

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071619\
 Data File : BG041682.D
 Acq On : 17 Jul 2019 6:27
 Operator : HP/JU
 Sample : K3623-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071519-A

Quant Time: Jul 17 07:24:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	113788	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	475699	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	290926	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	705342	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	694468	20.00	ng	-0.01
87) Perylene-d12	24.85	264	788738	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	776042	111.49	ng	0.00
7) Phenol-d6	7.20	99	982684	104.96	ng	0.00
23) Nitrobenzene-d5	9.21	82	723357	92.48	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	437833	133.54	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1623165	86.40	ng	0.00
79) Terphenyl-d14	20.01	244	2474565	83.27	ng	0.00

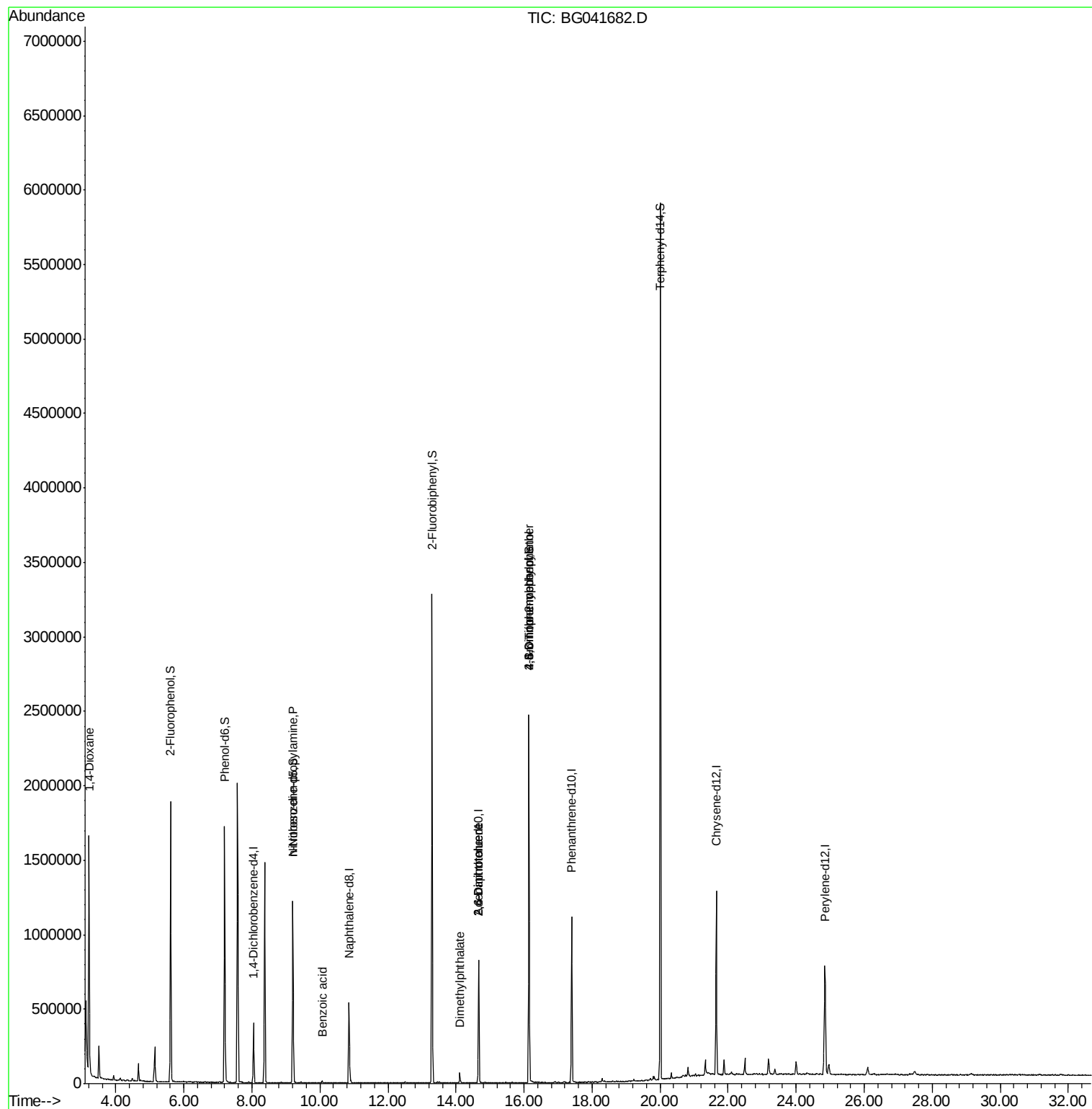
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	15674	4.741	ng	# 1
9) Benzaldehyde	7.20	77	1906	Below Cal		# 10
19) n-Nitroso-di-n-propylamine	9.21	70	98999	14.467	ng	# 75
32) Benzoic acid	10.06	122	4149	6.717	ng	# 89
50) Dimethylphthalate	14.11	163	47222	2.067	ng	# 95
51) 2,6-Dinitrotoluene	14.66	165	37533	7.744	ng	# 29
57) 2,4-Dinitrotoluene	14.66	165	37533	5.859	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.15	198	1286	7.005	ng	# 1
67) 4-Bromophenyl-phenylether	16.15	248	35507	4.231	ng	# 1

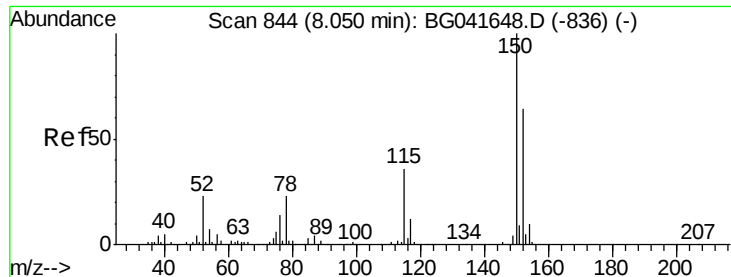
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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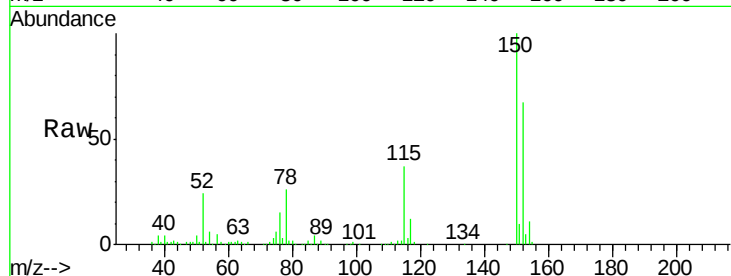


#1

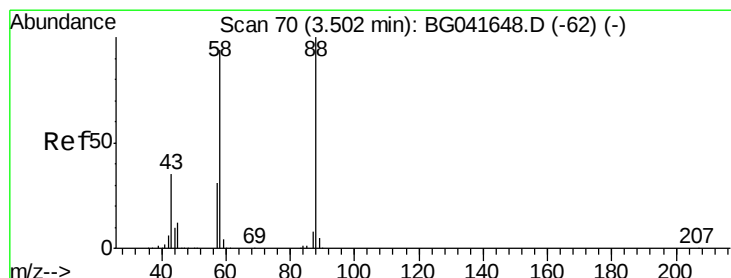
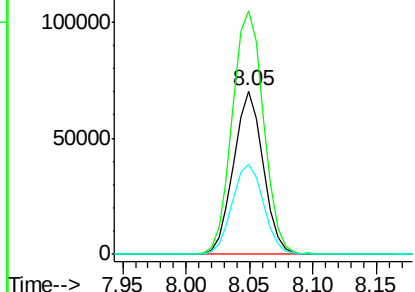
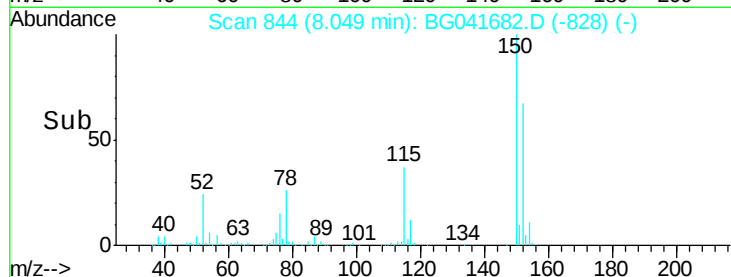
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041682.D
Acq: 17 Jul 2019 6:27

