

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041489.D
 Acq On : 27 Jun 2019 13:44
 Operator : HP/JU
 Sample : K3539-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-UNTREATED

Quant Time: Jun 28 05:51:28 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

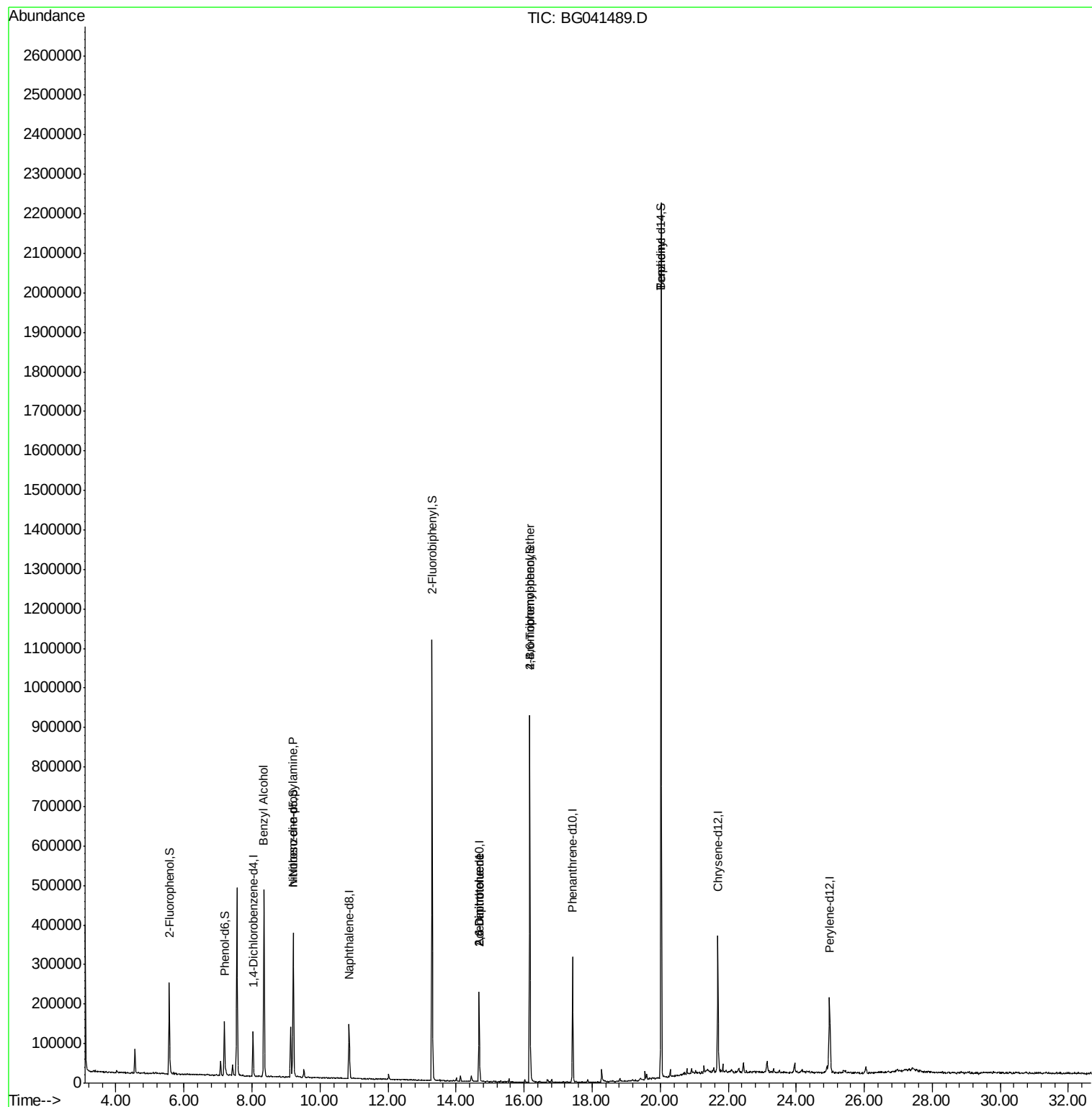
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	30405	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	115139	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	83246	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	206398	20.00	ng	0.00
76) Chrysene-d12	21.70	240	213243	20.00	ng	0.00
87) Perylene-d12	24.98	264	228572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	96799	56.76	ng	0.00
7) Phenol-d6	7.19	99	83040	34.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	236344	85.61	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	185538	130.53	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	572458	88.25	ng	0.00
79) Terphenyl-d14	20.03	244	1029901	102.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	4166	2.179	ng	# 54
19) n-Nitroso-di-n-propylamine	9.21	70	34539	19.287	ng	# 77
51) 2,6-Dinitrotoluene	14.67	165	10232	6.365	ng	# 17
57) 2,4-Dinitrotoluene	14.67	165	10232	4.387	ng	# 22
67) 4-Bromophenyl-phenylether	16.17	248	13208	4.683	ng	# 1
77) Benzidine	20.03	184	17428	3.683	ng	# 94

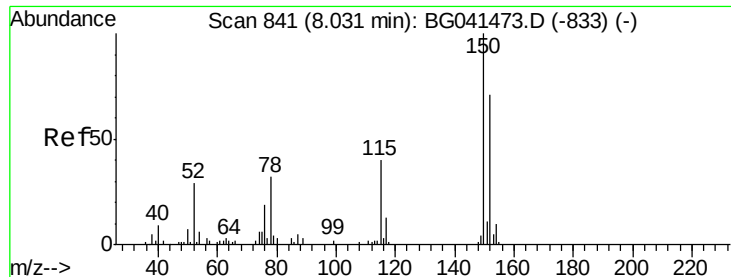
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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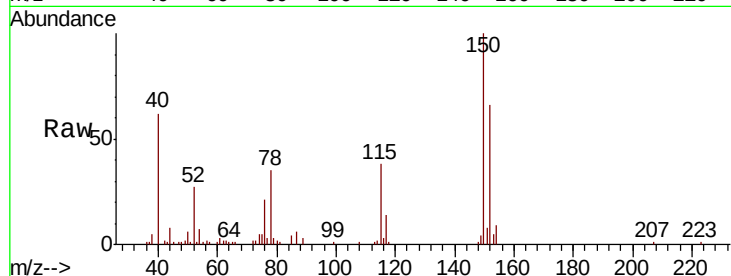


