

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071619\
 Data File : BG041680.D
 Acq On : 17 Jul 2019 5:10
 Operator : HP/JU
 Sample : K3623-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jul 17 07:23:48 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	112854	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	455886	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	282886	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	703848	20.00	ng	0.00
76) Chrysene-d12	21.65	240	704281	20.00	ng	-0.01
87) Perylene-d12	24.85	264	796162	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	733548	106.26	ng	0.00
7) Phenol-d6	7.20	99	939458	101.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	682607	91.06	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	420552	131.91	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1544133	84.52	ng	0.00
79) Terphenyl-d14	20.01	244	2452755	81.38	ng	0.00

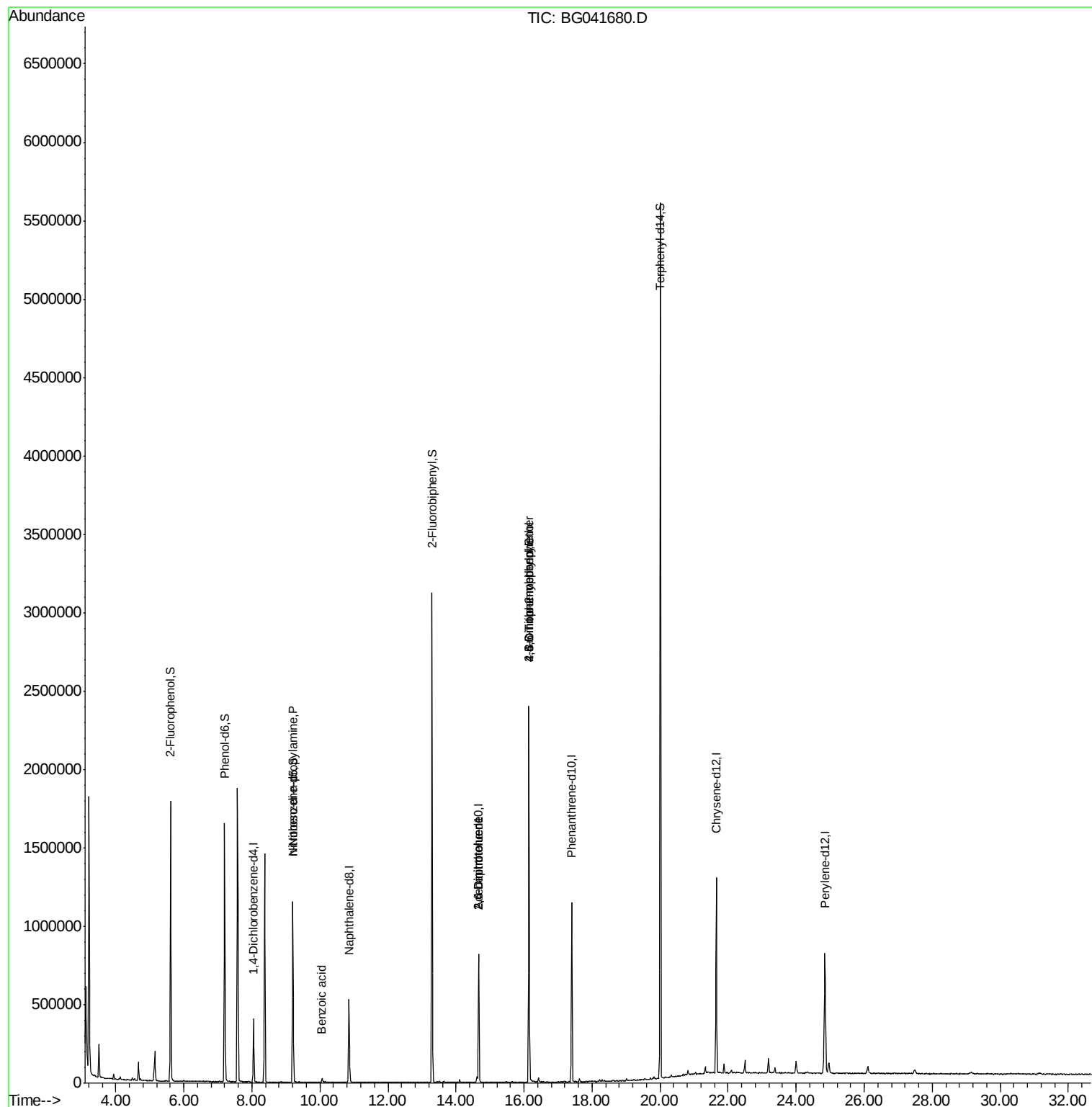
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.20	77	1838	Below Cal		# 3
19) n-Nitroso-di-n-propylamine	9.21	70	93254	13.740	ng	# 72
32) Benzoic acid	10.06	122	10136	7.810	ng	# 96
51) 2,6-Dinitrotoluene	14.67	165	36805	7.810	ng	# 28
57) 2,4-Dinitrotoluene	14.67	165	36805	5.908	ng	# 30
65) 4,6-Dinitro-2-methylphenol	16.15	198	1558	7.075	ng	# 1
67) 4-Bromophenyl-phenylether	16.15	248	33897	4.047	ng	# 1

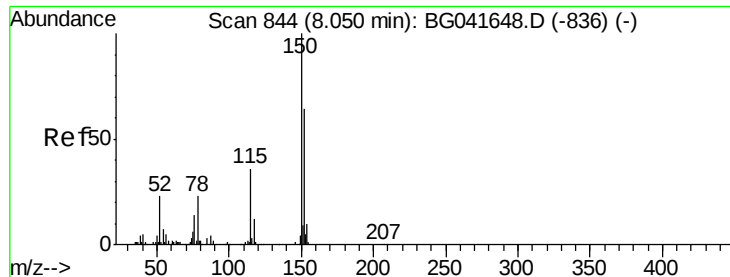
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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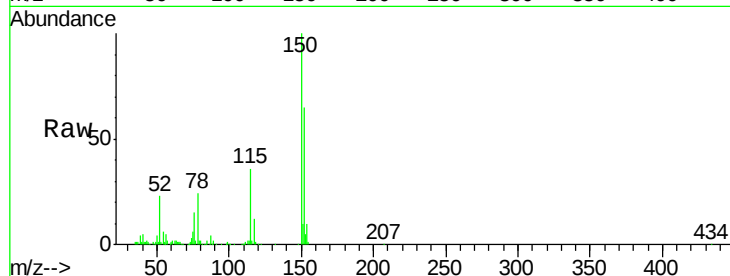


#1

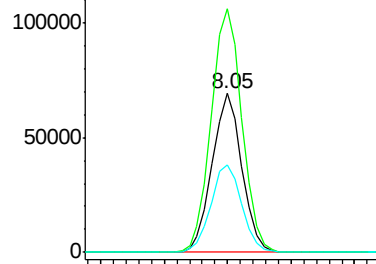
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

