

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043543.D
 Acq On : 7 Nov 2019 17:34
 Operator : JU
 Sample : K5710-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-D

Quant Time: Nov 08 04:16:10 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

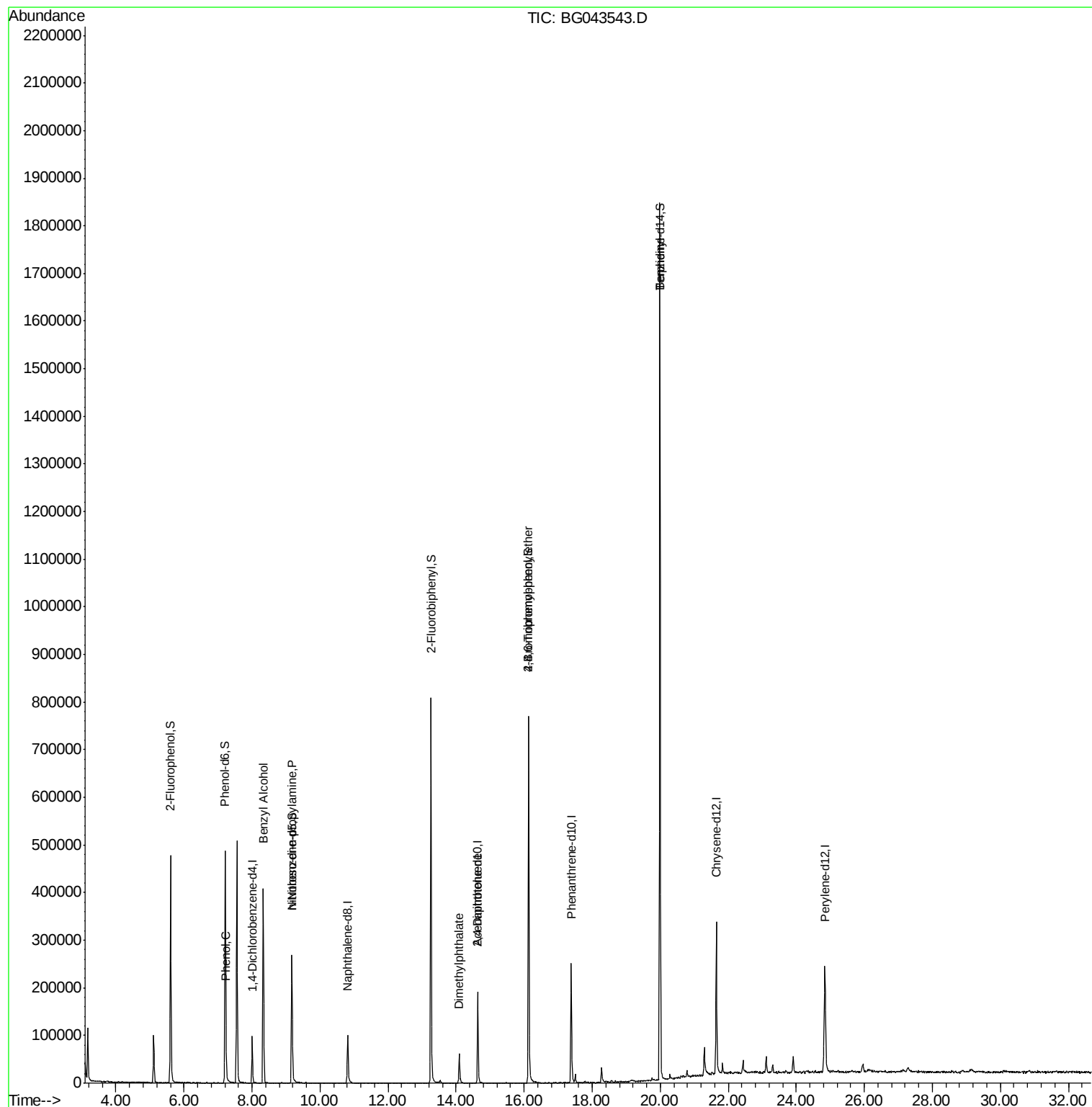
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29891	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	101326	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	77970	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	195897	20.00	ng	0.00
76) Chrysene-d12	21.65	240	219164	20.00	ng	0.00
87) Perylene-d12	24.84	264	250316	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	224406	137.57	ng	0.01
7) Phenol-d6	7.21	99	311389	132.68	ng	0.01
23) Nitrobenzene-d5	9.17	82	183373	93.30	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	187551	126.40	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	476632	84.47	ng	0.00
79) Terphenyl-d14	19.99	244	1012872	86.70	ng	0.00
Target Compounds						
10) Phenol	7.24	94	7832	3.652	ng	85
15) Benzyl Alcohol	8.33	79	3559	2.159	ng	# 47
19) n-Nitroso-di-n-propylamine	9.17	70	26240	17.303	ng	# 75
50) Dimethylphthalate	14.09	163	54581	9.038	ng	97
57) 2,4-Dinitrotoluene	14.63	165	10297	5.492	ng	# 25
67) 4-Bromophenyl-phenylether	16.13	248	12437	4.718	ng	# 1
77) Benzidine	20.00	184	14148	3.208	ng	# 78

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

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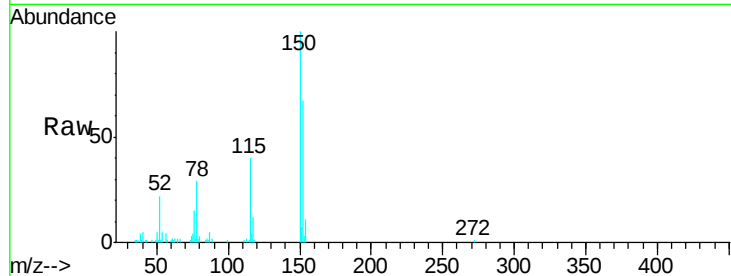


#1

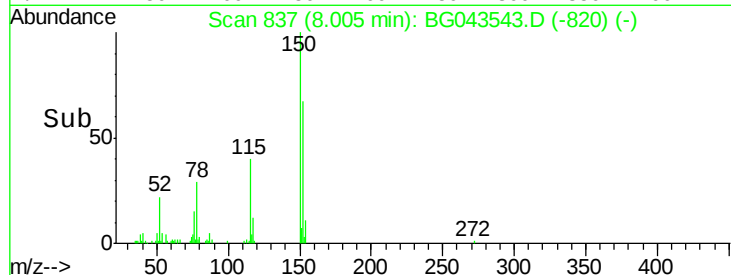
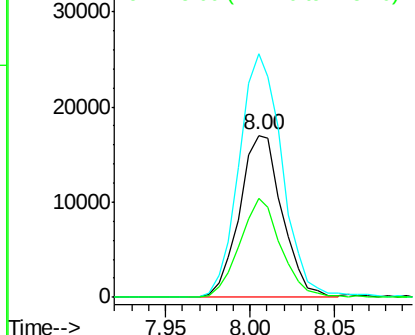
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043543.D
Acq: 7 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
TP- 32-D

