

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070219\
 Data File : BG041570.D
 Acq On : 2 Jul 2019 13:23
 Operator : HP/JU
 Sample : K3519-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP19-JMW0882

Quant Time: Jul 12 07:25:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28611	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96809	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	69068	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	185083	20.00	ng	0.00
76) Chrysene-d12	21.70	240	215603	20.00	ng	0.00
87) Perylene-d12	24.99	264	227194	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	96416	60.08	ng	0.00
7) Phenol-d6	7.19	99	80415	35.60	ng	0.00
23) Nitrobenzene-d5	9.21	82	209835	90.40	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	184589	156.53	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	494494	91.88	ng	0.00
79) Terphenyl-d14	20.03	244	1059253	104.40	ng	0.00

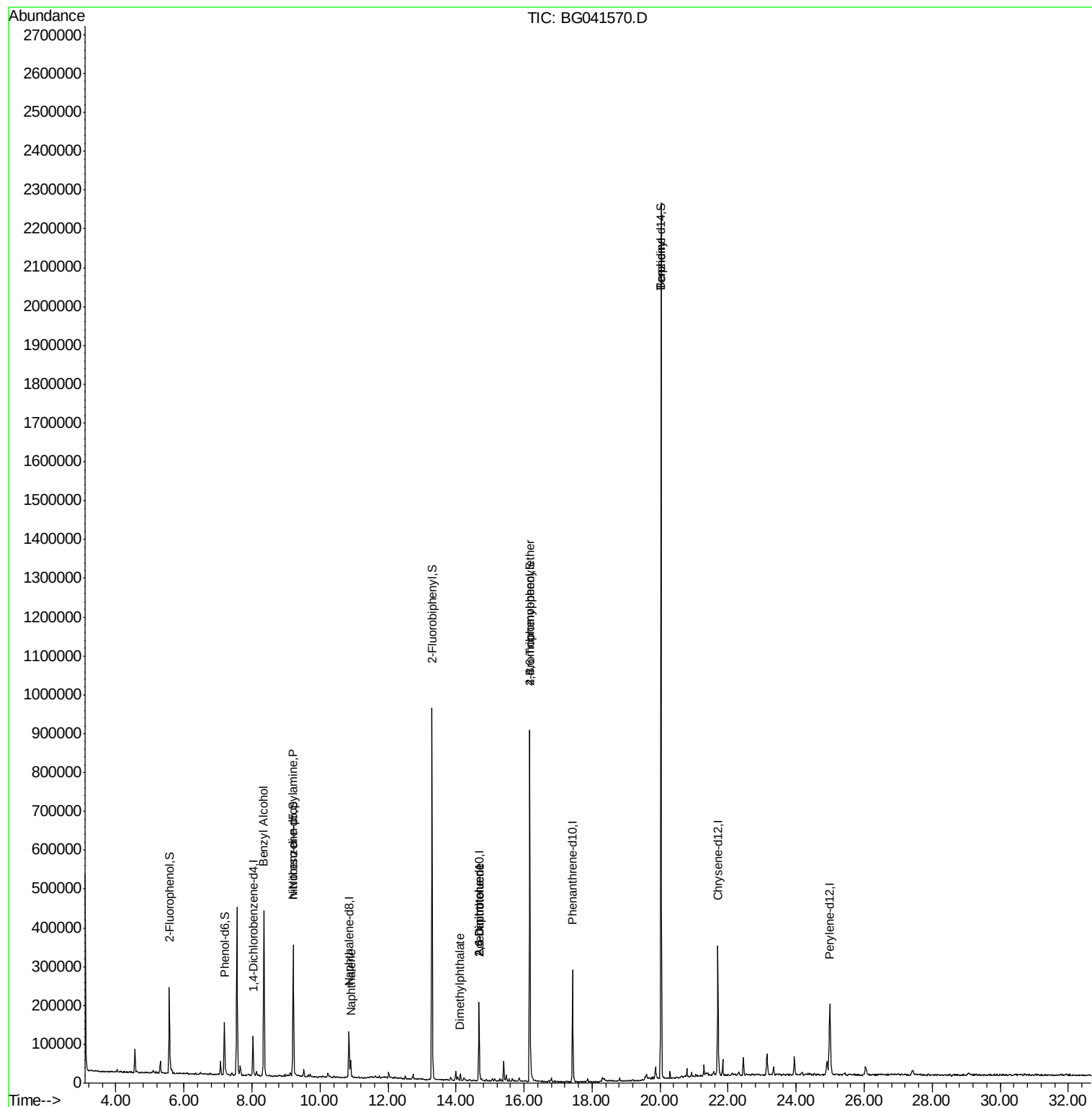
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.35	79	3859	2.145	ng	# 38
19) n-Nitroso-di-n-propylamine	9.21	70	30779	18.265	ng	# 69
31) Naphthalene	10.90	128	31767	5.934	ng	97
50) Dimethylphthalate	14.12	163	13860	2.205	ng	99
51) 2,6-Dinitrotoluene	14.67	165	8866	6.647	ng	# 20
57) 2,4-Dinitrotoluene	14.67	165	8866	4.582	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	12567	4.969	ng	# 1
77) Benzidine	20.03	184	18323	3.830	ng	97

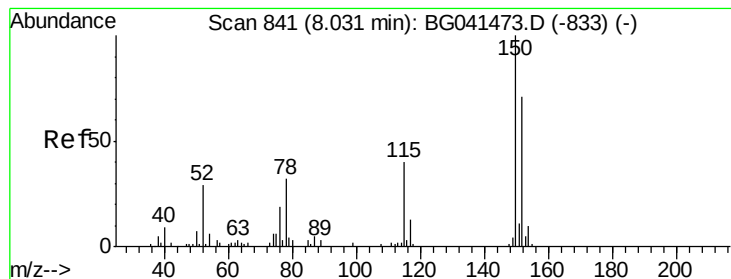
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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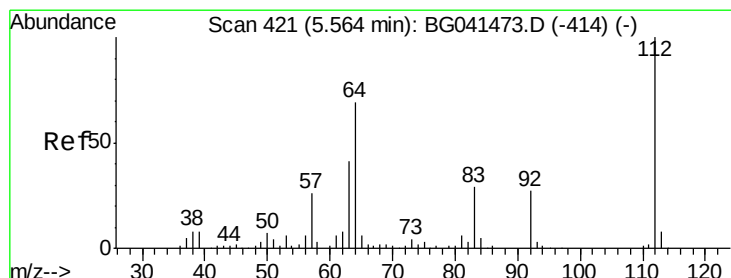
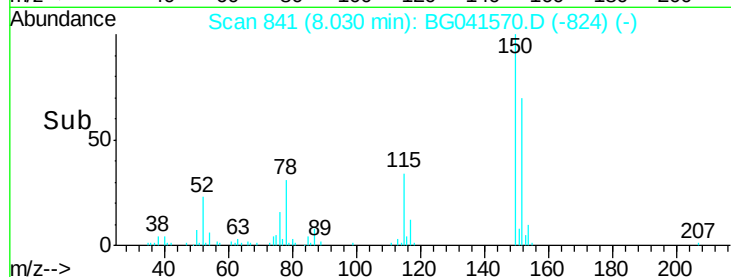
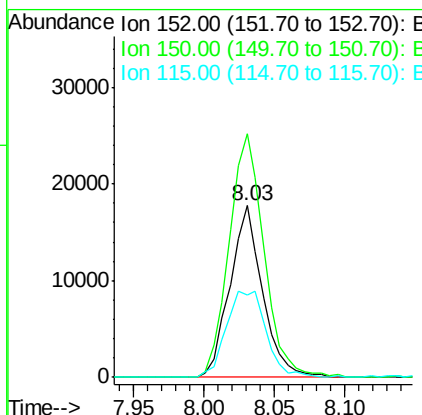
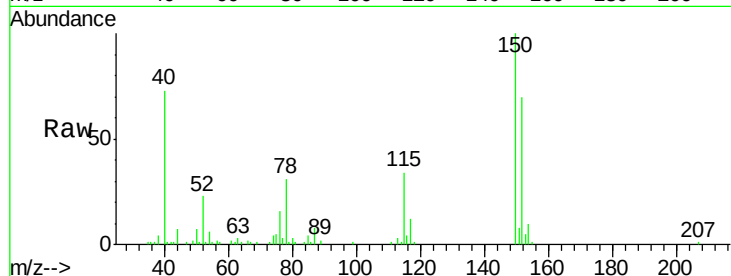


