

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048866.D
 Acq On : 23 Apr 2021 16:51
 Operator : CG/JU
 Sample : M2107-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29-0-2.0

Quant Time: Apr 23 18:36:59 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 20 17:33:30 2021
 Response via : Initial Calibration

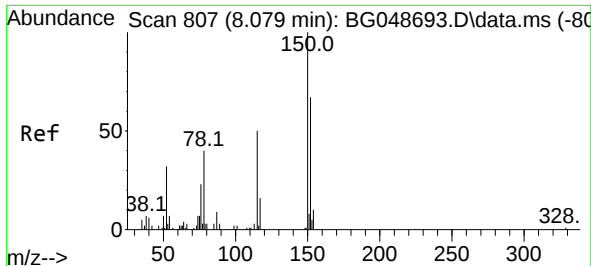
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	23656	20.00	ng	# 0.00
21) Naphthalene-d8	10.882	136	98212	20.00	ng	#-0.01
39) Acenaphthene-d10	14.712	164	66583	20.00	ng	-0.01
64) Phenanthrene-d10	17.474	188	149445	20.00	ng	# 0.00
76) Chrysene-d12	21.769	240	129948	20.00	ng	-0.01
86) Perylene-d12	25.094	264	130689	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	162171	114.66	ng	0.00
7) Phenol-d6	7.221	99	212215	106.07	ng	0.00
23) Nitrobenzene-d5	9.225	82	160107	72.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.211	330	86575	96.98	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	335378	72.74	ng	-0.01
79) Terphenyl-d14	20.083	244	484315	64.15	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.225	70	26101	19.34	ng	# 71
51) 2,6-Dinitrotoluene	14.712	165	8487	7.37	ng	# 12
54) 2,4-Dinitrophenol	14.624	184	56	5.36	ng	# 8
57) 2,4-Dinitrotoluene	14.712	165	8487	5.07	ng	# 17
67) 4-Bromophenyl-phenylether	16.211	248	6611	3.84	ng	# 1
75) Fluoranthene	19.524	202	24556	2.50	ng	96
77) Benzidine	20.083	184	10120	2.87	ng	# 94
78) Pyrene	19.524	202	24556	2.73	ng	95

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

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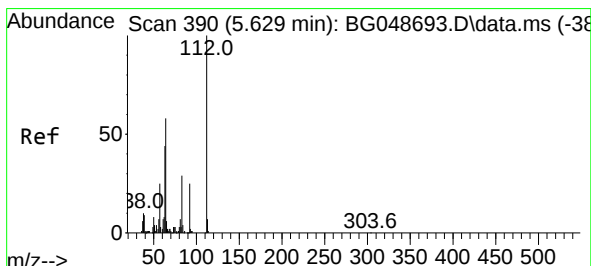
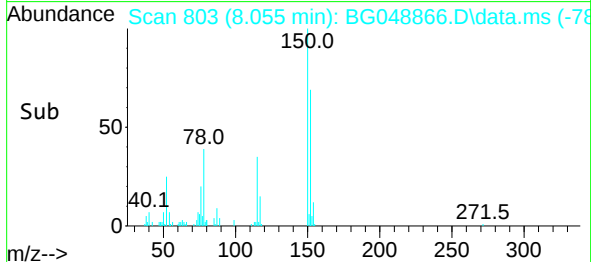
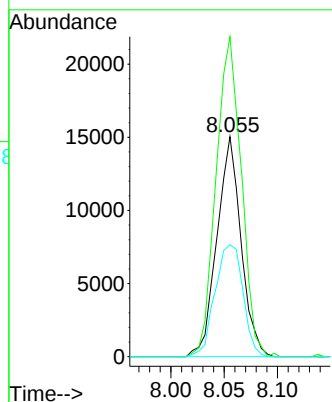
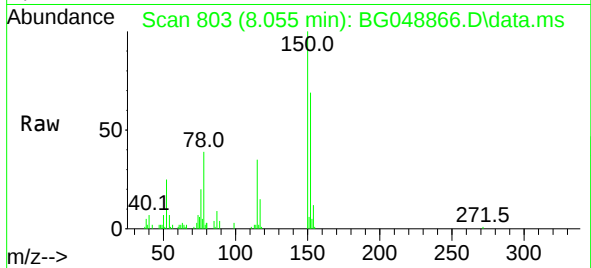