Tgt Ion:152 Resp: 29891
Ion Ratio Lower Upper
152 100
150 150.1 129.4 194.0
115 60.7 48.8 73.2



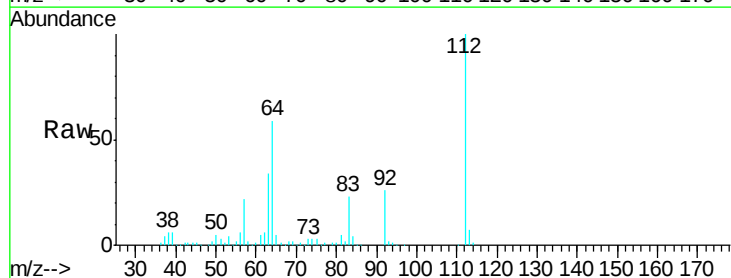
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



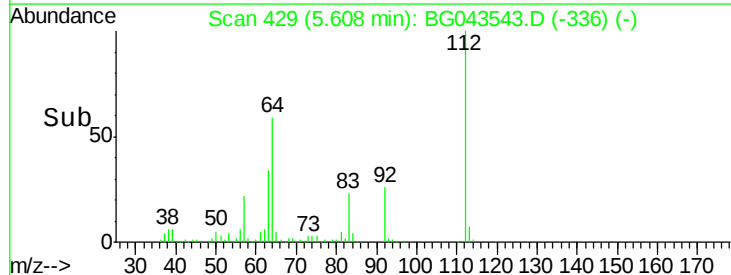
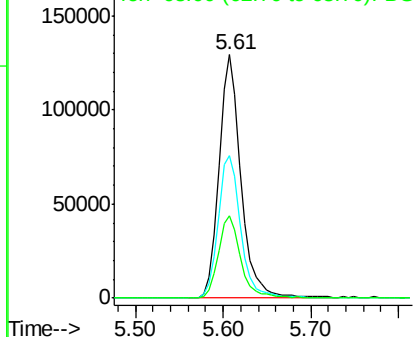
#5

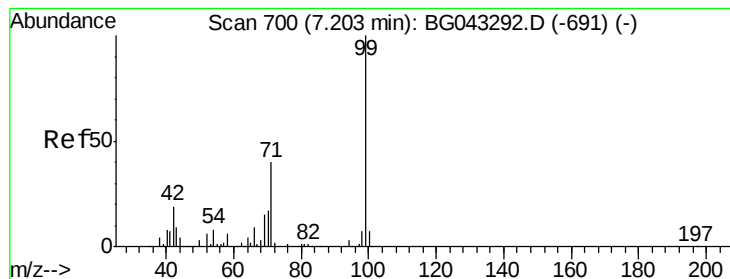
2-Fluorophenol
Concen: 137.571 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043543.D
Acq: 7 Nov 2019 17:34

Tgt Ion:112 Resp: 224406
Ion Ratio Lower Upper
112 100
64 58.5 50.0 75.0
63 34.0 26.6 40.0



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: 132.680 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043543.D

Acq: 7 Nov 2019 17:34

Instrument :

BNA_G

ClientSampled :

TP- 32-D

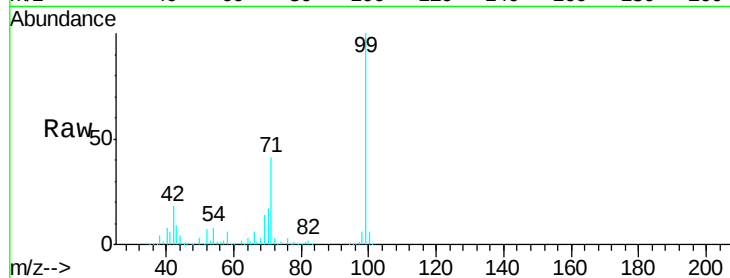
Tgt Ion: 99 Resp: 311389

Ion Ratio Lower Upper

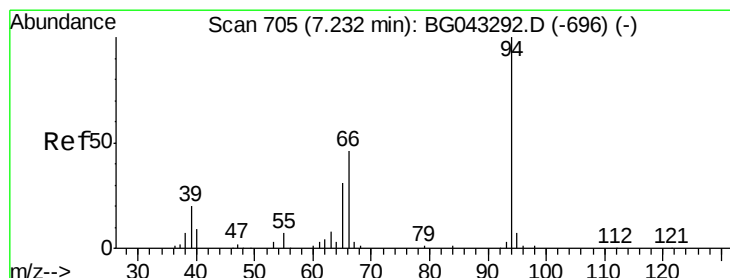
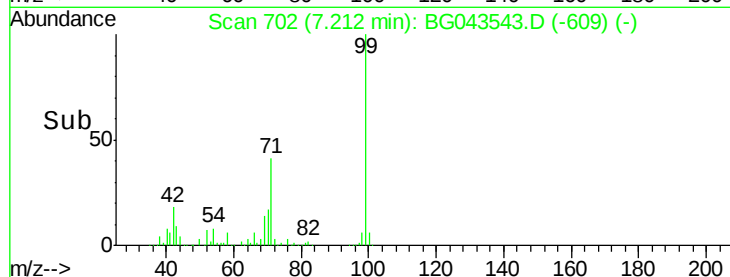
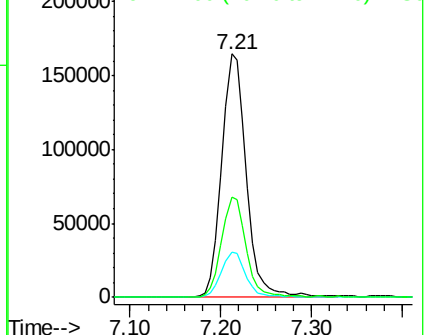
99 100

42 18.5 14.6 21.8

71 40.9 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: 3.652 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043543.D

