

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
 Data File : BG048889.D
 Acq On : 27 Apr 2021 16:24
 Operator : CG/JU
 Sample : PB136026BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB136026BL

Quant Time: Apr 27 17:38:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:50:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

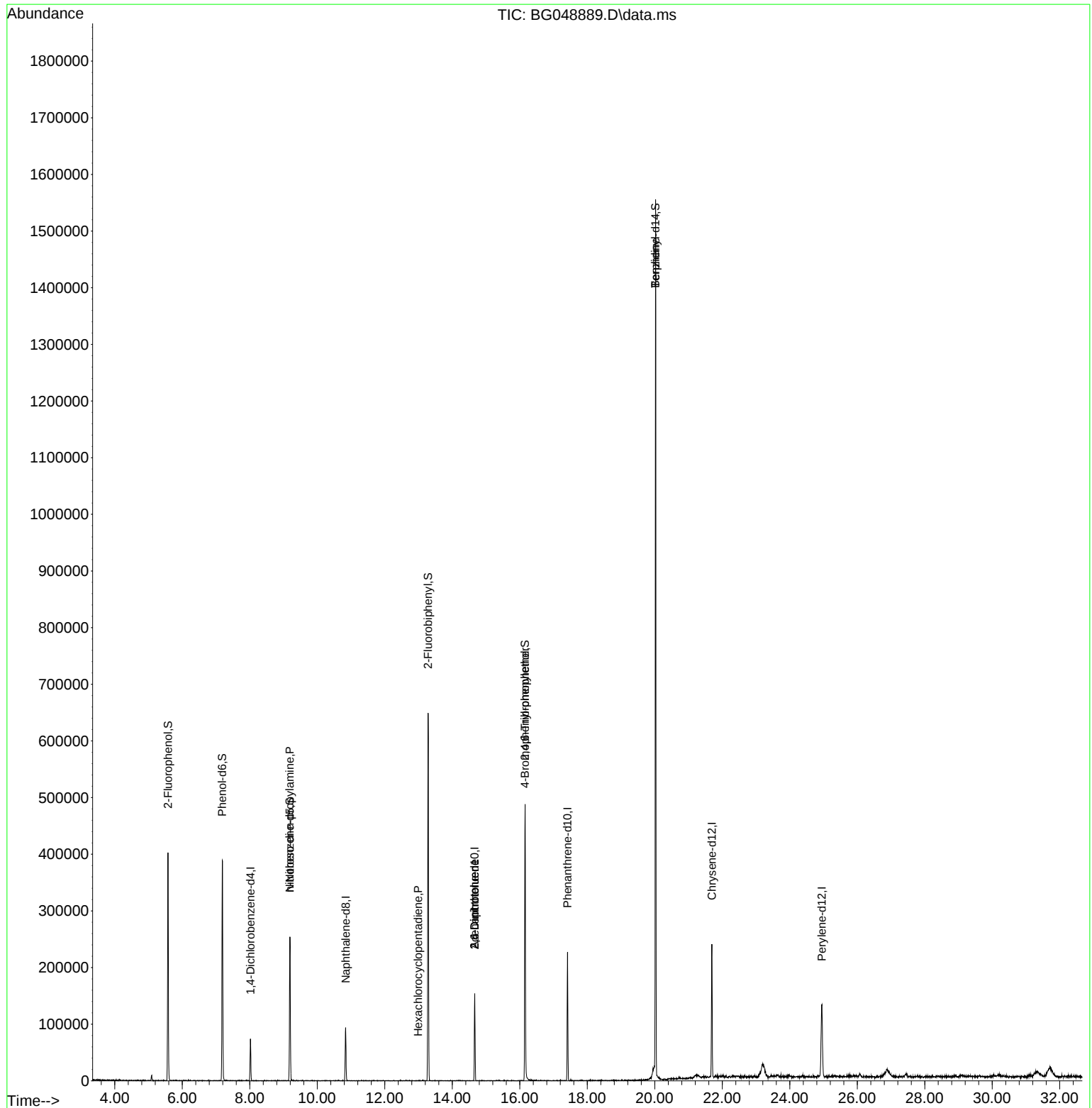
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.021	152	18130	20.00	ng	# 0.00
21) Naphthalene-d8	10.841	136	75566	20.00	ng	0.00
39) Acenaphthene-d10	14.666	164	51676	20.00	ng	0.00
64) Phenanthrene-d10	17.415	188	136137	20.00	ng	# 0.00
76) Chrysene-d12	21.693	240	138714	20.00	ng	0.00
86) Perylene-d12	24.948	264	134347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	151194	139.48	ng	0.00
7) Phenol-d6	7.186	99	191958	125.19	ng	0.00
23) Nitrobenzene-d5	9.190	82	146639	86.88	ng	0.00
42) 2,4,6-Tribromophenol	16.158	330	80460	116.13	ng	0.00
45) 2-Fluorobiphenyl	13.285	172	324907	90.80	ng	0.00
79) Terphenyl-d14	20.024	244	676395	83.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.190	70	23146	22.37	ng	# 77
41) Hexachlorocyclopentadiene	12.991	237	67	5.93	ng	# 31
51) 2,6-Dinitrotoluene	14.666	165	7067	7.90	ng	# 13
57) 2,4-Dinitrotoluene	14.666	165	7067	5.44	ng	# 18
67) 4-Bromophenyl-phenylether	16.152	248	5866	3.74	ng	# 1
77) Benzydine	20.024	184	13616	3.61	ng	# 94

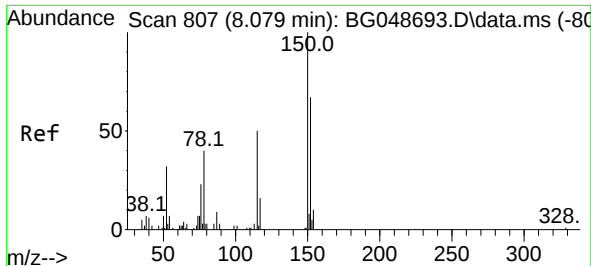
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:50:19 2021
Response via : Initial Calibration

