

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
 Data File : BG043553.D
 Acq On : 8 Nov 2019 00:01
 Operator : JU
 Sample : K5702-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H-1

Quant Time: Nov 08 04:19:24 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

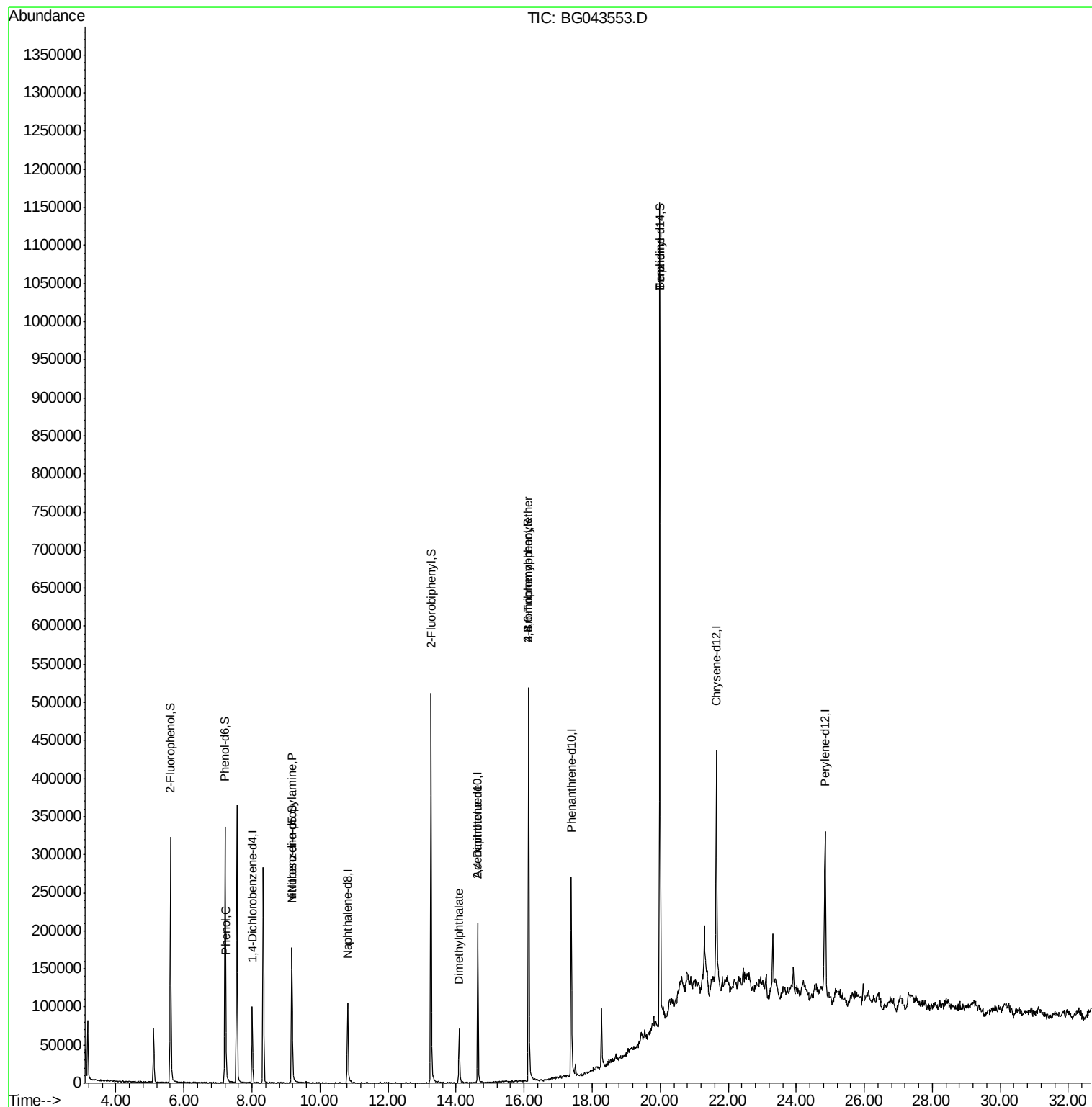
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30210	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	112934	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	82837	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	199459	20.00	ng	0.00
76) Chrysene-d12	21.65	240	215379	20.00	ng	0.00
87) Perylene-d12	24.85	264	254637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	157839	95.74	ng	0.01
7) Phenol-d6	7.21	99	223159	94.08	ng	0.02
23) Nitrobenzene-d5	9.18	82	130098	59.39	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	130026	82.48	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	320514	53.46	ng	0.00
79) Terphenyl-d14	20.00	244	614180	53.50	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6892	3.180	ng	# 74
19) n-Nitroso-di-n-propylamine	9.17	70	18694	12.197	ng	# 72
50) Dimethylphthalate	14.09	163	59541	9.280	ng	98
57) 2,4-Dinitrotoluene	14.63	165	11422	5.734	ng	# 27
67) 4-Bromophenyl-phenylether	16.13	248	9068	3.378	ng	# 1
77) Benzidine	20.00	184	8837	2.039	ng	96

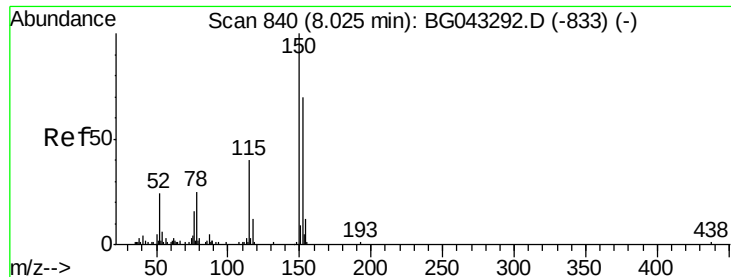
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
Data File : BG043553.D
Acq On : 8 Nov 2019 00:01
Operator : JU
Sample : K5702-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H-1

Quant Time: Nov 08 04:19:24 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