Instrument :
BNA_G
ClientSampleId :
EO-02-071519-A

Tgt Ion:152 Resp: 113788
Ion Ratio Lower Upper
152 100
150 149.3 126.9 190.3
115 54.8 45.0 67.6



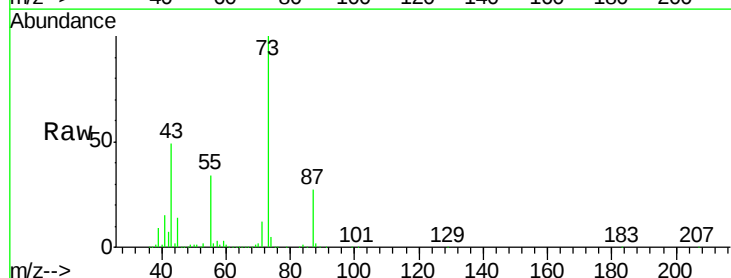
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



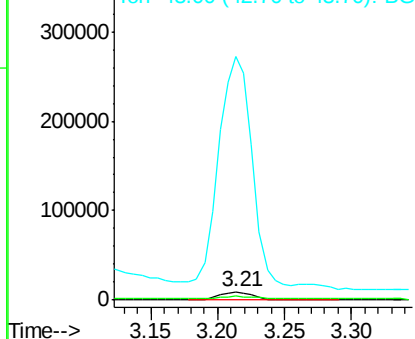
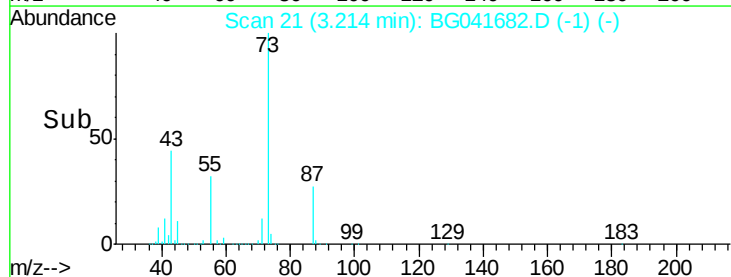
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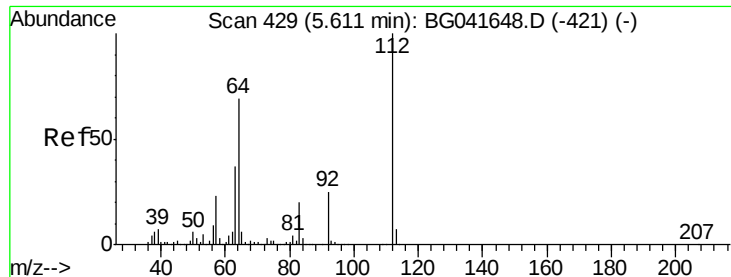
1,4-Dioxane
Concen: 4.741 ng
RT: 3.21 min Scan# 21
Delta R.T. -0.28 min
Lab File: BG041682.D
Acq: 17 Jul 2019 6:27

Tgt Ion: 88 Resp: 15674
Ion Ratio Lower Upper
88 100
58 38.6 76.2 114.2#
43 2802.6 27.2 40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 111.491 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041682.D

Acq: 17 Jul 2019 6:27

Instrument :

BNA_G

ClientSampleId :

EO-02-071519-A

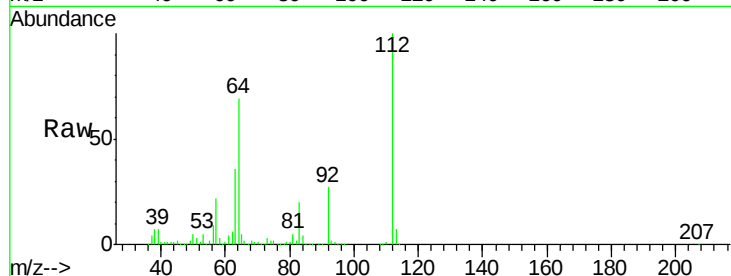
Tgt Ion: 112 Resp: 776042

Ion Ratio Lower Upper

112 100

64 69.4 55.4 83.2

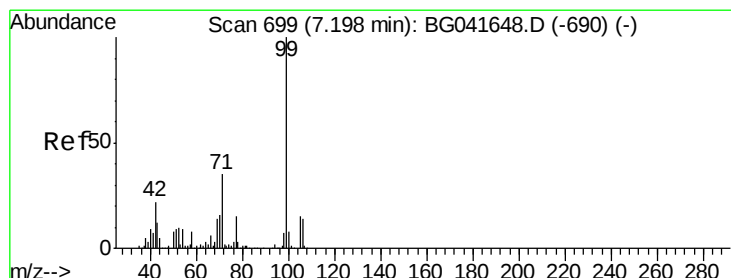
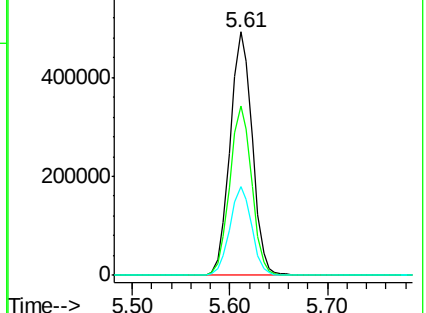
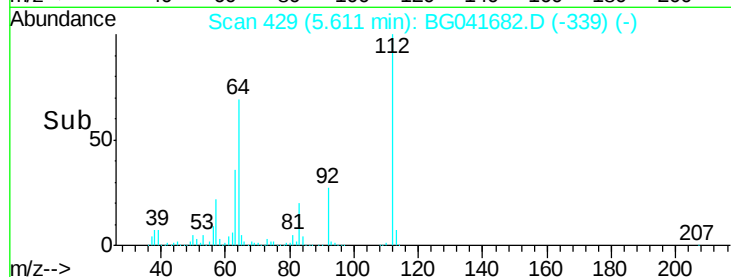
63 36.5 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 104.962 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041682.D