#1

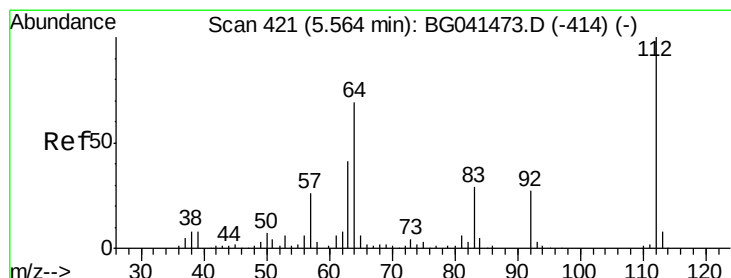
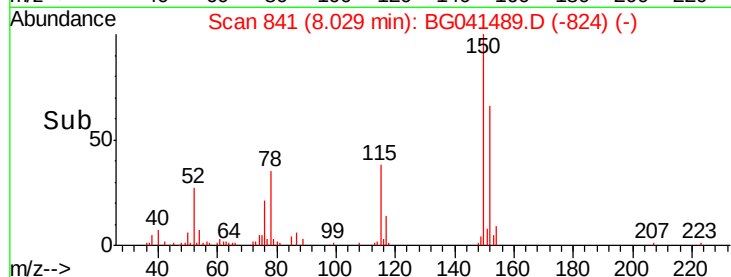
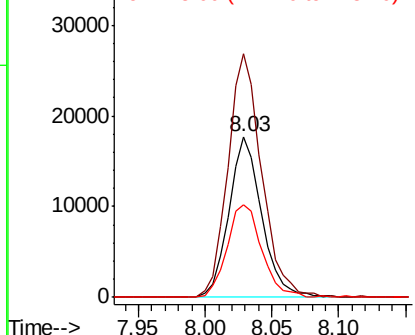
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041489.D
Acq: 27 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :
MH-J-B-UNTREATED

Tgt Ion:152 Resp: 30405
Ion Ratio Lower Upper
152 100
150 151.7 112.4 168.6
115 57.4 44.6 66.8



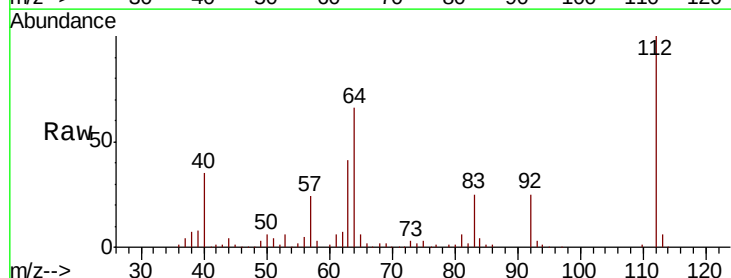
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



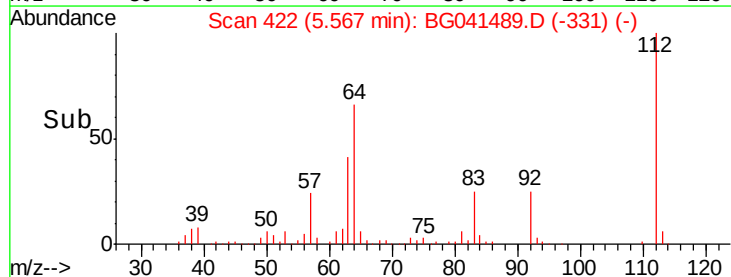
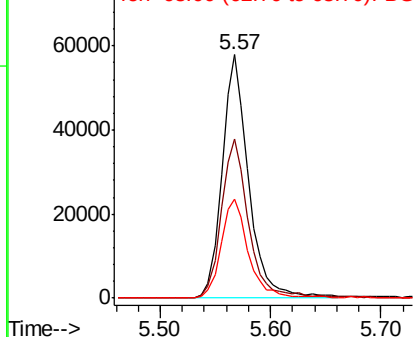
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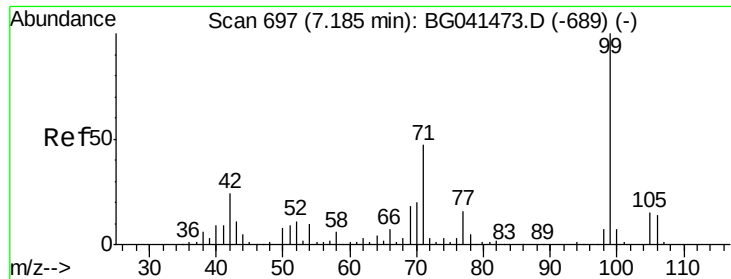
2-Fluorophenol
Concen: 56.760 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041489.D
Acq: 27 Jun 2019 13:44

Tgt Ion:112 Resp: 96799
Ion Ratio Lower Upper
112 100
64 65.6 55.1 82.7
63 40.8 32.4 48.6



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





#7

Phenol-d6

Concen: 34.589 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041489.D

Acq: 27 Jun 2019 13:44

Instrument :

BNA_G

ClientSampleId :

MH-J-B-UNTREATED

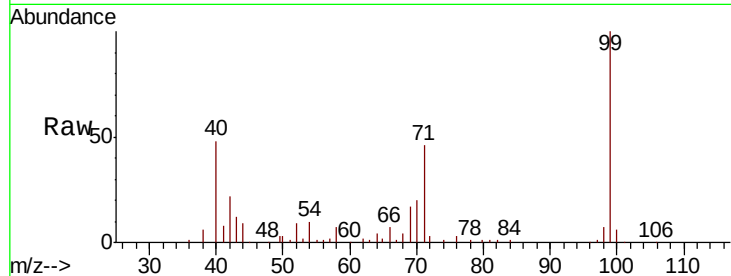
Tgt Ion: 99 Resp: 83040

Ion Ratio Lower Upper

99 100

42 21.9 19.0 28.6

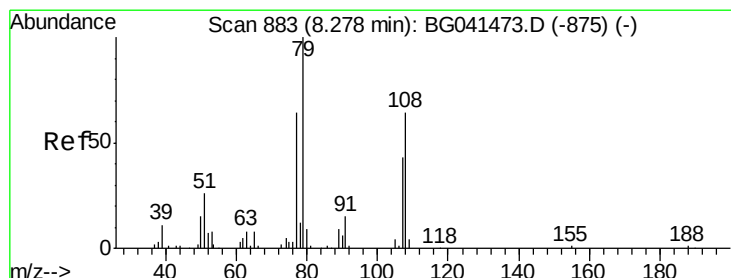
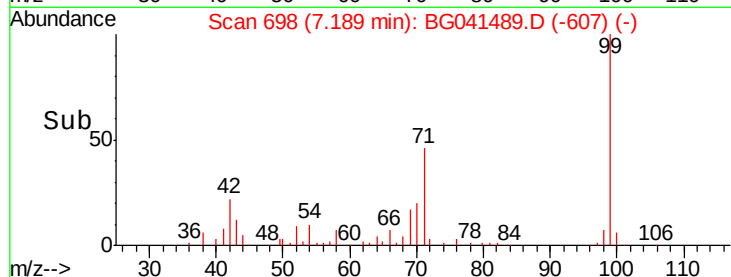
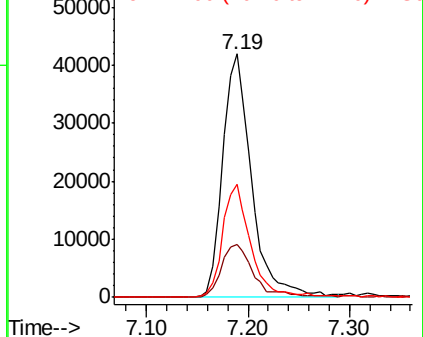
71 46.4 37.4 56.2