Acq: 7 Nov 2019 17:34

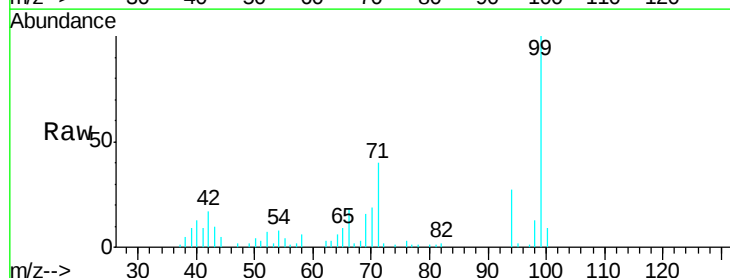
Tgt Ion: 94 Resp: 7832

Ion Ratio Lower Upper

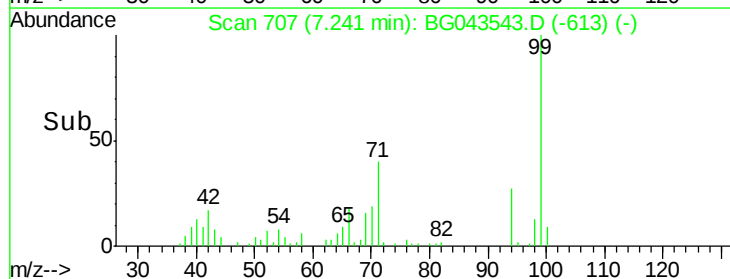
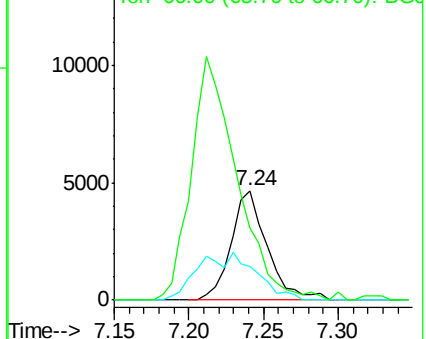
94 100

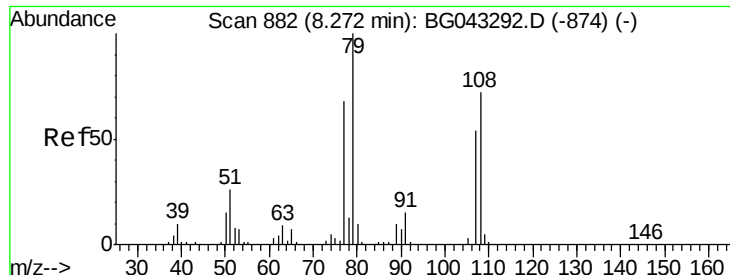
65 31.2 12.6 52.6

66 66.2 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: 2.159 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.08 min

Lab File: BG043543.D

Acq: 7 Nov 2019 17:34

Instrument :

BNA_G

ClientSampleId :

TP- 32-D

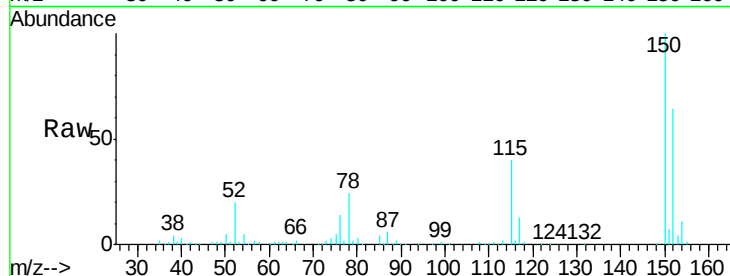
Tgt Ion: 79 Resp: 3559

Ion Ratio Lower Upper

79 100

108 43.7 53.6 80.4#

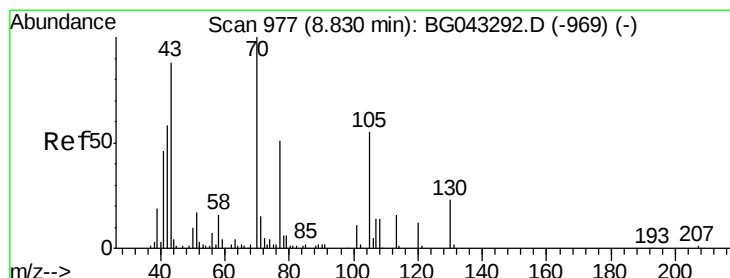
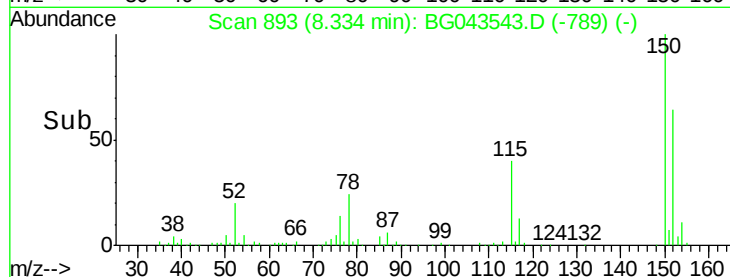
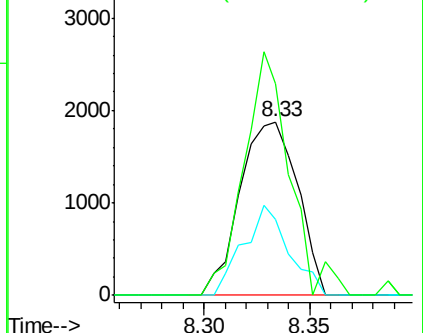
77 122.2 49.6 74.4#



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: 17.303 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG043543.D

Acq: 7 Nov 2019 17:34

Tgt Ion: 70 Resp: 26240

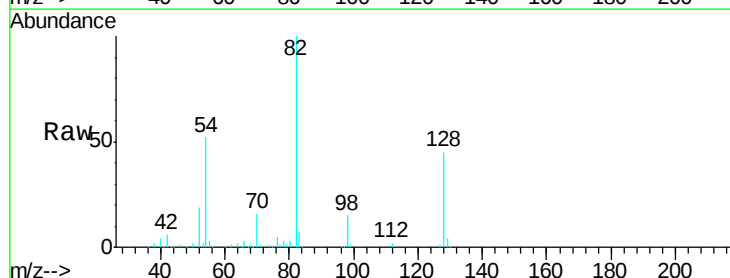
Ion Ratio Lower Upper

70 100

42 40.9 41.4 62.2#

101 0.0 7.9 11.9#

130 2.3 19.0 28.4#

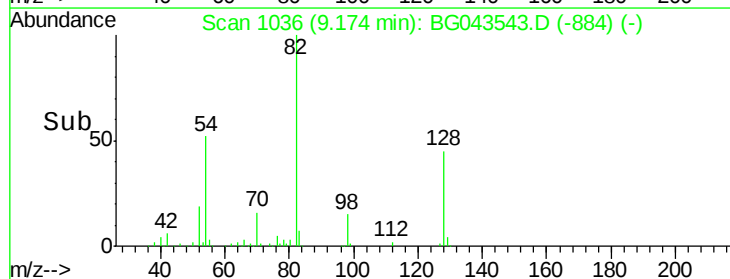
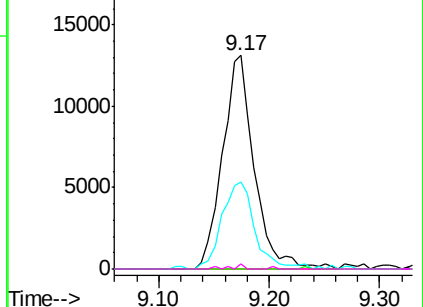