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

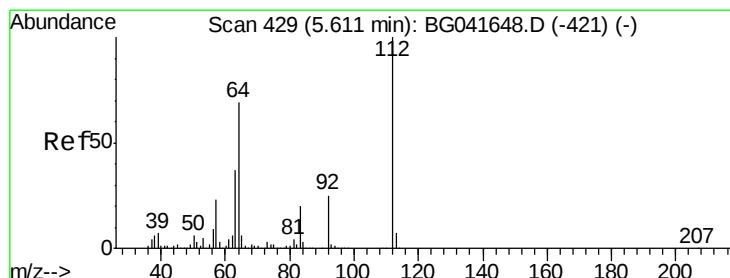
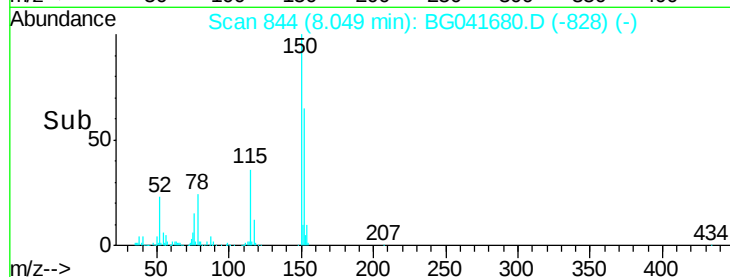
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.9	190.3
115	55.3	45.0	67.6



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



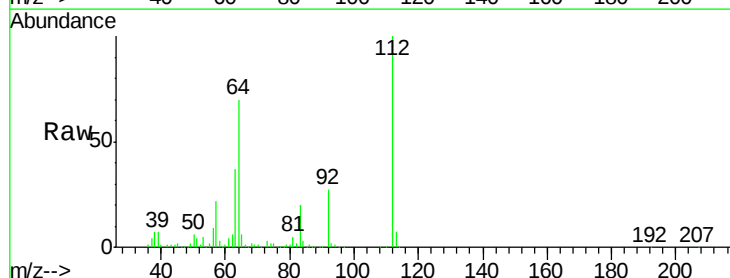
Time-->



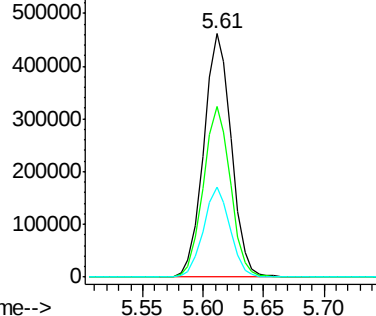
#5

2-Fluorophenol
Concen: 106.258 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

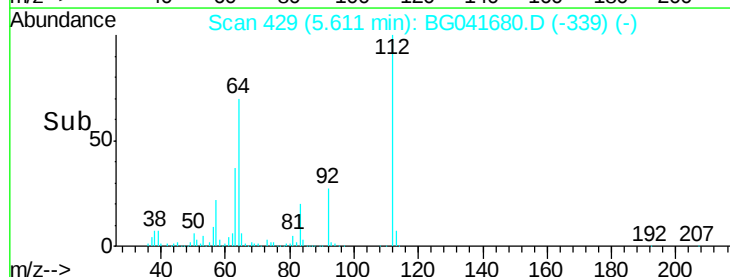
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	55.4	83.2
63	37.0	29.1	43.7

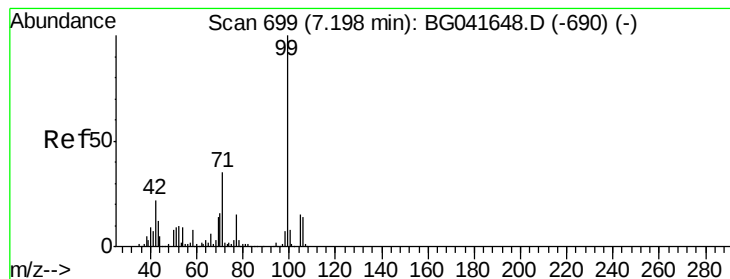


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG



Time-->





#7

Phenol-d6

Concen: 101.175 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041680.D

Acq: 17 Jul 2019 5:10

Instrument :

BNA_G

ClientSampleId :

EO-02-071519-B

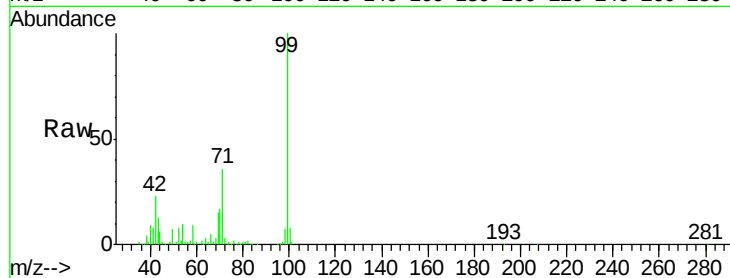
Tgt Ion: 99 Resp: 939458

Ion Ratio Lower Upper

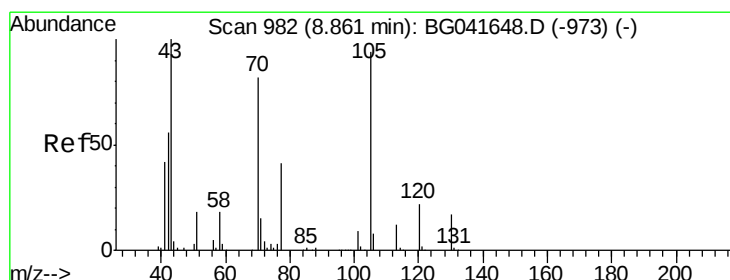
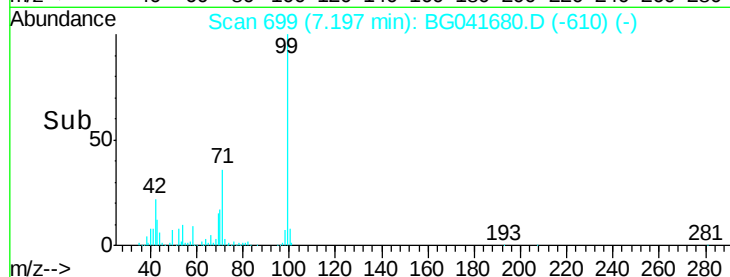
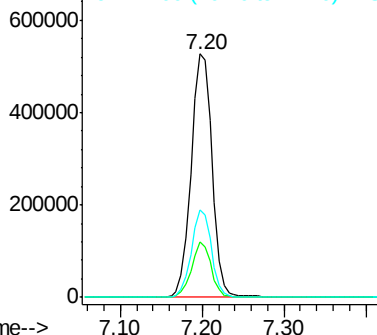
99 100