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: 2.179 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041489.D

Acq: 27 Jun 2019 13:44

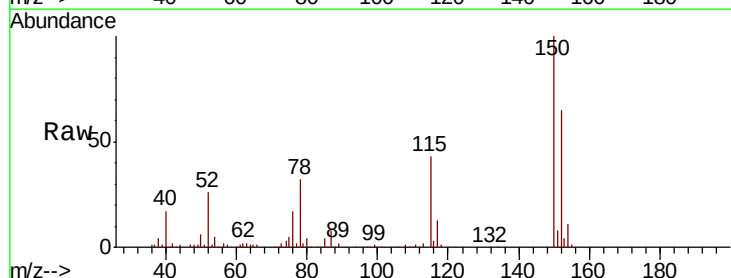
Tgt Ion: 79 Resp: 4166

Ion Ratio Lower Upper

79 100

108 36.1 51.4 77.0#

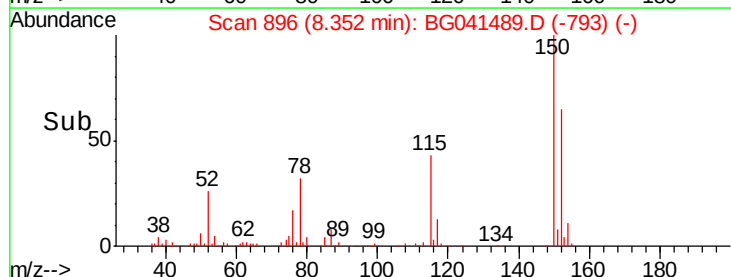
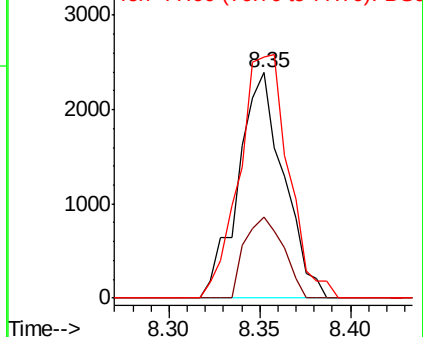
77 106.6 50.8 76.2#

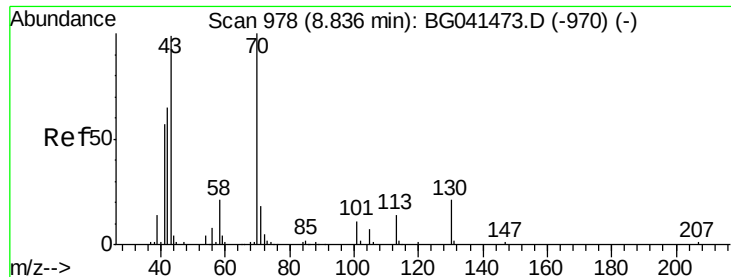


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

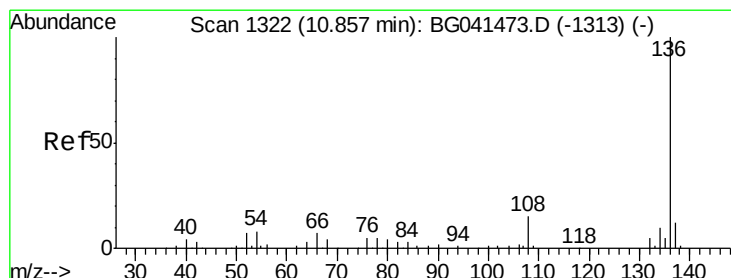
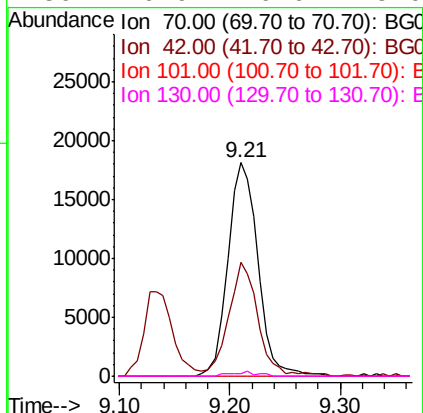
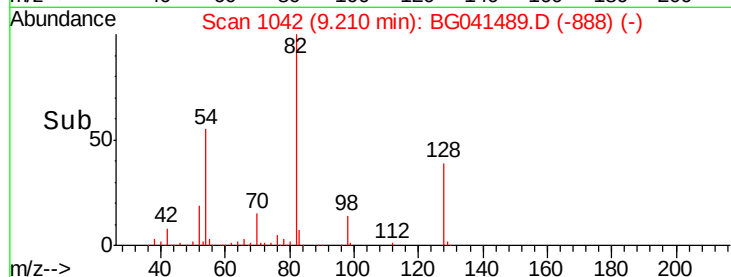
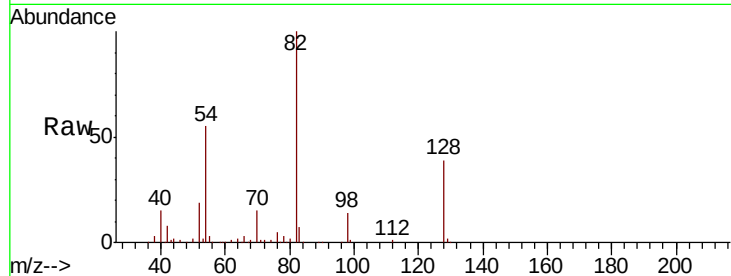




#19
n-Nitroso-di-n-propylamine
Concen: 19.287 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041489.D
Acq: 27 Jun 2019 13:44