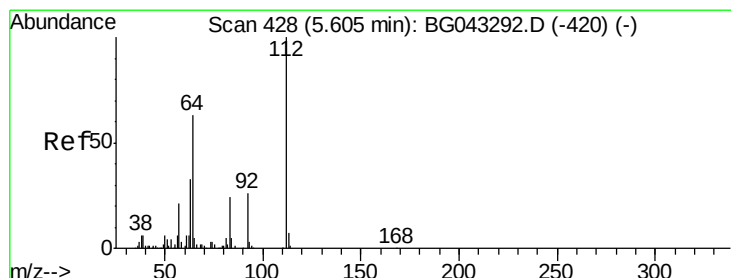
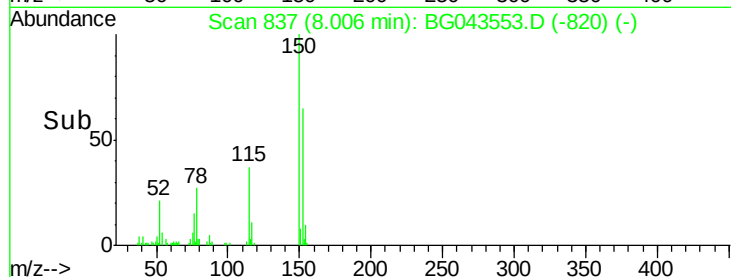
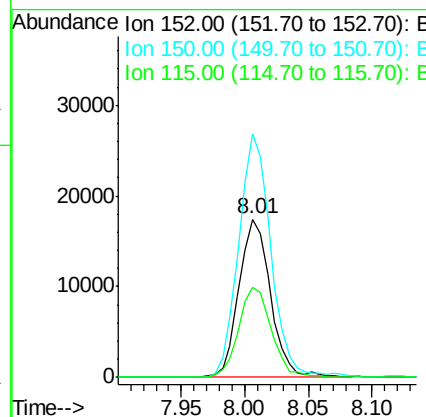
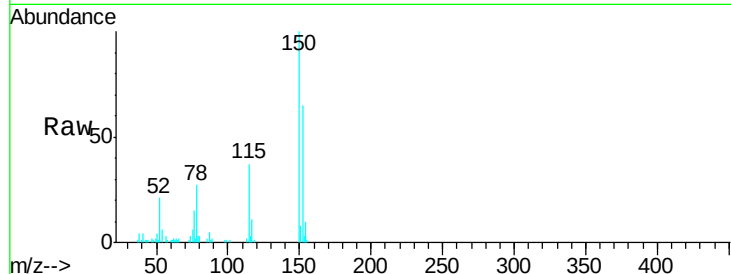


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043553.D
Acq: 8 Nov 2019 00:01

Instrument :
BNA_G
ClientSampleId :
H-1

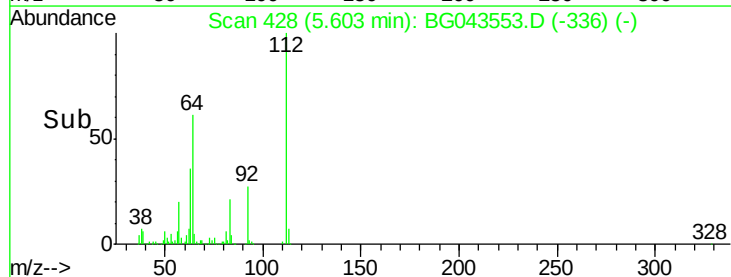
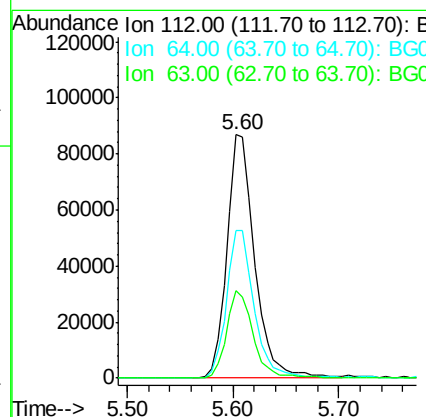
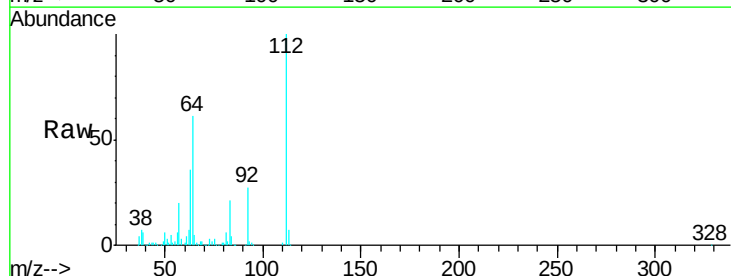
Tgt Ion:152 Resp: 30210
Ion Ratio Lower Upper
152 100
150 153.9 129.4 194.0
115 57.0 48.8 73.2

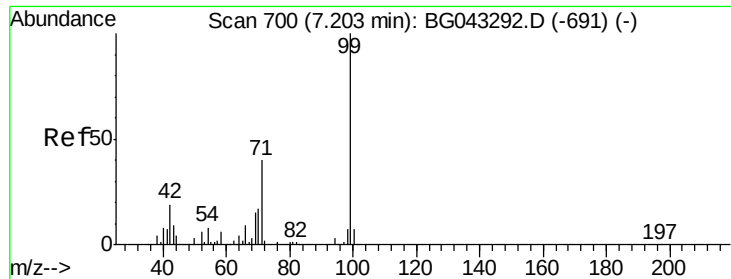


#5

2-Fluorophenol
Concen: 95.740 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043553.D
Acq: 8 Nov 2019 00:01

Tgt Ion:112 Resp: 157839
Ion Ratio Lower Upper
112 100
64 60.9 50.0 75.0
63 35.8 26.6 40.0





#7

Phenol-d6

Concen: 94.082 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

Instrument :

BNA_G

ClientSampleId :

H-1

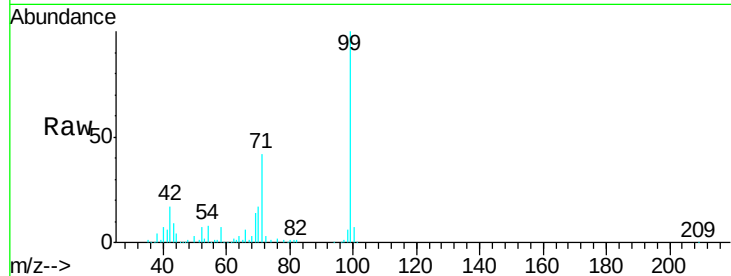
Tgt Ion: 99 Resp: 223159

Ion Ratio Lower Upper

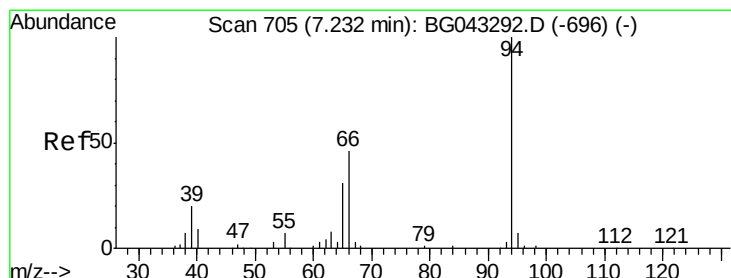
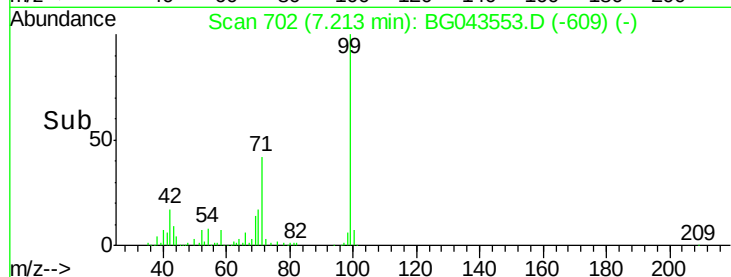
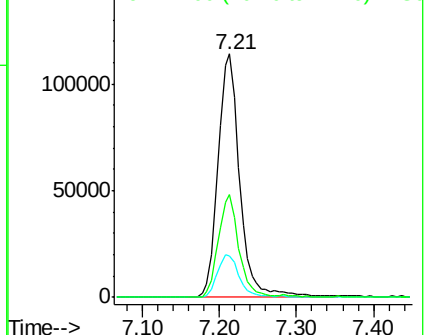
99 100