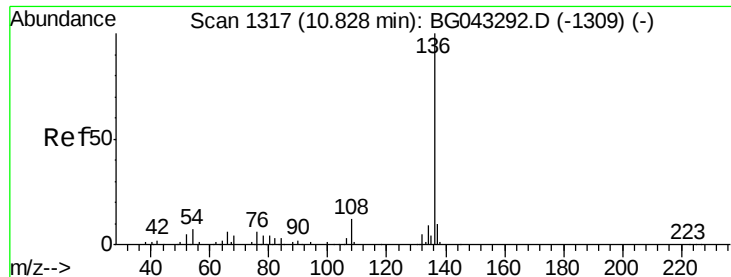
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

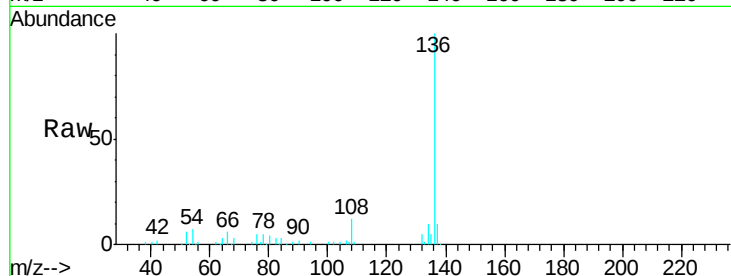




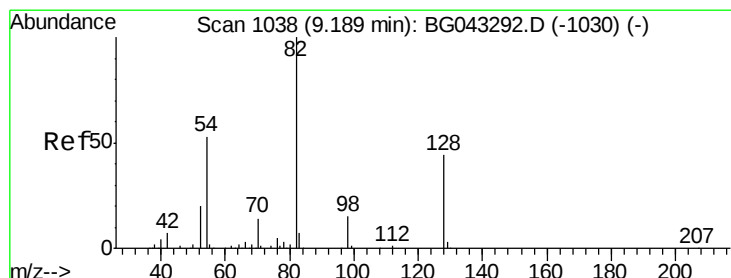
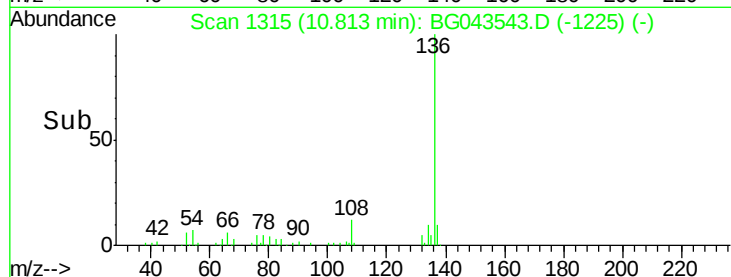
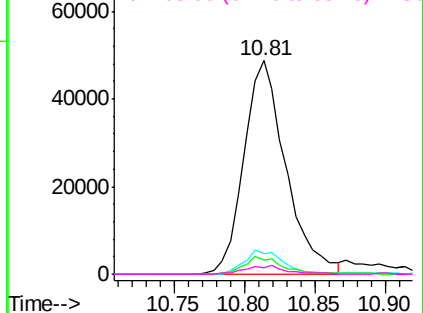
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043543.D
Acq: 7 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
TP- 32-D

Tgt Ion:	136	Resp:	101326
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.7	13.1
54	6.7	5.4	8.2
68	3.0	3.0	4.4

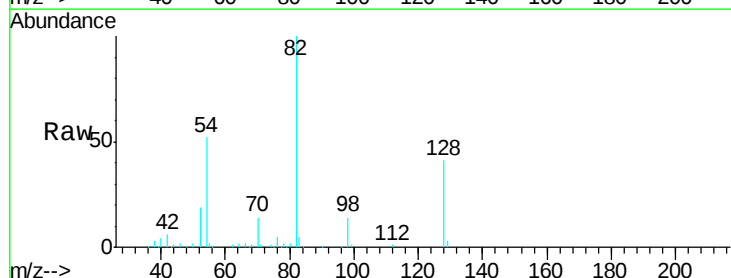


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

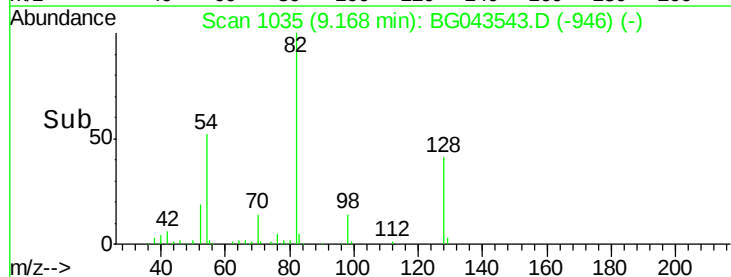
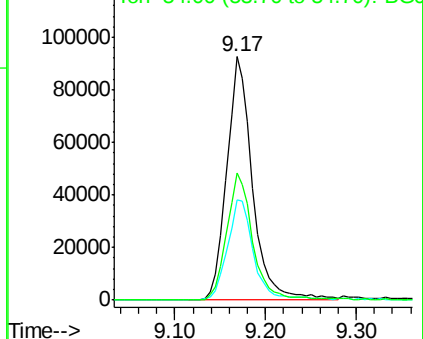


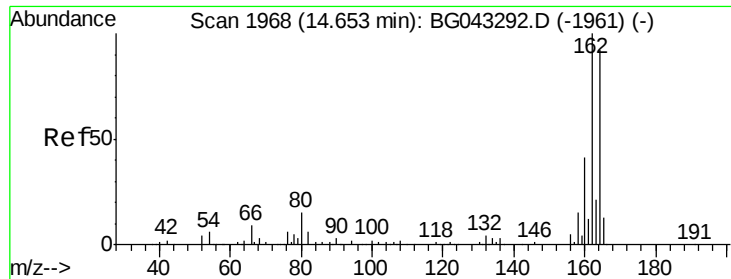
#23
Nitrobenzene-d5
Concen: 93.300 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043543.D
Acq: 7 Nov 2019 17:34

Tgt Ion:	82	Resp:	183373
Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.0	52.6
54	52.5	40.2	60.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043543.D

Acq: 7 Nov 2019 17:34

Instrument :

BNA_G

ClientSampleId :