Acq: 17 Jul 2019 6:27

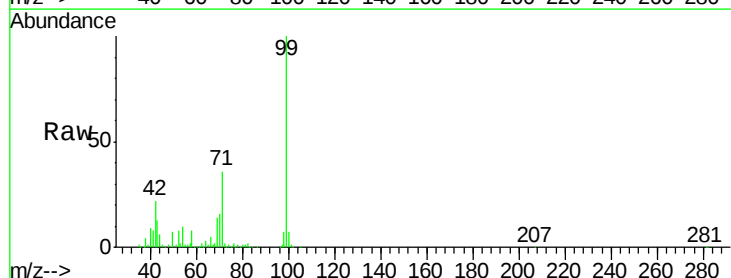
Tgt Ion: 99 Resp: 982684

Ion Ratio Lower Upper

99 100

42 22.4 17.6 26.4

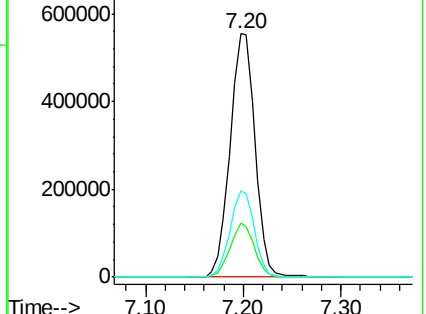
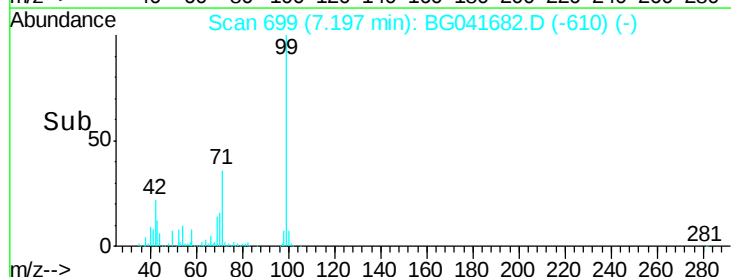
71 35.6 27.8 41.6

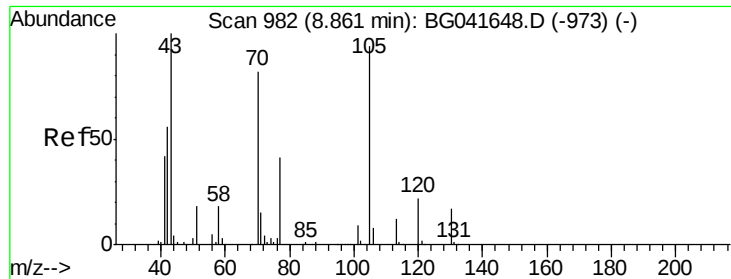


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

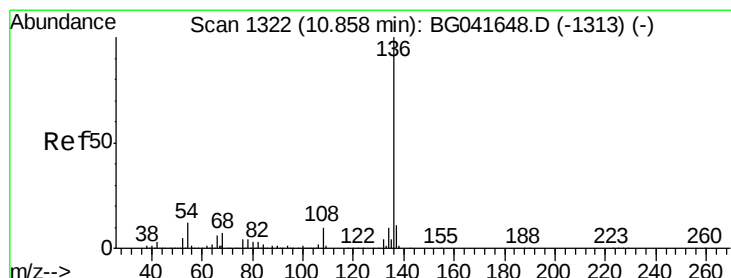
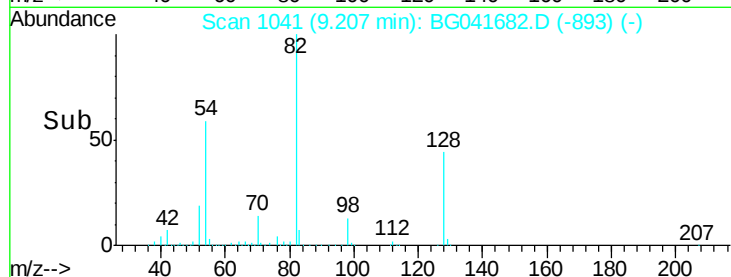
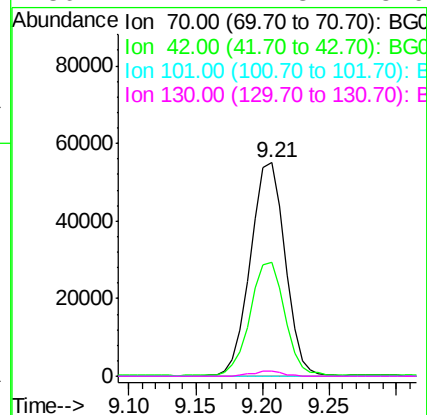
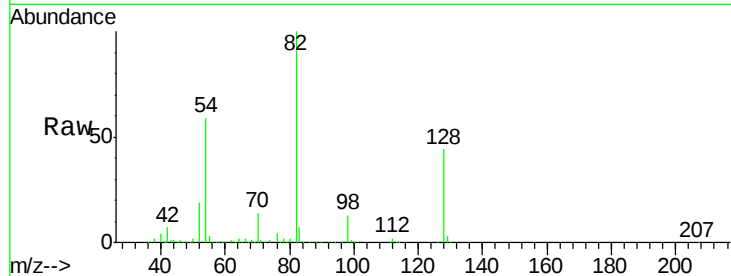




#19
n-Nitroso-di-n-propylamine
Concen: 14.467 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.34 min
Lab File: BG041682.D
Acq: 17 Jul 2019 6:27

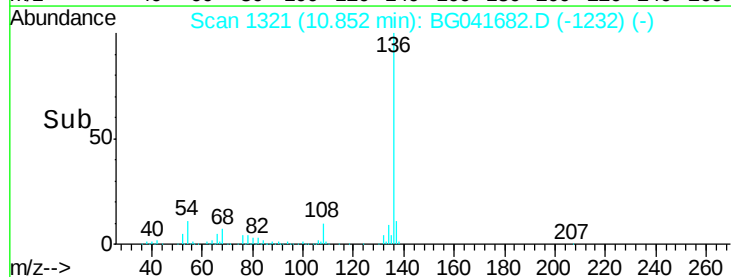
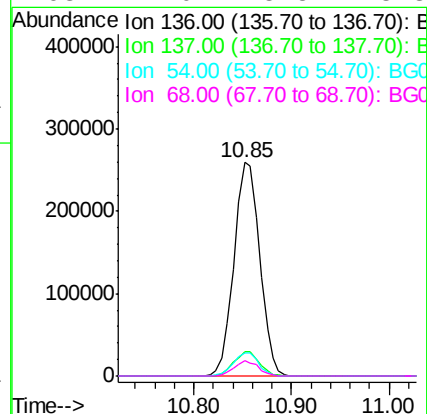
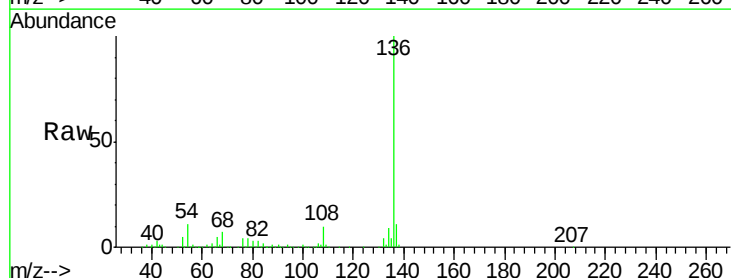
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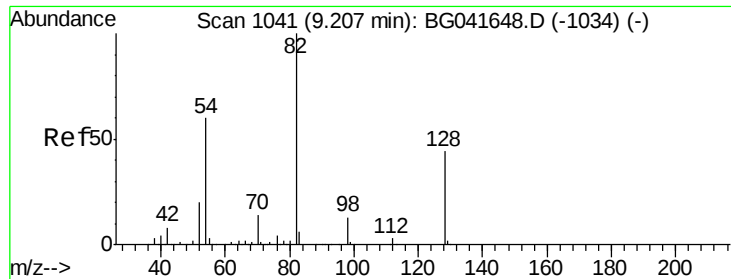
Tgt Ion: 70 Resp: 98999
Ion Ratio Lower Upper
70 100
42 53.4 55.8 83.6#
101 0.0 8.1 12.1#
130 2.1 17.3 25.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041682.D
Acq: 17 Jul 2019 6:27