42 16.9 14.6 21.8

71 42.0 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: 3.180 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.02 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

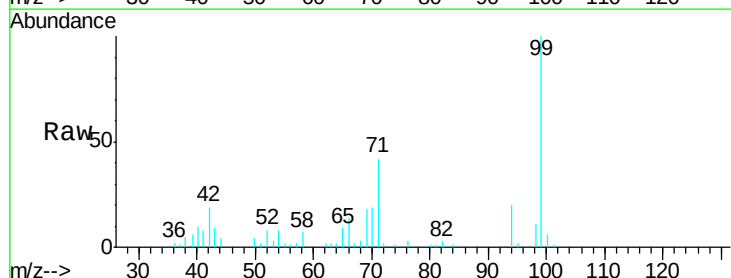
Tgt Ion: 94 Resp: 6892

Ion Ratio Lower Upper

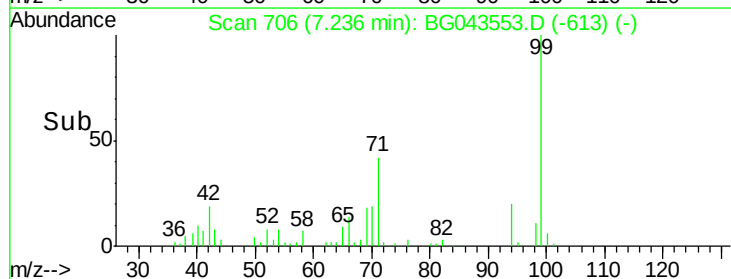
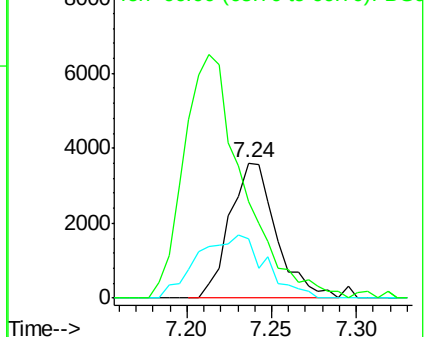
94 100

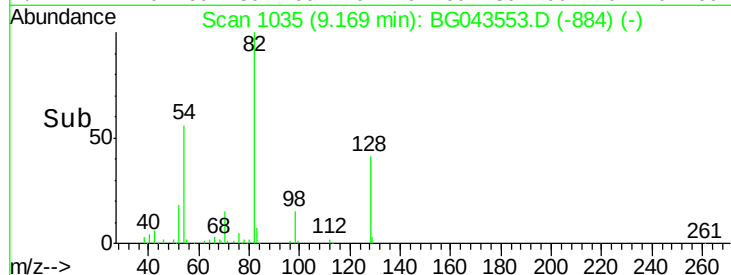
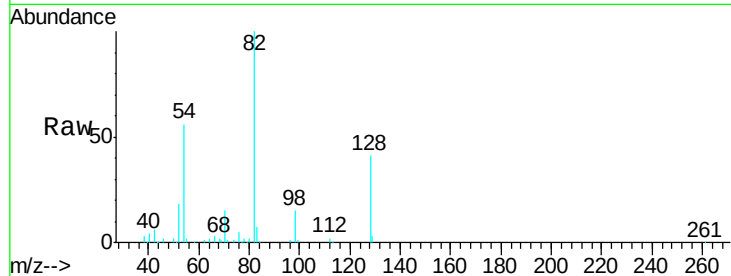
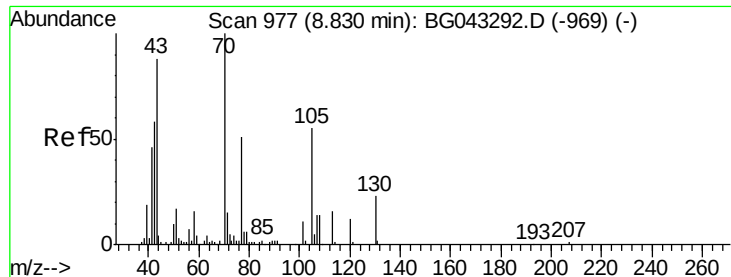
65 44.2 12.6 52.6

66 71.0 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

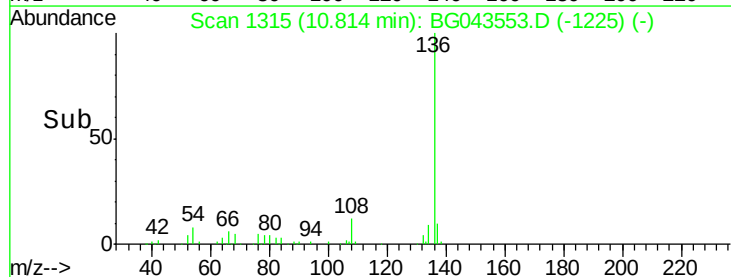
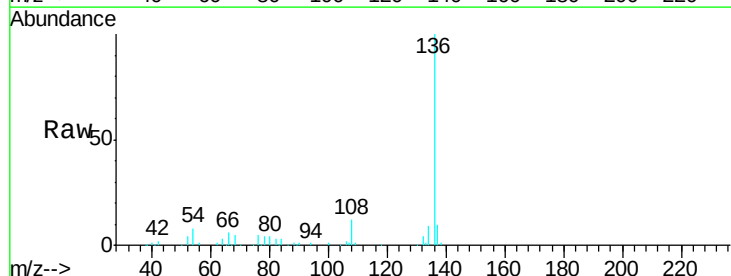
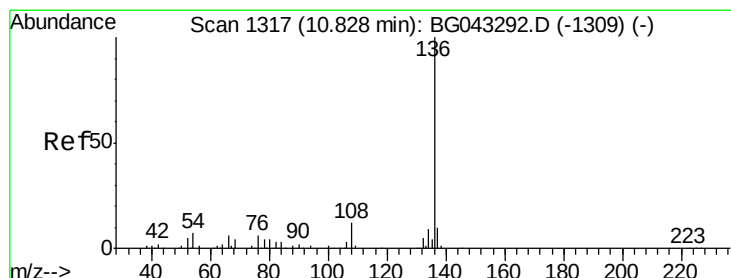
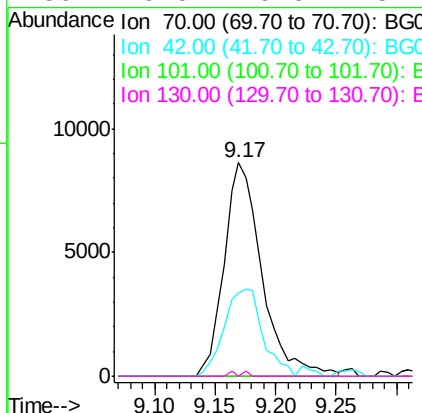