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

Instrument :
BNA_G
ClientSampleId :
SP19-JMW0882

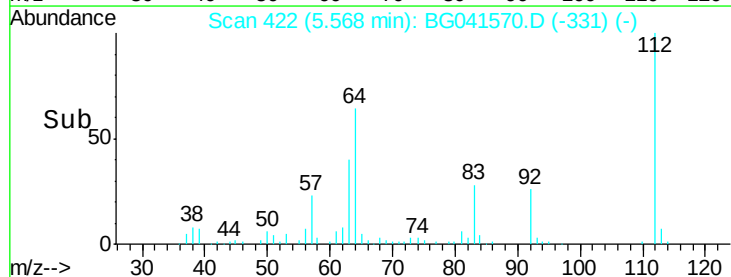
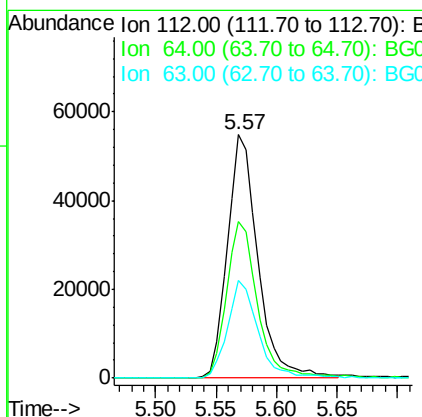
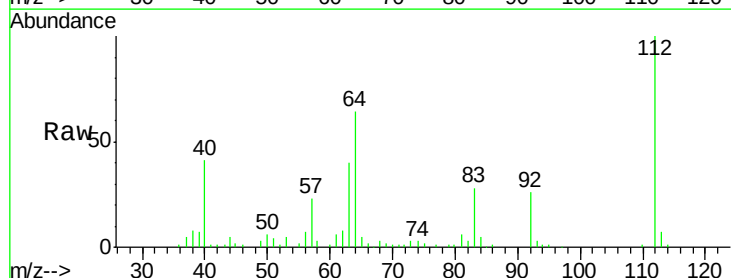
Tgt Ion:152 Resp: 28611
Ion Ratio Lower Upper
152 100
150 141.9 112.4 168.6
115 48.3 44.6 66.8

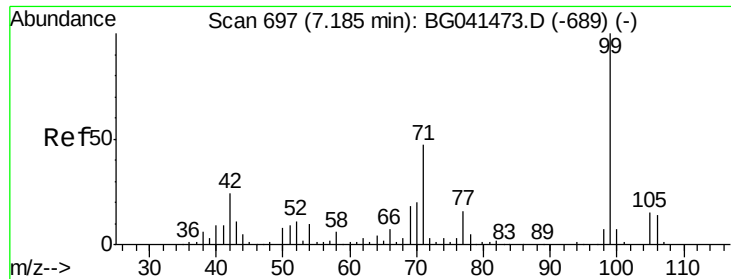


#5

2-Fluorophenol
Concen: 60.080 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

Tgt Ion:112 Resp: 96416
Ion Ratio Lower Upper
112 100
64 64.4 55.1 82.7
63 40.2 32.4 48.6





#7

Phenol-d6

Concen: 35.596 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

Instrument :

BNA_G

ClientSampleId :

SP19-JMW0882

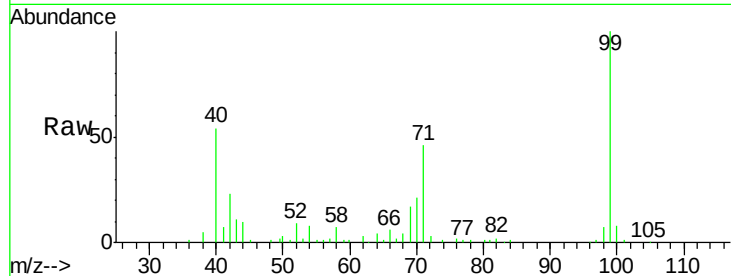
Tgt Ion: 99 Resp: 80415

Ion Ratio Lower Upper

99 100

42 23.5 19.0 28.6

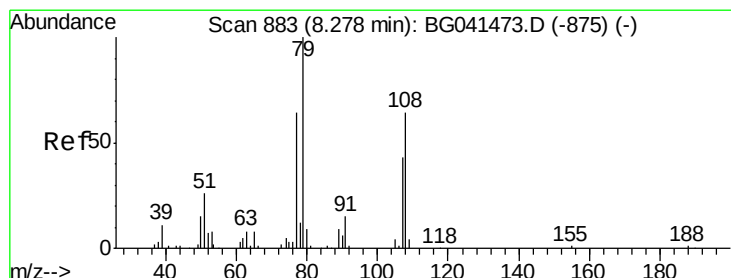
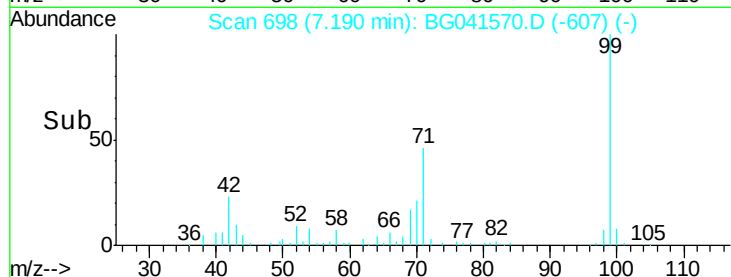
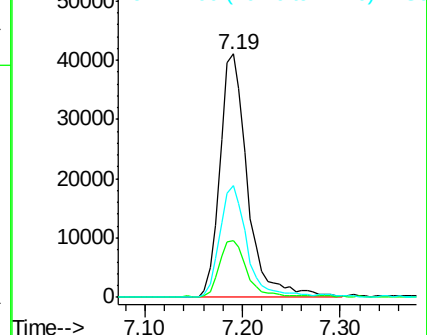
71 46.1 37.4 56.2



