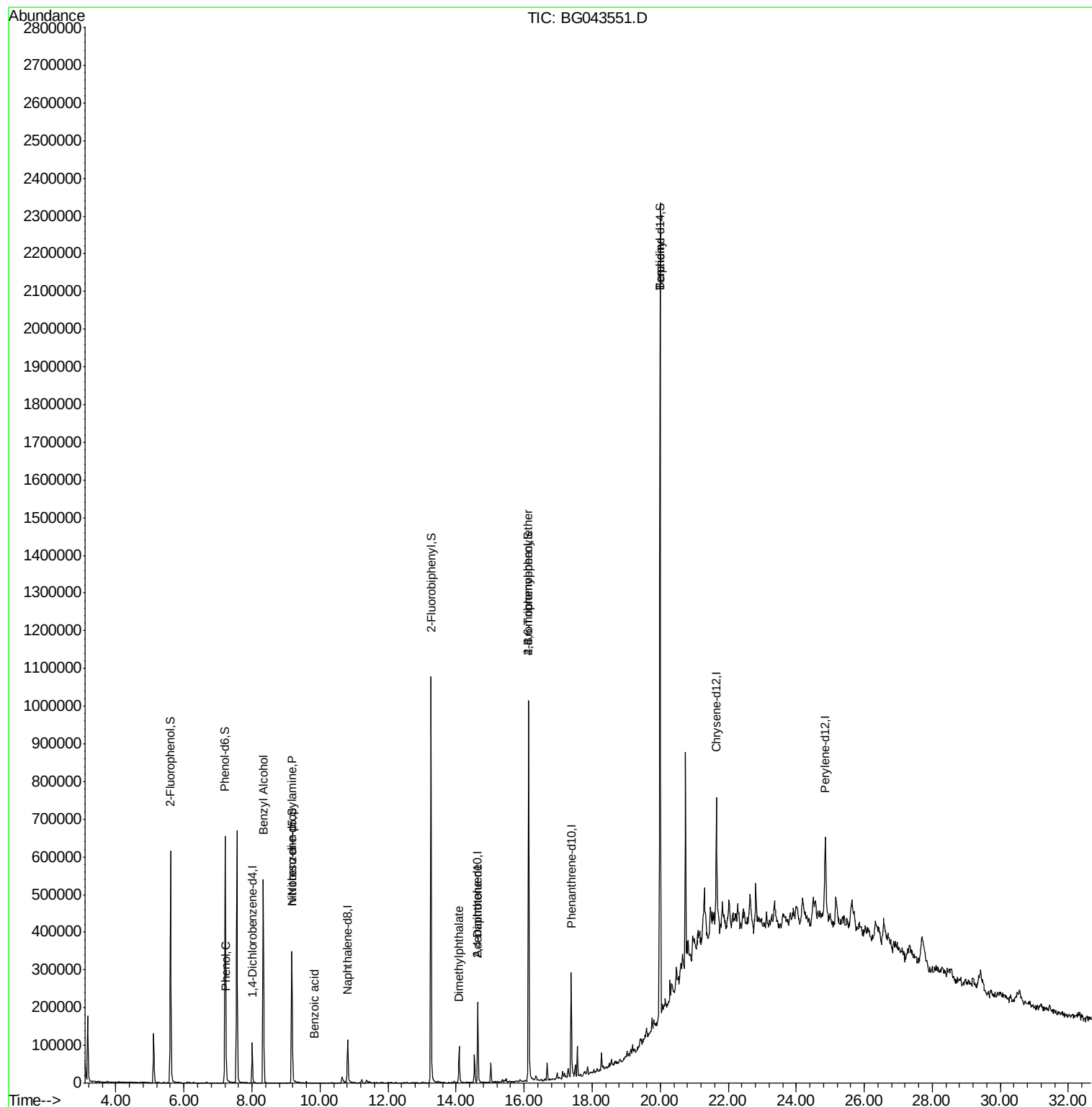
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31781	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	110594	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	83088	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	198393	20.00	ng	0.00
76) Chrysene-d12	21.65	240	210326	20.00	ng	0.00
87) Perylene-d12	24.85	264	249709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	291210	167.91	ng	0.02
7) Phenol-d6	7.21	99	405554	162.53	ng	0.02
23) Nitrobenzene-d5	9.17	82	248924	116.04	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	248222	156.99	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	628766	104.57	ng	0.00
79) Terphenyl-d14	20.00	244	1150353	102.61	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14550	6.381	ng	96
15) Benzyl Alcohol	8.33	79	4598	2.624	ng	# 58
19) n-Nitroso-di-n-propylamine	9.17	70	34089	21.141	ng	# 82
32) Benzoic acid	9.82	122	61	9.095	ng	# 1
50) Dimethylphthalate	14.09	163	73927	11.487	ng	98
57) 2,4-Dinitrotoluene	14.63	165	11104	5.557	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	16075	6.021	ng	# 1
77) Benzidine	20.00	184	18348	4.335	ng	# 92

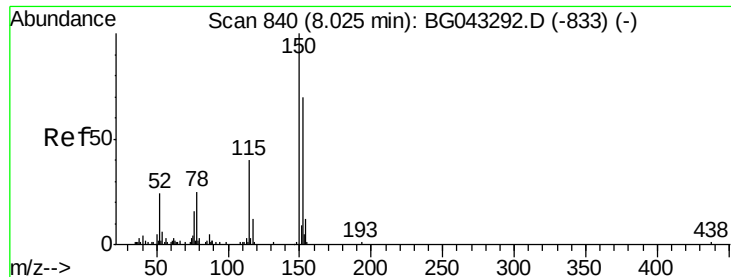
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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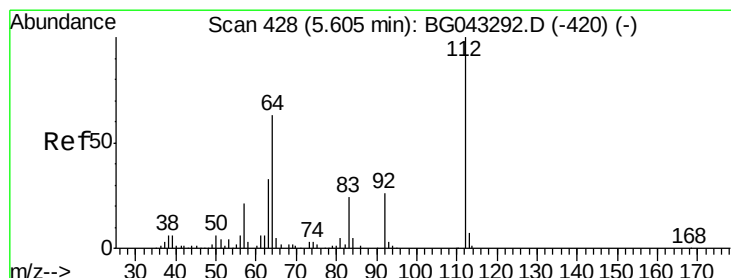
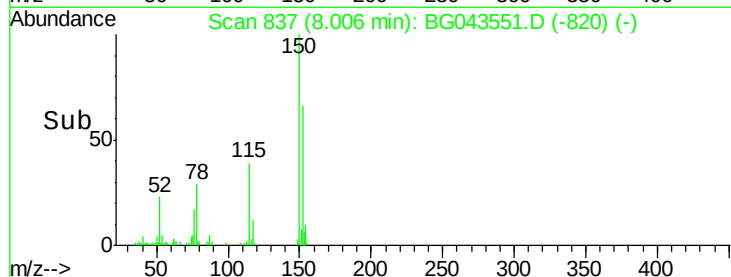
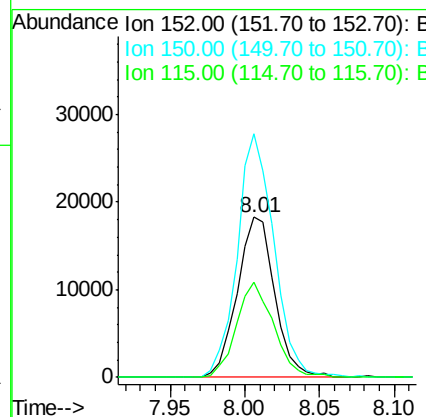
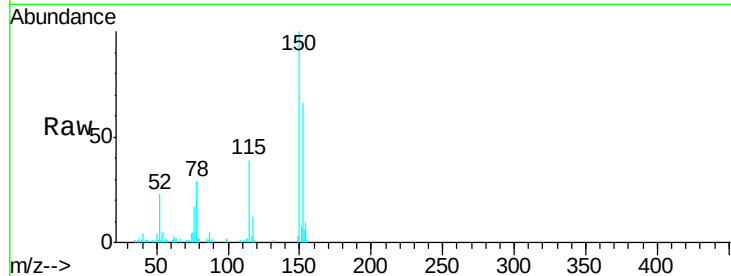