#19
n-Nitroso-di-n-propylamine
Concen: 12.197 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.36 min
Lab File: BG043553.D
Acq: 8 Nov 2019 00:01

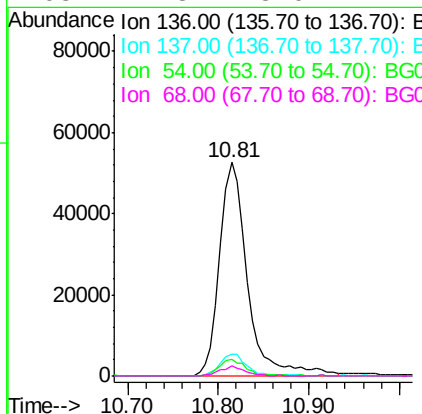
Instrument :
BNA_G
ClientSampleId :
H-1

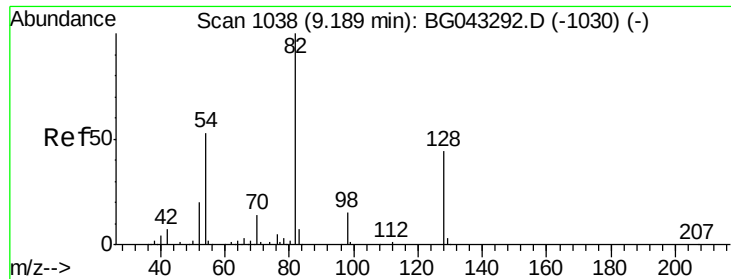
Tgt Ion: 70 Resp: 18694
Ion Ratio Lower Upper
70 100
42 38.9 41.4 62.2#
101 0.0 7.9 11.9#
130 0.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043553.D
Acq: 8 Nov 2019 00:01

Tgt Ion: 136 Resp: 112934
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.6 5.4 8.2
68 4.8 3.0 4.4#

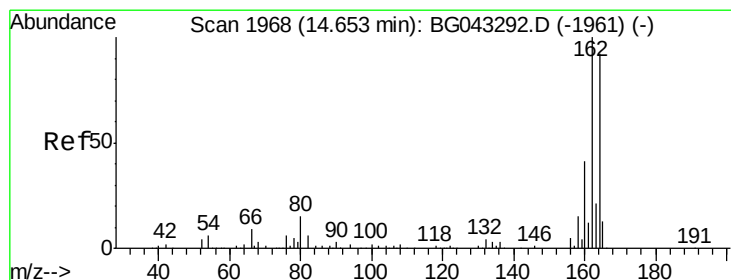
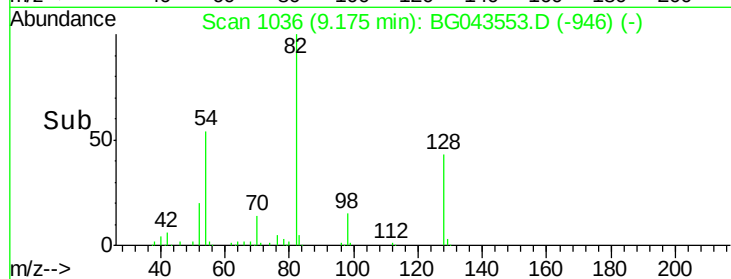
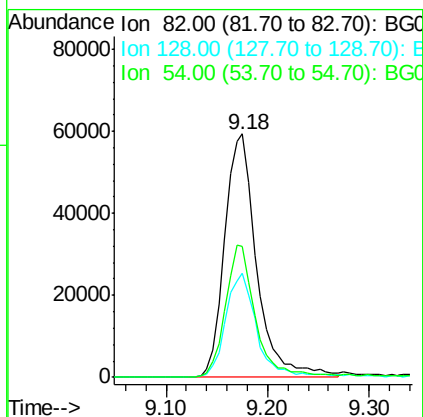
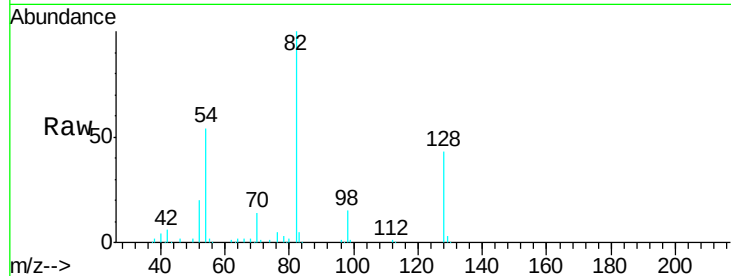




#23
 Nitrobenzene-d5
 Concen: 59.390 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043553.D
 Acq: 8 Nov 2019 00:01

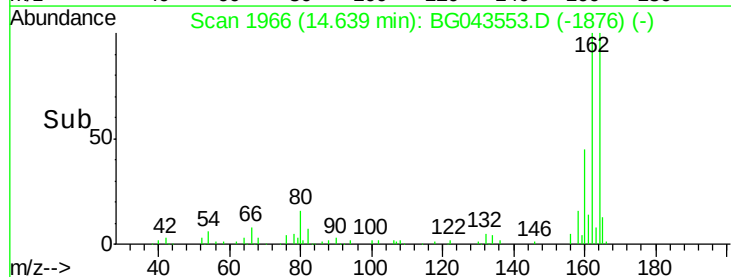
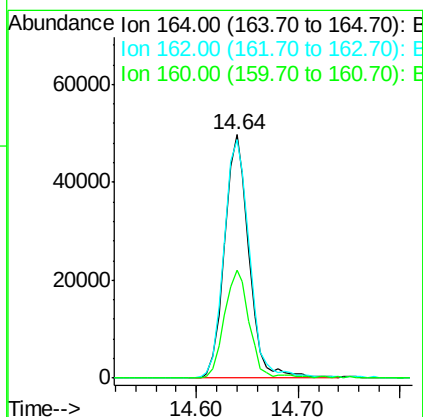
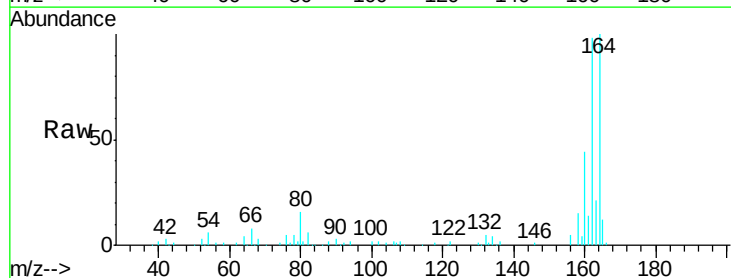
Instrument :
 BNA_G
 ClientSampleId :
 H-1