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.055 min Scan# 803
Delta R.T. -0.006 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

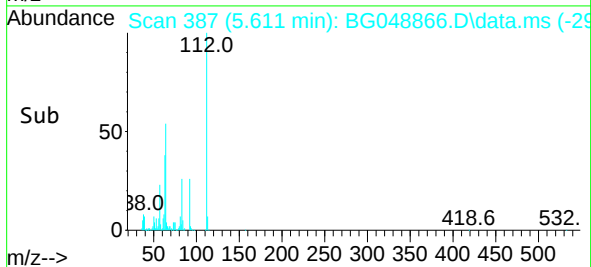
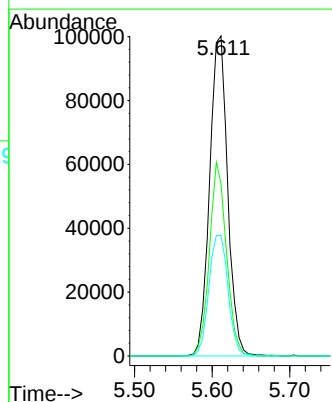
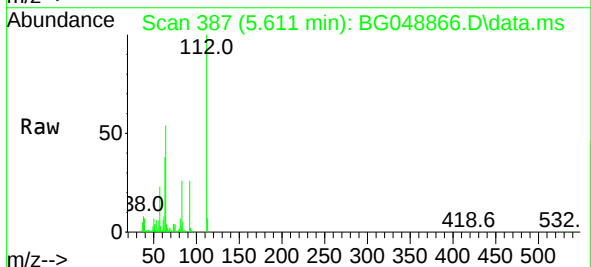
Instrument :
BNA_G
ClientSampleId :
SB-29-0-2.0

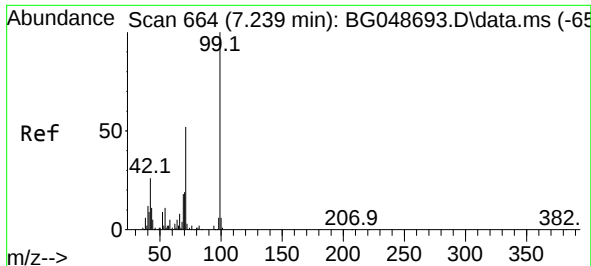
Tgt Ion:152 Resp: 23656
Ion Ratio Lower Upper
152 100
150 145.5 119.4 179.0
115 50.9 60.2 90.4#



#5
2-Fluorophenol
Concen: 114.66 ng
RT: 5.611 min Scan# 387
Delta R.T. 0.006 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:112 Resp: 162171
Ion Ratio Lower Upper
112 100
64 53.9 46.7 70.1
63 37.6 35.3 52.9

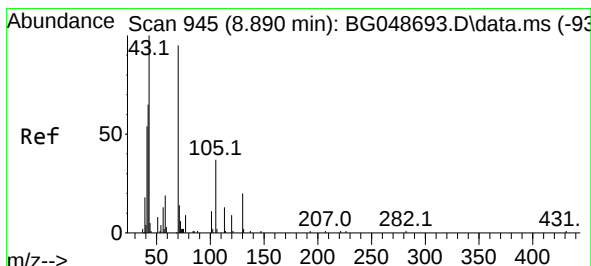
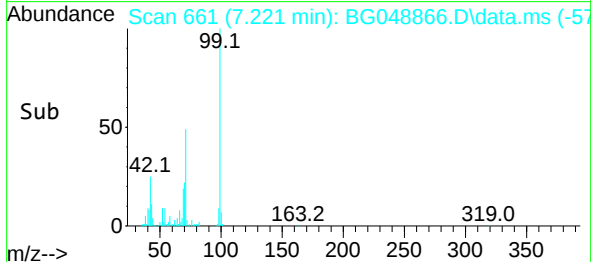
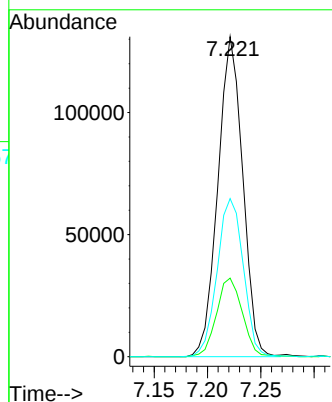
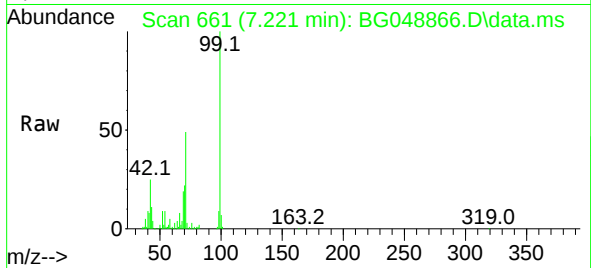