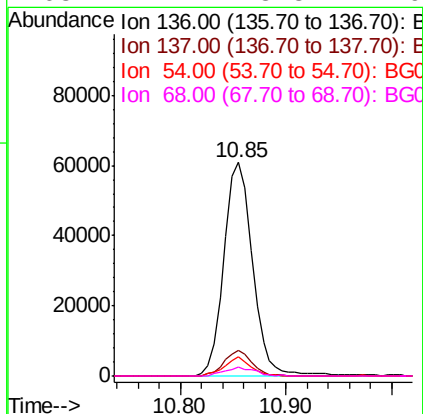
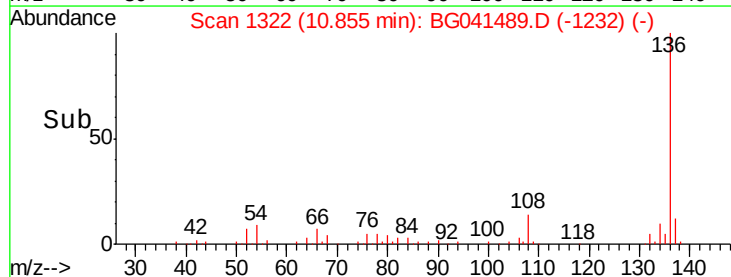
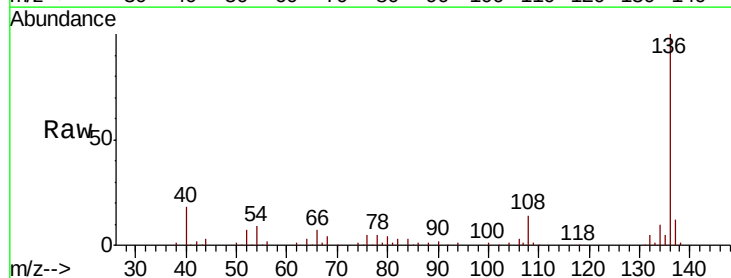
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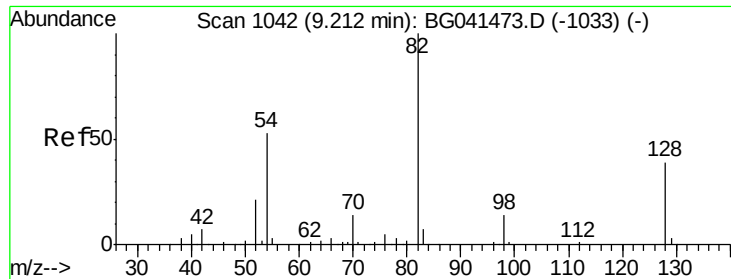
Tgt Ion: 70 Resp: 34539
Ion Ratio Lower Upper
70 100
42 53.2 52.6 78.8
101 0.0 8.6 13.0#
130 0.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041489.D
Acq: 27 Jun 2019 13:44

Tgt Ion: 136 Resp: 115139
Ion Ratio Lower Upper
136 100
137 12.1 9.3 13.9
54 8.9 7.1 10.7
68 4.1 3.3 4.9

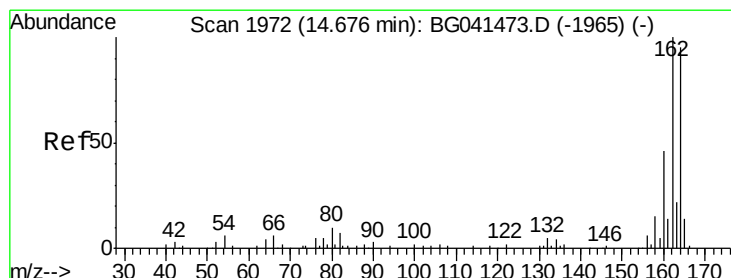
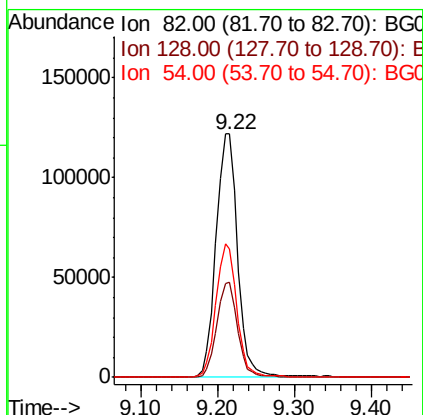
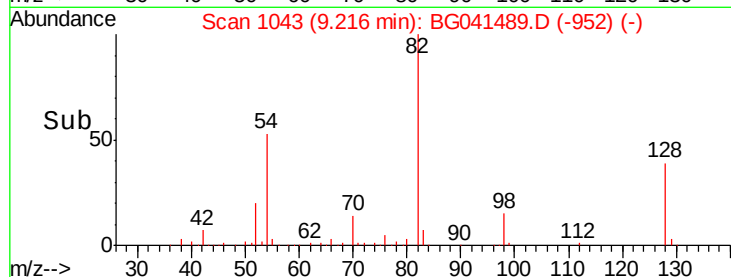
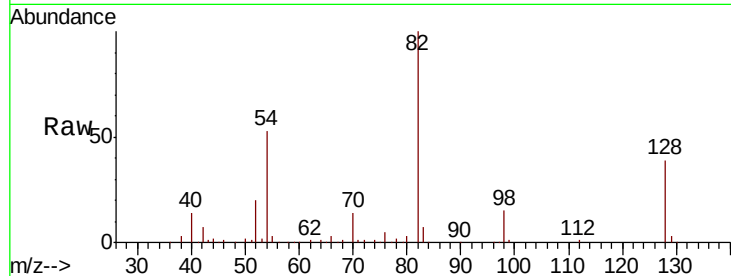




#23
 Nitrobenzene-d5
 Concen: 85.611 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG041489.D
 Acq: 27 Jun 2019 13:44

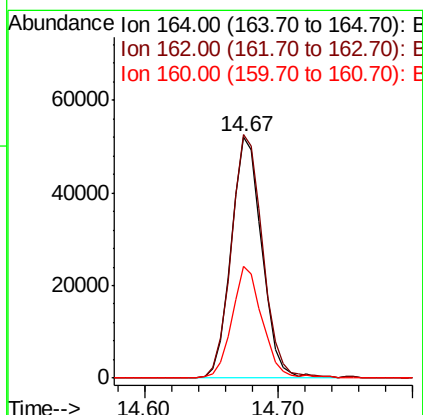
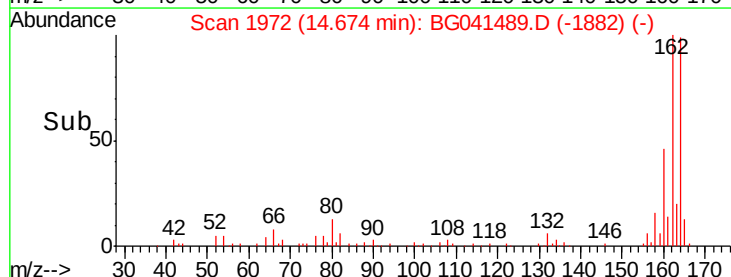
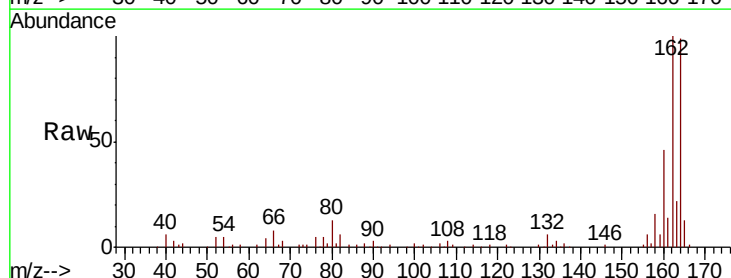
Instrument :
 BNA_G
 ClientSampleId :
 MH-J-B-UNTREATED