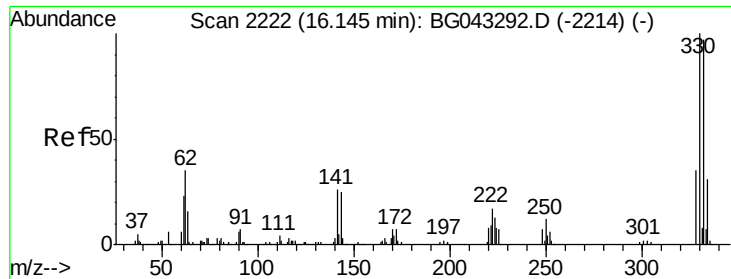
Tgt Ion: 82 Resp: 130098
 Ion Ratio Lower Upper
 82 100
 128 42.8 35.0 52.6
 54 53.7 40.2 60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG043553.D
 Acq: 8 Nov 2019 00:01

Tgt Ion: 164 Resp: 82837
 Ion Ratio Lower Upper
 164 100
 162 98.2 83.5 125.3
 160 44.2 36.5 54.7

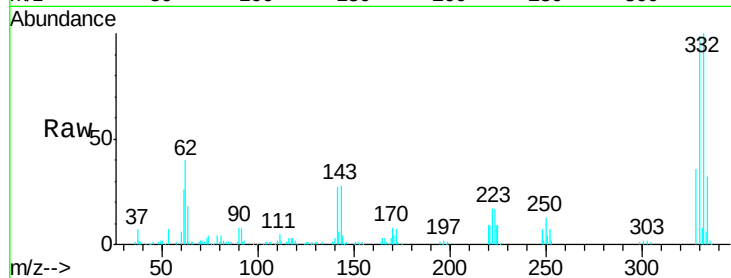




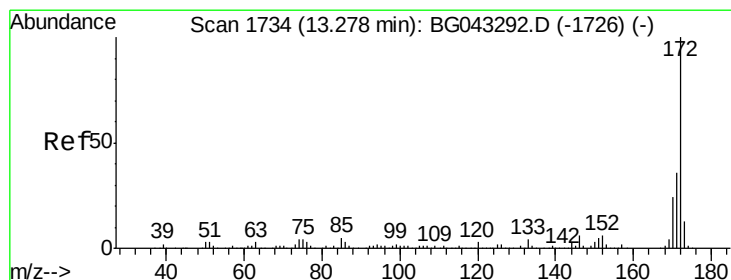
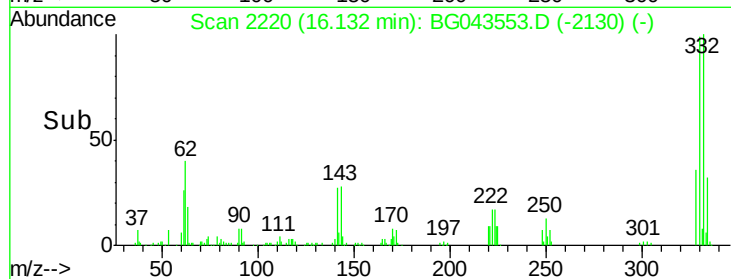
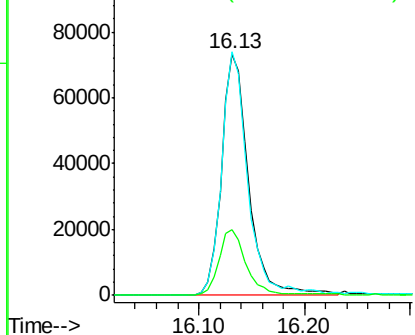
#42
 2,4,6-Tribromophenol
 Concen: 82.483 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG043553.D
 Acq: 8 Nov 2019 00:01

Instrument :
 BNA_G
 ClientSampled :
 H-1

Tgt Ion:330 Resp: 130026
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.0
 141 27.4 22.8 34.2

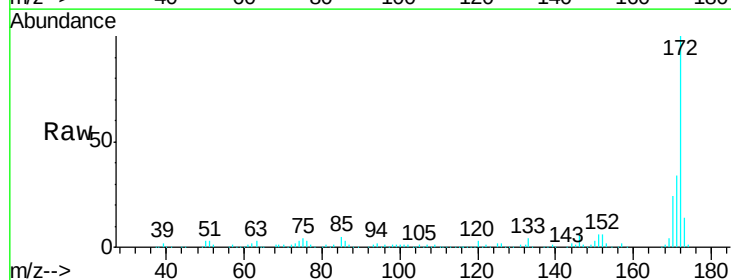


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

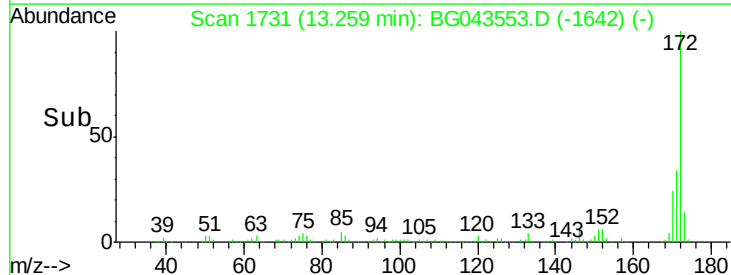
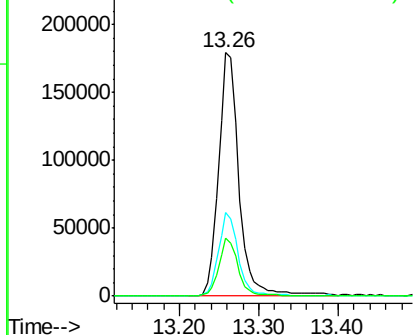


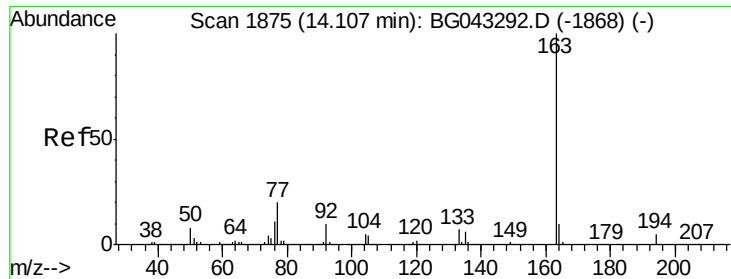
#45
 2-Fluorobiphenyl
 Concen: 53.465 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043553.D
 Acq: 8 Nov 2019 00:01