TP- 32-D

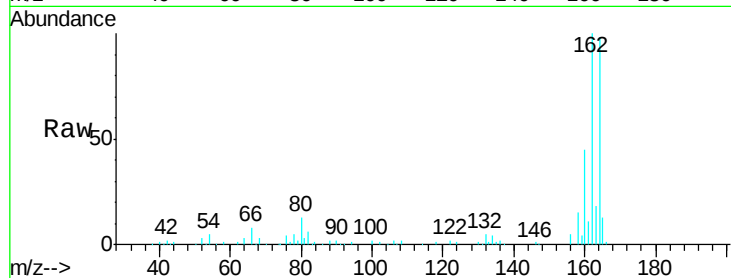
Tgt Ion:164 Resp: 77970

Ion Ratio Lower Upper

164 100

162 101.8 83.5 125.3

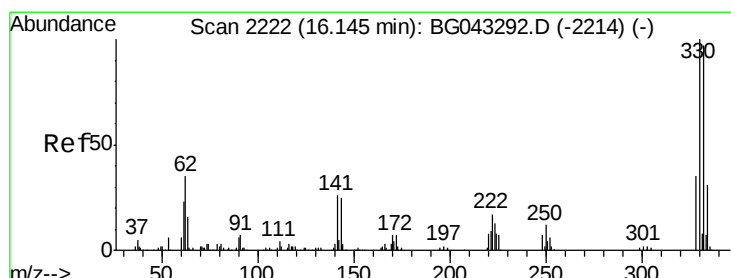
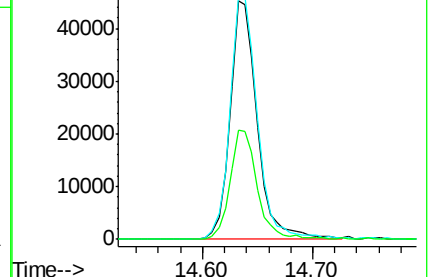
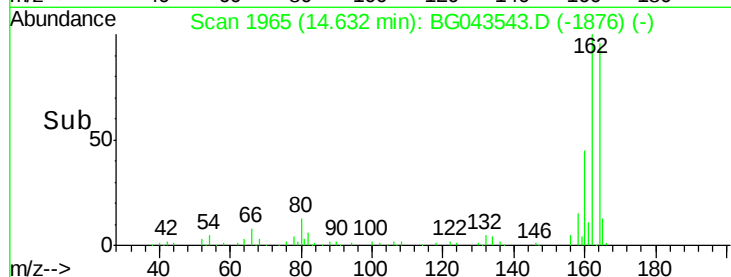
160 45.6 36.5 54.7



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



#42

2,4,6-Tribromophenol

Concen: 126.402 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043543.D

Acq: 7 Nov 2019 17:34

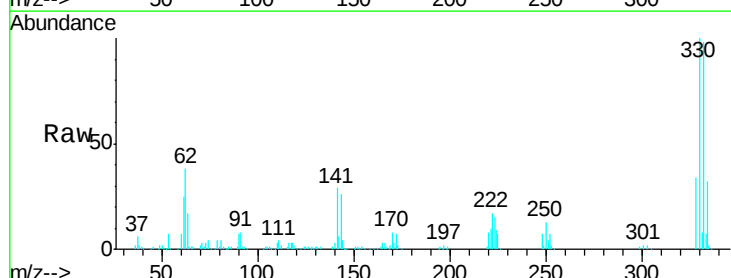
Tgt Ion:330 Resp: 187551

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

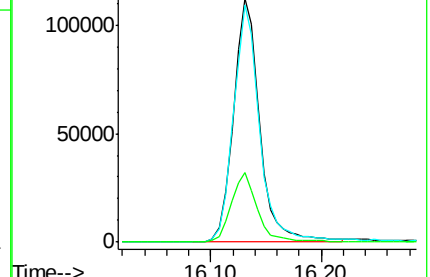
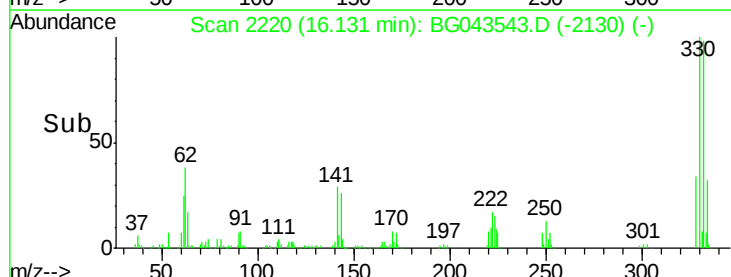
141 28.8 22.8 34.2

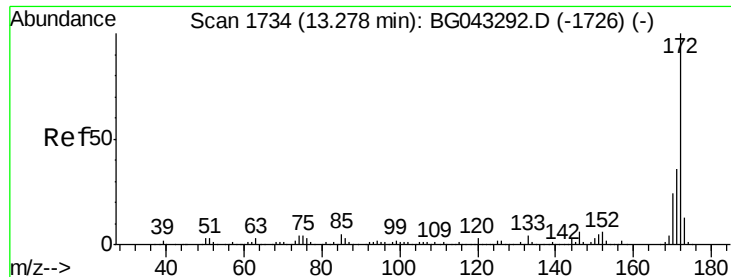


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

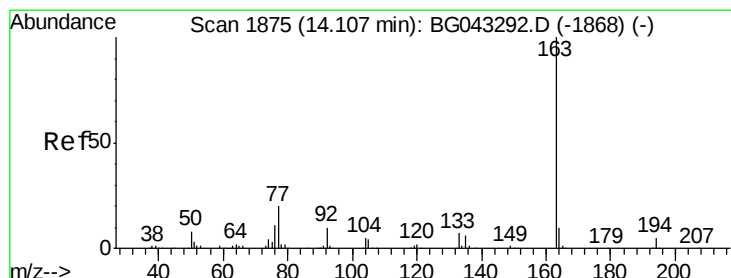
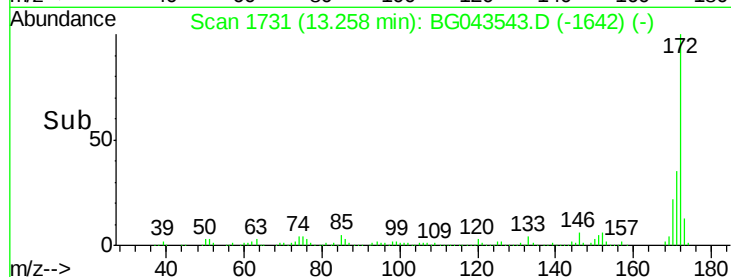
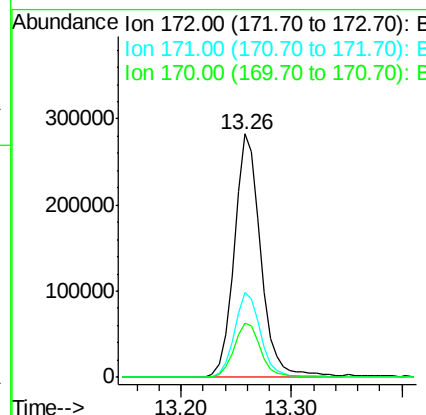
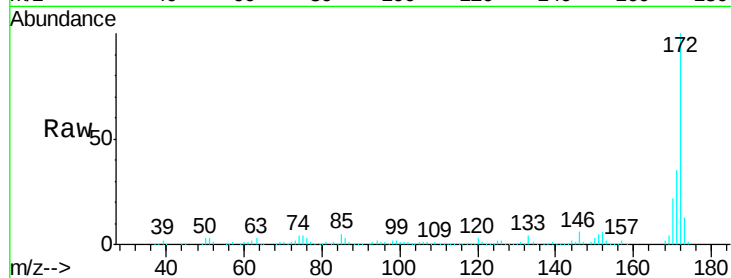