Tgt Ion: 136 Resp: 475699
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 10.9 8.7 13.1
68 7.0 5.5 8.3

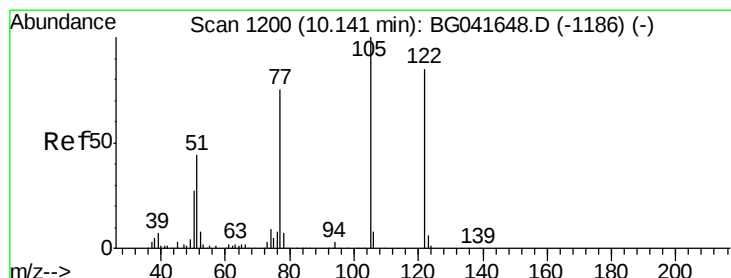
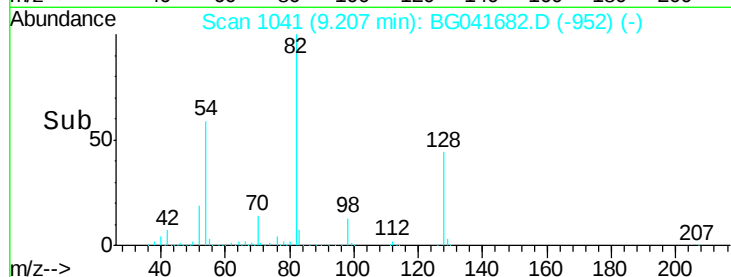
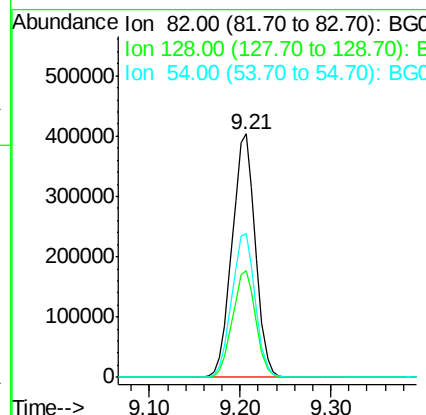
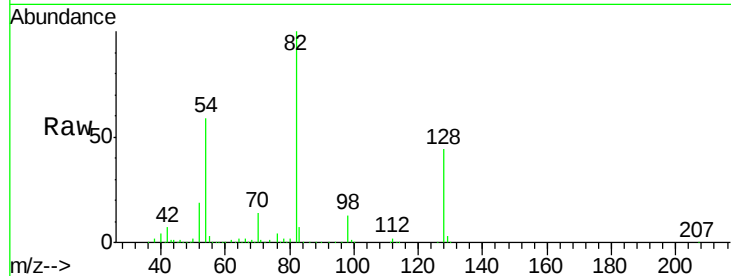




#23
Nitrobenzene-d5
Concen: 92.476 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041682.D
Acq: 17 Jul 2019 6:27

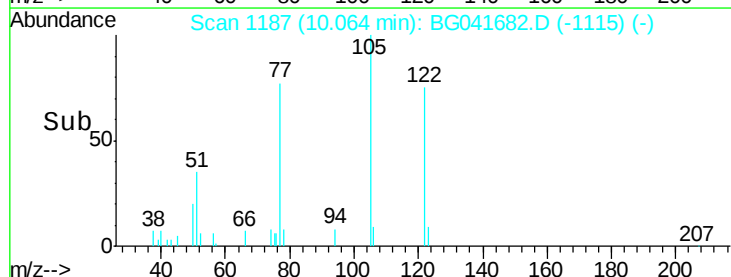
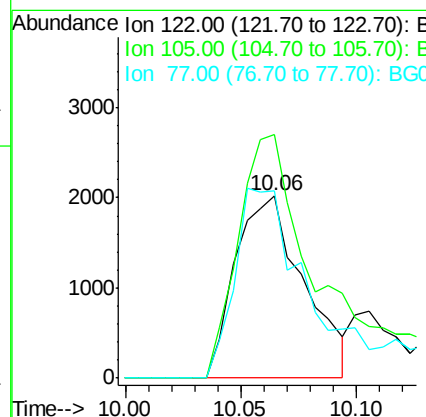
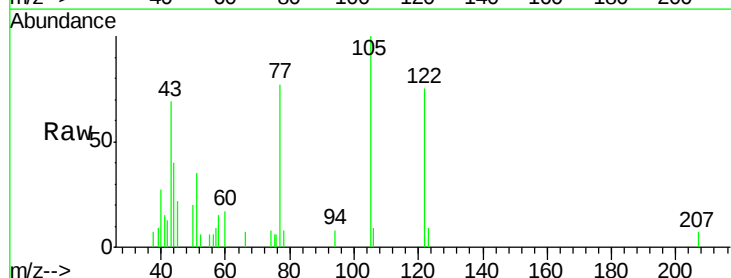
Instrument :
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ClientSampleId :
EO-02-071519-A

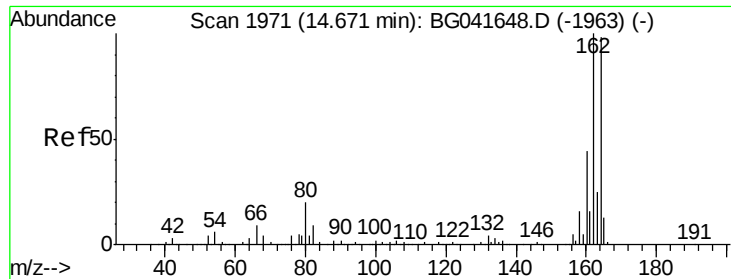
Tgt Ion: 82 Resp: 723357
Ion Ratio Lower Upper
82 100
128 43.9 35.1 52.7
54 59.2 48.7 73.1



#32
Benzoic acid
Concen: 6.717 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.10 min
Lab File: BG041682.D
Acq: 17 Jul 2019 6:27

Tgt Ion: 122 Resp: 4149
Ion Ratio Lower Upper
122 100
105 133.6 101.5 141.5
77 103.1 73.0 113.0

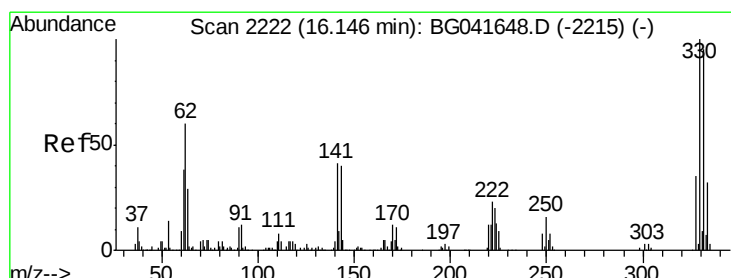
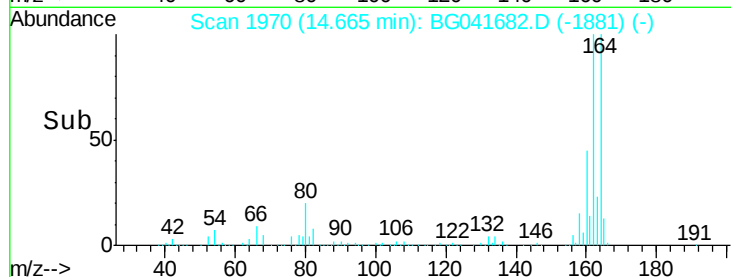
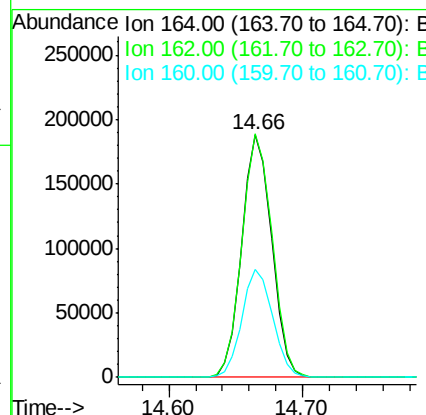
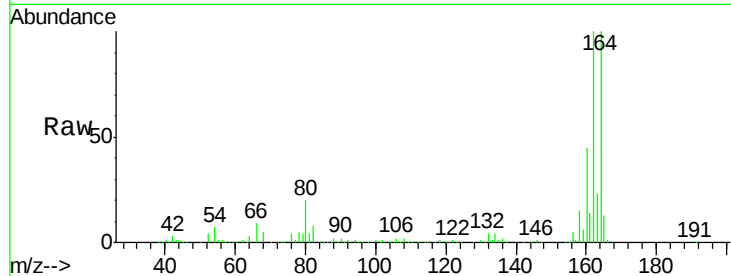