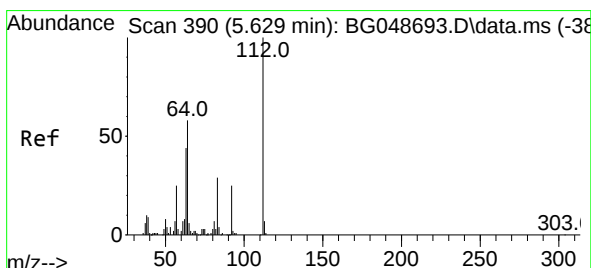
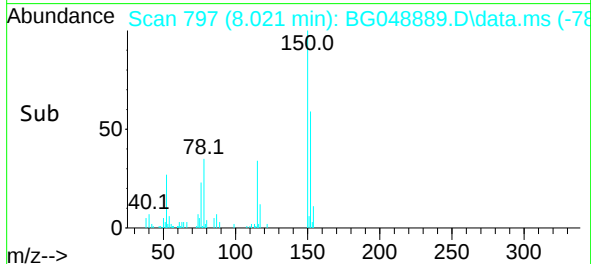
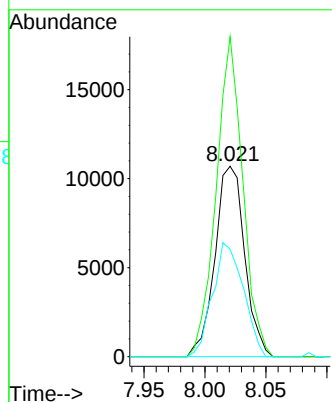
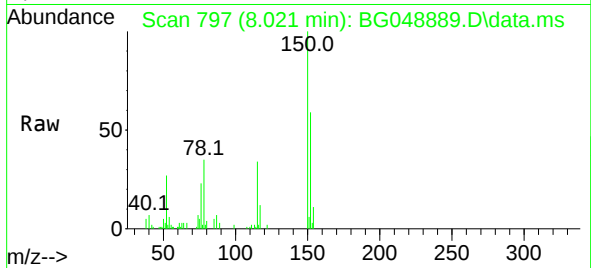




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.021 min Scan# 797
Delta R.T. -0.001 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

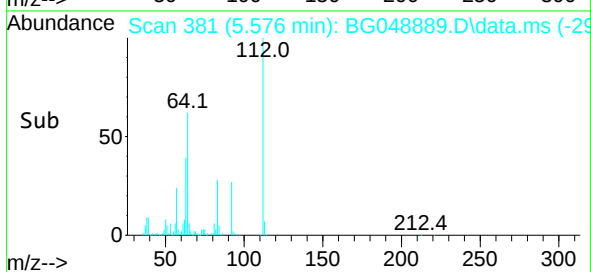
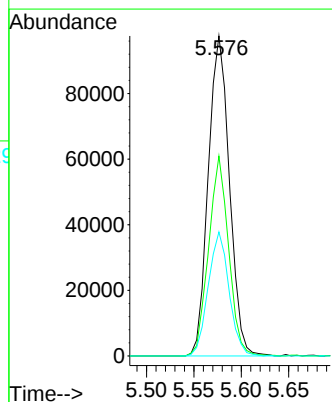
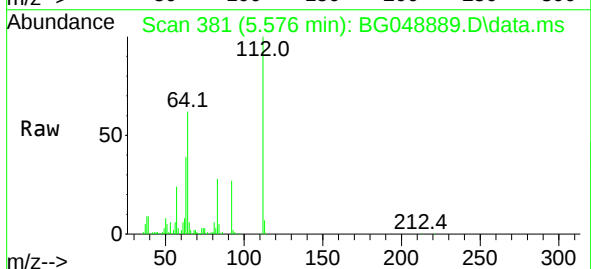
Instrument :
BNA_G
ClientSampleId :
PB136026BL

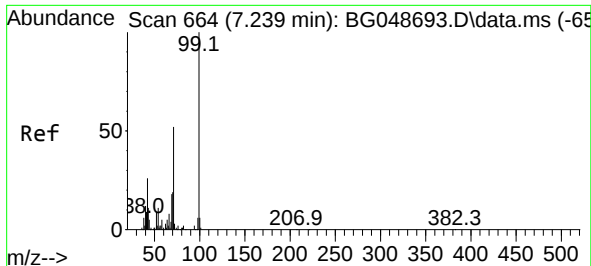
Tgt Ion:152 Resp: 18130
Ion Ratio Lower Upper
152 100
150 168.1 119.4 179.0
115 56.5 60.2 90.4#



#5
2-Fluorophenol
Concen: 139.48 ng
RT: 5.576 min Scan# 381
Delta R.T. -0.001 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

Tgt Ion:112 Resp: 151194
Ion Ratio Lower Upper
112 100
64 62.4 46.7 70.1
63 38.7 35.3 52.9