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



#15

Benzyl Alcohol

Concen: 2.145 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

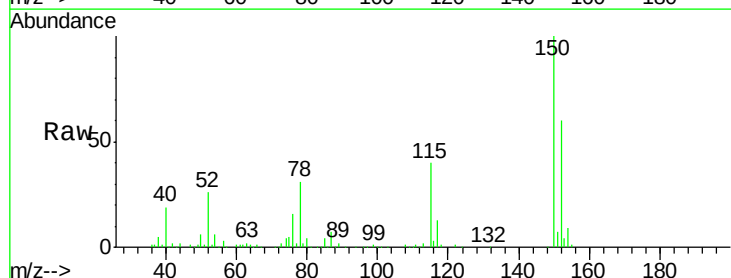
Tgt Ion: 79 Resp: 3859

Ion Ratio Lower Upper

79 100

108 30.3 51.4 77.0#

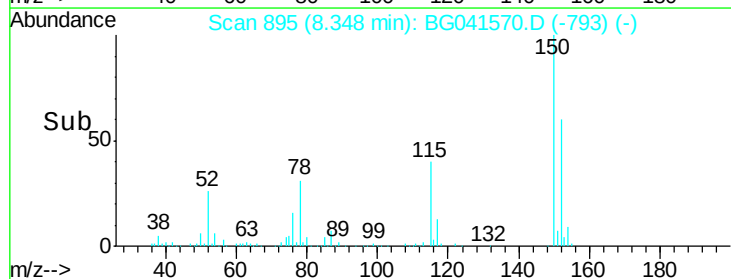
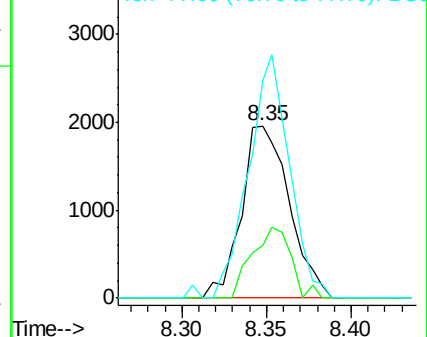
77 126.2 50.8 76.2#

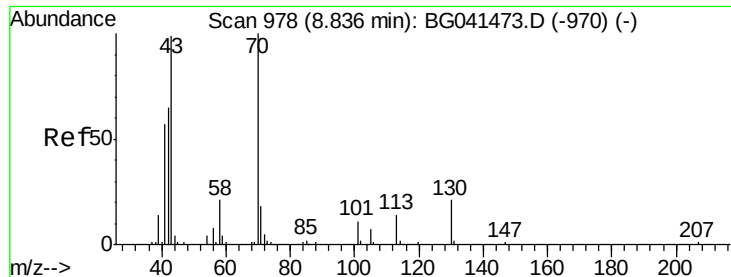


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

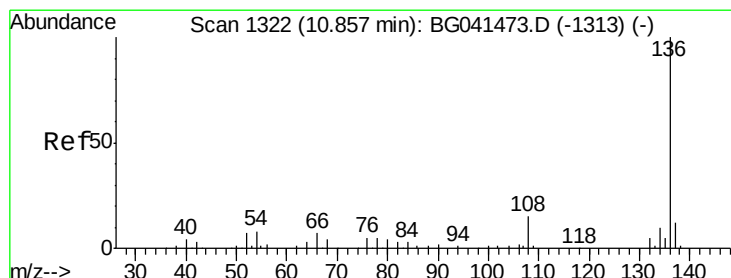
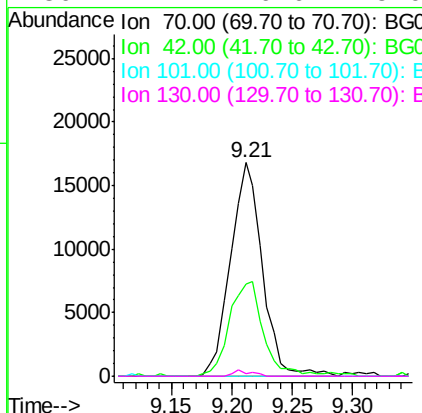
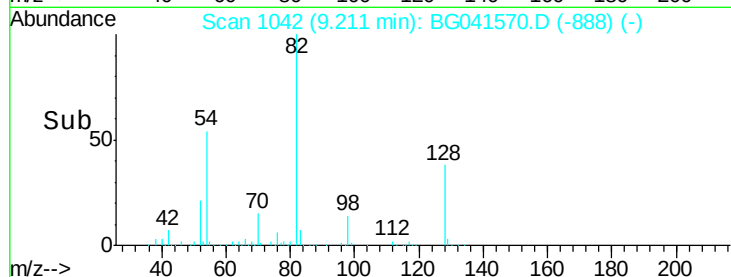
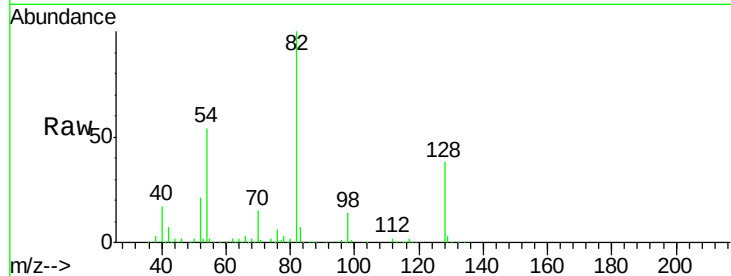




#19
n-Nitroso-di-n-propylamine
Concen: 18.265 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.38 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

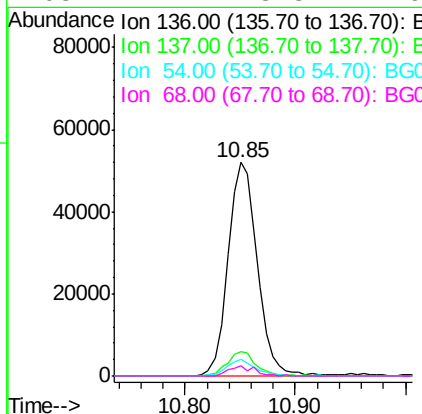
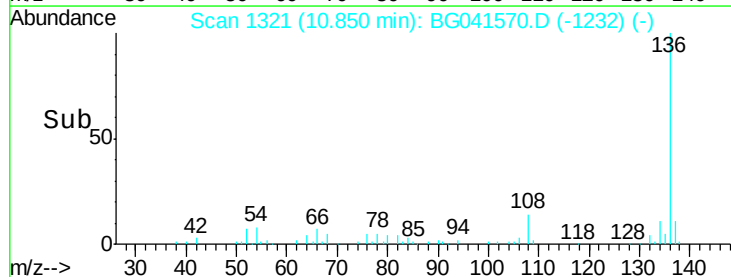
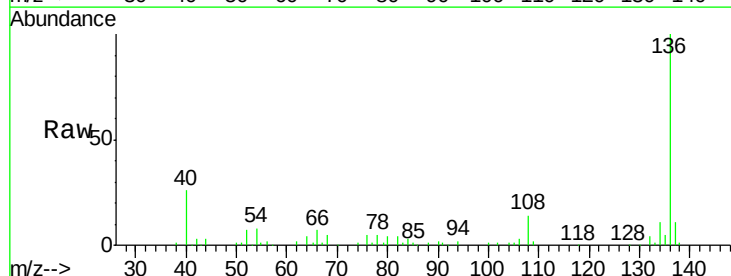
Instrument :
BNA_G
ClientSampleId :
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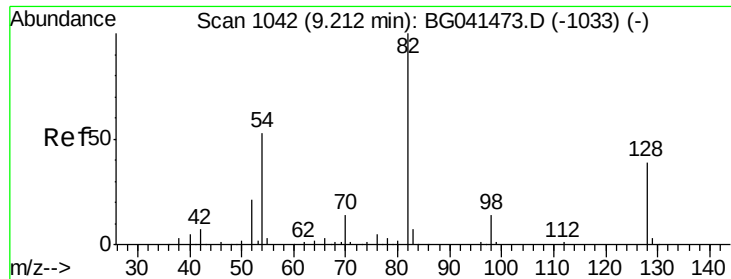
Tgt Ion: 70 Resp: 30779
Ion Ratio Lower Upper
70 100
42 43.4 52.6 78.8#
101 0.0 8.6 13.0#
130 1.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041570.D
Acq: 2 Jul 2019 13:23