42 22.5 17.6 26.4

71 35.8 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: 13.740 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.34 min

Lab File: BG041680.D

Acq: 17 Jul 2019 5:10

Tgt Ion: 70 Resp: 93254

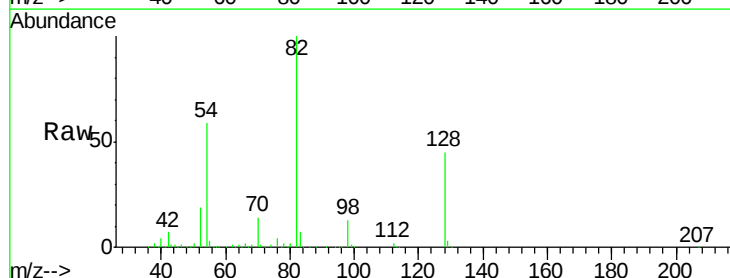
Ion Ratio Lower Upper

70 100

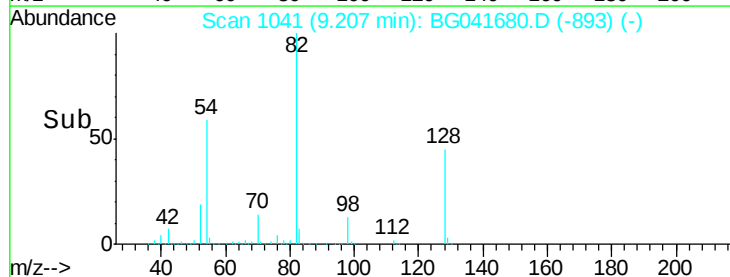
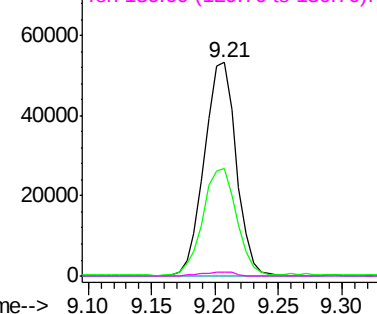
42 50.6 55.8 83.6#

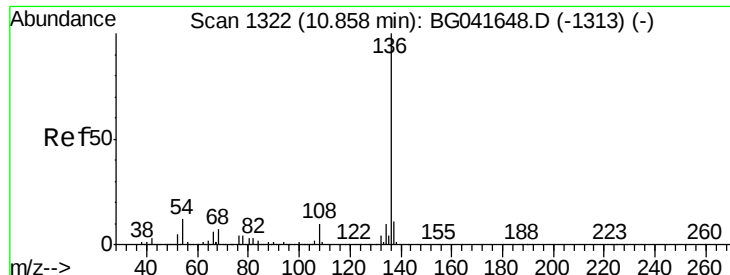
101 0.0 8.1 12.1#

130 1.8 17.3 25.9#



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

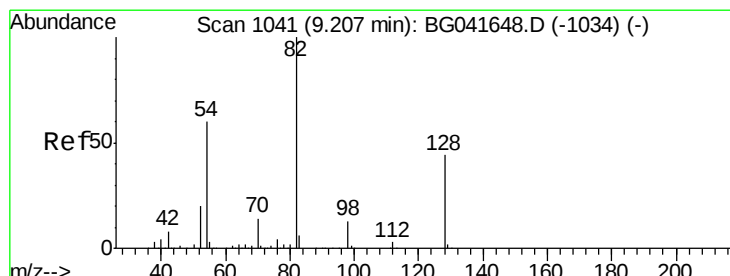
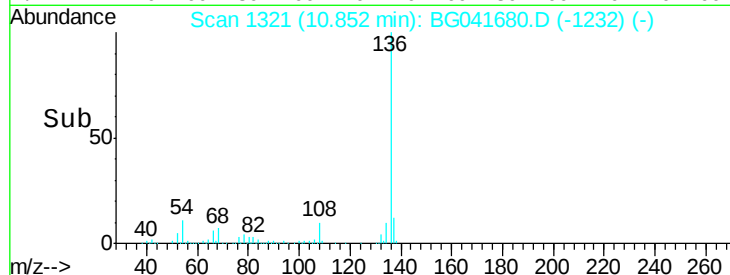
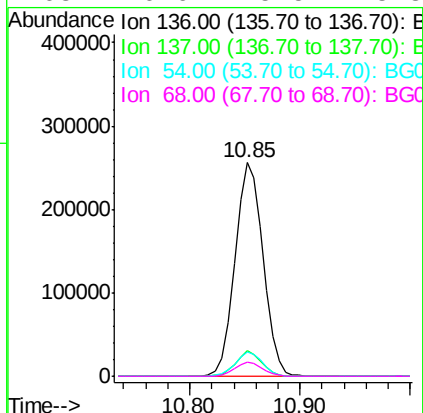
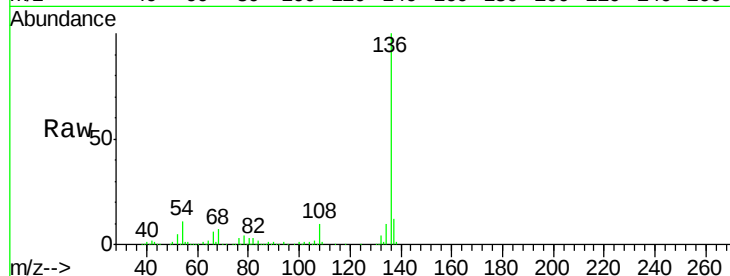




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

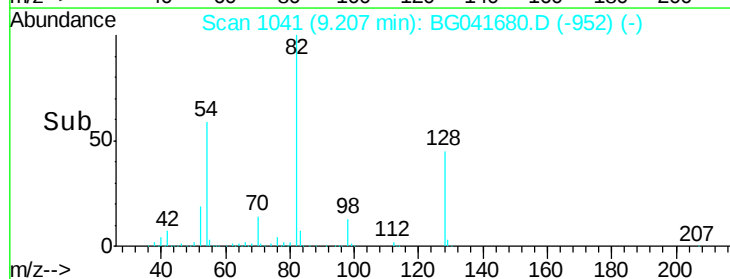
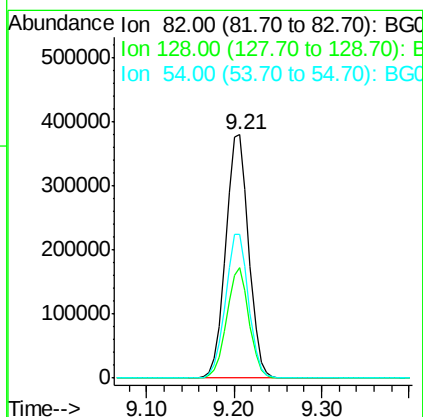
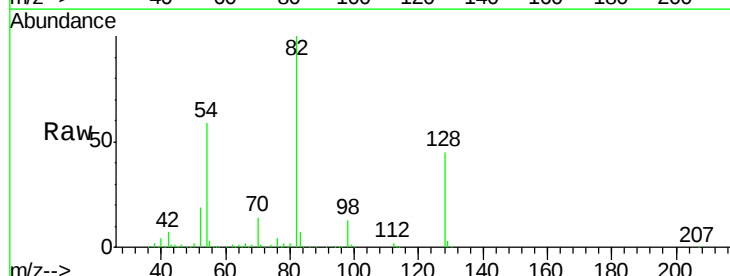
Instrument :
BNA_G
ClientSampleId :
EO-02-071519-B