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043551.D
Acq: 7 Nov 2019 22:44

Instrument :
BNA_G
ClientSampleId :
10-C

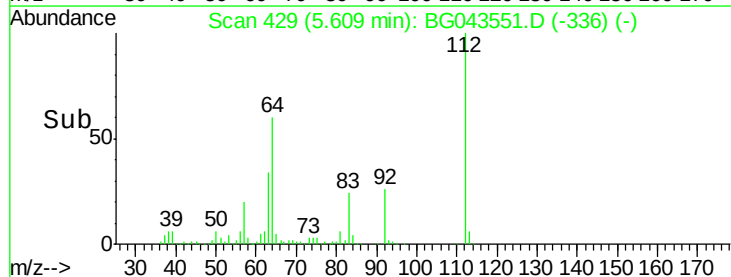
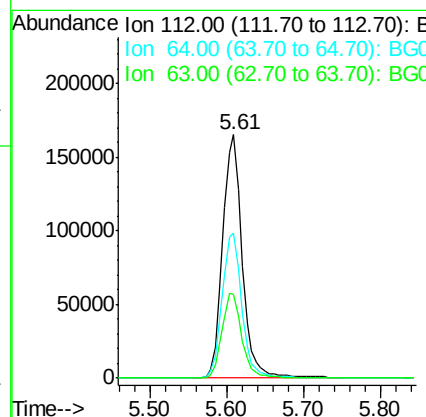
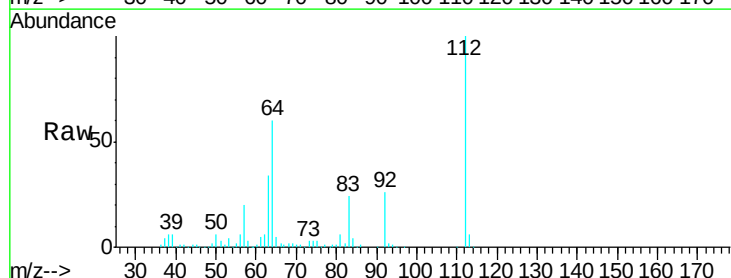
Tgt Ion:152 Resp: 31781
Ion Ratio Lower Upper
152 100
150 152.1 129.4 194.0
115 59.6 48.8 73.2

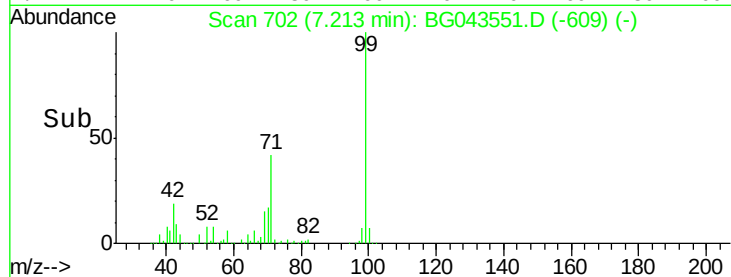
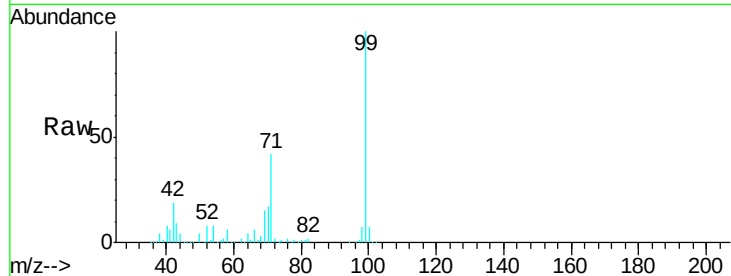
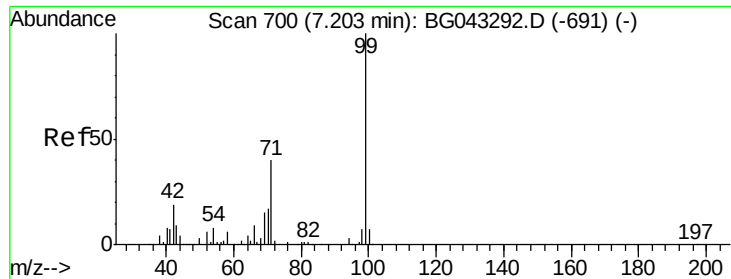


#5

2-Fluorophenol
Concen: 167.908 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043551.D
Acq: 7 Nov 2019 22:44

Tgt Ion:112 Resp: 291210
Ion Ratio Lower Upper
112 100
64 59.6 50.0 75.0
63 34.2 26.6 40.0





#7

Phenol-d6

Concen: 162.526 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

10-C

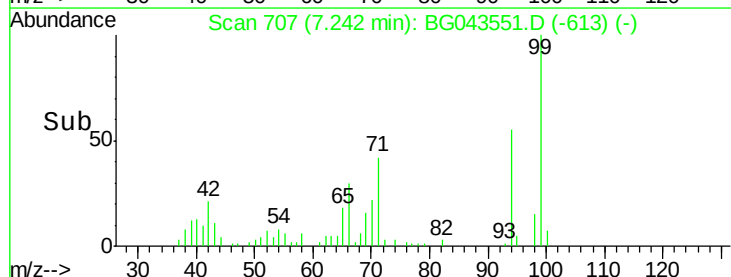
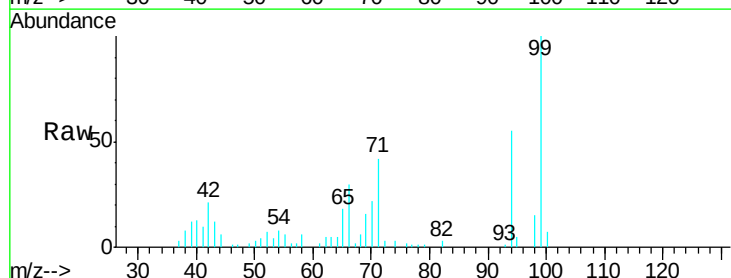
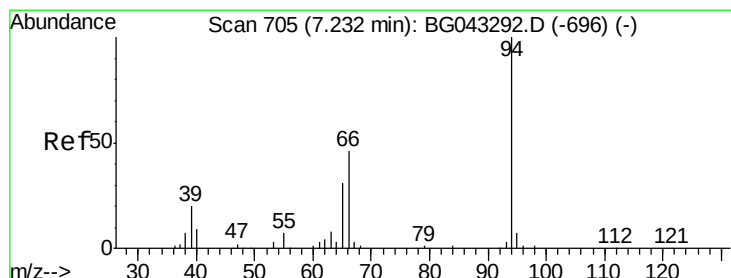
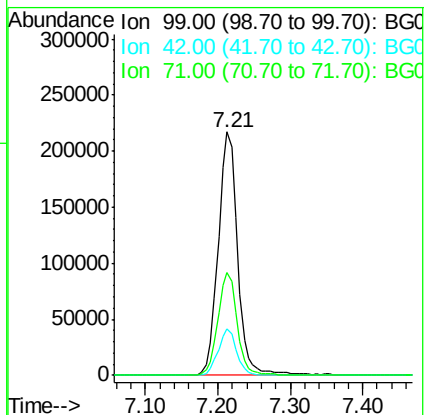
Tgt Ion: 99 Resp: 405554