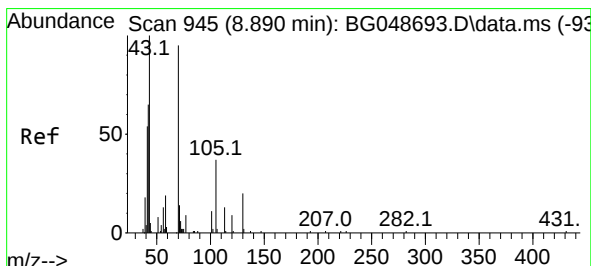
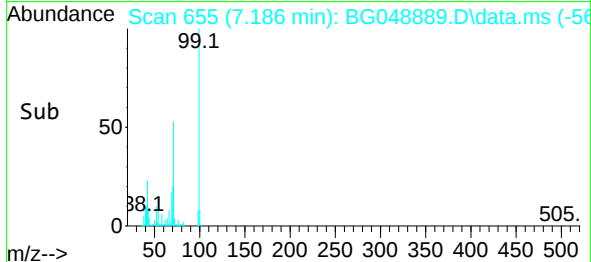
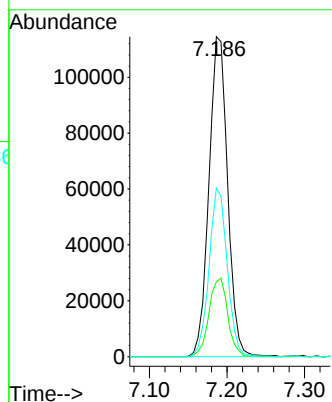
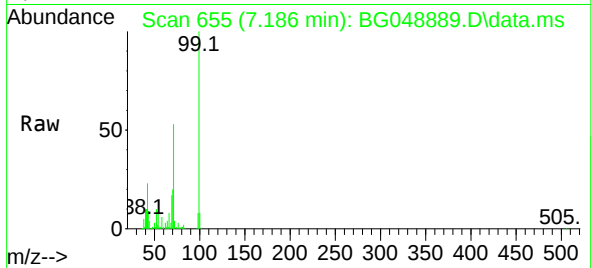




#7
Phenol-d6
Concen: 125.19 ng
RT: 7.186 min Scan# 655
Delta R.T. -0.007 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

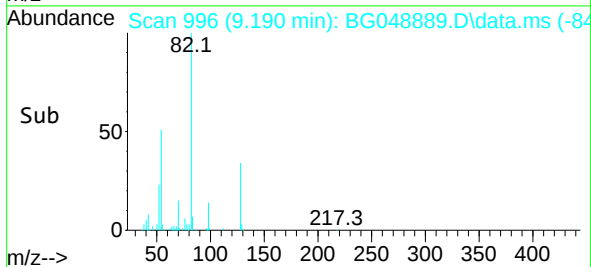
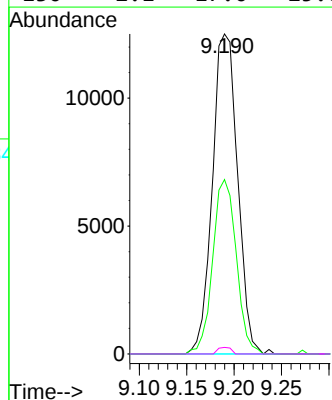
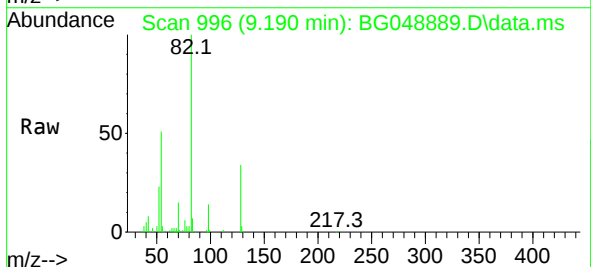
Instrument :
BNA_G
ClientSampleId :
PB136026BL

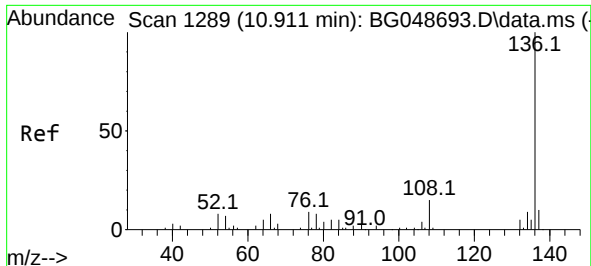
Tgt Ion: 99 Resp: 191958
Ion Ratio Lower Upper
99 100
42 23.4 20.5 30.7
71 52.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.37 ng
RT: 9.190 min Scan# 996
Delta R.T. 0.357 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

Tgt Ion: 70 Resp: 23146
Ion Ratio Lower Upper
70 100
42 54.5 54.5 81.7
101 0.0 9.0 13.6#
130 2.1 17.0 25.6#

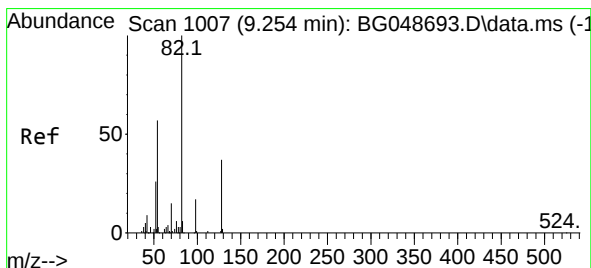
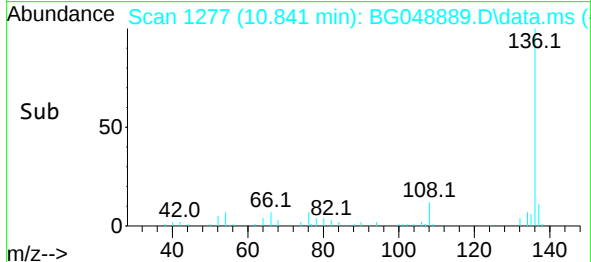
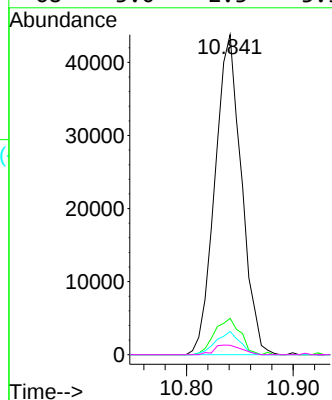
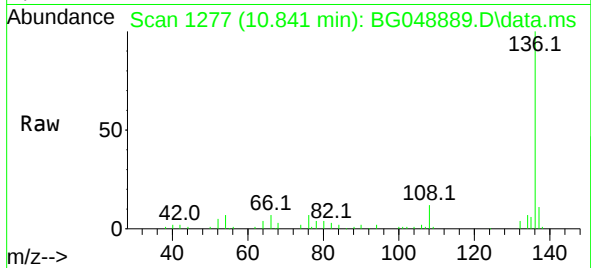