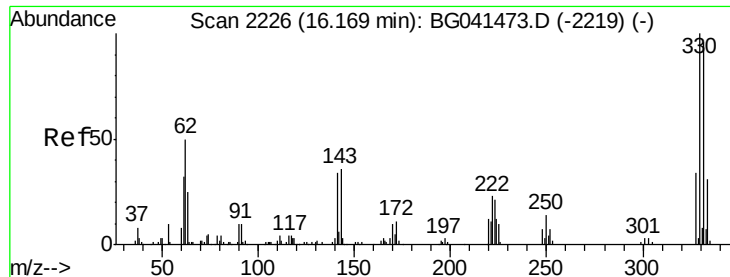
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.9	46.3
54	52.7	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041489.D
 Acq: 27 Jun 2019 13:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.4	126.6
160	46.6	38.8	58.2

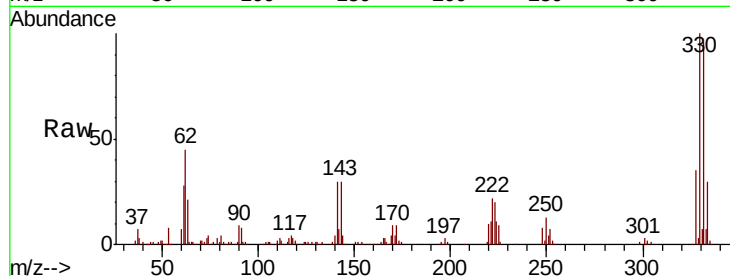




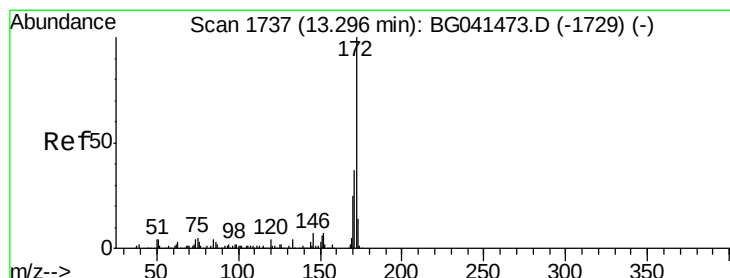
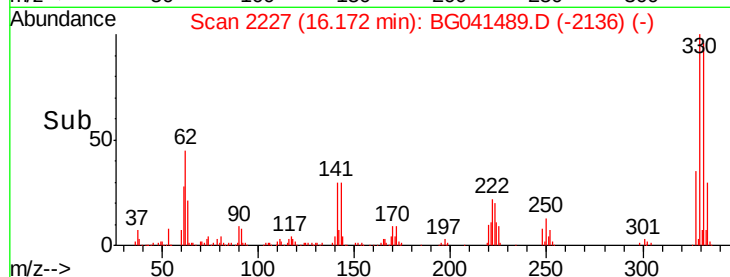
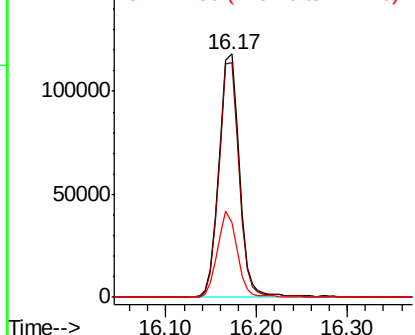
#42
 2,4,6-Tribromophenol
 Concen: 130.535 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BG041489.D
 Acq: 27 Jun 2019 13:44

Instrument :
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 ClientSampleId :
 MH-J-B-UNTREATED

Tgt Ion:330 Resp: 185538
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.5 113.3
 141 34.0 27.8 41.6

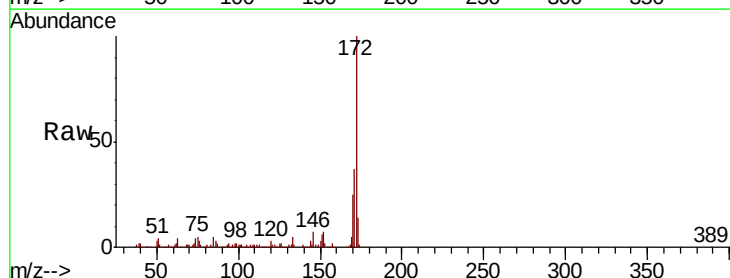


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

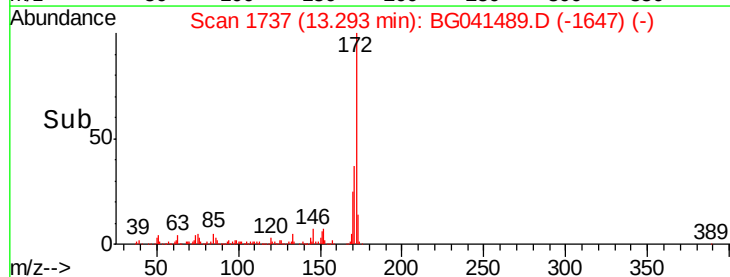
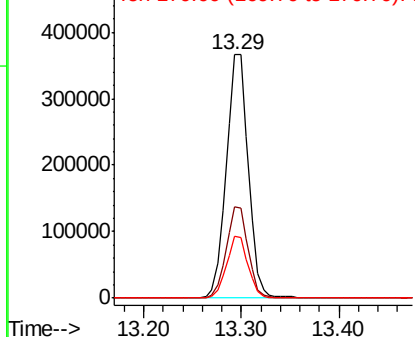


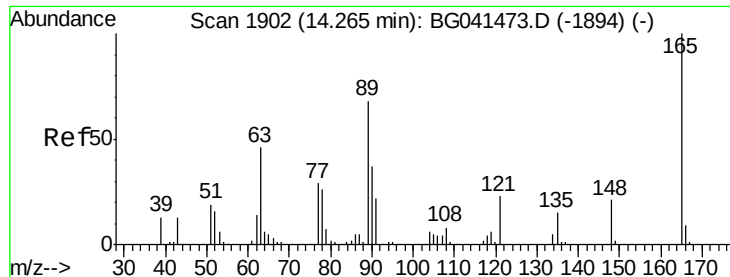
#45
 2-Fluorobiphenyl
 Concen: 88.246 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041489.D
 Acq: 27 Jun 2019 13:44

Tgt Ion:172 Resp: 572458
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 25.3 20.0 30.0