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG041682.D
 Acq: 17 Jul 2019 6:27

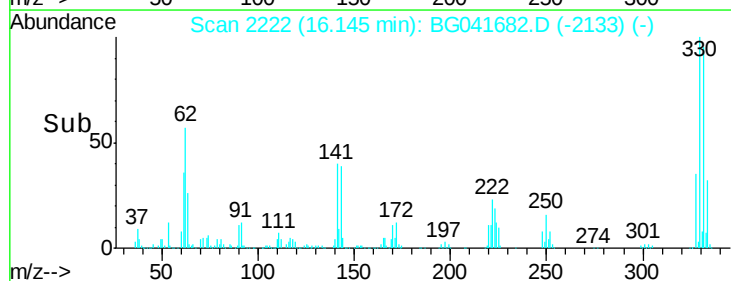
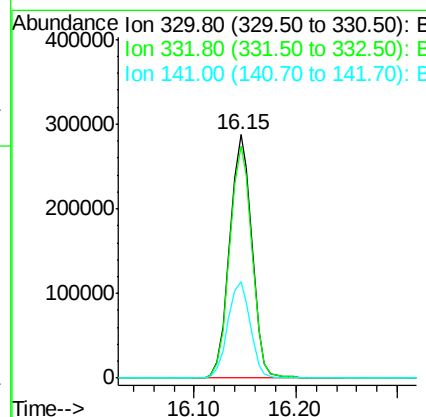
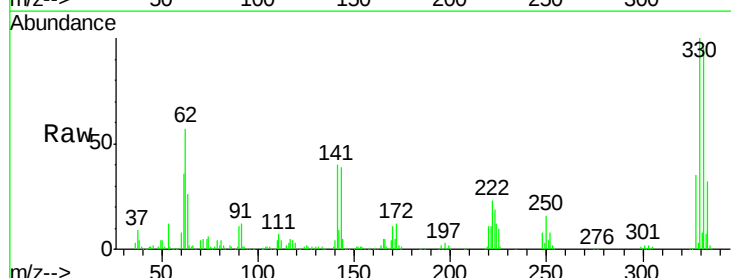
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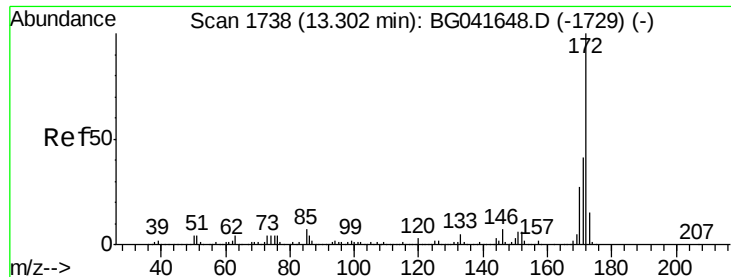
Tgt Ion:164 Resp: 290926
 Ion Ratio Lower Upper
 164 100
 162 100.4 79.6 119.4
 160 44.7 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 133.539 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041682.D
 Acq: 17 Jul 2019 6:27

Tgt Ion:330 Resp: 437833
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.0
 141 40.1 31.9 47.9

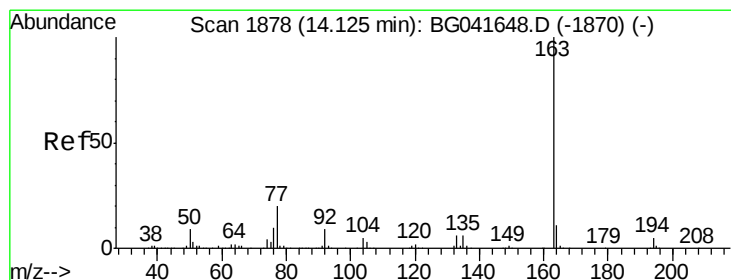
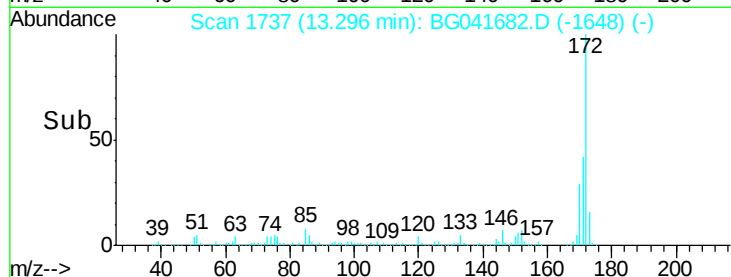
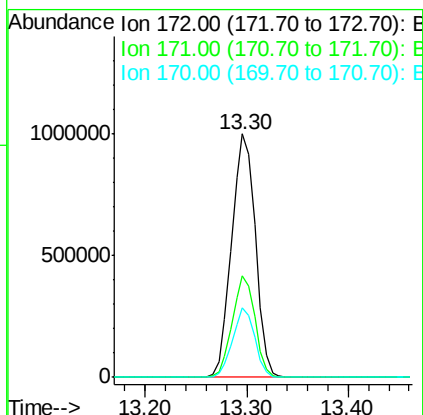
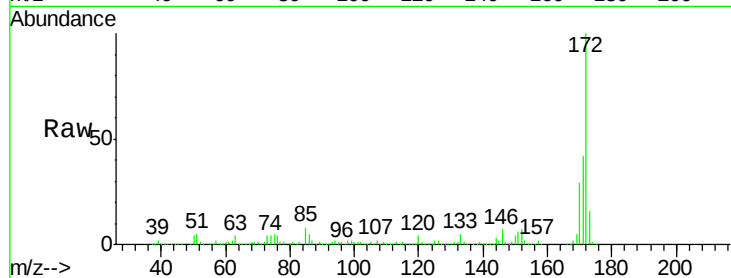




#45
2-Fluorobiphenyl
Concen: 86.395 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041682.D
Acq: 17 Jul 2019 6:27