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.841 min Scan# 1277
Delta R.T. -0.001 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

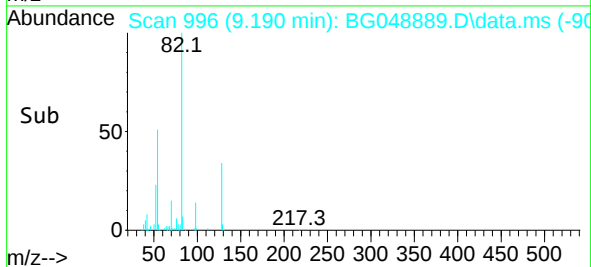
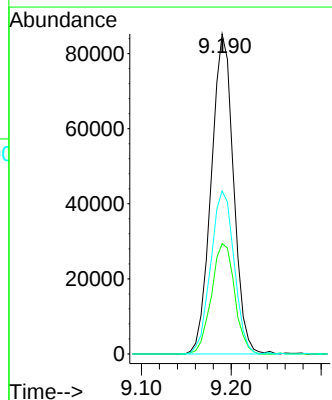
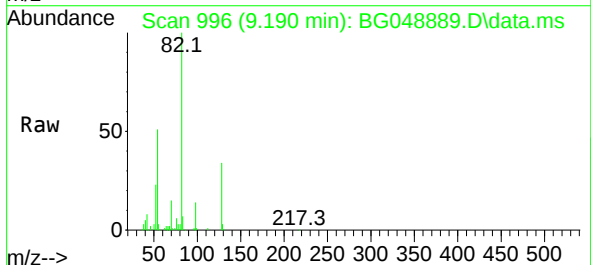
Instrument :
BNA_G
ClientSampleID :
PB136026BL

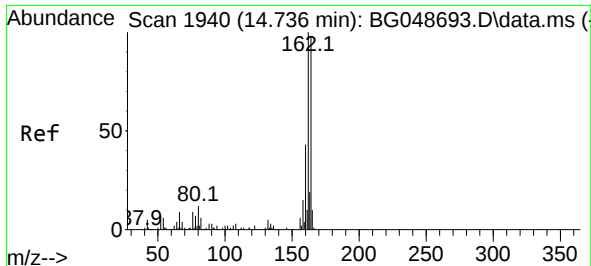
Tgt Ion:	136	Resp:	75566
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.2	12.2
54	7.2	5.5	8.3
68	3.0	2.3	3.5



#23
Nitrobenzene-d5
Concen: 86.88 ng
RT: 9.190 min Scan# 996
Delta R.T. -0.001 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

Tgt Ion:	82	Resp:	146639
Ion Ratio	Lower	Upper	
82	100		
128	34.5	29.8	44.6
54	50.9	45.8	68.8

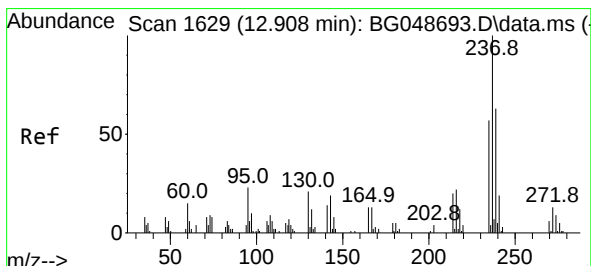
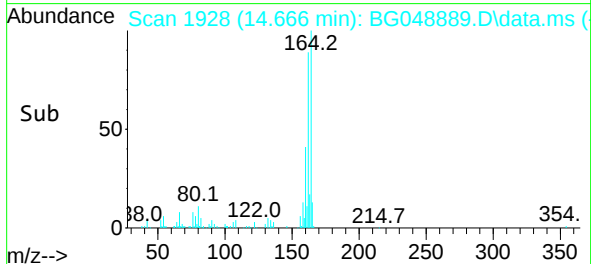
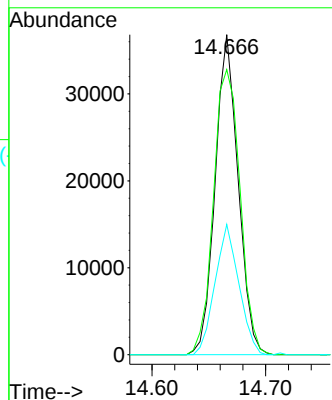
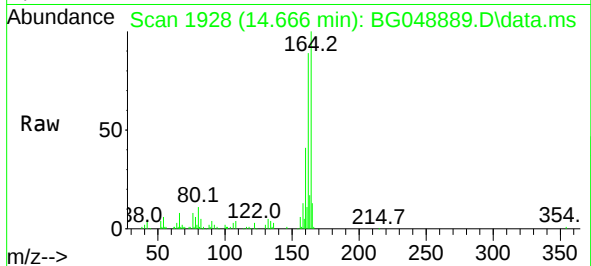




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.666 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