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

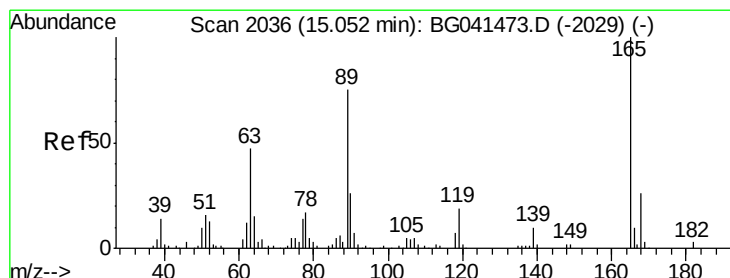
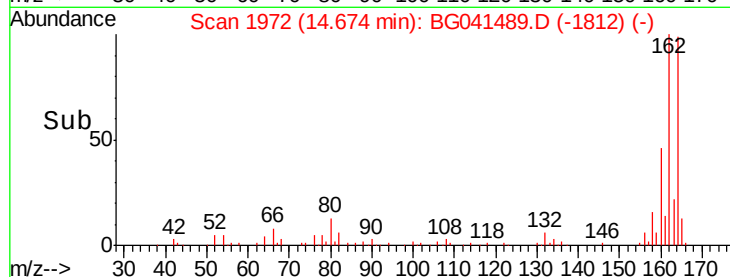
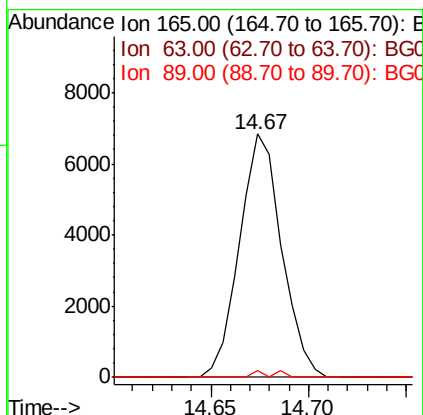
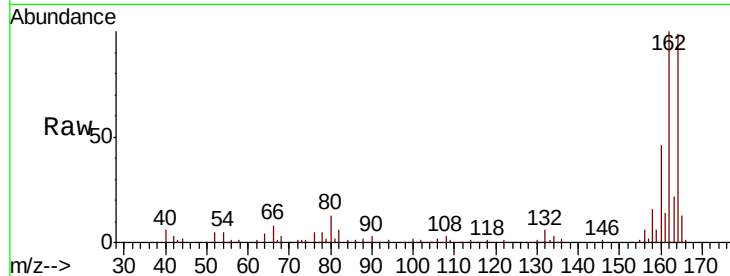




#51
 2,6-Dinitrotoluene
 Concen: 6.365 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG041489.D
 Acq: 27 Jun 2019 13:44

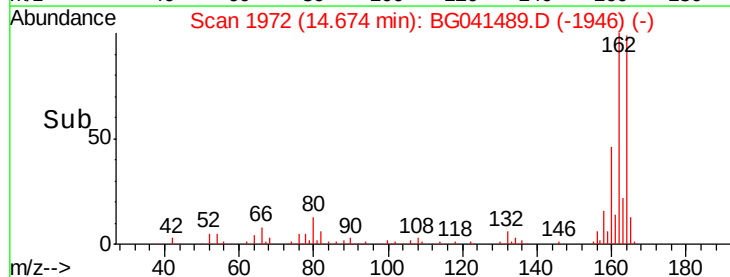
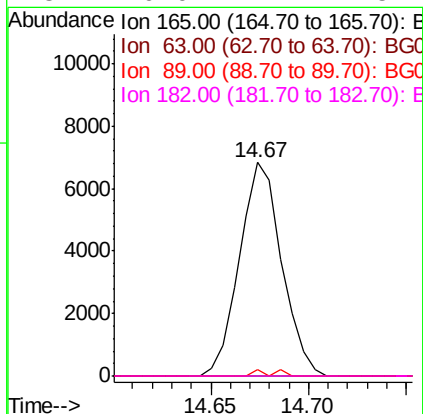
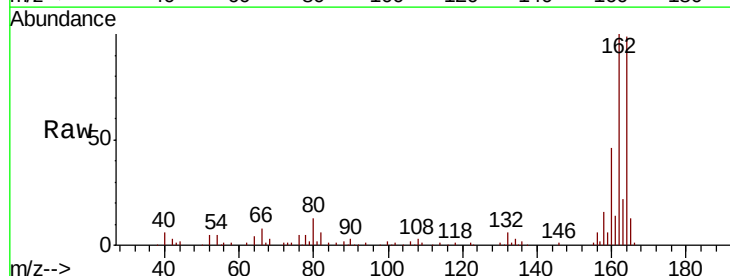
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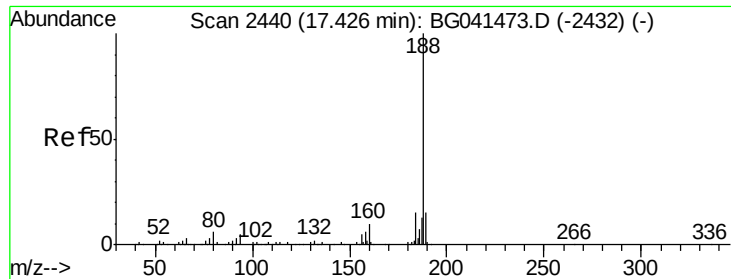
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.4	84.6#
89	2.7	54.6	81.8#



#57
 2,4-Dinitrotoluene
 Concen: 4.387 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041489.D
 Acq: 27 Jun 2019 13:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	2.7	60.1	90.1#
182	0.0	2.2	3.2#

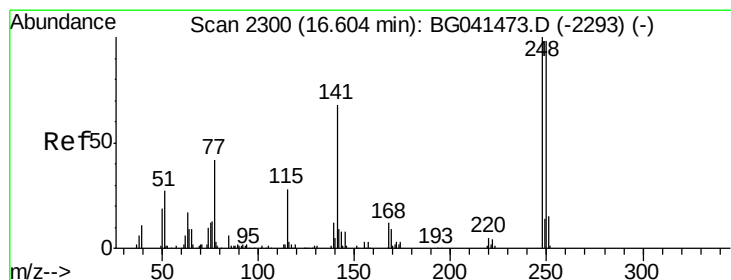
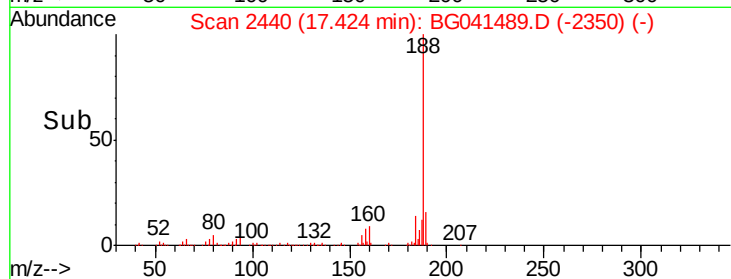
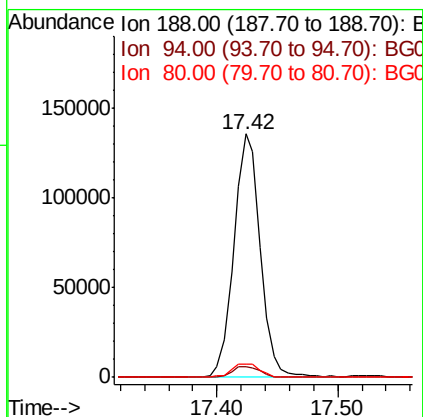
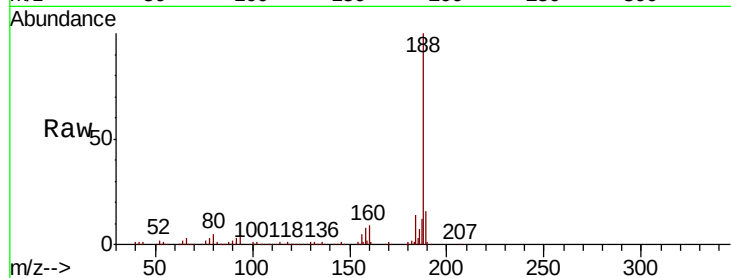