#45
2-Fluorobiphenyl
Concen: 84.470 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043543.D
Acq: 7 Nov 2019 17:34

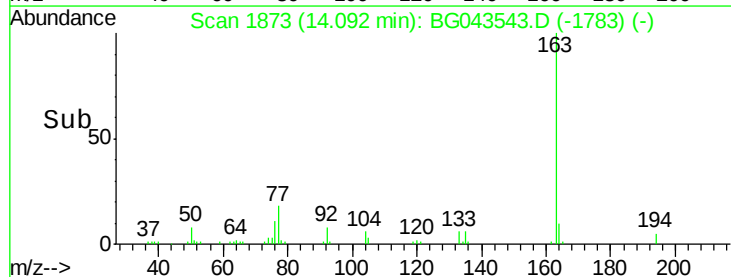
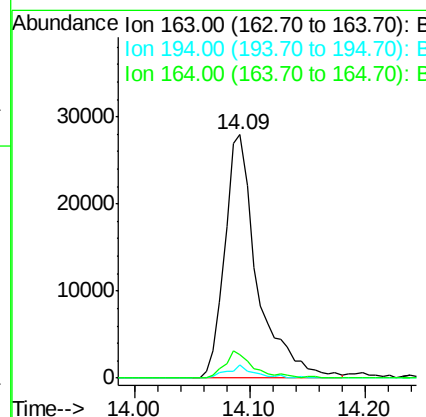
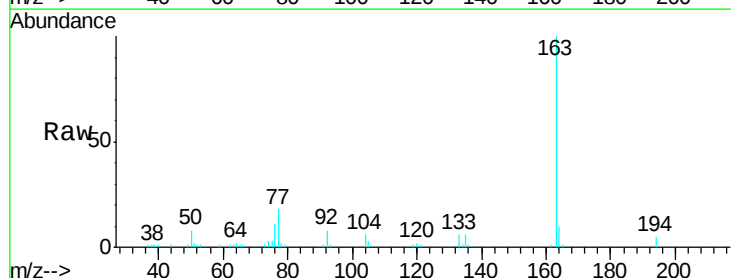
Instrument :
BNA_G
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TP- 32-D

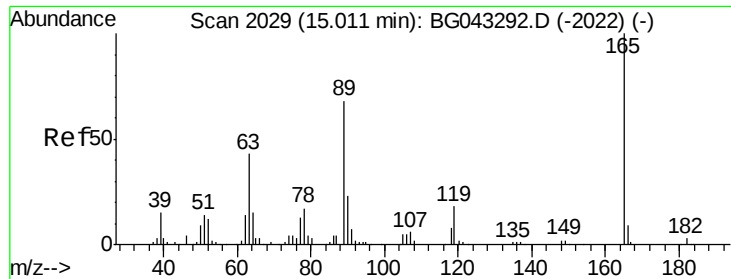
Tgt Ion:172 Resp: 476632
Ion Ratio Lower Upper
172 100
171 35.0 28.9 43.3
170 22.5 18.5 27.7



#50
Dimethylphthalate
Concen: 9.038 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043543.D
Acq: 7 Nov 2019 17:34

Tgt Ion:163 Resp: 54581
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.6
164 9.6 8.9 13.3

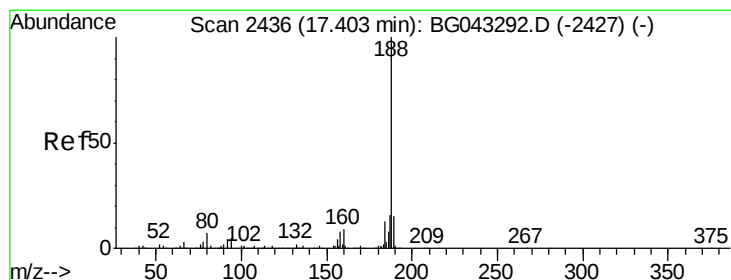
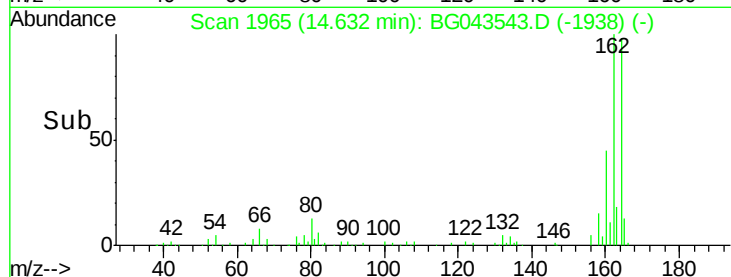
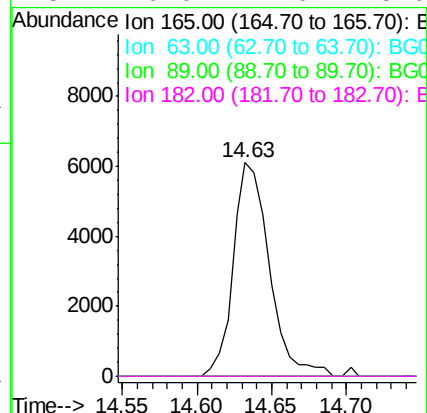
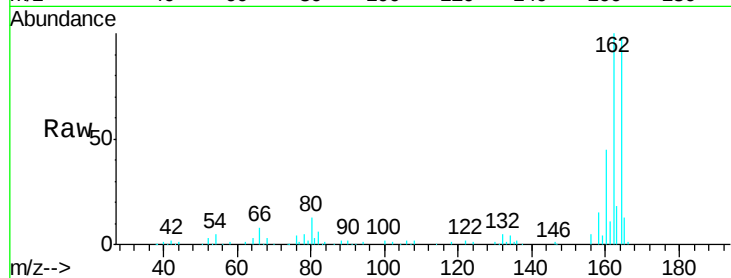




#57
 2,4-Dinitrotoluene
 Concen: 5.492 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.37 min
 Lab File: BG043543.D
 Acq: 7 Nov 2019 17:34