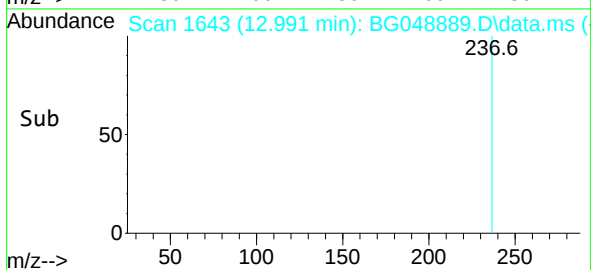
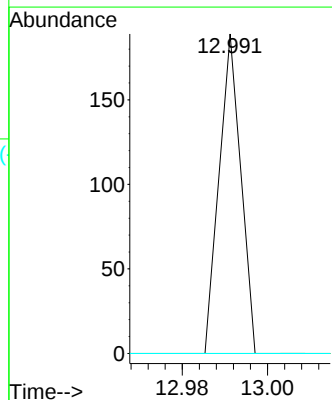
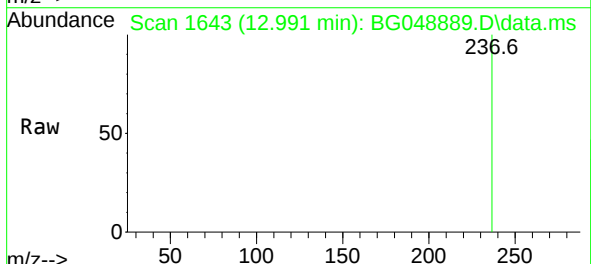
Instrument :
BNA_G
ClientSampleId :
PB136026BL

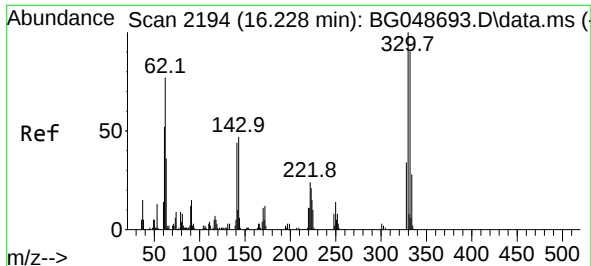
Tgt Ion:164 Resp: 51676
Ion Ratio Lower Upper
164 100
162 89.1 81.4 122.0
160 40.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 5.93 ng
RT: 12.991 min Scan# 1643
Delta R.T. 0.151 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

Tgt Ion:237 Resp: 67
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5

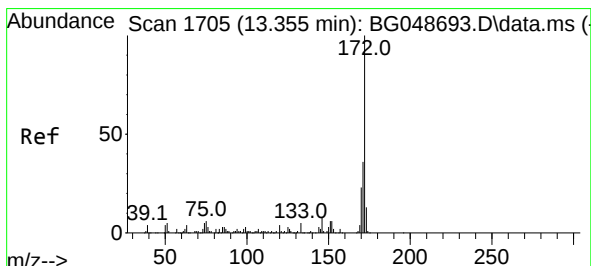
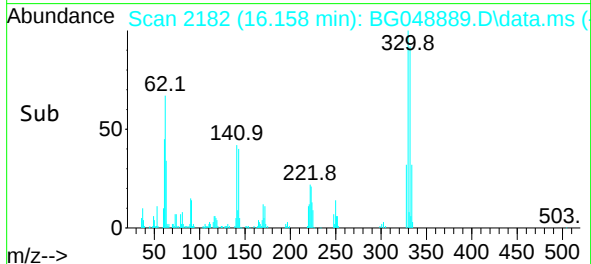
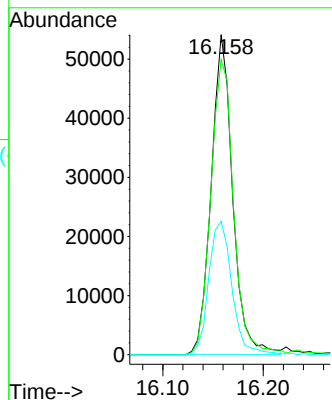
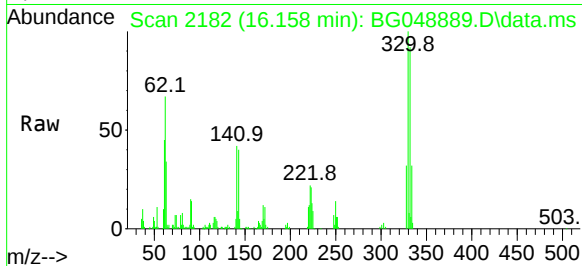




#42
2,4,6-Tribromophenol
Concen: 116.13 ng
RT: 16.158 min Scan# 2182
Delta R.T. -0.007 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

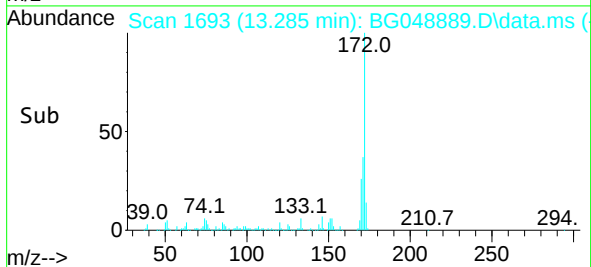
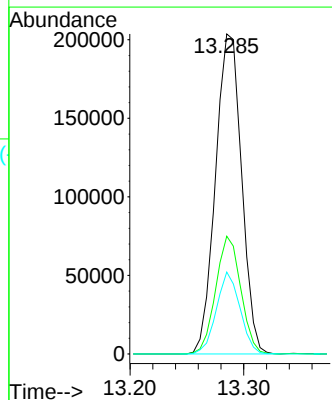
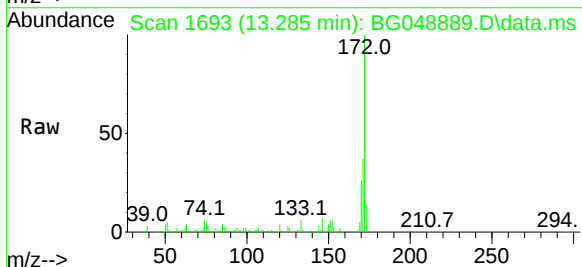
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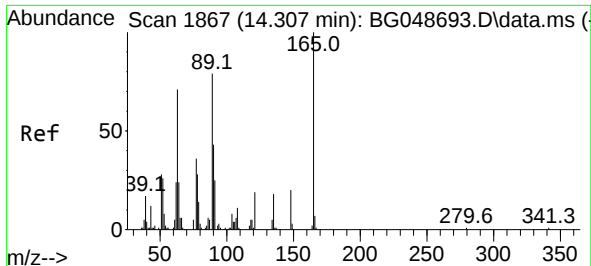
Tgt Ion:	330	Resp:	80460
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.3	115.9
141	45.2	35.6	53.4