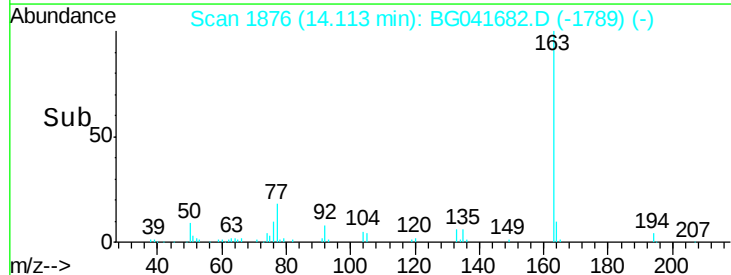
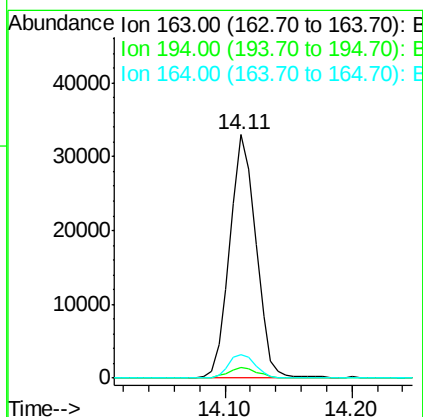
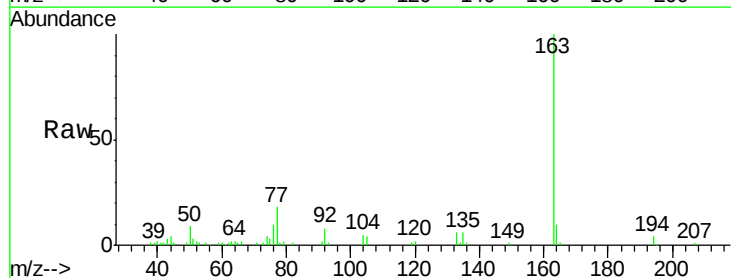
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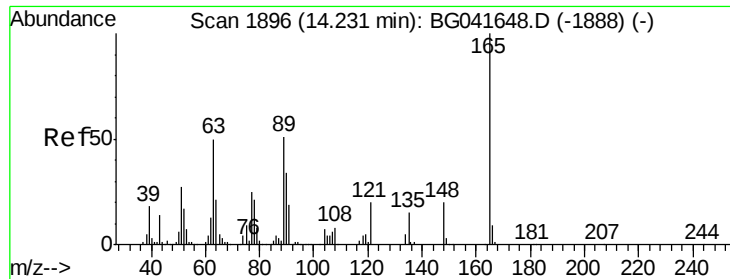
Tgt Ion:172 Resp: 1623165
Ion Ratio Lower Upper
172 100
171 41.6 35.0 52.4
170 28.8 23.5 35.3



#50
Dimethylphthalate
Concen: 2.067 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG041682.D
Acq: 17 Jul 2019 6:27

Tgt Ion:163 Resp: 47222
Ion Ratio Lower Upper
163 100
194 4.3 4.2 6.2
164 9.7 9.4 14.2

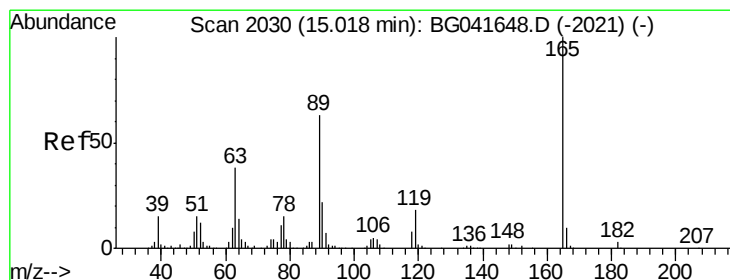
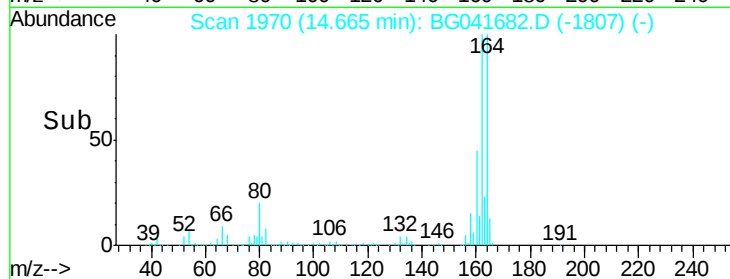
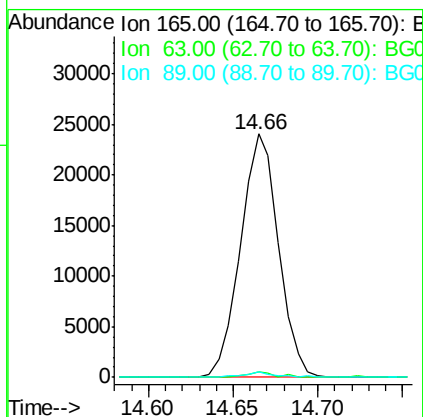
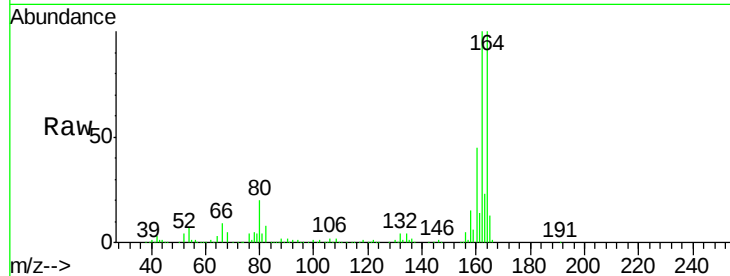




#51
 2,6-Dinitrotoluene
 Concen: 7.744 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.43 min
 Lab File: BG041682.D
 Acq: 17 Jul 2019 6:27

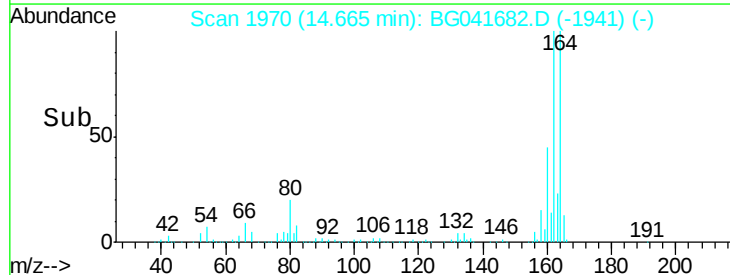
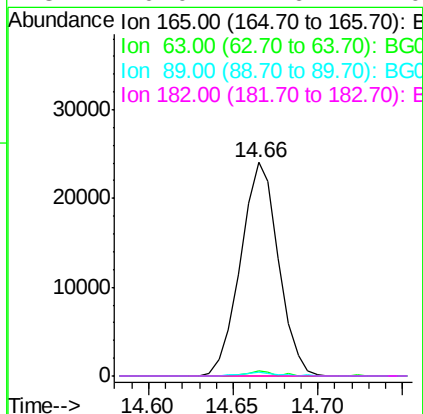
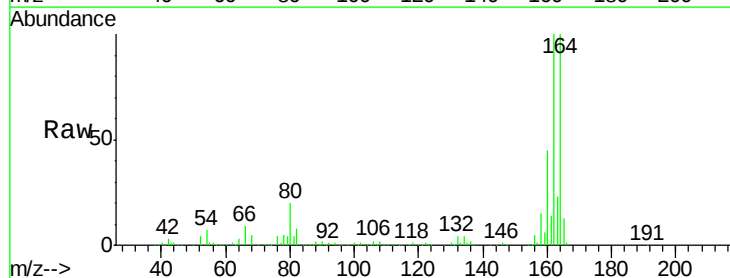
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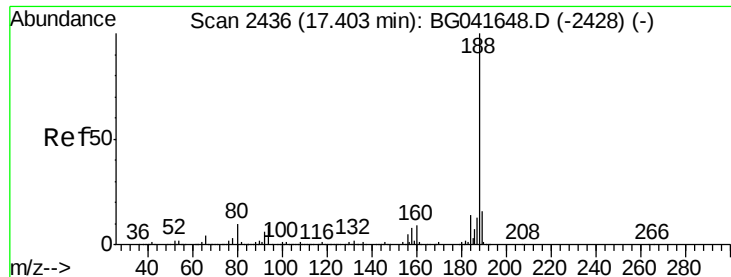
Tgt Ion:165 Resp: 37533
 Ion Ratio Lower Upper
 165 100
 63 2.3 42.4 63.6#
 89 2.1 42.1 63.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.859 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041682.D
 Acq: 17 Jul 2019 6:27