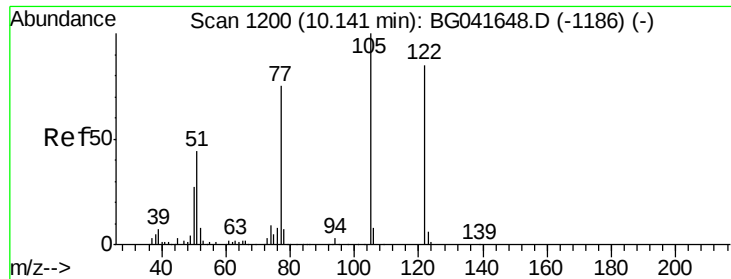
Tgt Ion:	136	Resp:	455886
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	11.4	8.7	13.1
68	6.6	5.5	8.3



#23
Nitrobenzene-d5
Concen: 91.060 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

Tgt Ion:	82	Resp:	682607
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	59.3	48.7	73.1





#32

Benzoic acid

Concen: 7.810 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.11 min

Lab File: BG041680.D

Acq: 17 Jul 2019 5:10

Instrument :

BNA_G

ClientSampleId :

EO-02-071519-B

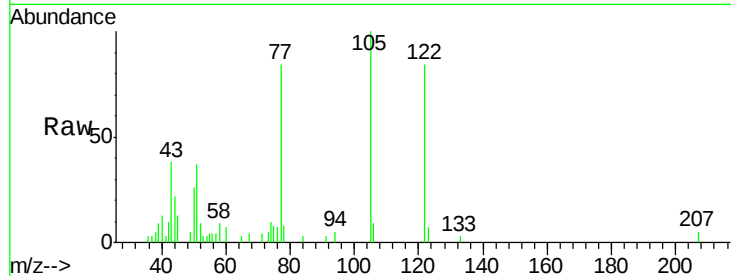
Tgt Ion:122 Resp: 10136

Ion Ratio Lower Upper

122 100

105 119.3 101.5 141.5

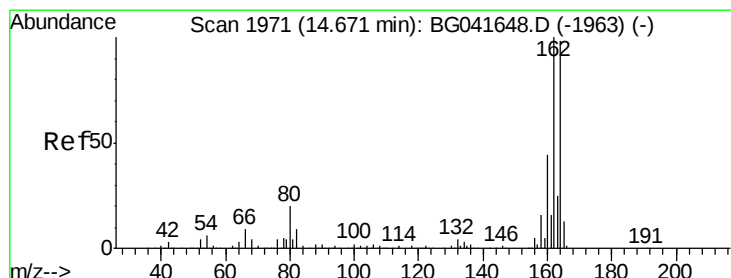
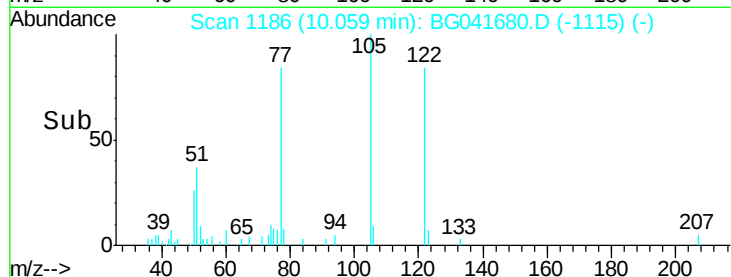
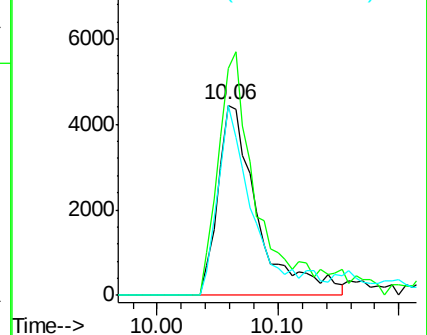
77 100.0 73.0 113.0



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): B



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG041680.D

Acq: 17 Jul 2019 5:10

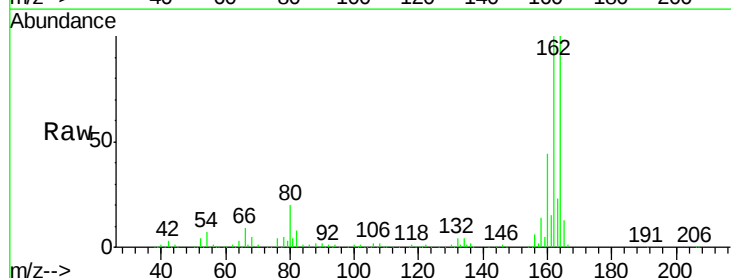
Tgt Ion:164 Resp: 282886

Ion Ratio Lower Upper

164 100

162 99.7 79.6 119.4

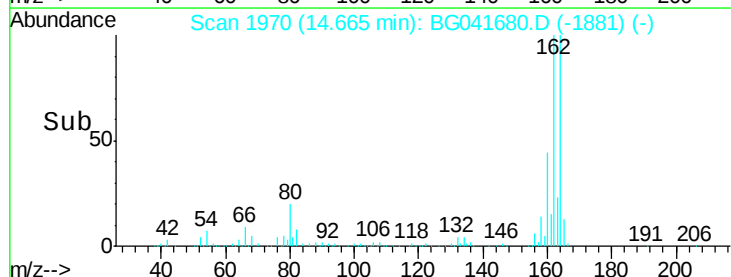
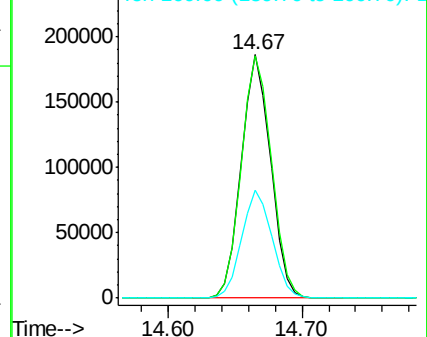
160 44.2 35.4 53.0