#45
2-Fluorobiphenyl
Concen: 90.80 ng
RT: 13.285 min Scan# 1693
Delta R.T. -0.001 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

Tgt Ion:	172	Resp:	324907
Ion Ratio	Lower	Upper	
172	100		
171	36.8	28.6	43.0
170	25.6	18.6	27.8

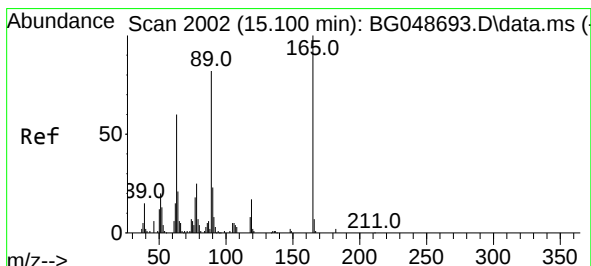
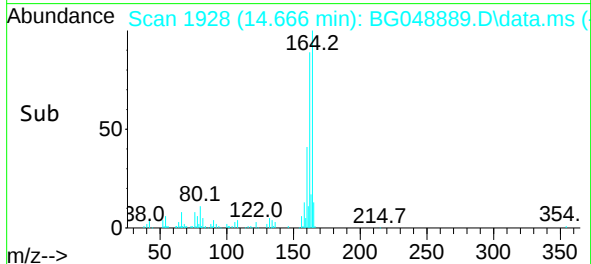
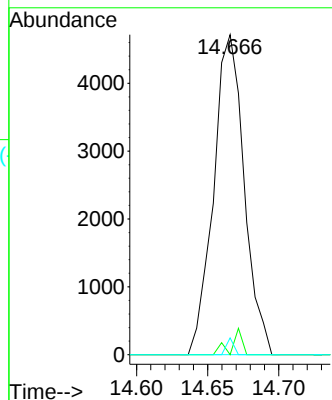
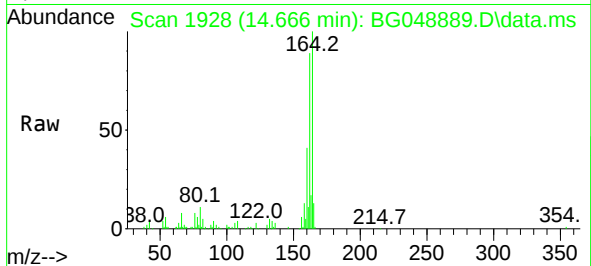




#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 14.666 min Scan# 1928
Delta R.T. 0.422 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

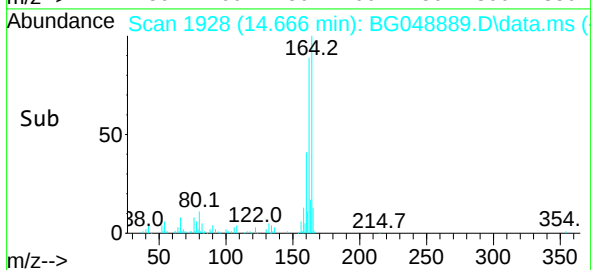
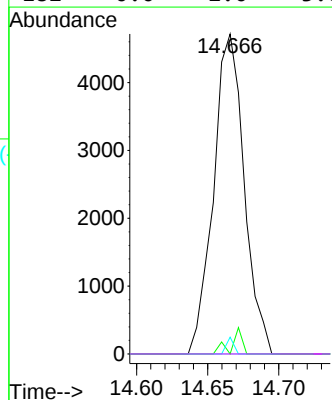
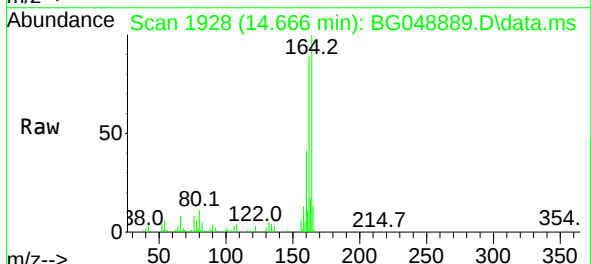
Instrument :
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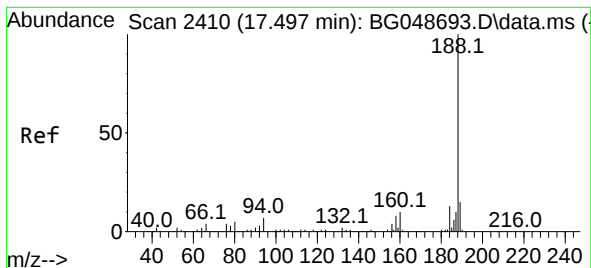
Tgt Ion:165 Resp: 7067
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 5.3 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 14.666 min Scan# 1928
Delta R.T. -0.372 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

Tgt Ion:165 Resp: 7067
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 5.3 65.4 98.0#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.415 min Scan# 2396