Tgt Ion: 136 Resp: 96809
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 7.6 7.1 10.7
68 4.7 3.3 4.9

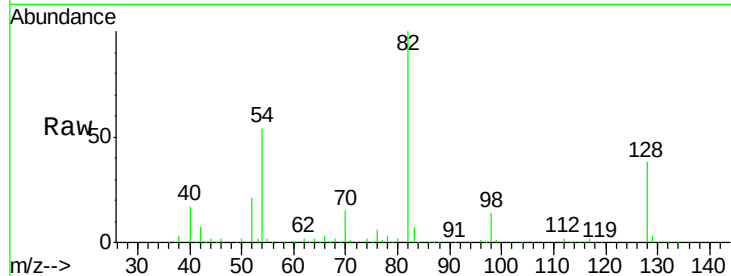




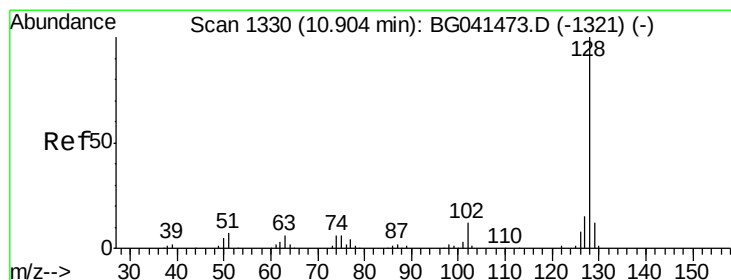
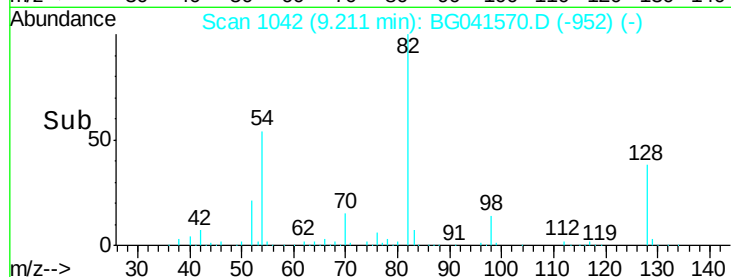
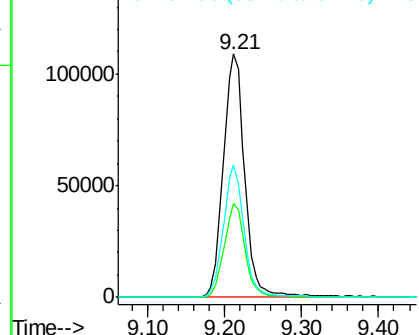
#23
 Nitrobenzene-d5
 Concen: 90.401 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Instrument :
 BNA_G
 ClientSampleId :
 SP19-JMW0882

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.9	46.3
54	54.4	42.2	63.2

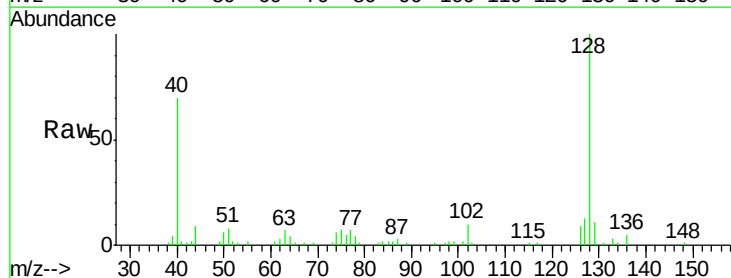


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

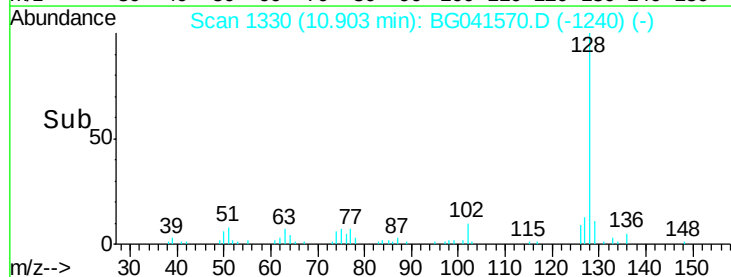
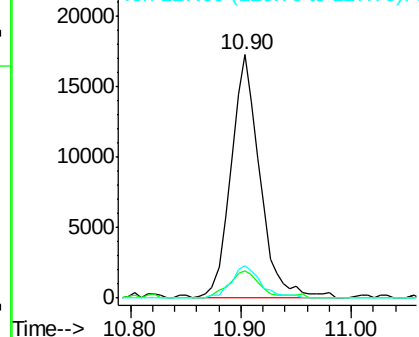


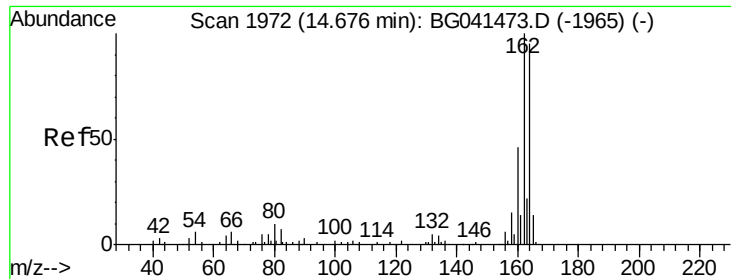
#31
 Naphthalene
 Concen: 5.934 ng
 RT: 10.90 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.4	11.6	17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
 Ion 129.00 (128.70 to 129.70): BGC
 Ion 127.00 (126.70 to 127.70): BGC

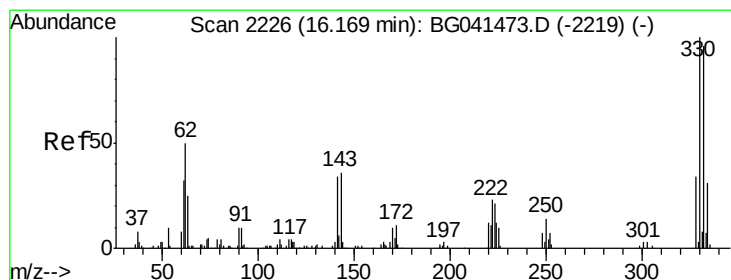
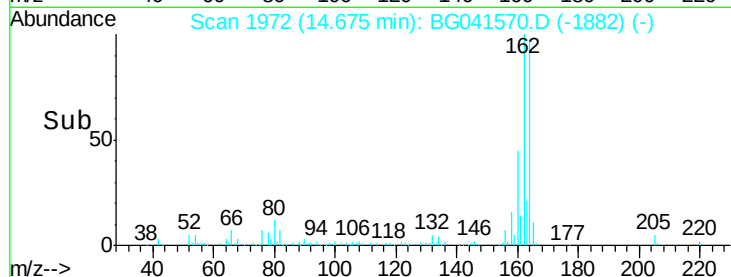
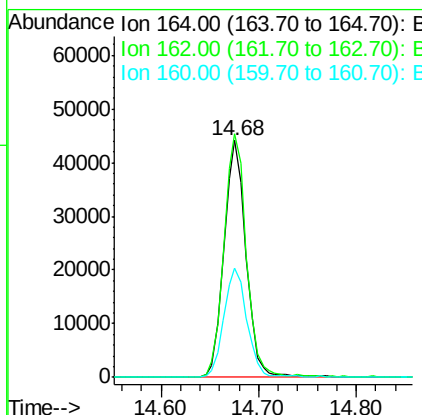
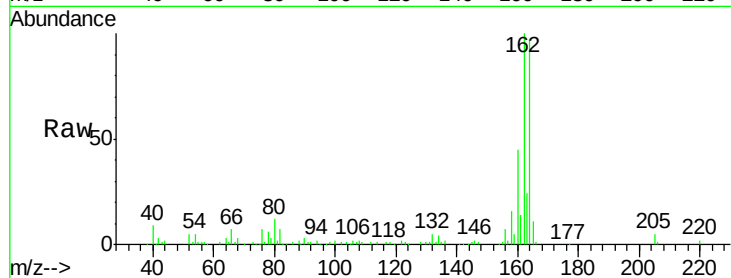