Ion Ratio Lower Upper

99 100

42 18.9 14.6 21.8

71 42.2 32.5 48.7



#10

Phenol

Concen: 6.381 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

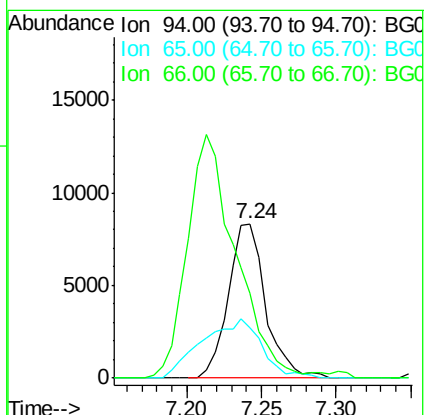
Tgt Ion: 94 Resp: 14550

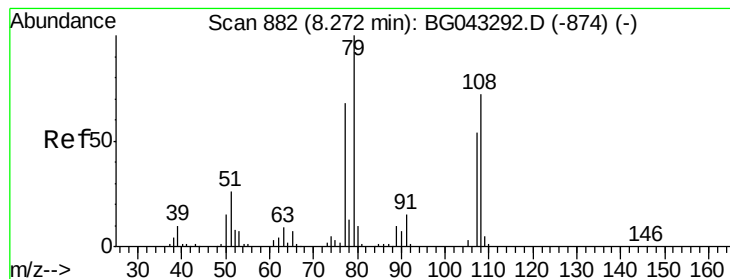
Ion Ratio Lower Upper

94 100

65 32.7 12.6 52.6

66 55.4 30.7 70.7





#15

Benzyl Alcohol

Concen: 2.624 ng

RT: 8.33 min Scan# 892

Delta R.T. 0.08 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

10-C

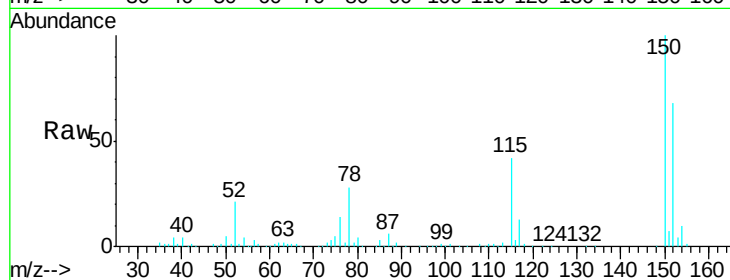
Tgt Ion: 79 Resp: 4598

Ion Ratio Lower Upper

79 100

108 34.1 53.6 80.4#

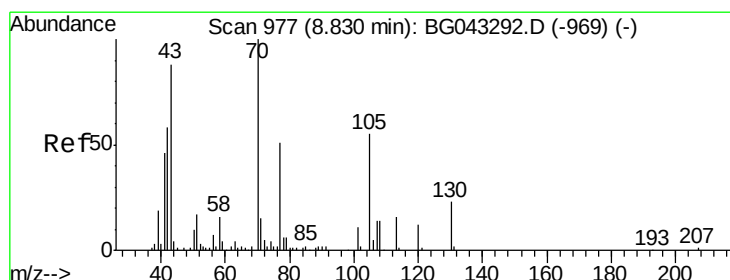
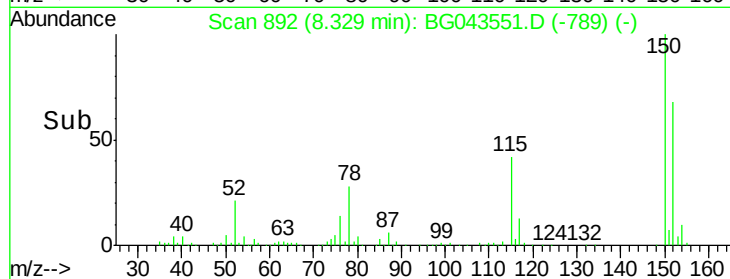
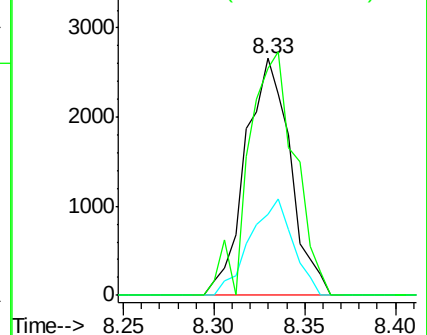
77 95.7 49.6 74.4#



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: 21.141 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.36 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

Tgt Ion: 70 Resp: 34089

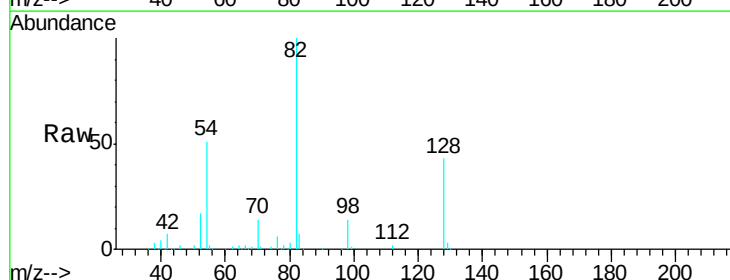
Ion Ratio Lower Upper

70 100

42 47.8 41.4 62.2

101 0.0 7.9 11.9#

130 2.9 19.0 28.4#

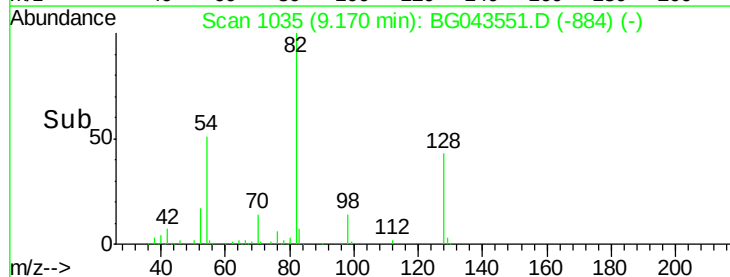
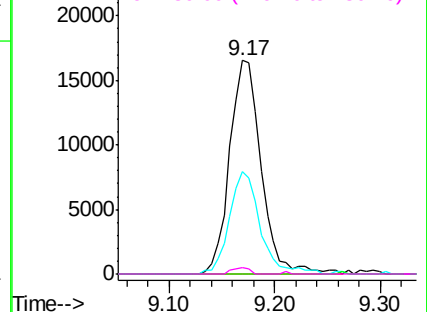