Delta R.T. -0.001 min

Lab File: BG048889.D

Acq: 27 Apr 2021 16:24

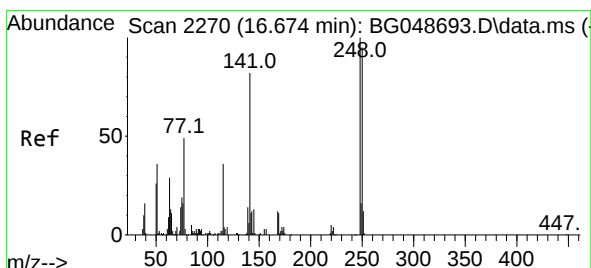
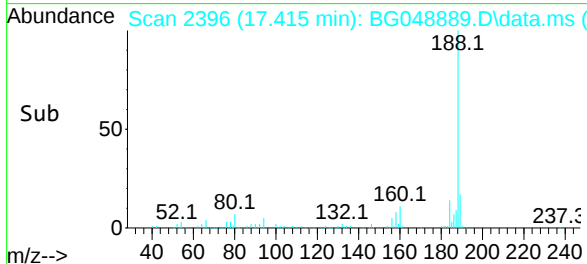
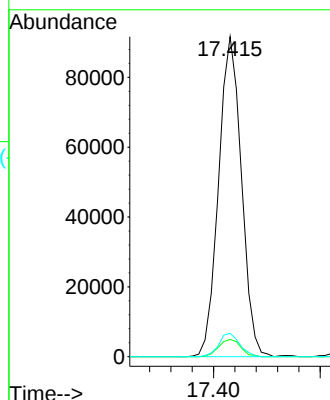
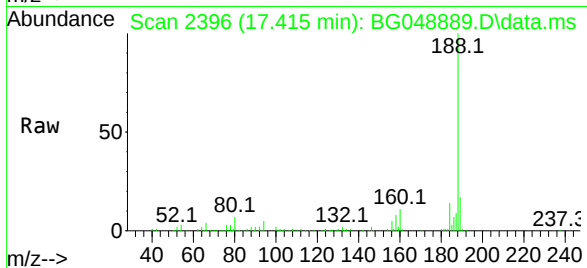
Instrument :

BNA_G

ClientSampleId :

PB136026BL

Tgt Ion:188	Resp:	136137
Ion Ratio	Lower	Upper
188	100	
94	5.4	5.4 8.0
80	7.3	3.7 5.5#



#67

4-Bromophenyl-phenylether

Concen: 3.74 ng

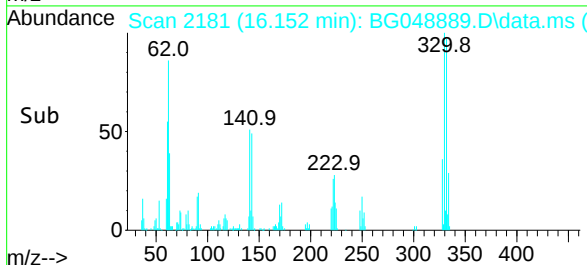
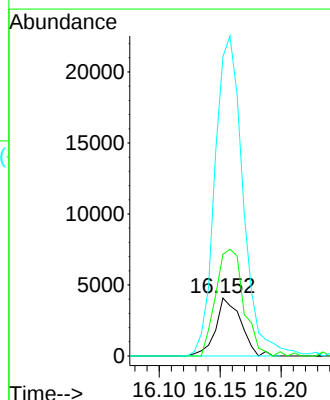
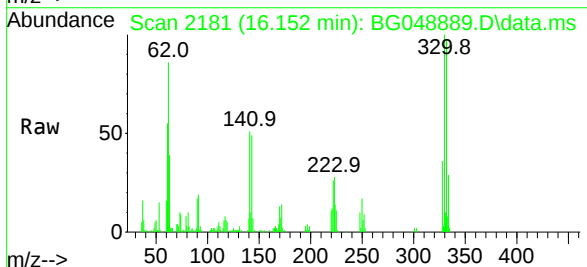
RT: 16.152 min Scan# 2181

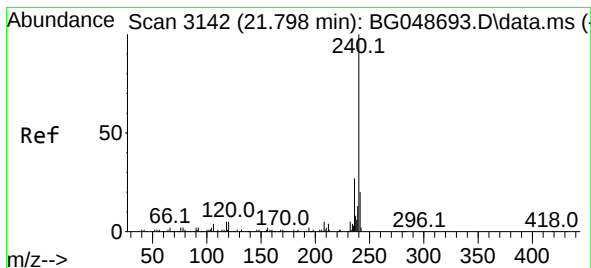
Delta R.T. -0.448 min

Lab File: BG048889.D

Acq: 27 Apr 2021 16:24

Tgt Ion:248	Resp:	5866
Ion Ratio	Lower	Upper
248	100	
250	175.7	76.1 114.1#
141	516.4	65.4 98.2#

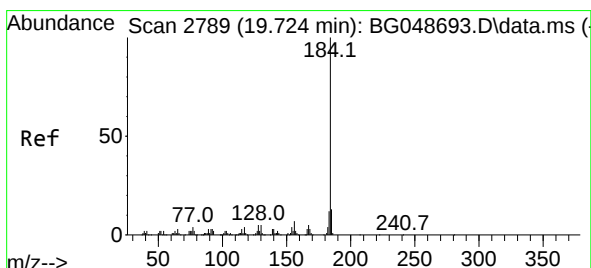
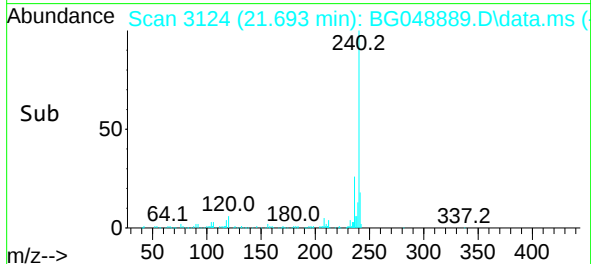
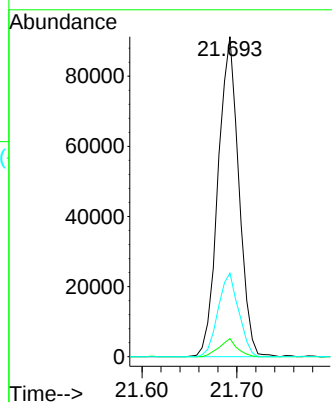
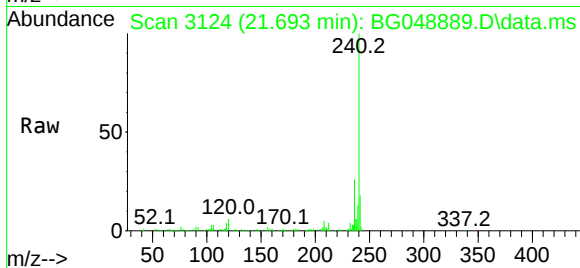