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

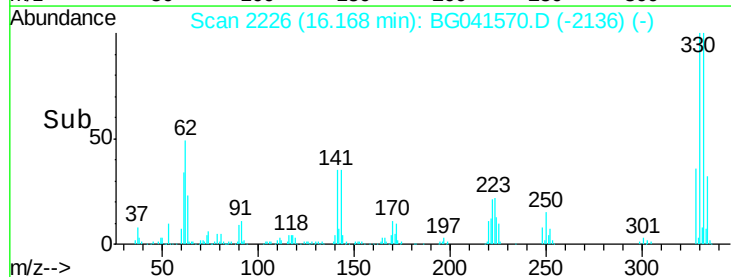
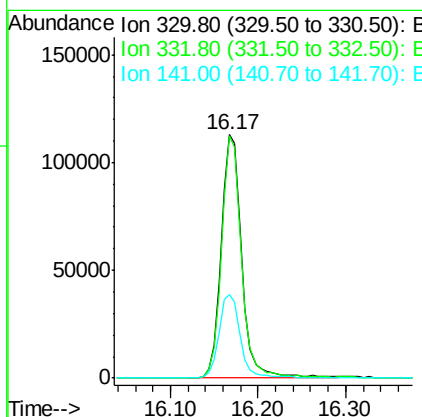
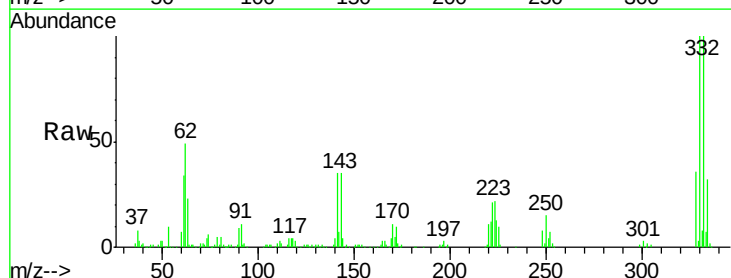
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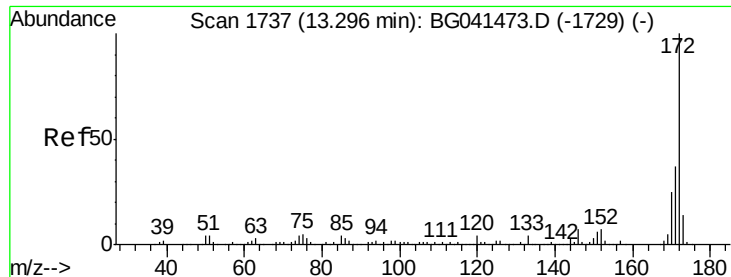
Tgt Ion:164 Resp: 69068
 Ion Ratio Lower Upper
 164 100
 162 102.8 84.4 126.6
 160 46.0 38.8 58.2



#42
 2,4,6-Tribromophenol
 Concen: 156.525 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Tgt Ion:330 Resp: 184589
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.5 113.3
 141 35.8 27.8 41.6

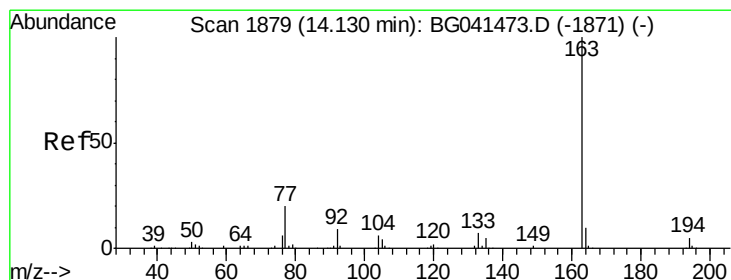
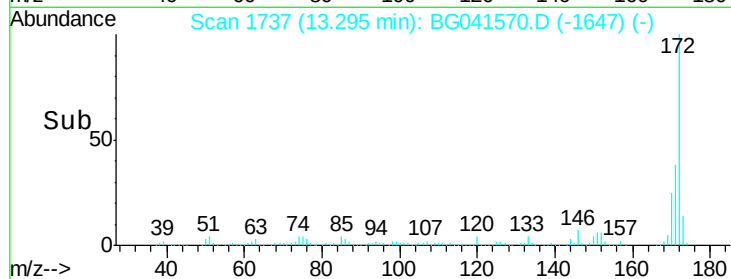
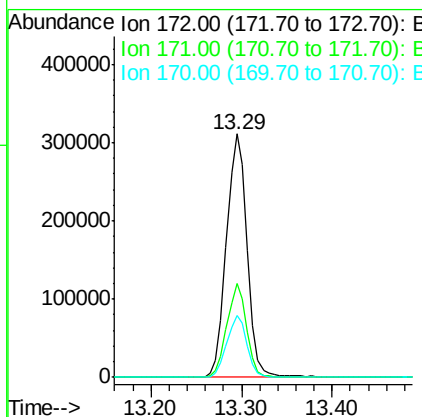
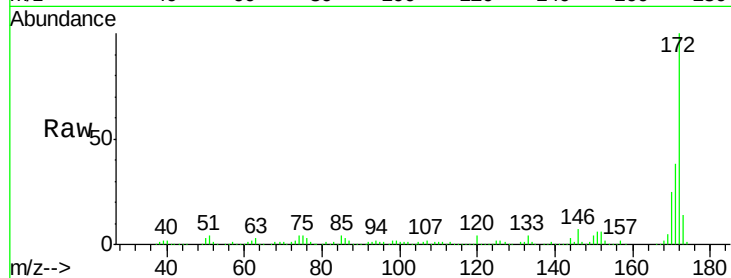




#45
 2-Fluorobiphenyl
 Concen: 91.875 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