Tgt Ion:172 Resp: 320514
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.9 43.3
 170 23.9 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: 9.280 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

Instrument :

BNA_G

ClientSampleId :

H-1

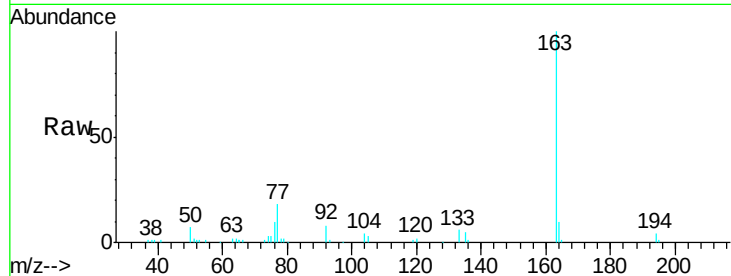
Tgt Ion:163 Resp: 59541

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

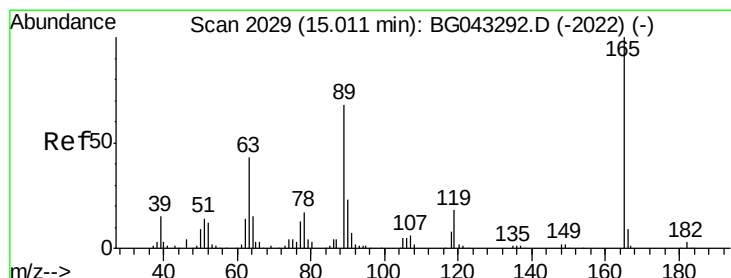
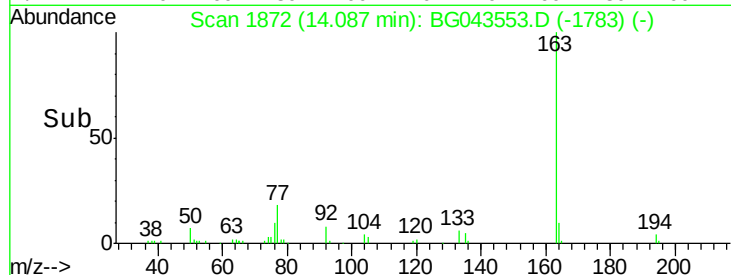
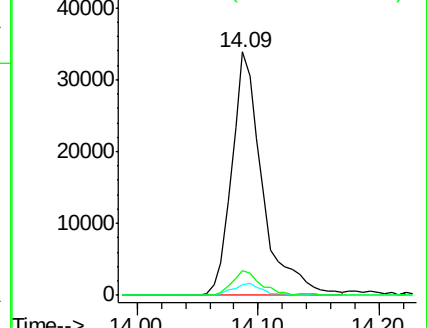
164 10.0 8.9 13.3



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: 5.734 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.37 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

Tgt Ion:165 Resp: 11422

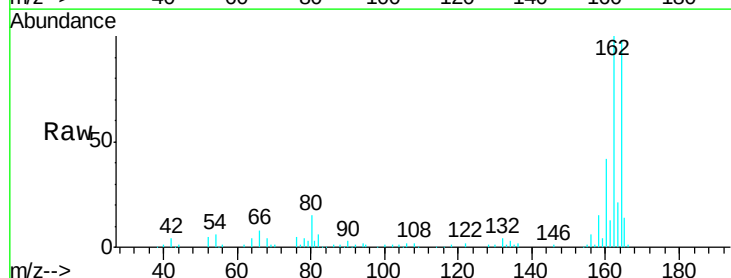
Ion Ratio Lower Upper

165 100

63 0.0 33.2 49.8#

89 2.5 52.2 78.4#

182 0.0 2.0 3.0#

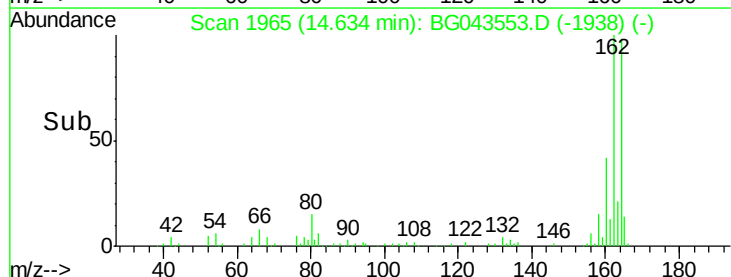
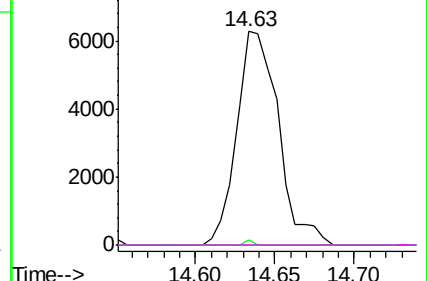


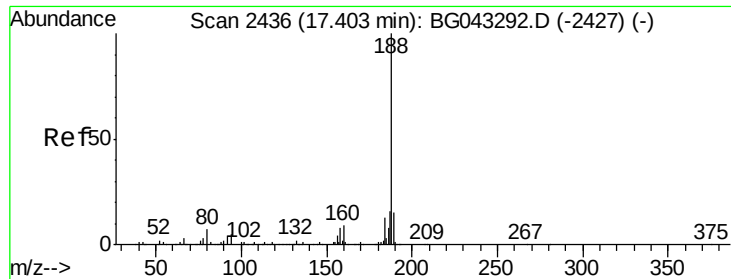
Abundance Ion 165.00 (164.70 to 165.70): E