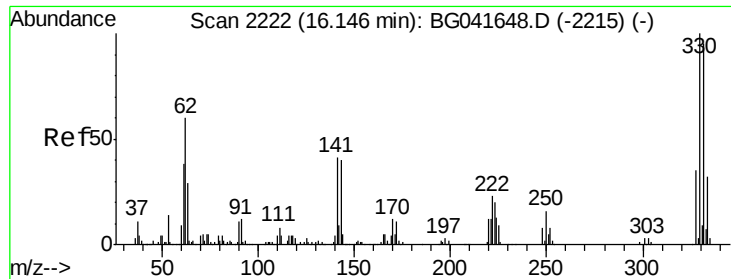


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

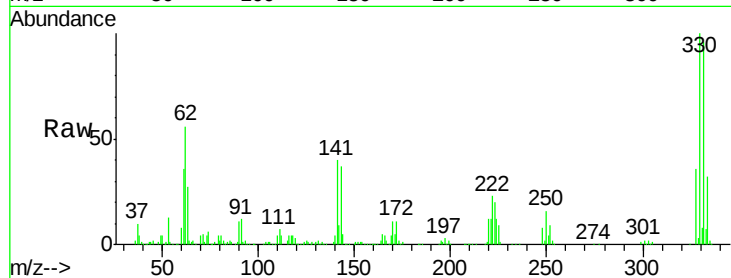




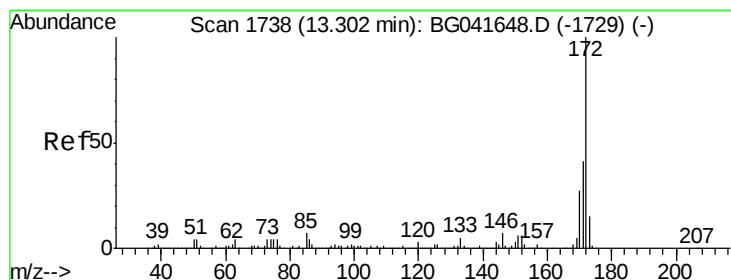
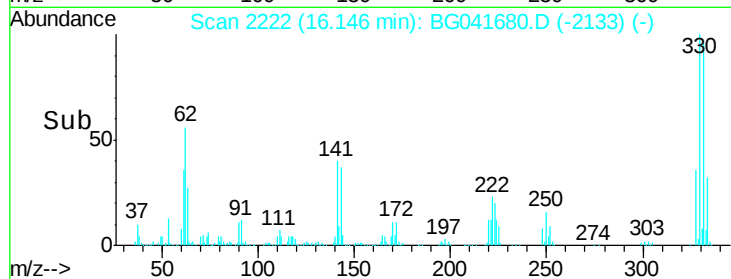
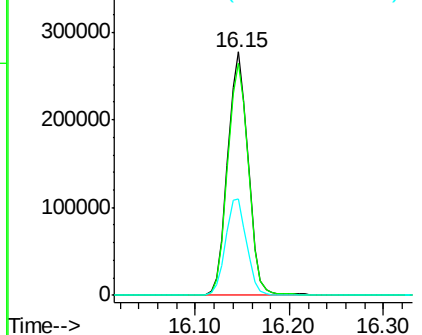
#42
 2,4,6-Tribromophenol
 Concen: 131.914 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

Instrument :
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 EO-02-071519-B

Tgt Ion:330 Resp: 420552
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 40.8 31.9 47.9

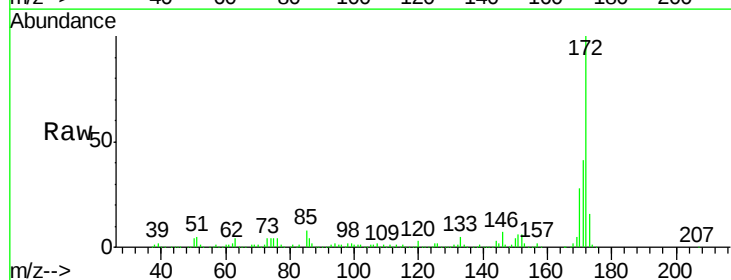


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

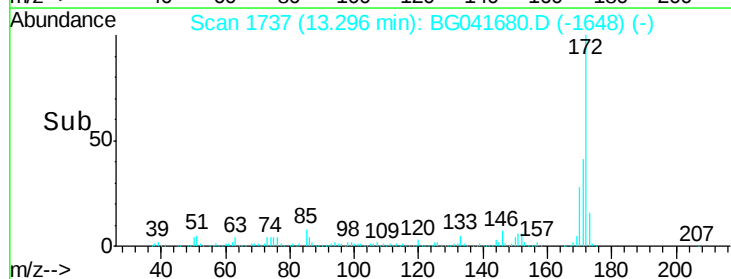
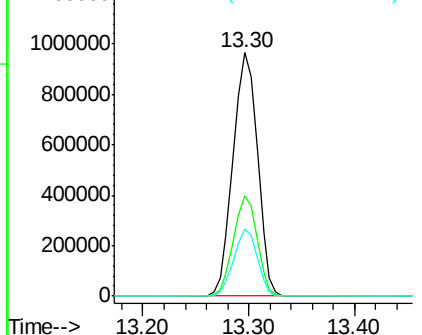


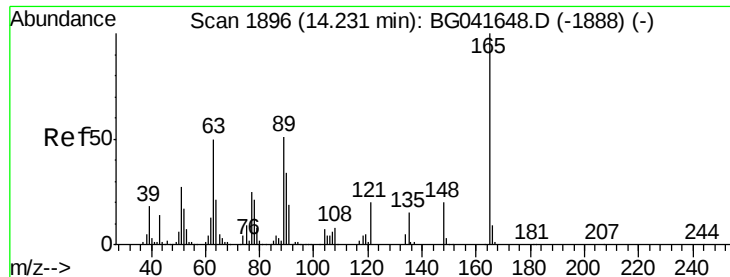
#45
 2-Fluorobiphenyl
 Concen: 84.525 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

Tgt Ion:172 Resp: 1544133
 Ion Ratio Lower Upper
 172 100
 171 40.9 35.0 52.4
 170 27.7 23.5 35.3