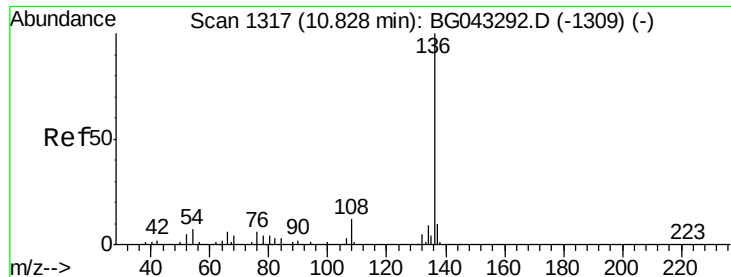
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

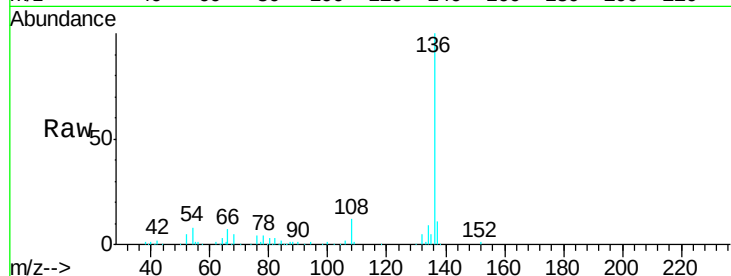




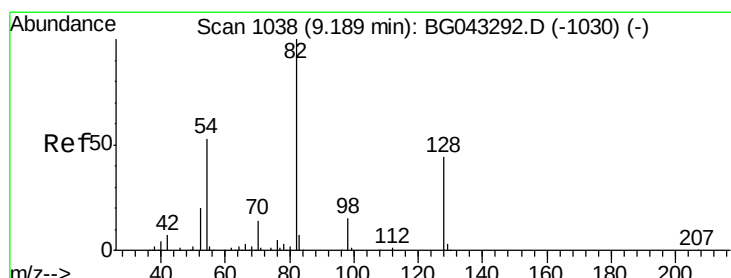
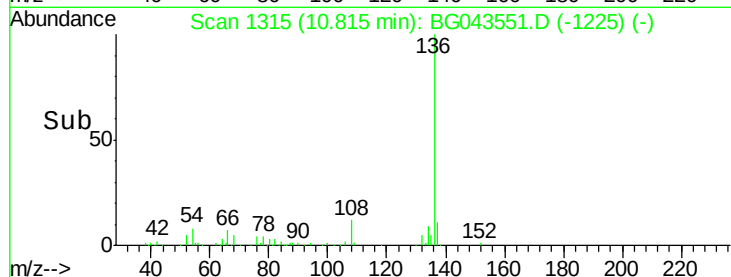
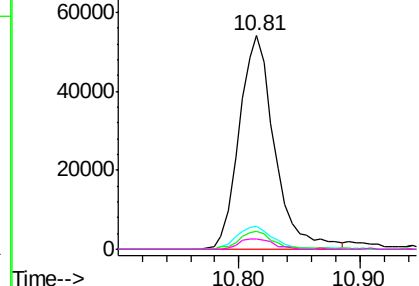
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043551.D
Acq: 7 Nov 2019 22:44

Instrument :
BNA_G
ClientSampleId :
10-C

Tgt Ion:	136	Resp:	110594
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.5	5.4	8.2#
68	5.1	3.0	4.4#

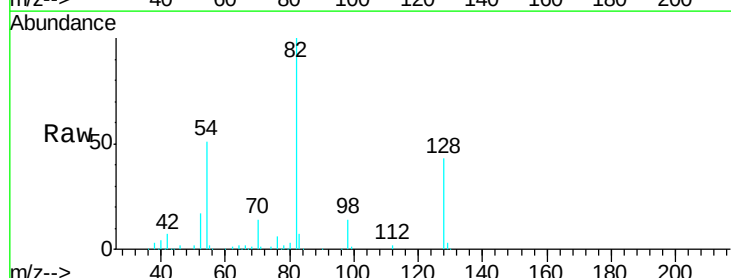


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

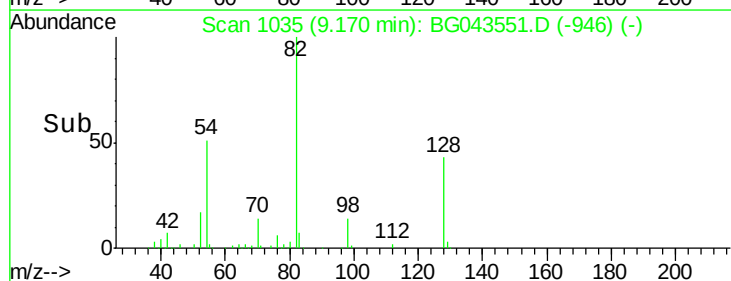
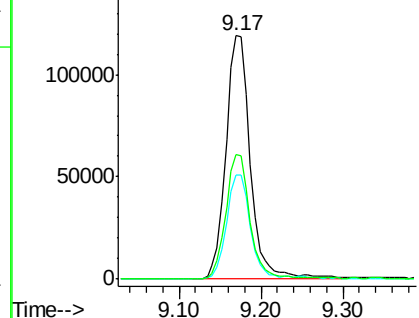


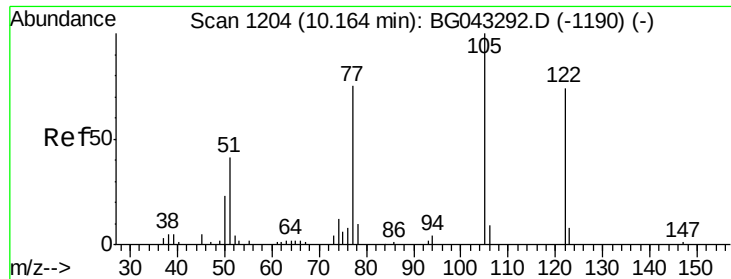
#23
Nitrobenzene-d5
Concen: 116.038 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043551.D
Acq: 7 Nov 2019 22:44

Tgt Ion:	82	Resp:	248924
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.0	52.6
54	51.0	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