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

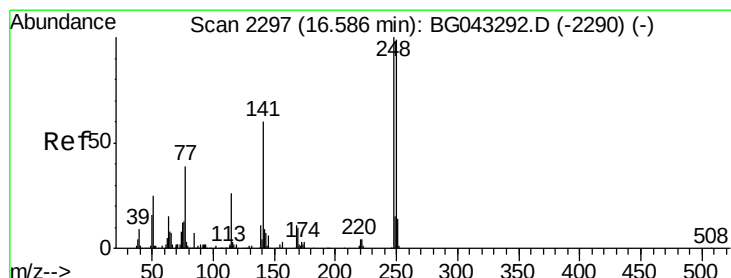
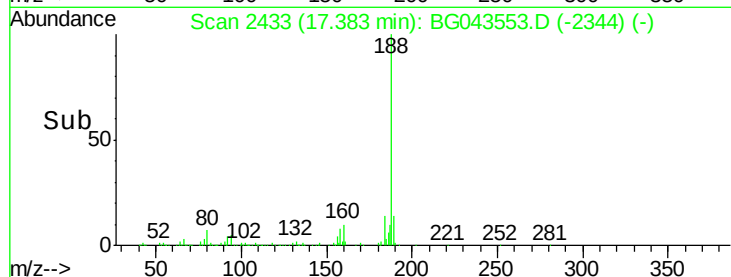
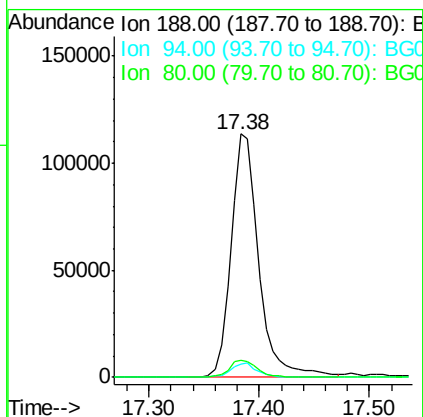
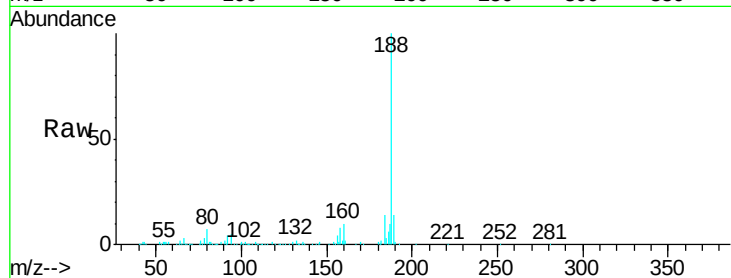




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG043553.D
 Acq: 8 Nov 2019 00:01

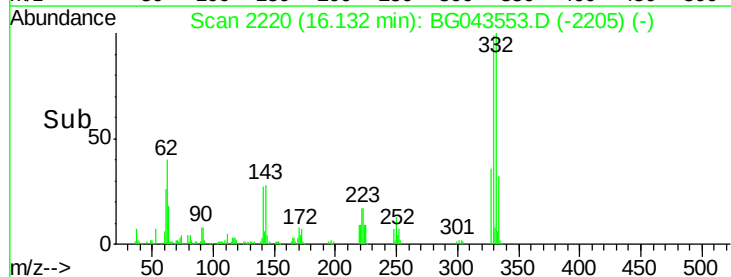
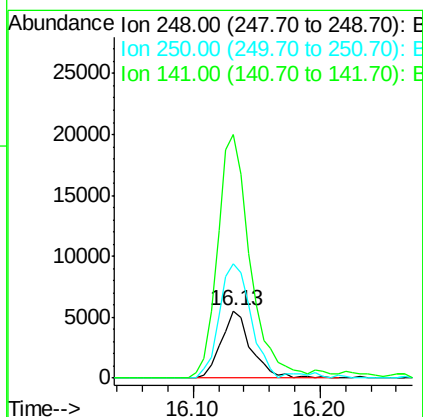
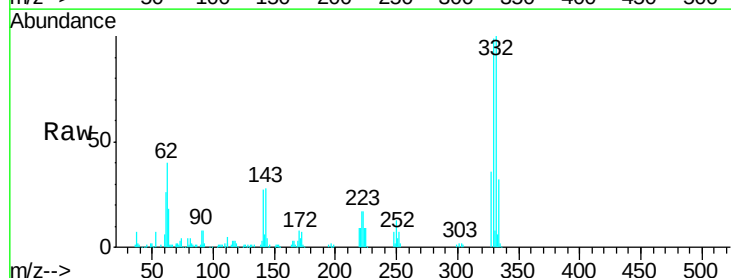
Instrument :
 BNA_G
 ClientSampleId :
 H-1

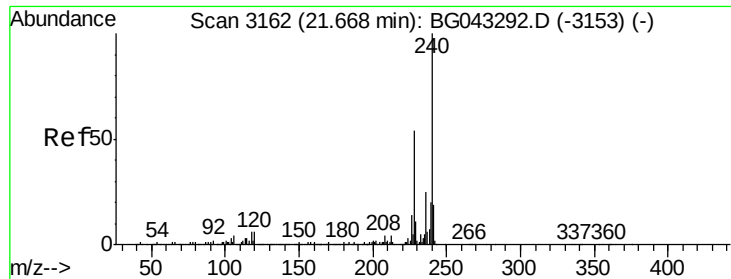
Tgt Ion:188 Resp: 199459
 Ion Ratio Lower Upper
 188 100
 94 5.4 4.2 6.4
 80 7.0 4.5 6.7#



#67
 4-Bromophenyl-phenylether
 Concen: 3.378 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.44 min
 Lab File: BG043553.D
 Acq: 8 Nov 2019 00:01

Tgt Ion:248 Resp: 9068
 Ion Ratio Lower Upper
 248 100
 250 169.9 77.0 115.4#
 141 360.5 47.5 71.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

Instrument :

BNA_G

ClientSampleId :

H-1

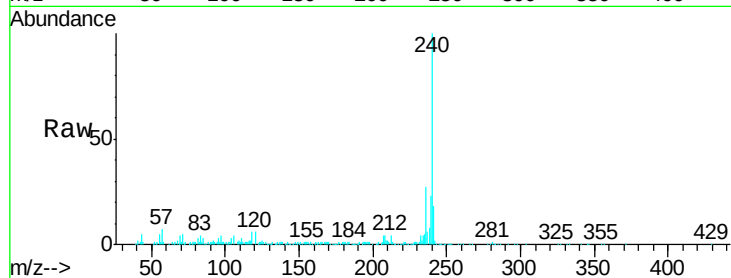
Tgt Ion:240 Resp: 215379

Ion Ratio Lower Upper

240 100

120 5.7 4.6 6.8

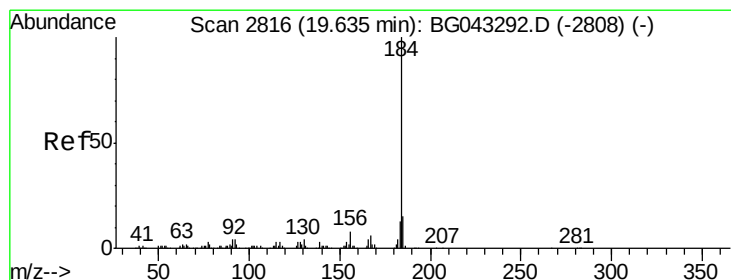
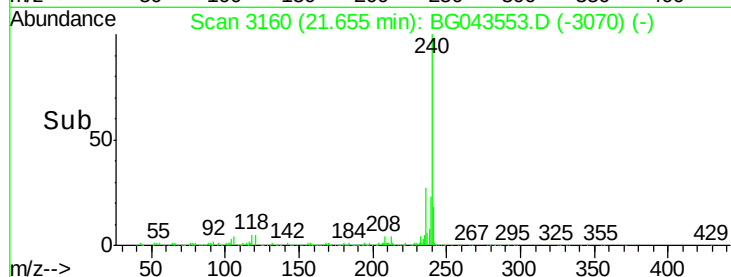
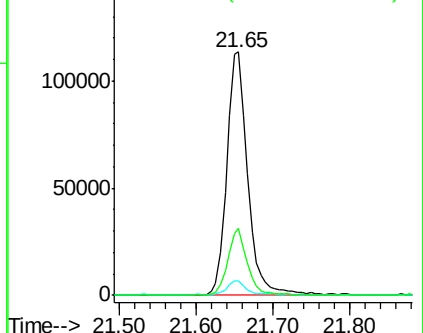
236 27.4 19.8 29.8