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

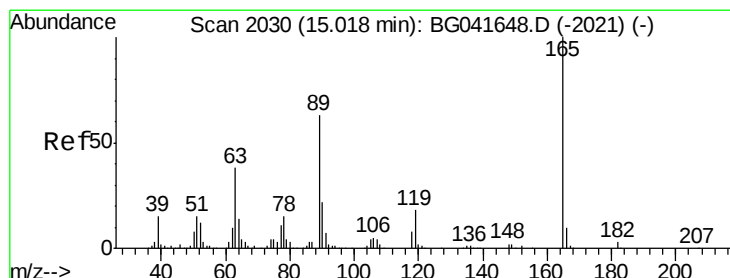
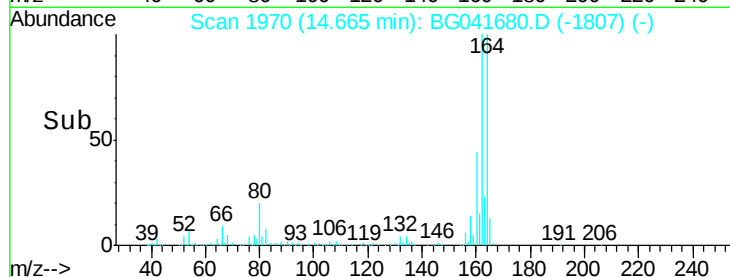
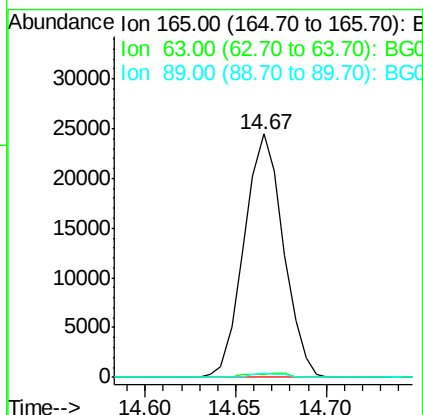
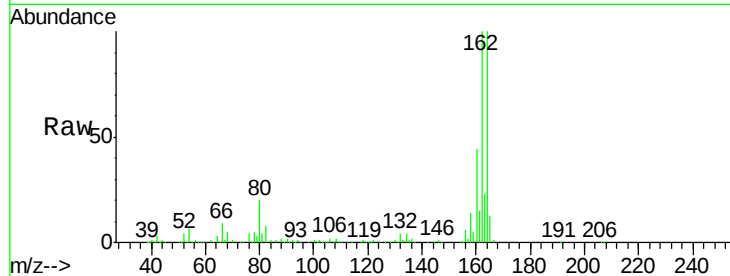




#51
 2,6-Dinitrotoluene
 Concen: 7.810 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. 0.43 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

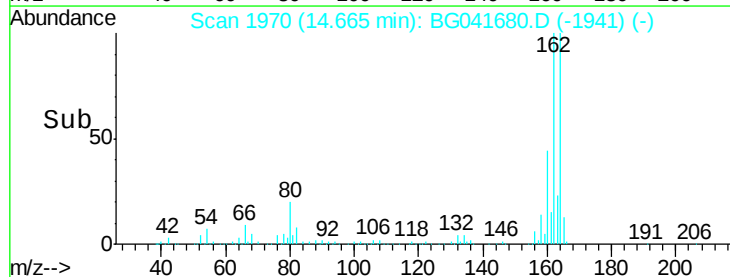
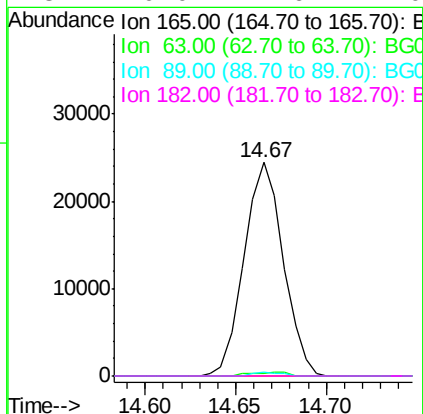
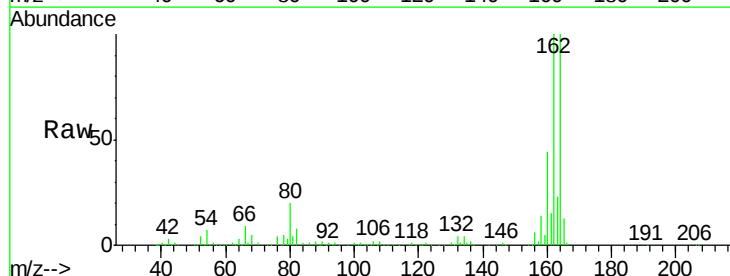
Instrument :
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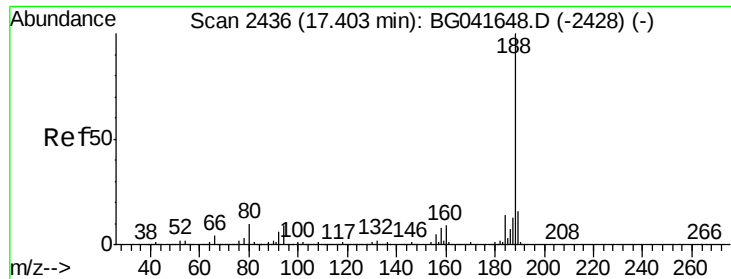
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.4	63.6#
89	1.8	42.1	63.1#



#57
 2,4-Dinitrotoluene
 Concen: 5.908 ng
 RT: 14.67 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	31.7	47.5#
89	1.8	50.2	75.4#
182	0.0	2.6	4.0#

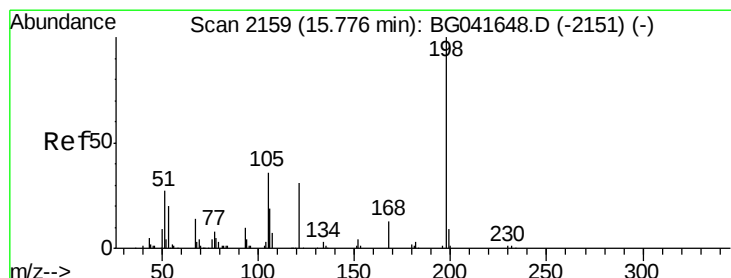
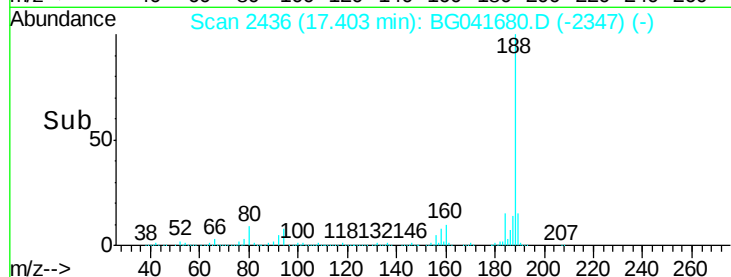
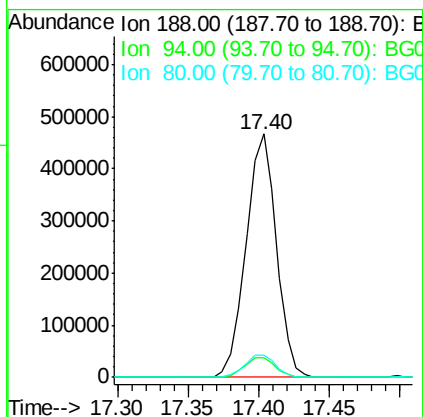
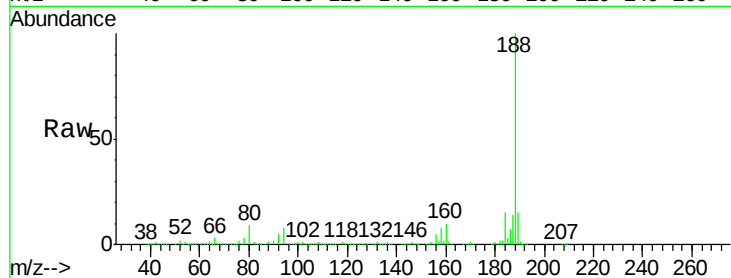