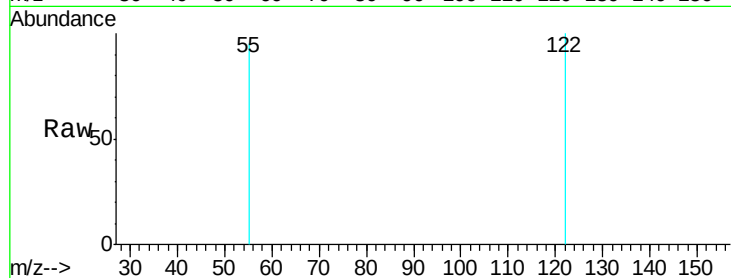




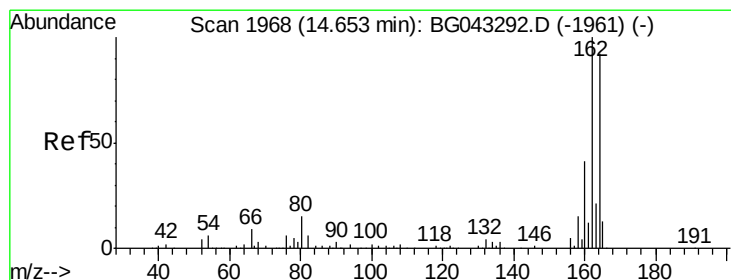
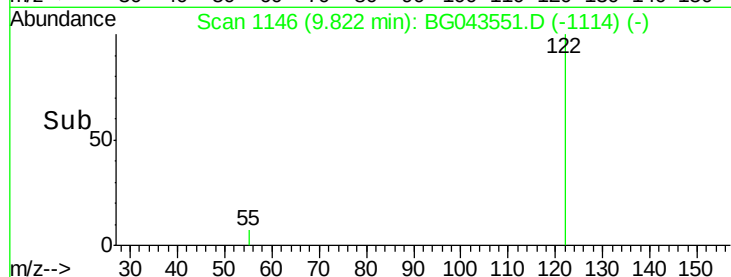
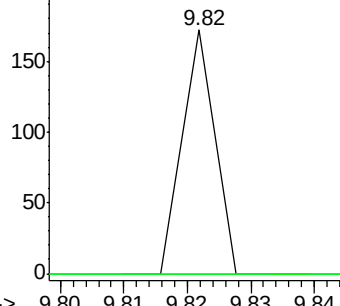
#32
Benzoic acid
Concen: 9.095 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.34 min
Lab File: BG043551.D
Acq: 7 Nov 2019 22:44

Instrument :
BNA_G
ClientSampleId :
10-C

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	0.0	84.9	124.9#

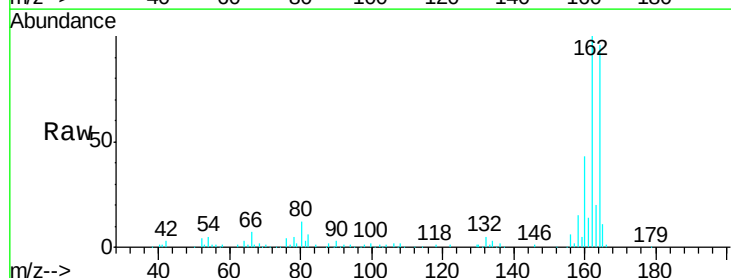


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

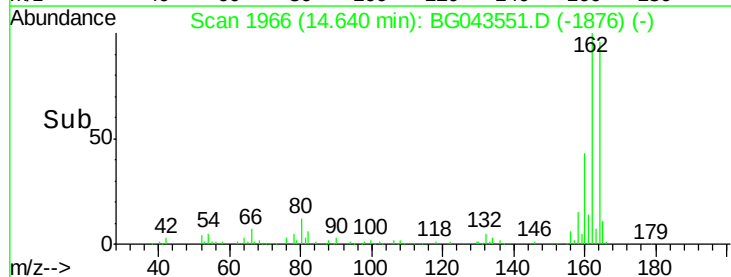
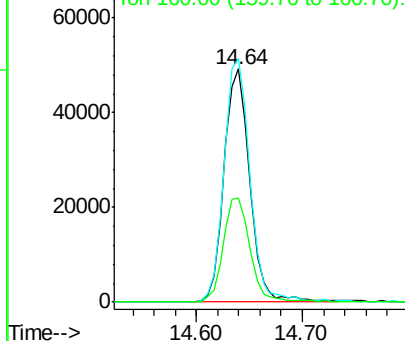


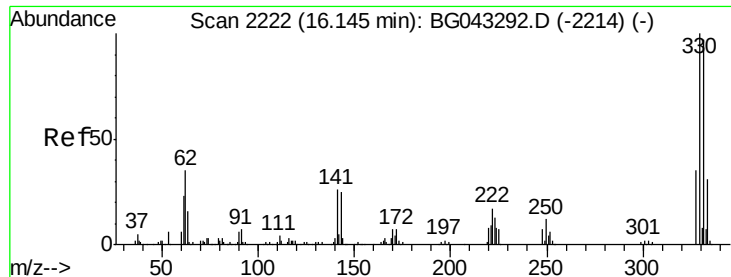
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043551.D
Acq: 7 Nov 2019 22:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.5	125.3
160	44.8	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

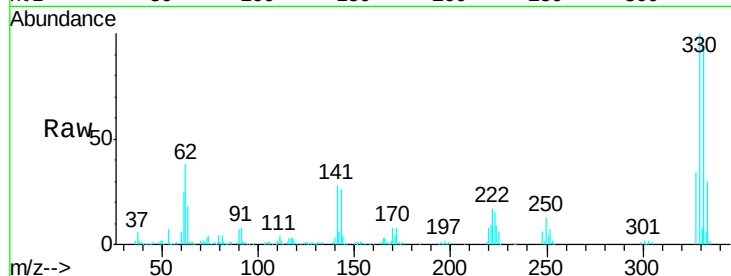




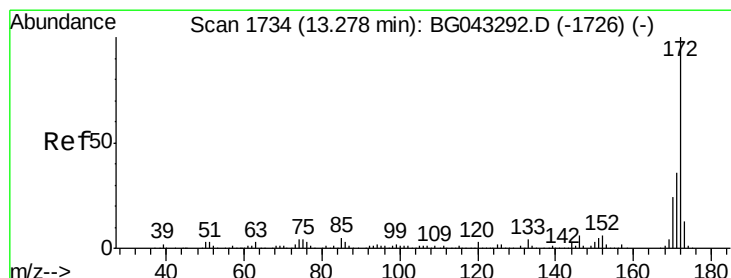
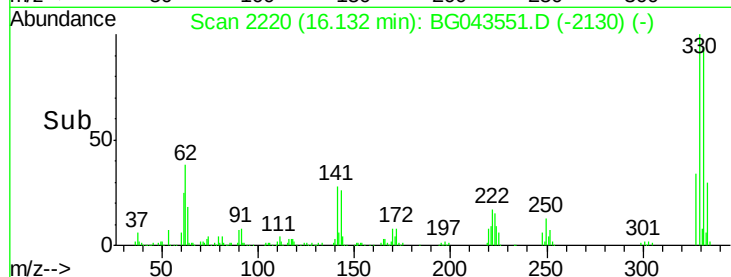
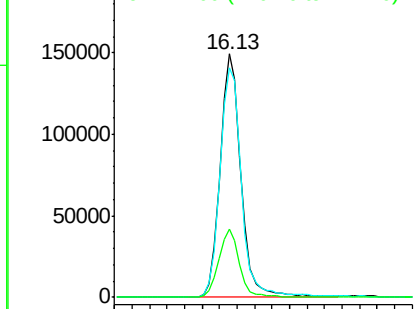
#42
 2,4,6-Tribromophenol
 Concen: 156.987 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043551.D
 Acq: 7 Nov 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 10-C

Tgt Ion:330 Resp: 248222
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 27.6 22.8 34.2