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.693 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

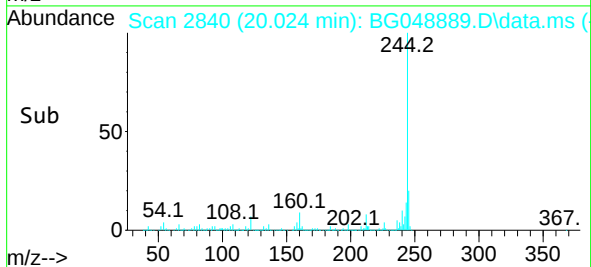
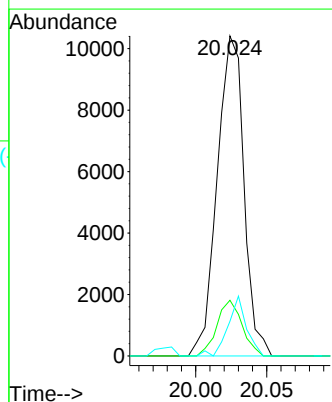
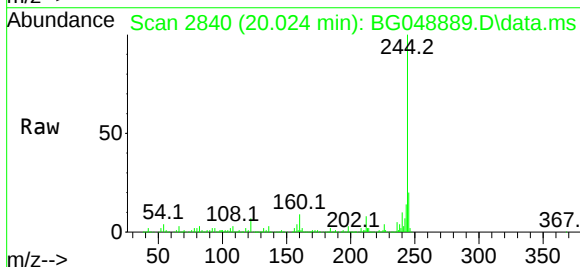
Instrument :
BNA_G
ClientSampleId :
PB136026BL

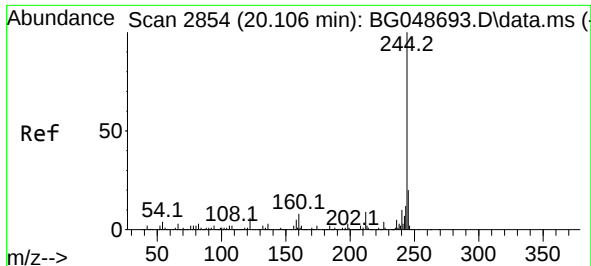
Tgt Ion:240 Resp: 138714
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 26.1 21.8 32.6



#77
Benzidine
Concen: 3.61 ng
RT: 20.024 min Scan# 2840
Delta R.T. 0.375 min
Lab File: BG048889.D
Acq: 27 Apr 2021 16:24

Tgt Ion:184 Resp: 13616
Ion Ratio Lower Upper
184 100
185 17.4 10.7 16.1#
183 10.9 9.4 14.0

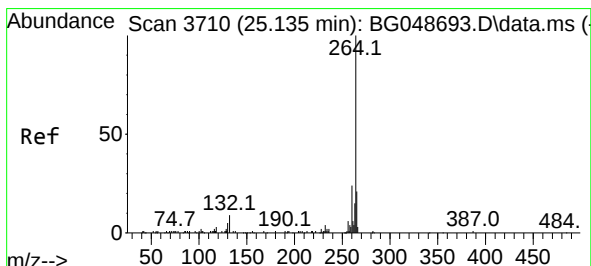
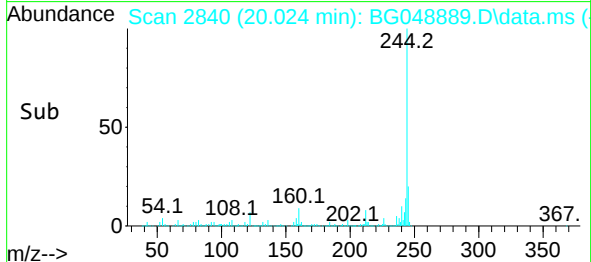
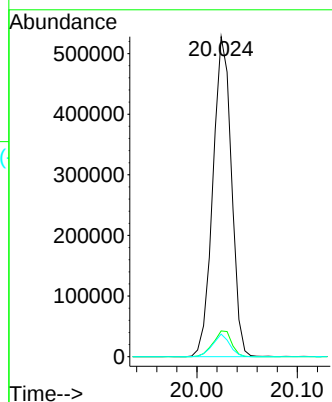
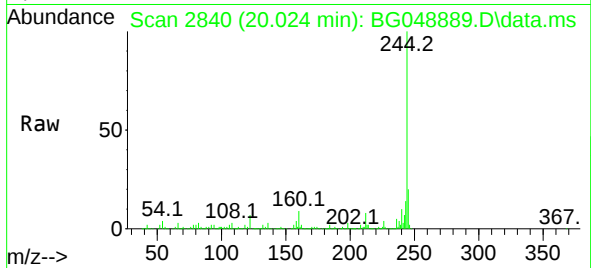




#79
 Terphenyl-d14
 Concen: 83.93 ng
 RT: 20.024 min Scan# 2840
 Delta R.T. -0.001 min
 Lab File: BG048889.D
 Acq: 27 Apr 2021 16:24

Instrument :
 BNA_G
 ClientSampleId :
 PB136026BL

Tgt Ion:244 Resp: 676395
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 7.1 5.0 7.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.948 min Scan# 3678
 Delta R.T. -0.007 min
 Lab File: BG048889.D
 Acq: 27 Apr 2021 16:24

Tgt Ion:264 Resp: 134347
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 19.5 16.9 25.3