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

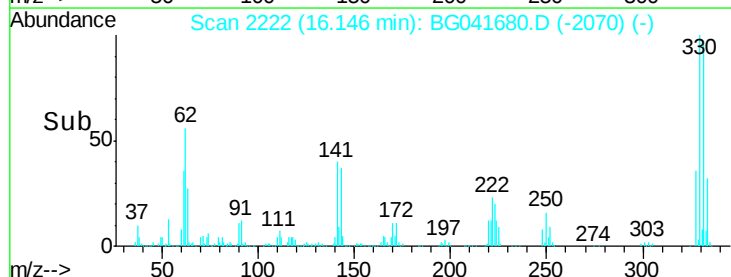
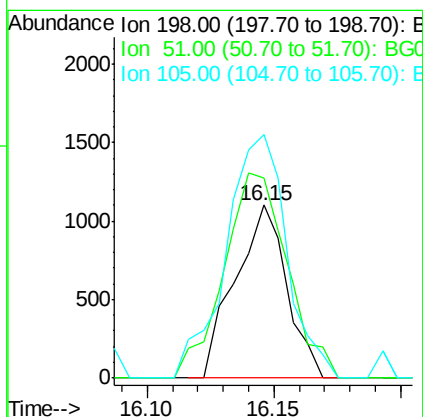
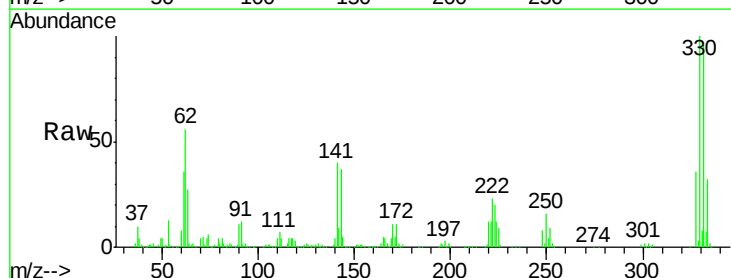
Instrument :
BNA_G
ClientSampleId :
EO-02-071519-B

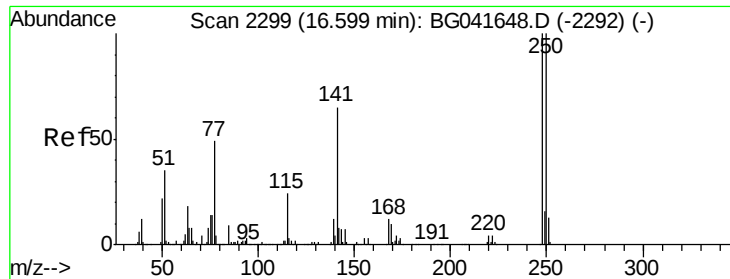
Tgt Ion:188 Resp: 703848
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.1 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.075 ng
RT: 16.15 min Scan# 2222
Delta R.T. 0.37 min
Lab File: BG041680.D
Acq: 17 Jul 2019 5:10

Tgt Ion:198 Resp: 1558
Ion Ratio Lower Upper
198 100
51 116.1 22.3 62.3#
105 140.9 18.0 58.0#

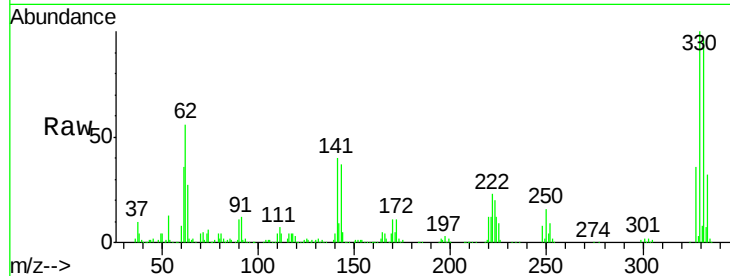




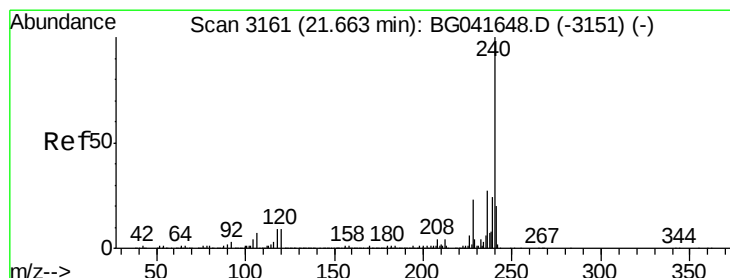
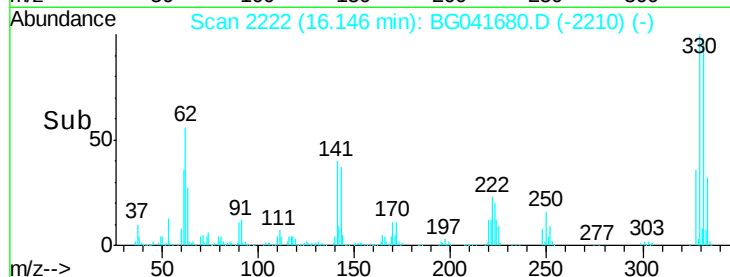
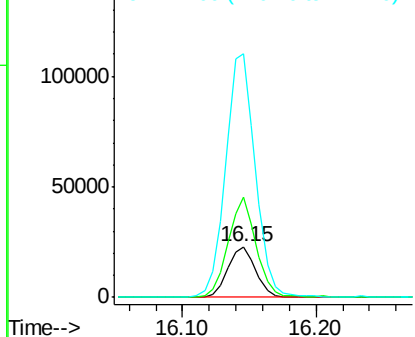
#67
 4-Bromophenyl-phenylether
 Concen: 4.047 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.46 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