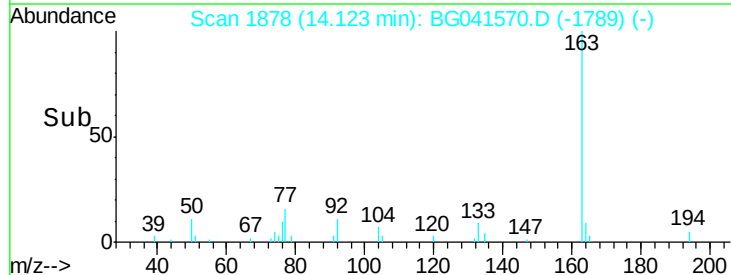
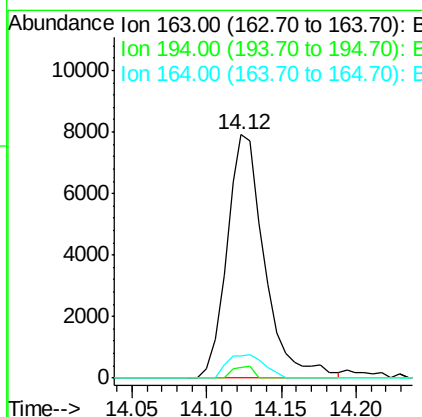
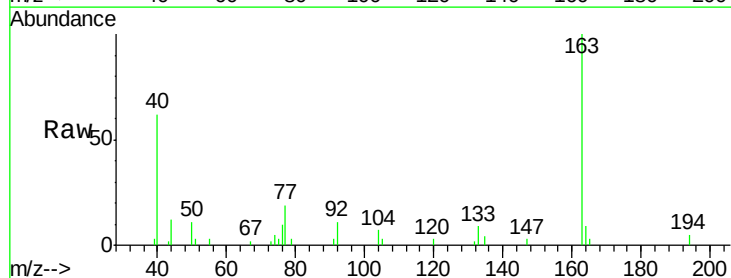
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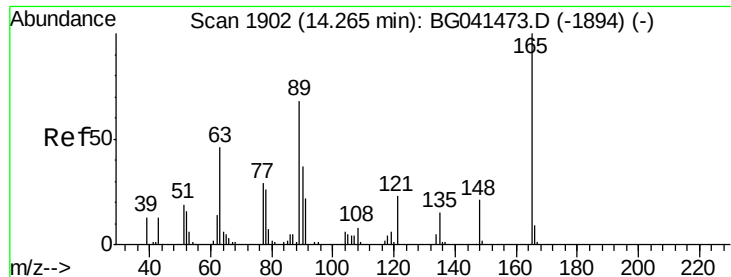
Tgt Ion:172 Resp: 494494
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.6 44.4
 170 25.3 20.0 30.0



#50
 Dimethylphthalate
 Concen: 2.205 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Tgt Ion:163 Resp: 13860
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.7 5.5
 164 9.1 7.8 11.6

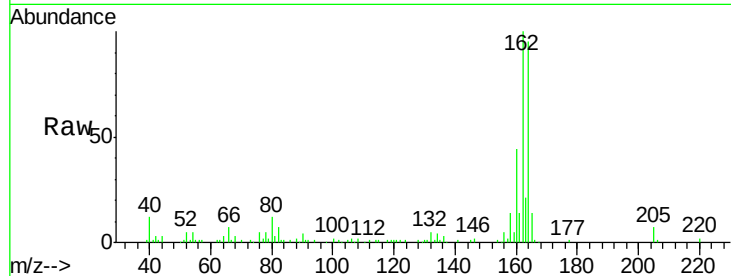




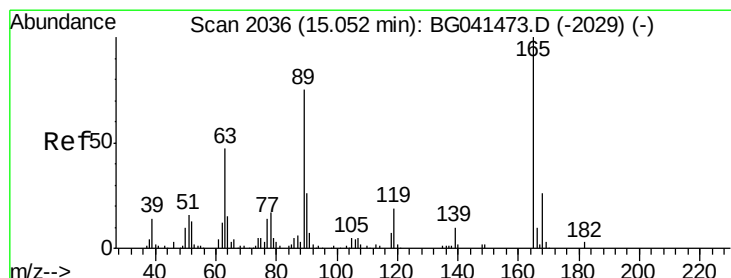
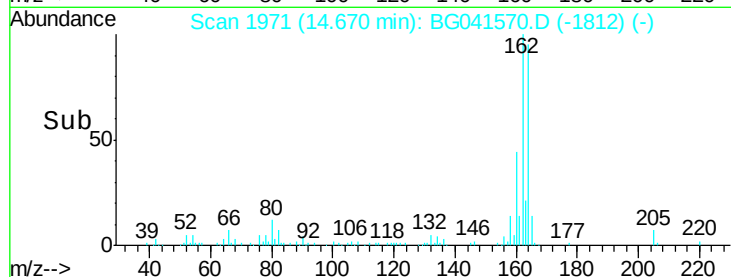
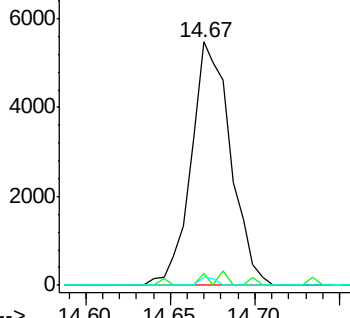
#51
 2,6-Dinitrotoluene
 Concen: 6.647 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.40 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Instrument :
 BNA_G
 ClientSampleId :
 SP19-JMW0882

Tgt Ion:165 Resp: 8866
 Ion Ratio Lower Upper
 165 100
 63 5.1 56.4 84.6#
 89 3.2 54.6 81.8#

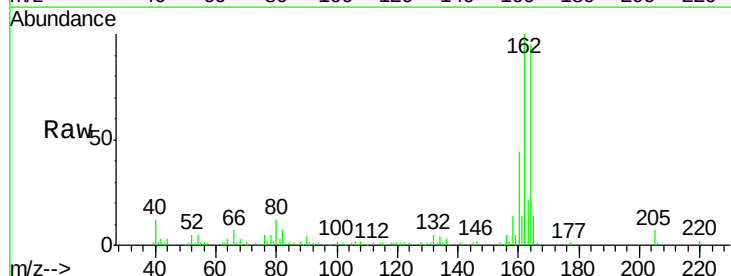


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

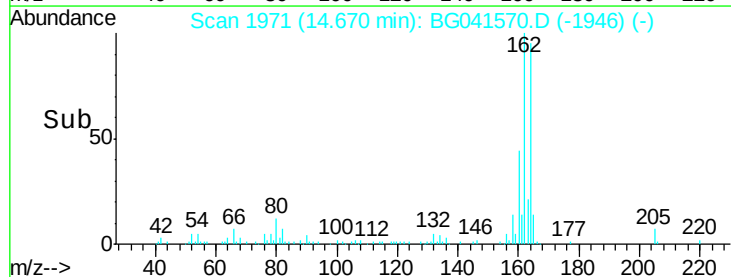
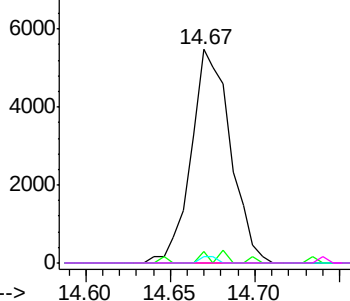


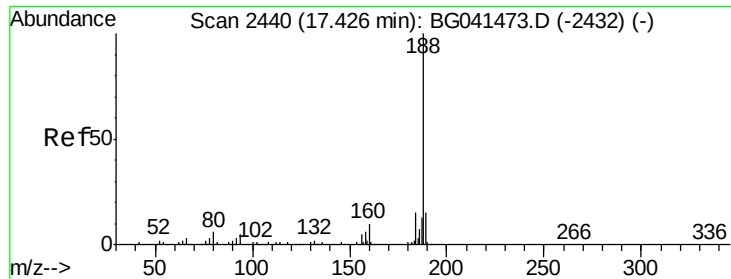
#57
 2,4-Dinitrotoluene
 Concen: 4.582 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Tgt Ion:165 Resp: 8866
 Ion Ratio Lower Upper
 165 100
 63 5.1 38.8 58.2#
 89 3.2 60.1 90.1#
 182 0.0 2.2 3.2#