Tgt Ion:165 Resp: 37533
 Ion Ratio Lower Upper
 165 100
 63 2.3 31.7 47.5#
 89 2.1 50.2 75.4#
 182 0.0 2.6 4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041682.D

Acq: 17 Jul 2019 6:27

Instrument :

BNA_G

ClientSampleId :

EO-02-071519-A

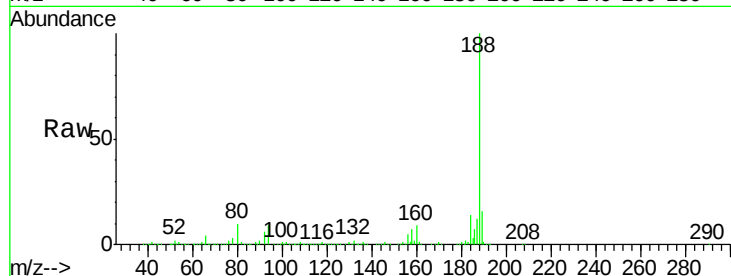
Tgt Ion:188 Resp: 705342

Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

80 10.1 8.0 12.0

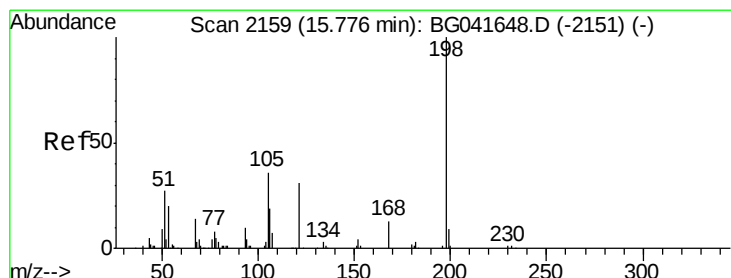
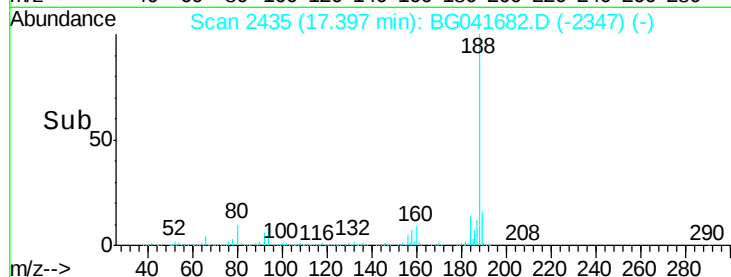


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.30 17.40 17.50



#65

4,6-Dinitro-2-methylphenol

Concen: 7.005 ng

RT: 16.15 min Scan# 2222

Delta R.T. 0.37 min

Lab File: BG041682.D

Acq: 17 Jul 2019 6:27

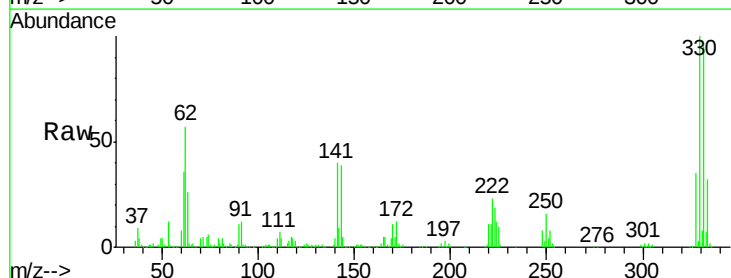
Tgt Ion:198 Resp: 1286

Ion Ratio Lower Upper

198 100

51 134.1 22.3 62.3#

105 147.0 18.0 58.0#

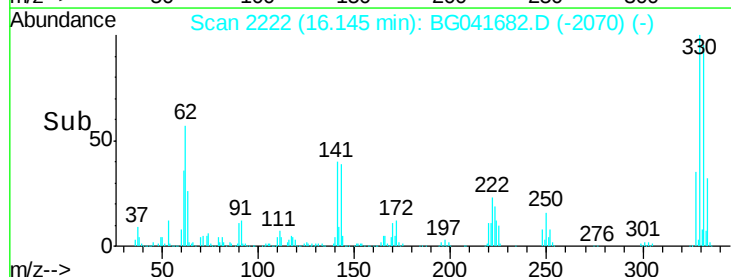


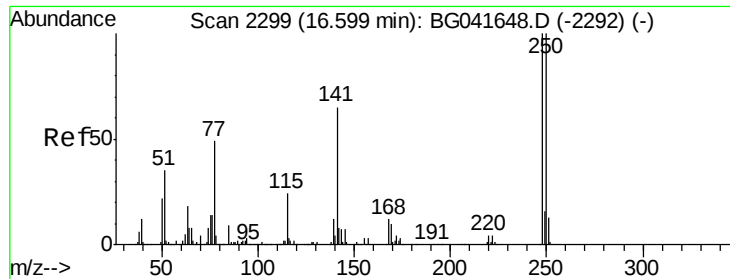
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time--> 16.10 16.15

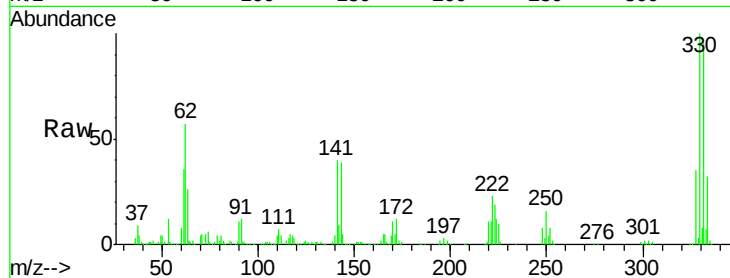




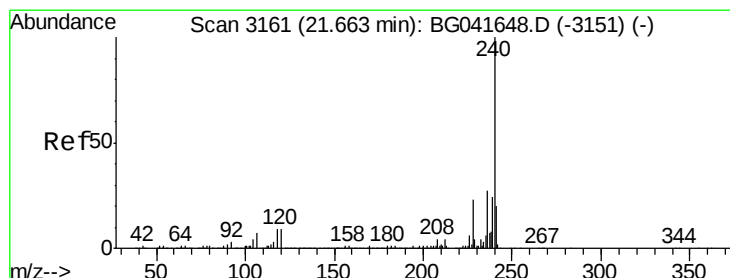
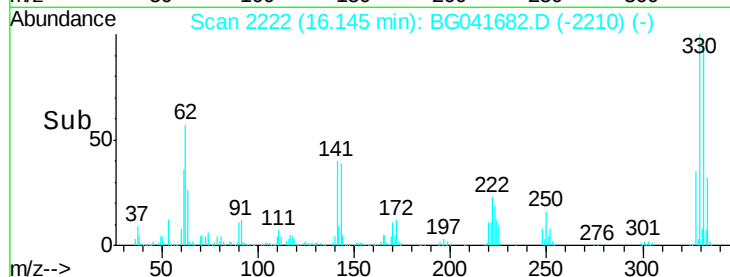
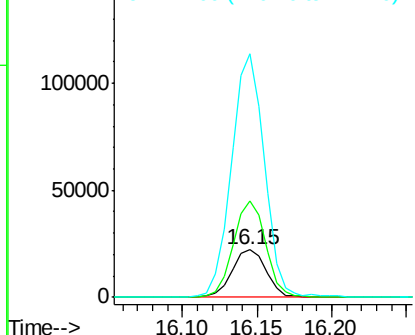
#67
 4-Bromophenyl-phenylether
 Concen: 4.231 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG041682.D
 Acq: 17 Jul 2019 6:27