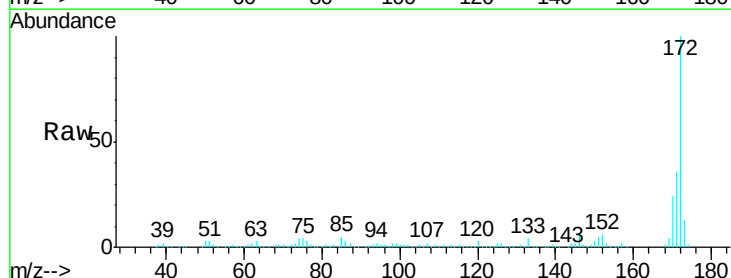


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

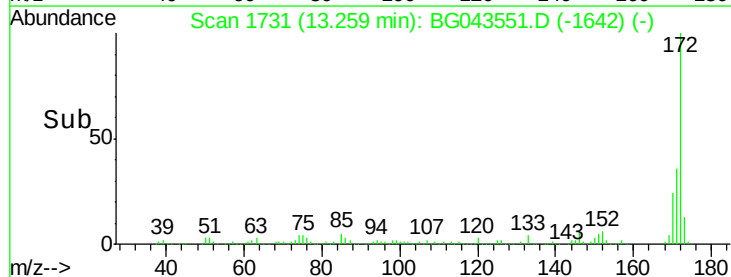
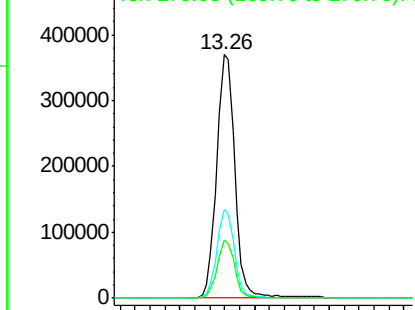


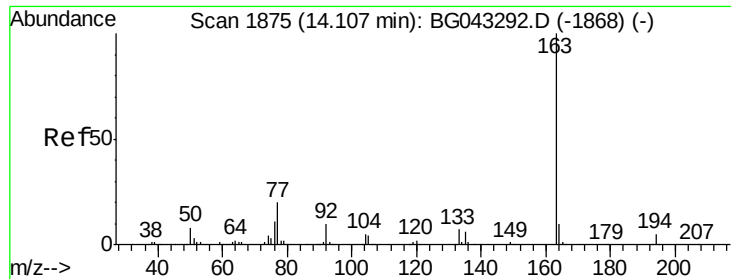
#45
 2-Fluorobiphenyl
 Concen: 104.568 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043551.D
 Acq: 7 Nov 2019 22:44

Tgt Ion:172 Resp: 628766
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.7 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

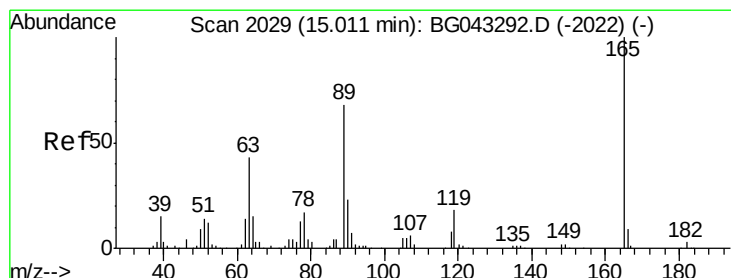
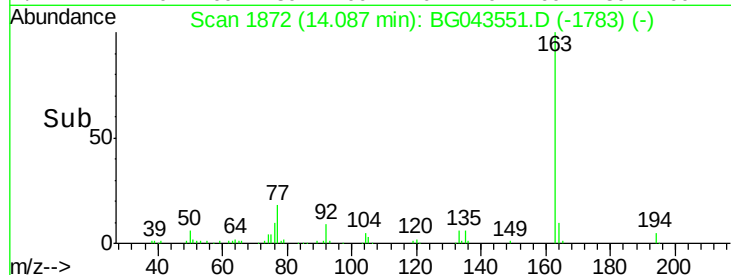
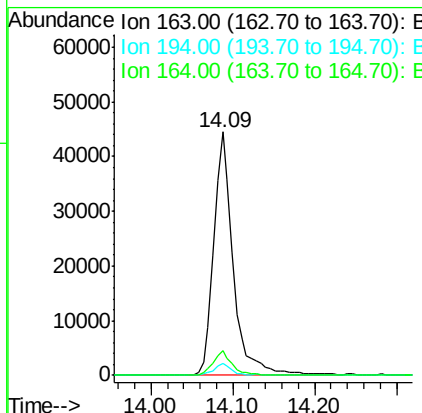
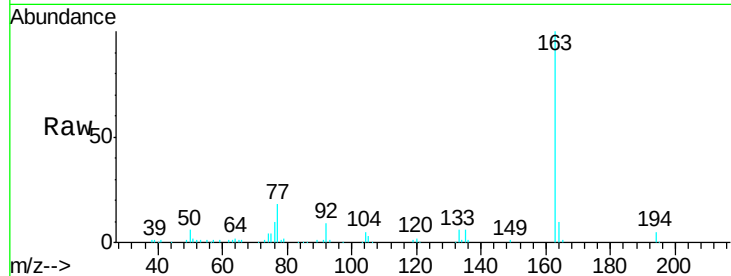




#50
Dimethylphthalate
Concen: 11.487 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043551.D
Acq: 7 Nov 2019 22:44

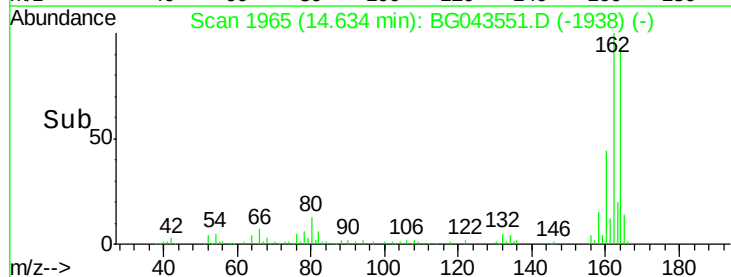
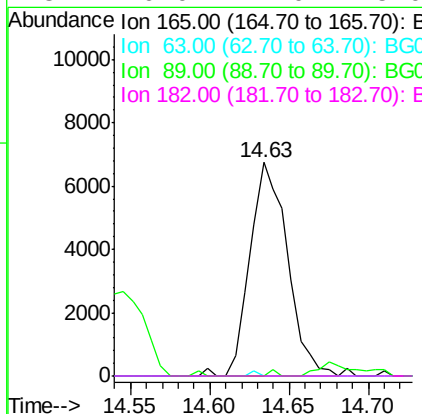
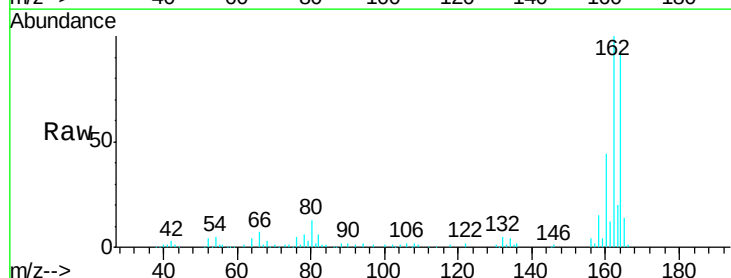
Instrument :
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10-C

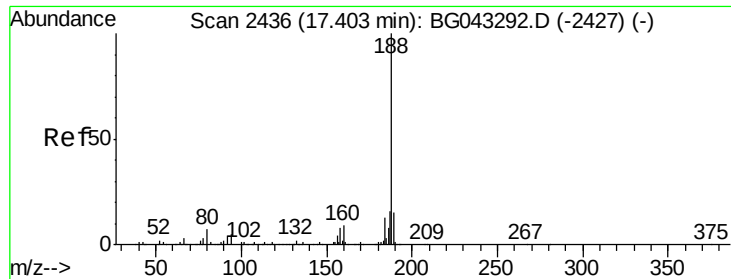
Tgt Ion:163 Resp: 73927
Ion Ratio Lower Upper
163 100
194 5.0 3.8 5.6
164 10.2 8.9 13.3