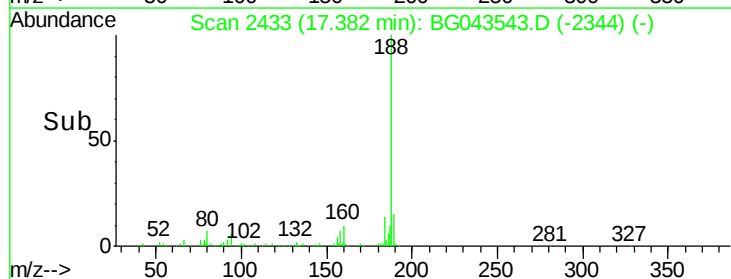
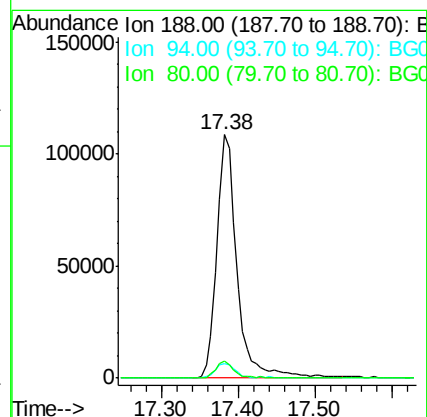
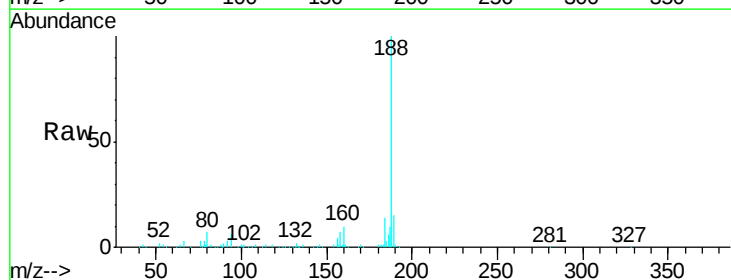
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-D

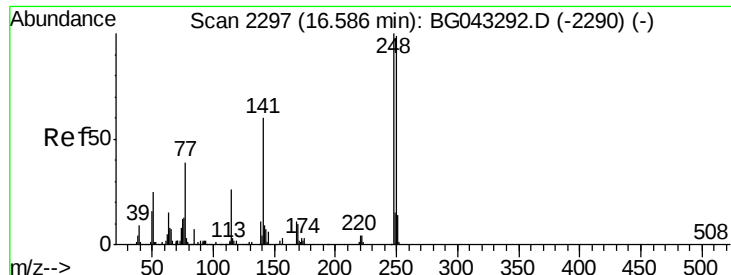
Tgt Ion:	165	Resp:	10297
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.2	49.8#
89	0.0	52.2	78.4#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG043543.D
 Acq: 7 Nov 2019 17:34

Tgt Ion:	188	Resp:	195897
Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.4
80	7.2	4.5	6.7#

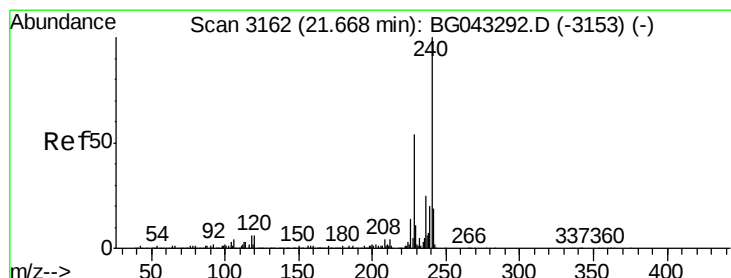
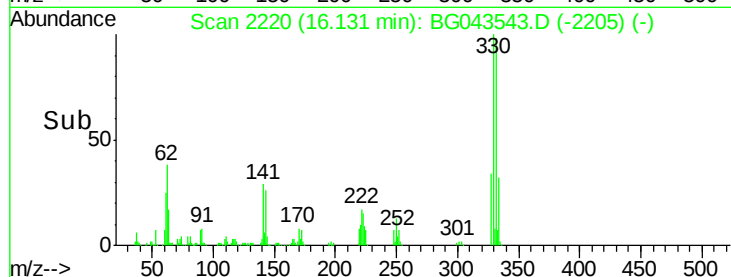
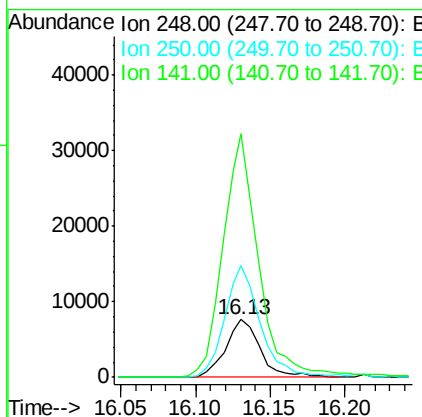
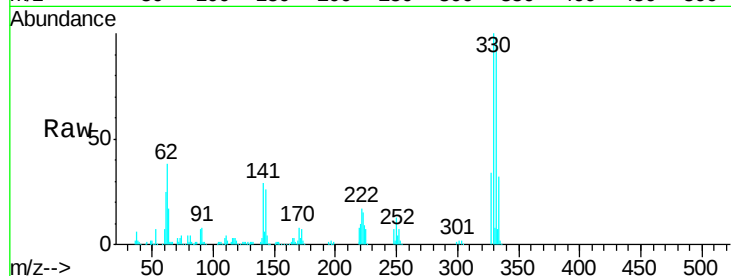




#67
 4-Bromophenyl-phenylether
 Concen: 4.718 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.44 min
 Lab File: BG043543.D
 Acq: 7 Nov 2019 17:34

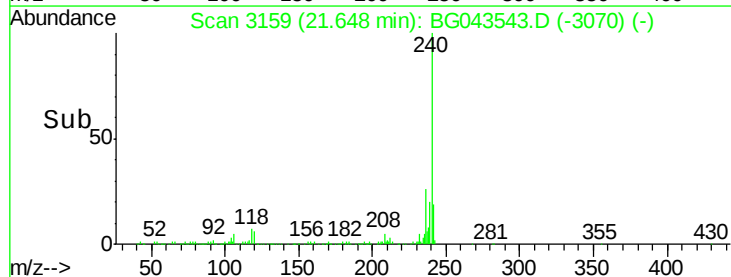
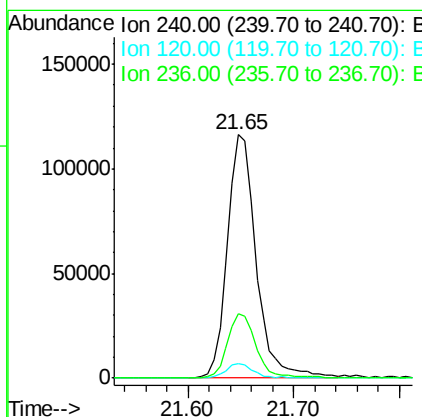
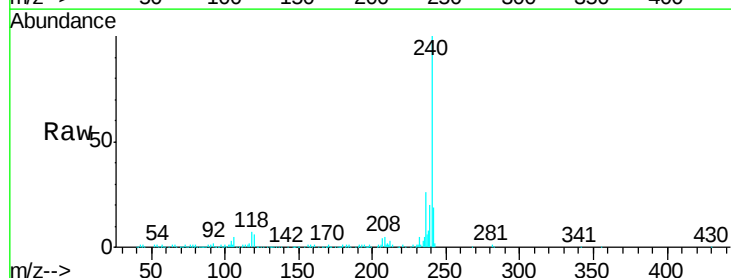
Instrument :
 BNA_G
 ClientSampleId :
 TP- 32-D