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-071519-A

Tgt Ion:248 Resp: 35507
 Ion Ratio Lower Upper
 248 100
 250 202.2 78.1 117.1#
 141 510.1 49.6 74.4#

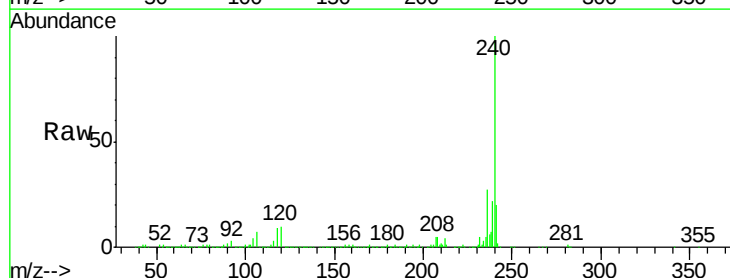


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

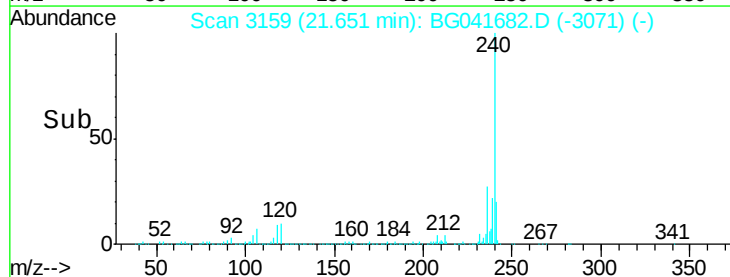
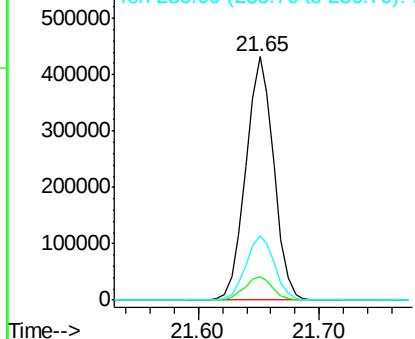


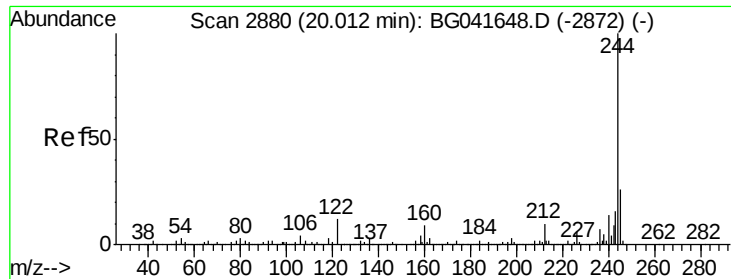
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041682.D
 Acq: 17 Jul 2019 6:27

Tgt Ion:240 Resp: 694468
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.0 12.0
 236 26.7 22.6 33.8



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





#79

Terphenyl-d14

Concen: 83.269 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041682.D

Acq: 17 Jul 2019 6:27

Instrument :

BNA_G

ClientSampleId :

EO-02-071519-A

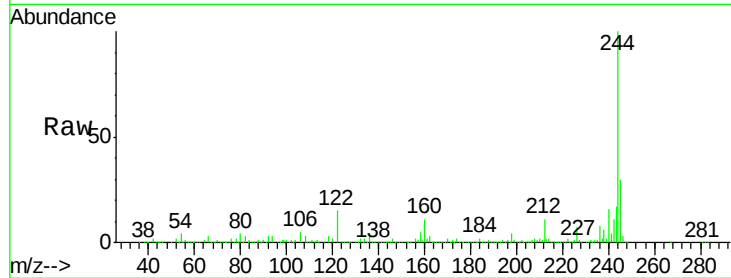
Tgt Ion:244 Resp: 2474565

Ion Ratio Lower Upper

244 100

212 11.3 9.7 14.5

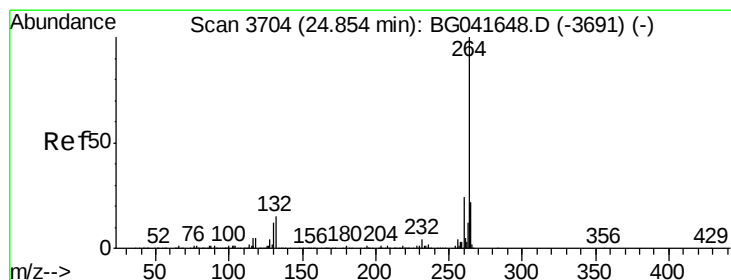
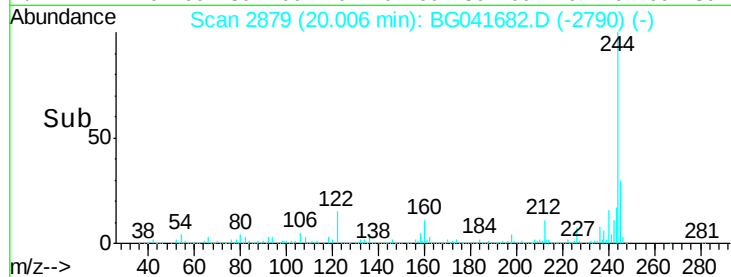
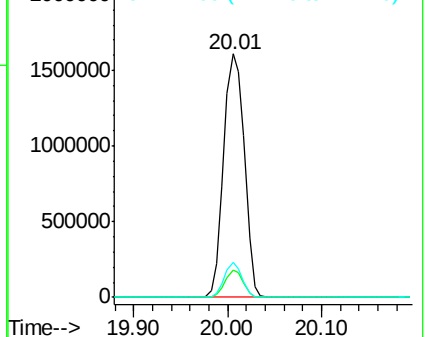
122 14.5 12.5 18.7



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# 3703

Delta R.T. -0.02 min

Lab File: BG041682.D

Acq: 17 Jul 2019 6:27

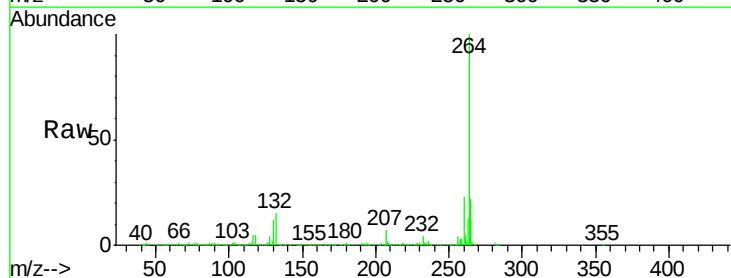
Tgt Ion:264 Resp: 788738

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.3 18.0 27.0



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