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: 2.039 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.37 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

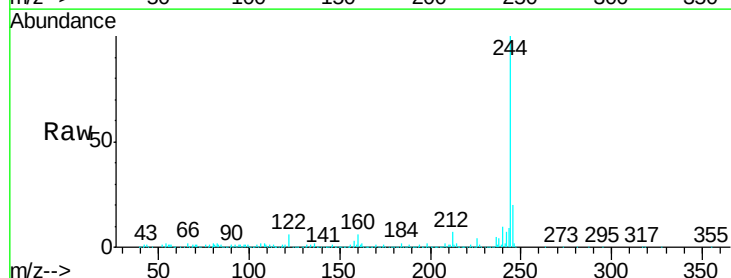
Tgt Ion:184 Resp: 8837

Ion Ratio Lower Upper

184 100

185 15.1 11.0 16.4

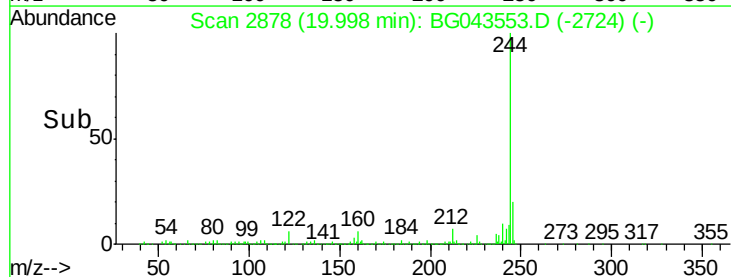
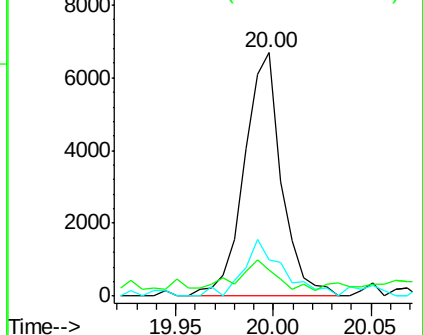
183 10.8 10.0 15.0

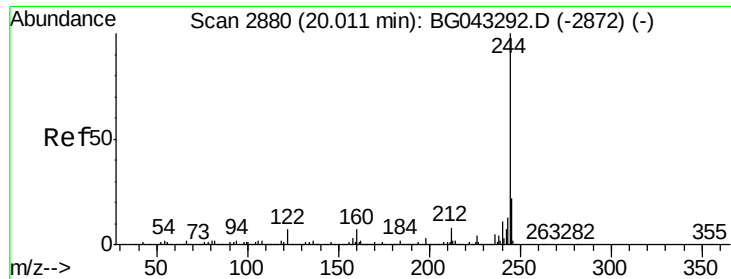


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 53.498 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043553.D

Acq: 8 Nov 2019 00:01

Instrument :

BNA_G

ClientSampleId :

H-1

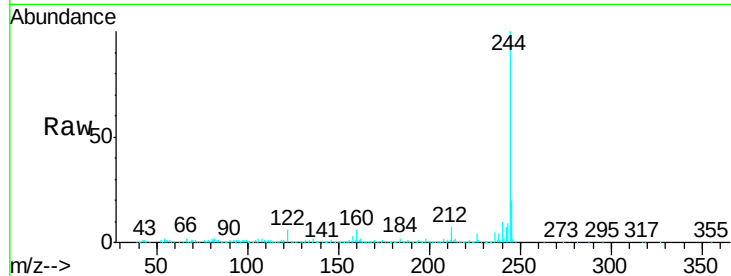
Tgt Ion:244 Resp: 614180

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

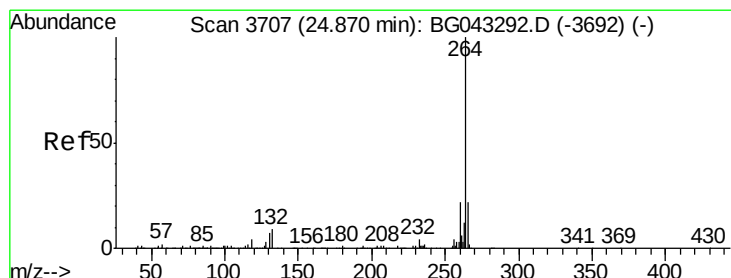
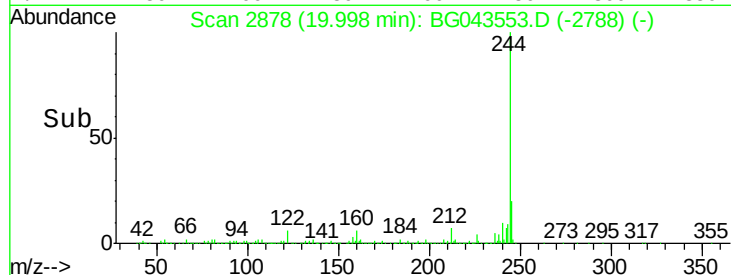
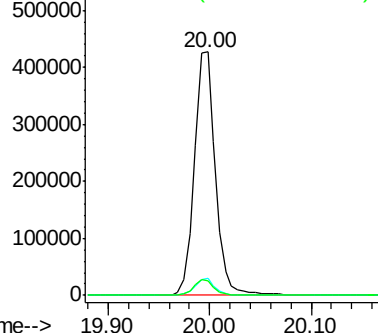
122 6.1 5.4 8.2



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: BG043553.D

Acq: 8 Nov 2019 00:01

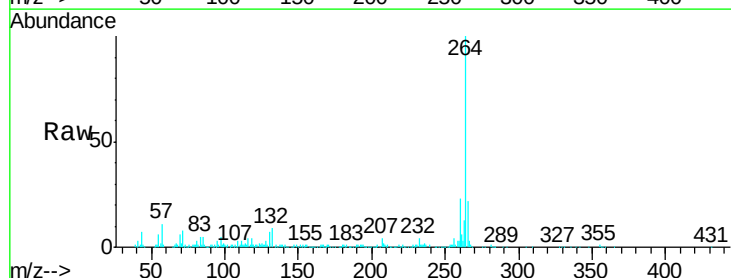
Tgt Ion:264 Resp: 254637

Ion Ratio Lower Upper

264 100

260 23.3 17.5 26.3

265 22.1 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