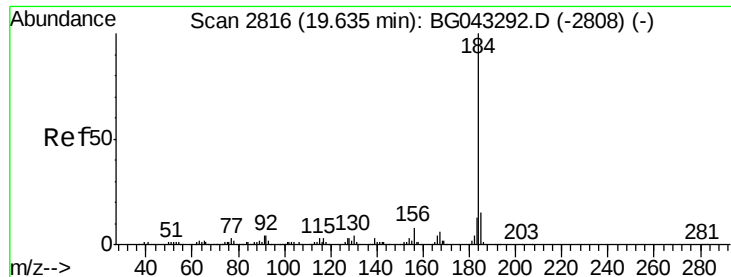
Tgt Ion:248 Resp: 12437
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.0 115.4#
 141 420.1 47.5 71.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG043543.D
 Acq: 7 Nov 2019 17:34

Tgt Ion:240 Resp: 219164
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.6 6.8
 236 26.4 19.8 29.8





#77

Benzidine

Concen: 3.208 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.37 min

Lab File: BG043543.D

Acq: 7 Nov 2019 17:34

Instrument :

BNA_G

ClientSampleId :

TP- 32-D

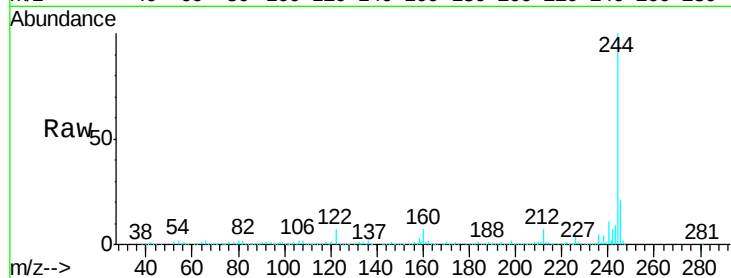
Tgt Ion:184 Resp: 14148

Ion Ratio Lower Upper

184 100

185 18.6 11.0 16.4#

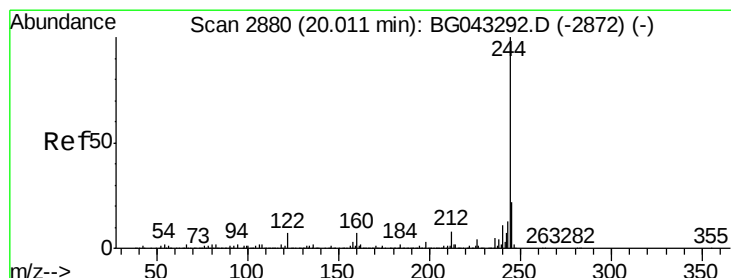
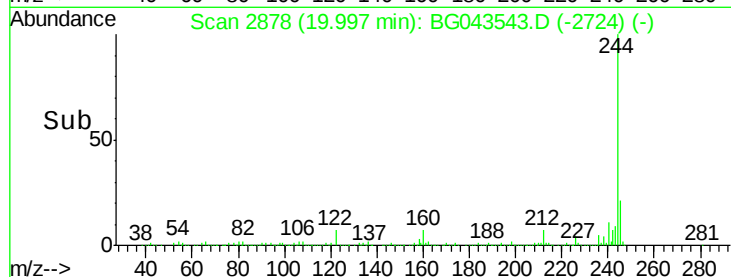
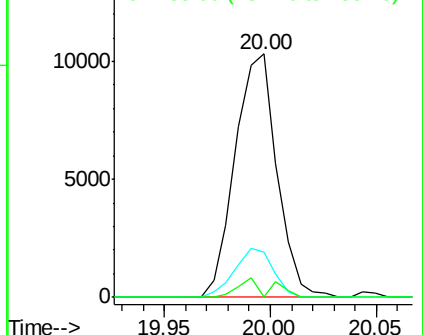
183 0.0 10.0 15.0#



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: 86.702 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043543.D

Acq: 7 Nov 2019 17:34

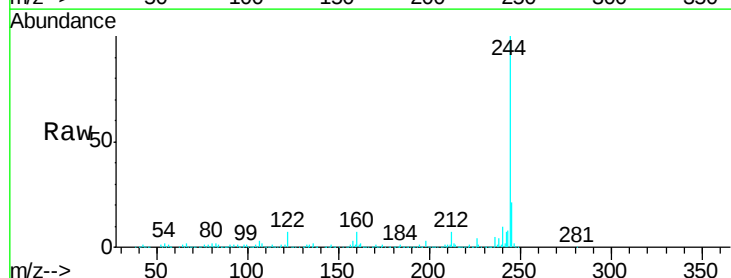
Tgt Ion:244 Resp: 1012872

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

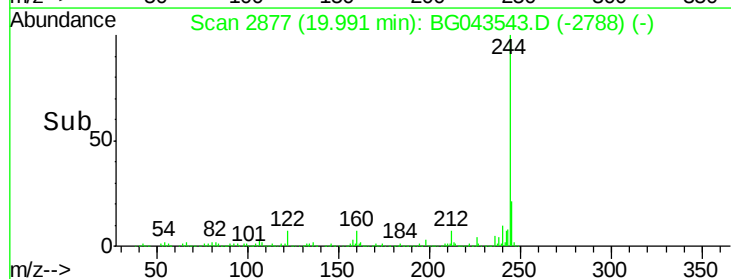
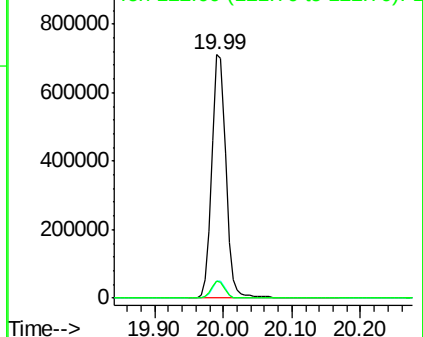
122 7.0 5.4 8.2

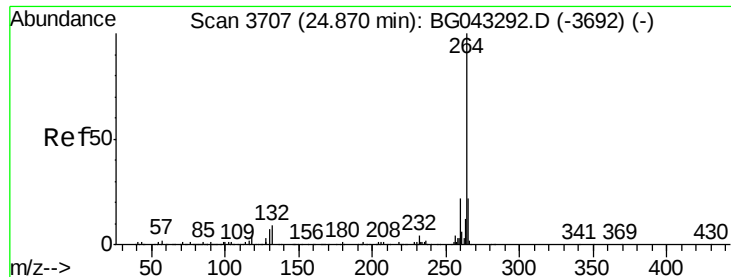


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG043543.D
Acq: 7 Nov 2019 17:34

Instrument :
BNA_G
ClientSampleId :
TP- 32-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.5	26.3
265	21.5	17.4	26.0