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

Tgt Ion:248 Resp: 33897
 Ion Ratio Lower Upper
 248 100
 250 196.7 78.1 117.1#
 141 478.0 49.6 74.4#

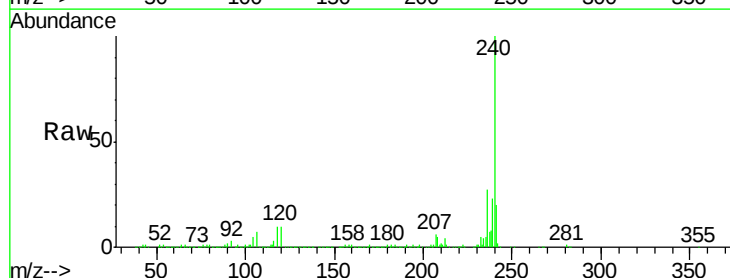


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

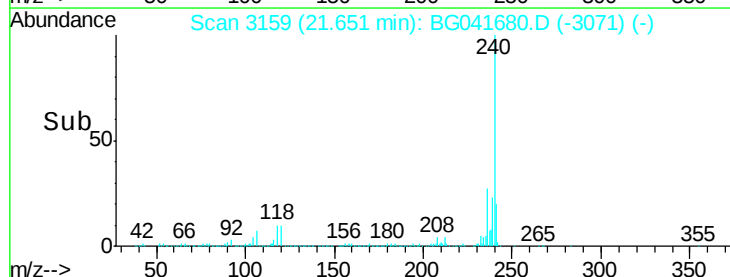
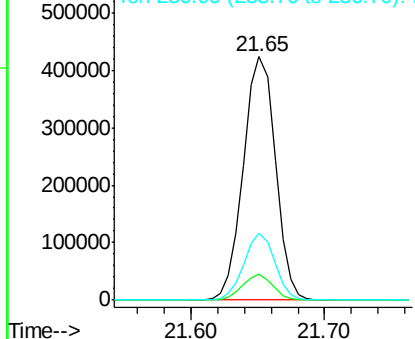


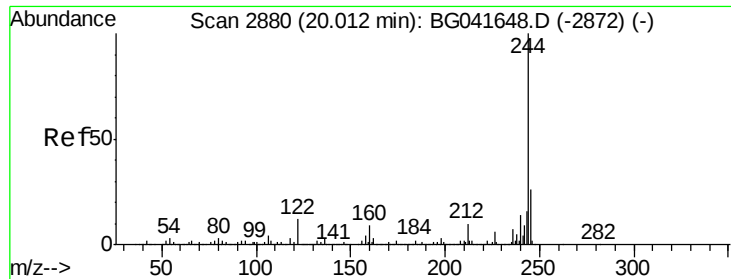
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BG041680.D
 Acq: 17 Jul 2019 5:10

Tgt Ion:240 Resp: 704281
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.0 12.0
 236 27.3 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: 81.385 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG041680.D

Acq: 17 Jul 2019 5:10

Instrument :

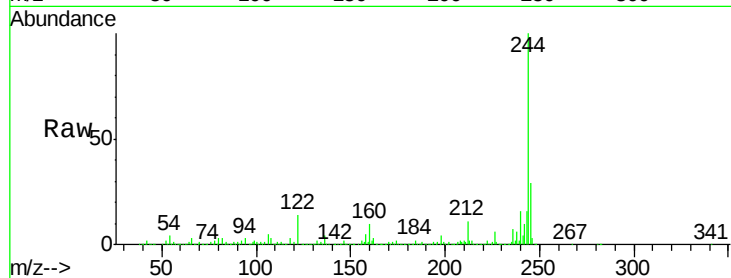
BNA_G

ClientSampleId :

EO-02-071519-B

Tgt Ion:244 Resp: 2452755

Ion	Ratio	Lower	Upper
244	100		
212	11.0	9.7	14.5
122	14.1	12.5	18.7

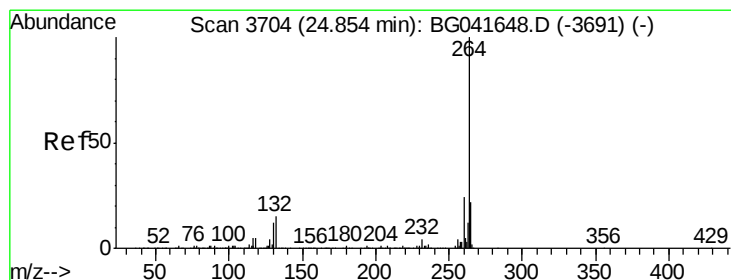
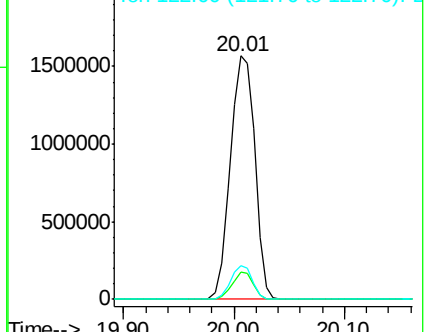
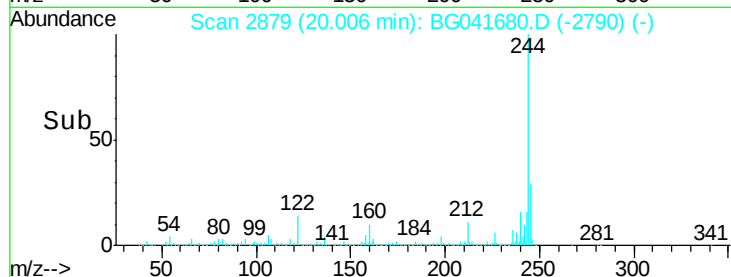


Abundance

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

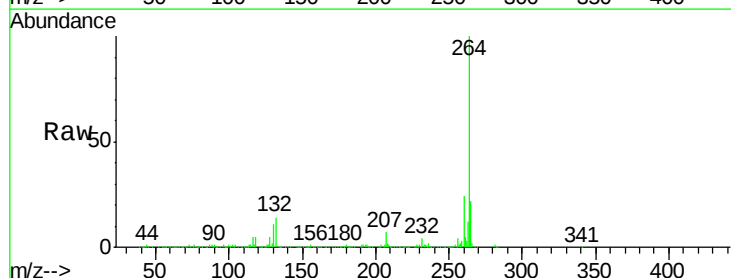
Delta R.T. -0.02 min

Lab File: BG041680.D

Acq: 17 Jul 2019 5:10

Tgt Ion:264 Resp: 796162

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.2	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