#57
2,4-Dinitrotoluene
Concen: 5.557 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.37 min
Lab File: BG043551.D
Acq: 7 Nov 2019 22:44

Tgt Ion:165 Resp: 11104
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: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

10-C

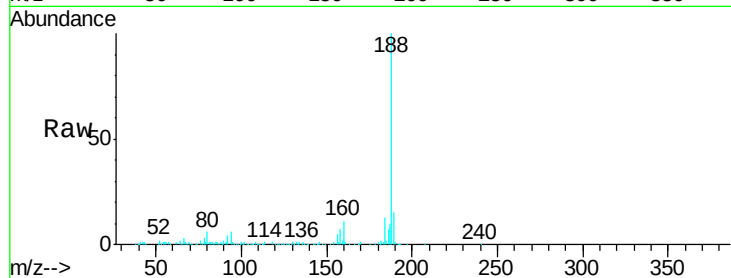
Tgt Ion:188 Resp: 198393

Ion Ratio Lower Upper

188 100

94 5.9 4.2 6.4

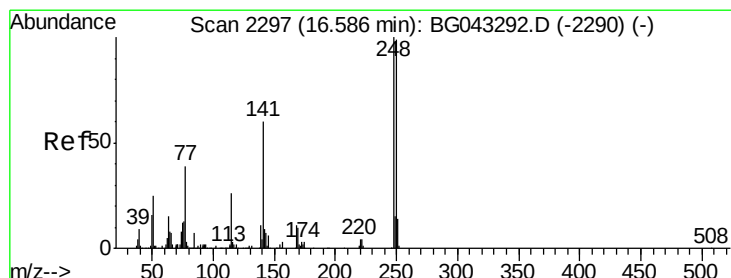
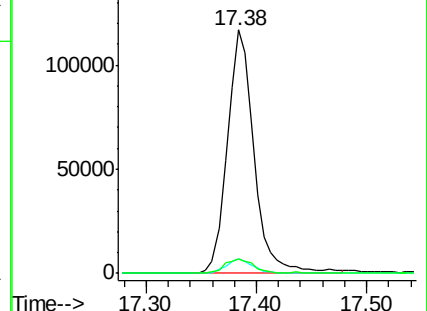
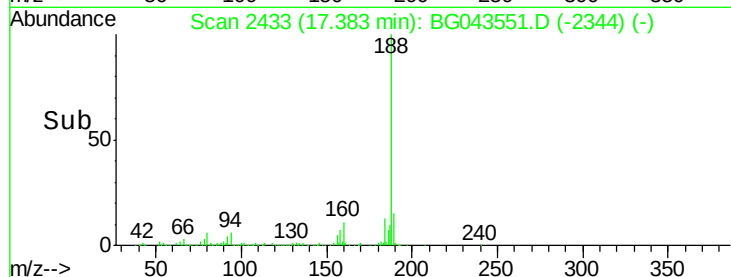
80 6.1 4.5 6.7



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



#67

4-Bromophenyl-phenylether

Concen: 6.021 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.44 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

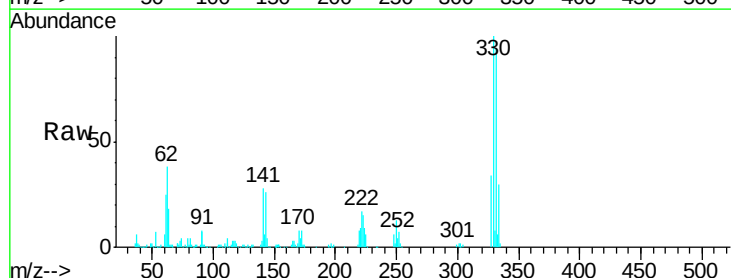
Tgt Ion:248 Resp: 16075

Ion Ratio Lower Upper

248 100

250 208.7 77.0 115.4#

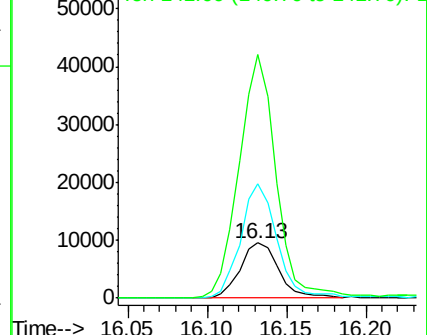
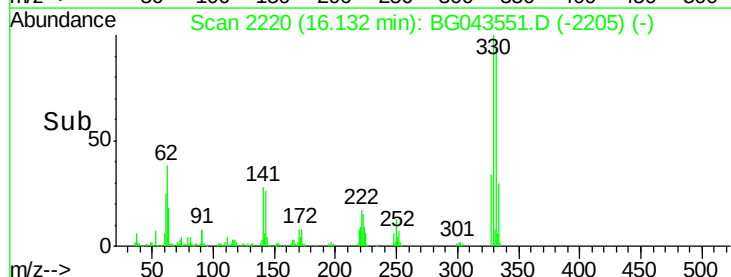
141 442.7 47.5 71.3#