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: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

Instrument :

BNA_G

ClientSampleId :

SP19-JMW0882

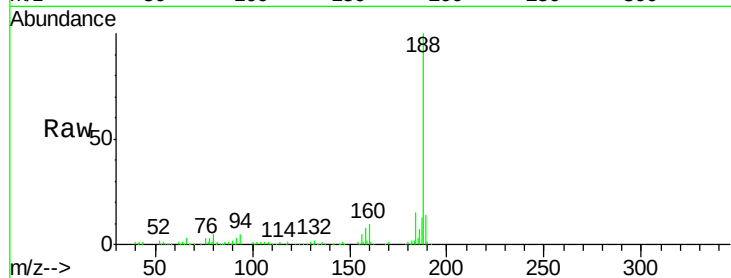
Tgt Ion:188 Resp: 185083

Ion Ratio Lower Upper

188 100

94 5.0 3.8 5.8

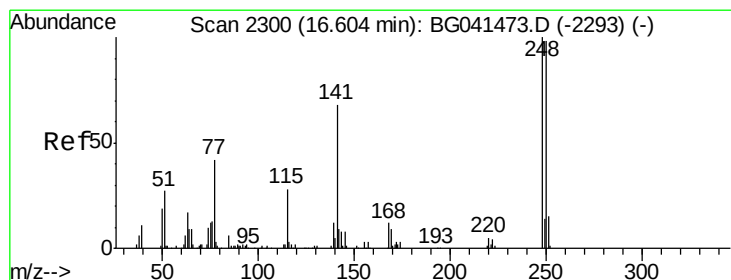
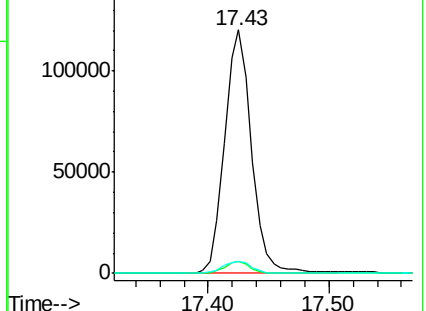
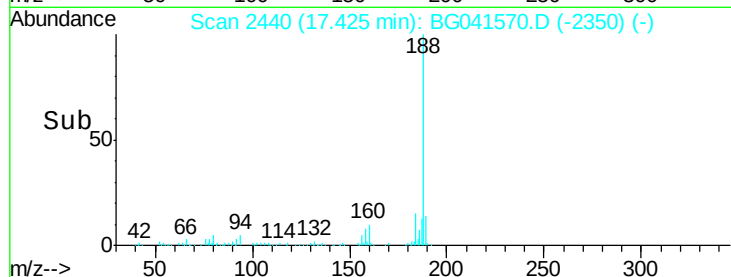
80 5.1 4.8 7.2



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: 4.969 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

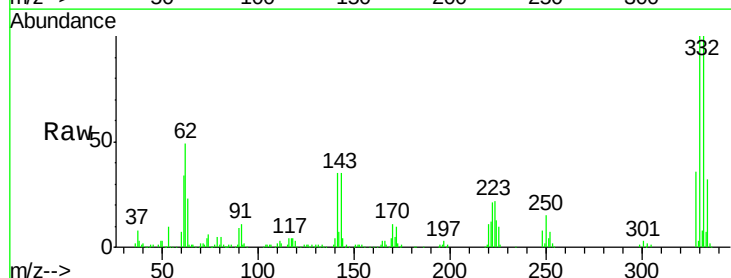
Tgt Ion:248 Resp: 12567

Ion Ratio Lower Upper

248 100

250 193.5 78.1 117.1#

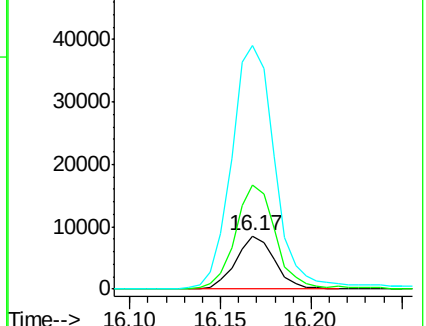
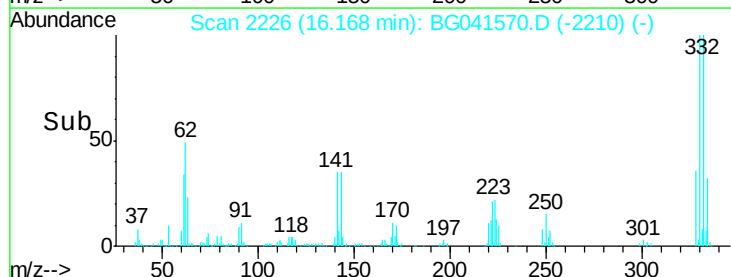
141 455.0 54.1 81.1#

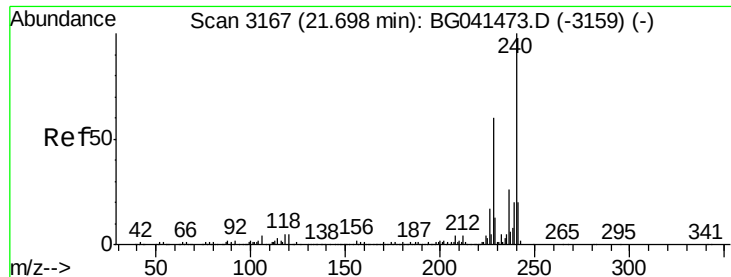


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

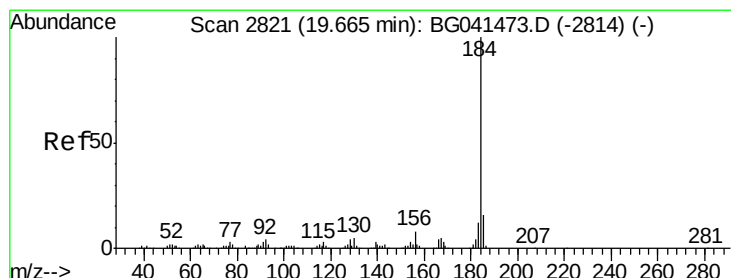
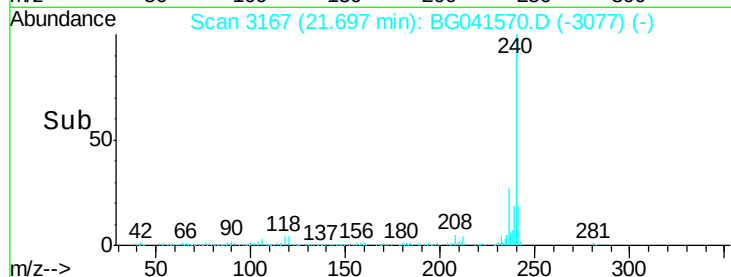
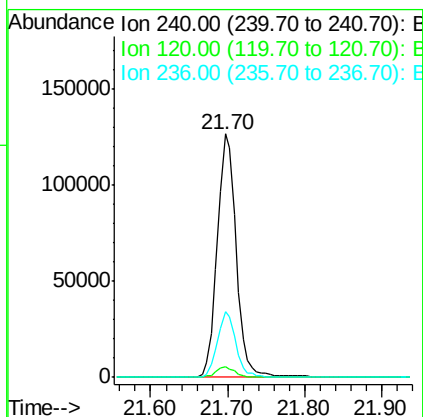
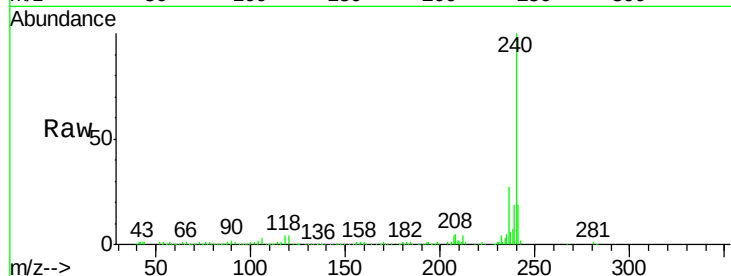