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041489.D
Acq: 27 Jun 2019 13:44

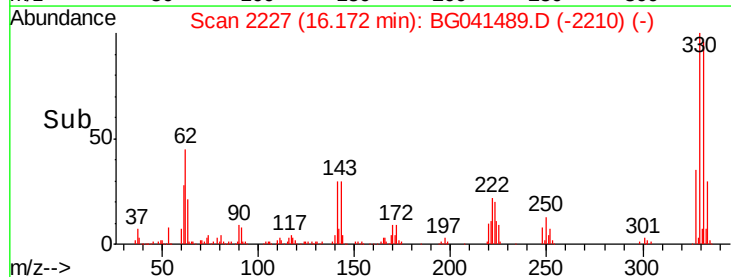
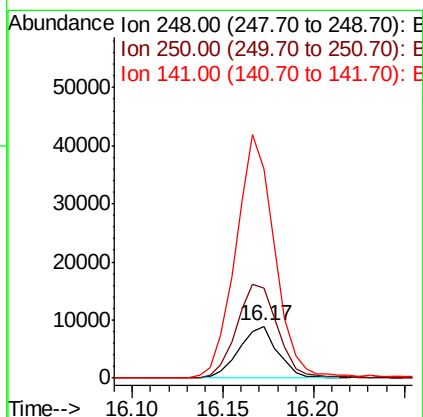
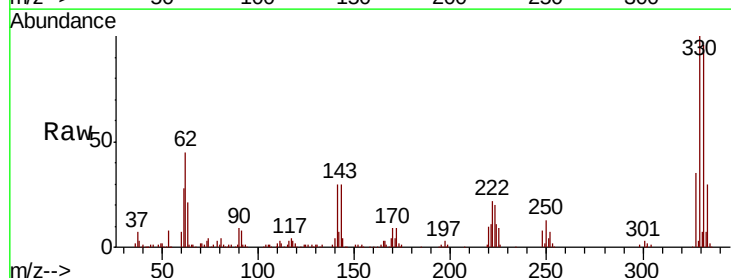
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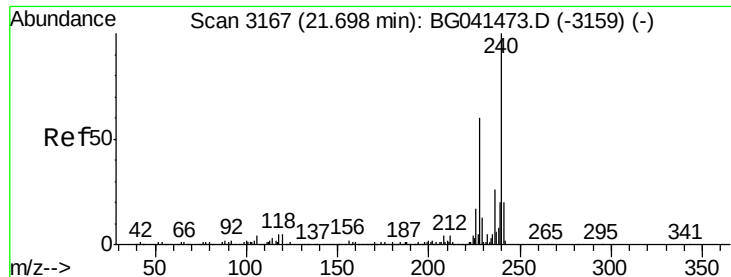
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.8	5.8
80	5.3	4.8	7.2



#67
4-Bromophenyl-phenylether
Concen: 4.683 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.43 min
Lab File: BG041489.D
Acq: 27 Jun 2019 13:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	174.8	78.1	117.1#
141	403.8	54.1	81.1#

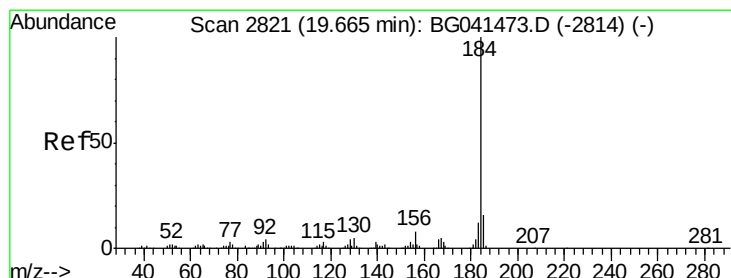
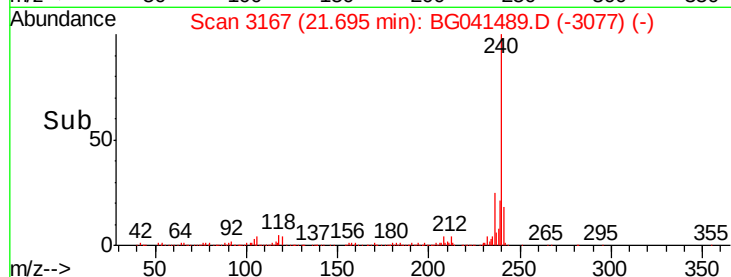
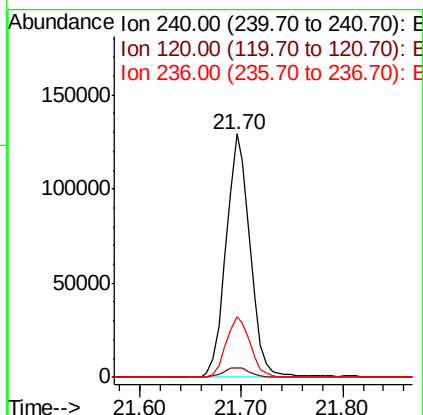
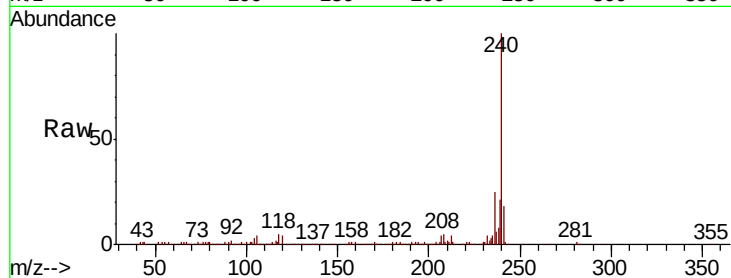