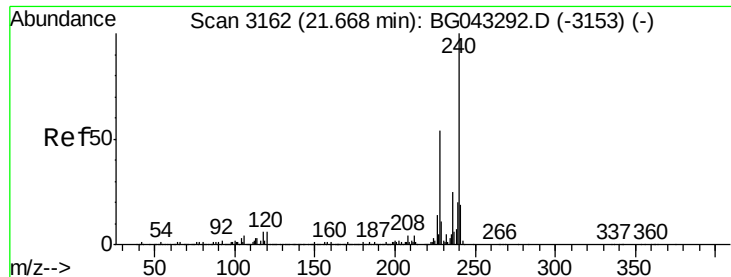


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

10-C

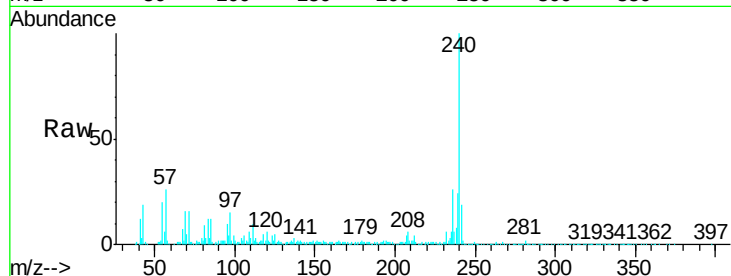
Tgt Ion:240 Resp: 210326

Ion Ratio Lower Upper

240 100

120 5.9 4.6 6.8

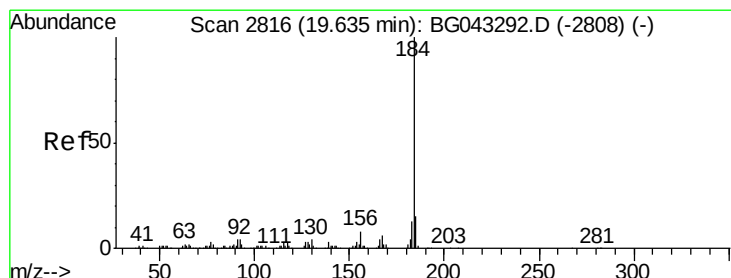
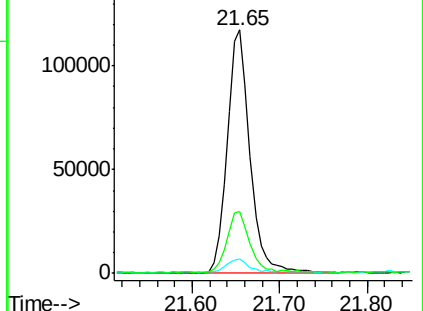
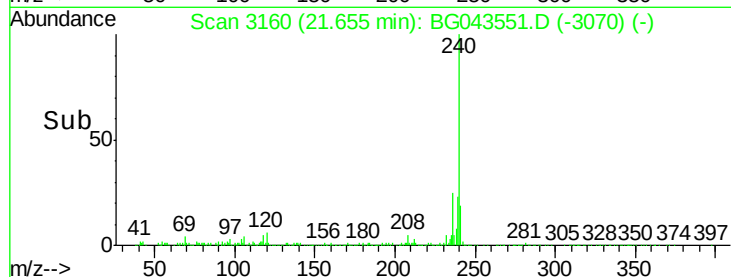
236 25.6 19.8 29.8



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: 4.335 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.37 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

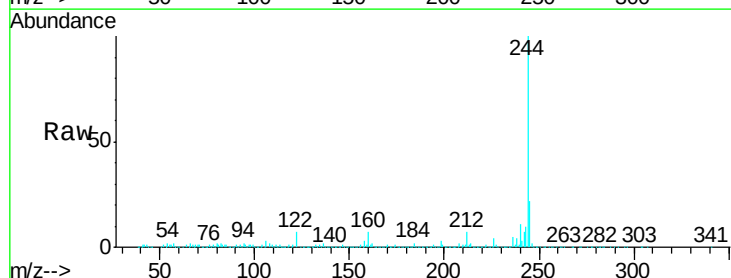
Tgt Ion:184 Resp: 18348

Ion Ratio Lower Upper

184 100

185 16.6 11.0 16.4#

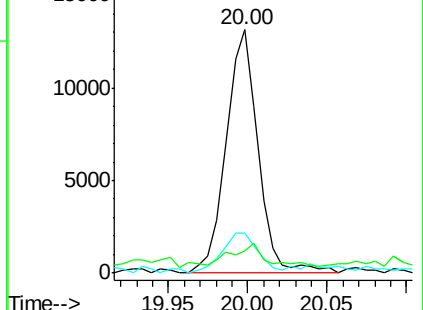
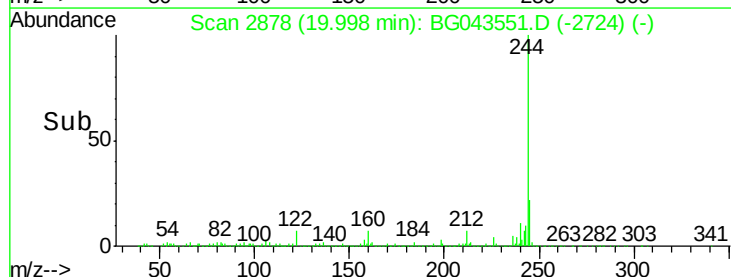
183 8.9 10.0 15.0#

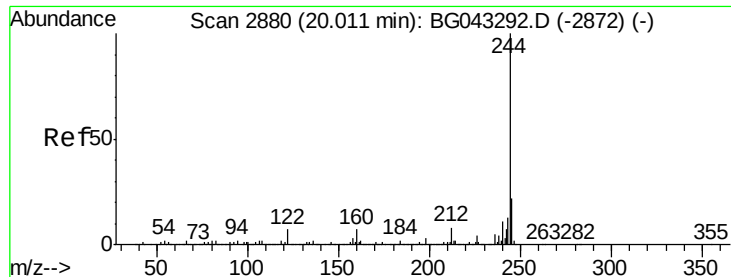


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 102.609 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

Instrument :

BNA_G

ClientSampleId :

10-C

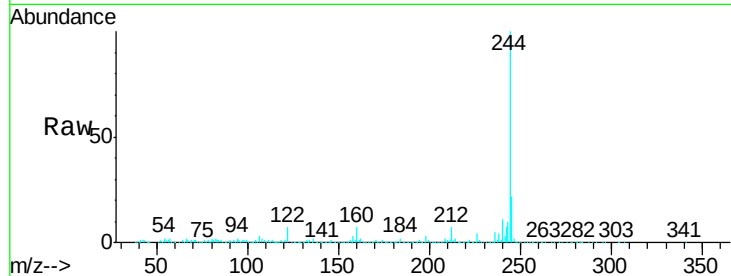
Tgt Ion:244 Resp: 1150353

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

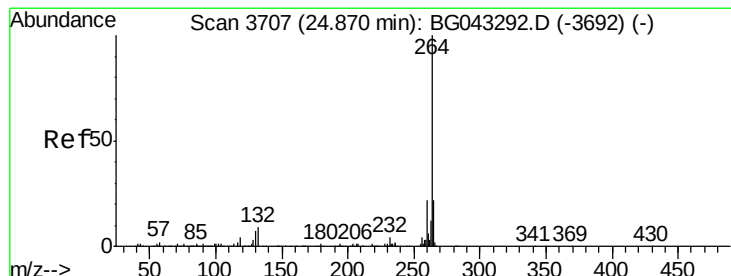
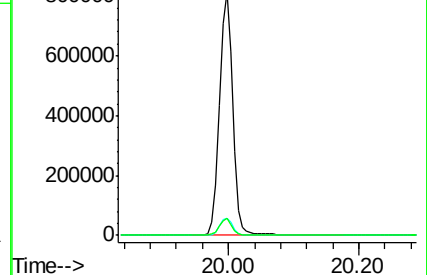
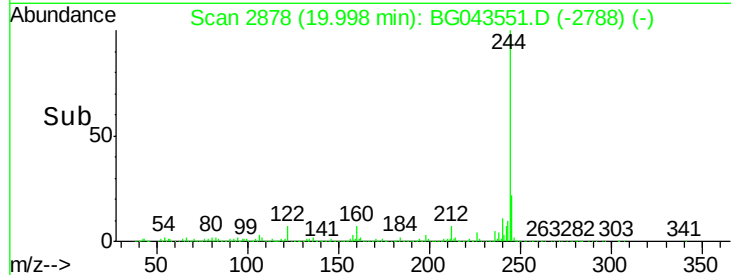
122 7.1 5.4 8.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043551.D

Acq: 7 Nov 2019 22:44

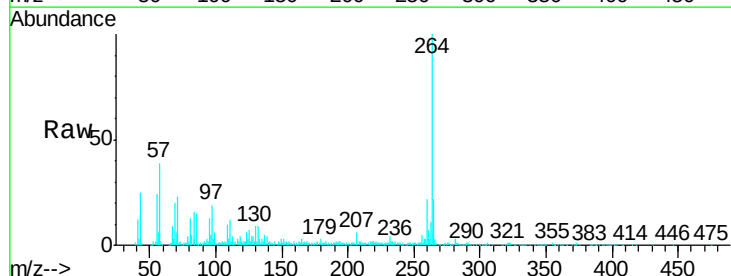
Tgt Ion:264 Resp: 249709

Ion Ratio Lower Upper

264 100

260 21.8 17.5 26.3

265 21.7 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