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

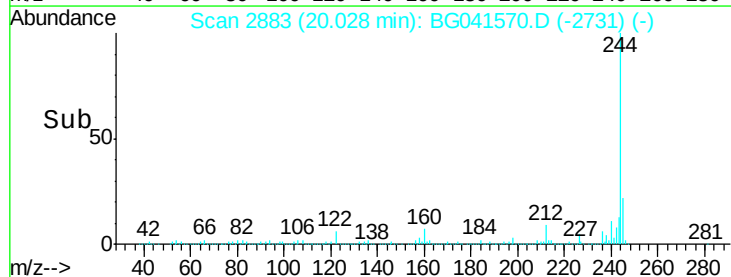
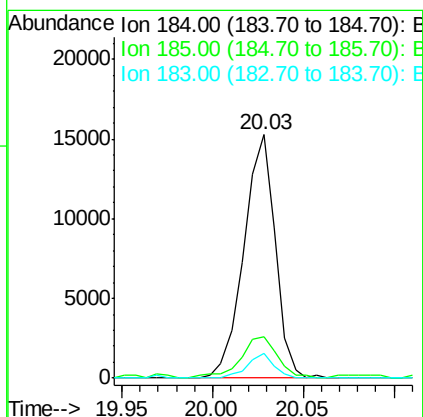
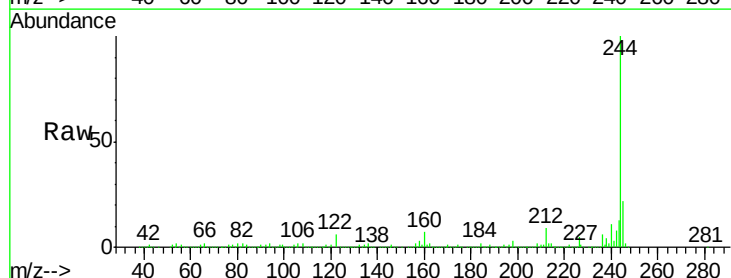
Instrument :
 BNA_G
 ClientSampleId :
 SP19-JMW0882

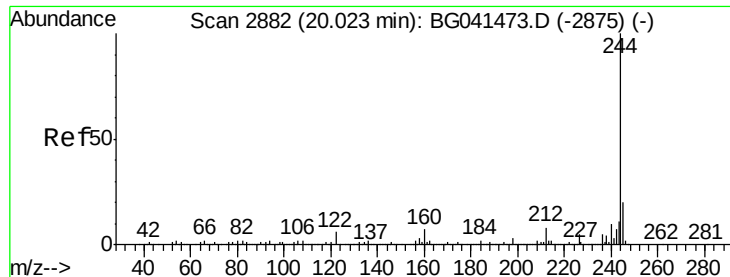
Tgt Ion:240 Resp: 215603
 Ion Ratio Lower Upper
 240 100
 120 4.2 3.7 5.5
 236 26.9 20.8 31.2



#77
 Benzidine
 Concen: 3.830 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.36 min
 Lab File: BG041570.D
 Acq: 2 Jul 2019 13:23

Tgt Ion:184 Resp: 18323
 Ion Ratio Lower Upper
 184 100
 185 17.2 12.7 19.1
 183 10.4 9.4 14.2





#79

Terphenyl-d14

Concen: 104.405 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

Instrument :

BNA_G

ClientSampleId :

SP19-JMW0882

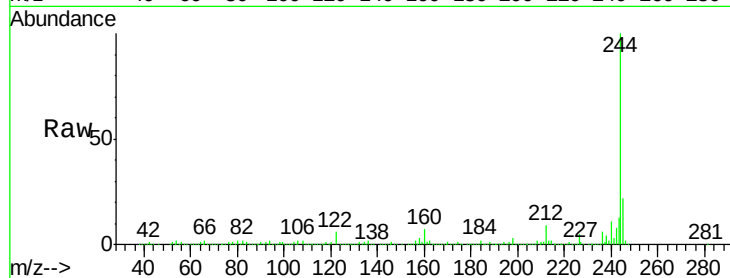
Tgt Ion:244 Resp: 1059253

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

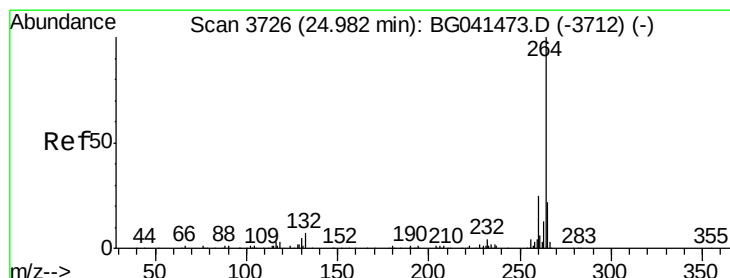
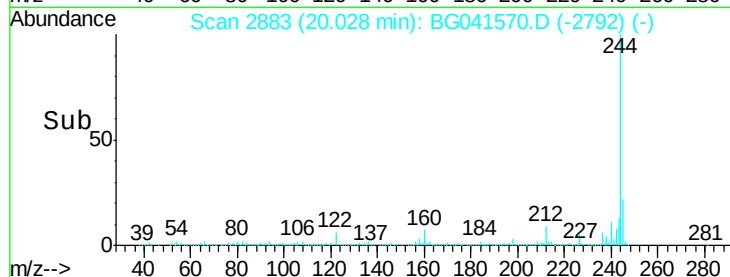
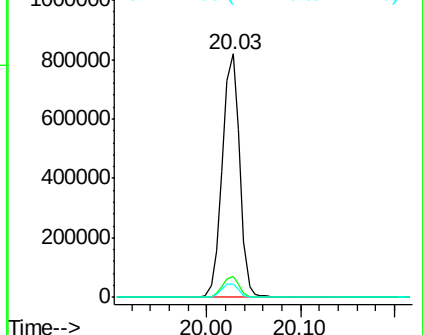
122 5.5 4.8 7.2



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: 24.99 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG041570.D

Acq: 2 Jul 2019 13:23

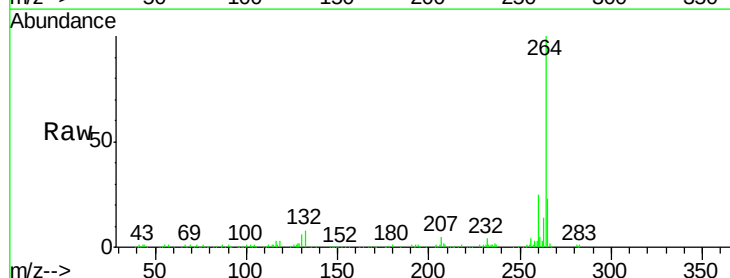
Tgt Ion:264 Resp: 227194

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 23.0 17.4 26.2



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