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041489.D
Acq: 27 Jun 2019 13:44

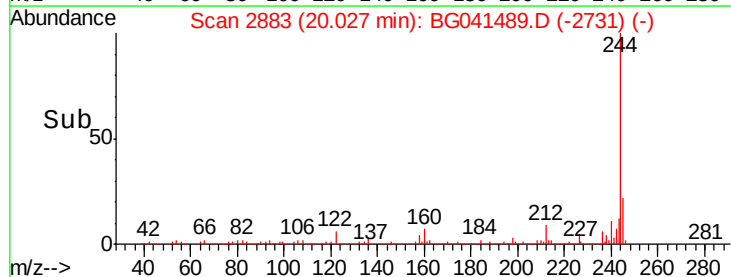
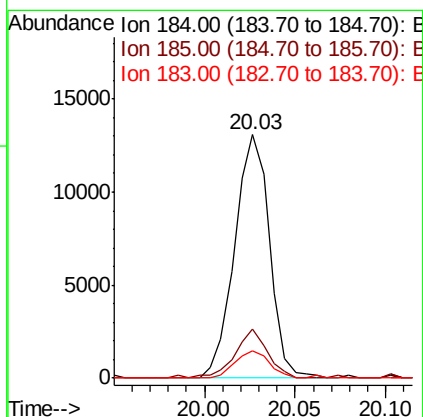
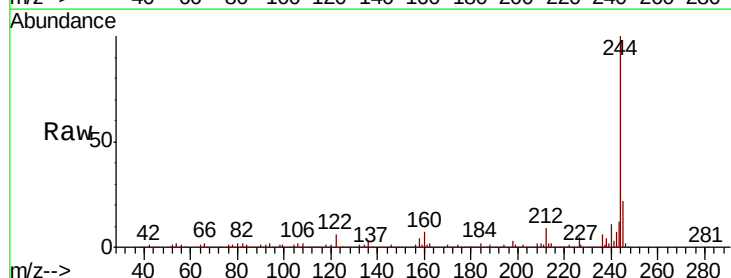
Instrument :
BNA_G
ClientSampleId :
MH-J-B-UNTREATED

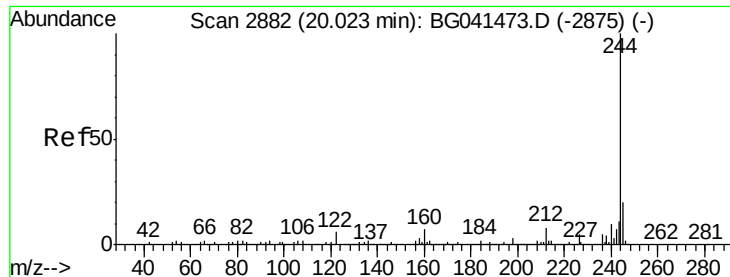
Tgt Ion:240 Resp: 213243
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 25.0 20.8 31.2



#77
Benzidine
Concen: 3.683 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.36 min
Lab File: BG041489.D
Acq: 27 Jun 2019 13:44

Tgt Ion:184 Resp: 17428
Ion Ratio Lower Upper
184 100
185 20.0 12.7 19.1#
183 11.3 9.4 14.2





#79

Terphenyl-d14

Concen: 102.635 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041489.D

Acq: 27 Jun 2019 13:44

Instrument :

BNA_G

ClientSampleId :

MH-J-B-UNTREATED

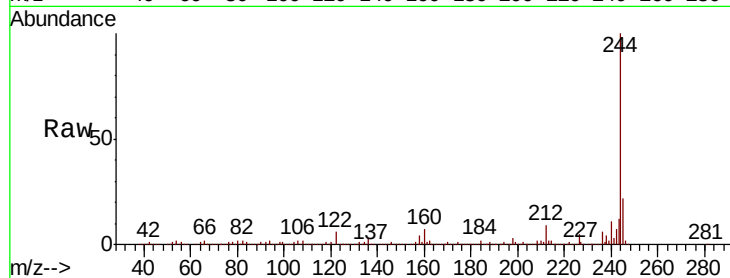
Tgt Ion:244 Resp: 1029901

Ion Ratio Lower Upper

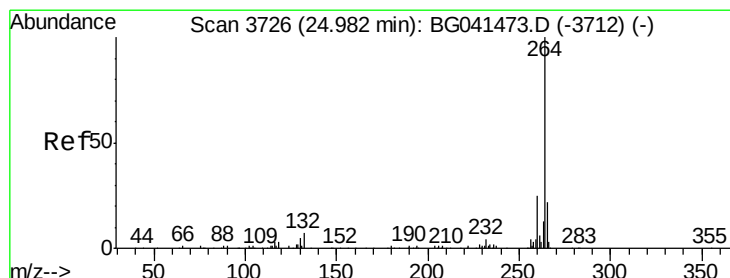
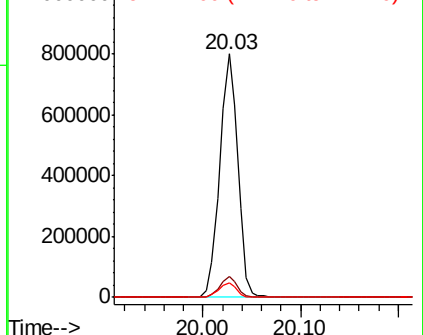
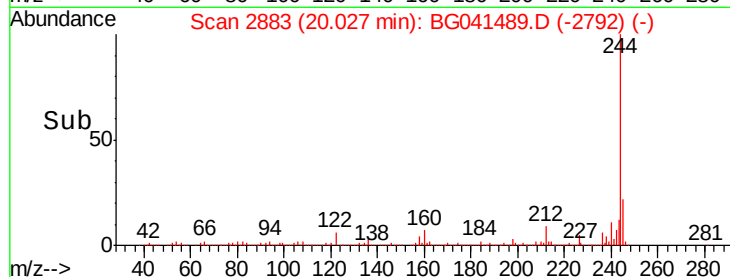
244 100

212 8.6 6.2 9.4

122 6.1 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: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041489.D

Acq: 27 Jun 2019 13:44

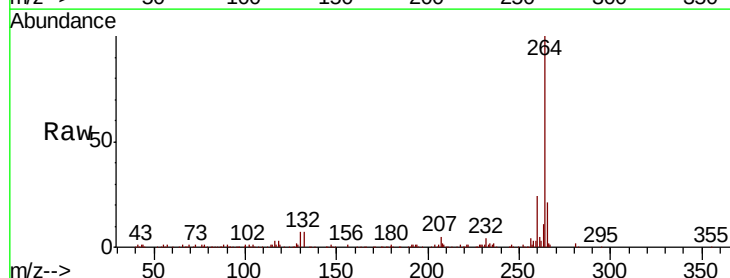
Tgt Ion:264 Resp: 228572

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 20.8 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