#7
Phenol-d6
Concen: 106.07 ng
RT: 7.221 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

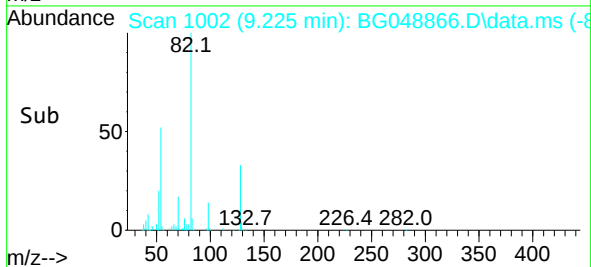
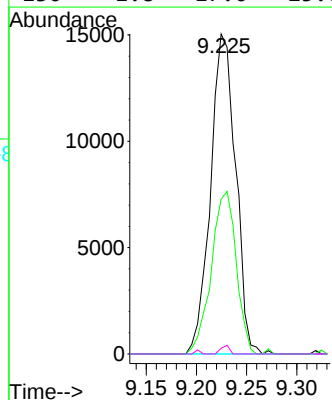
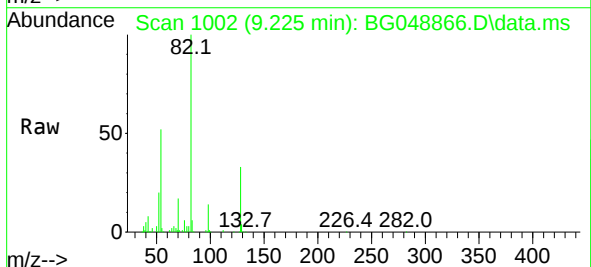
Instrument :
BNA_G
ClientSampleId :
SB-29-0-2.0

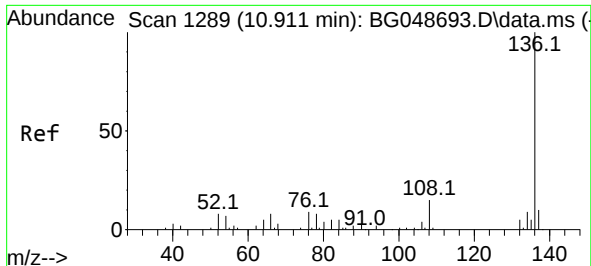
Tgt Ion: 99 Resp: 212215
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 49.4 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.34 ng
RT: 9.225 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion: 70 Resp: 26101
Ion Ratio Lower Upper
70 100
42 48.3 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

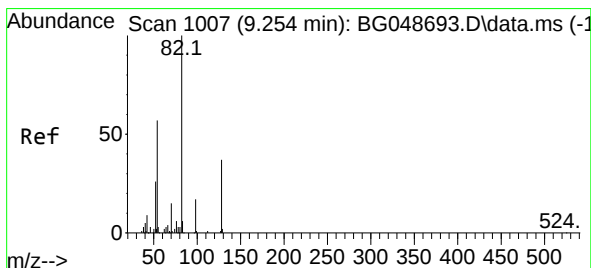
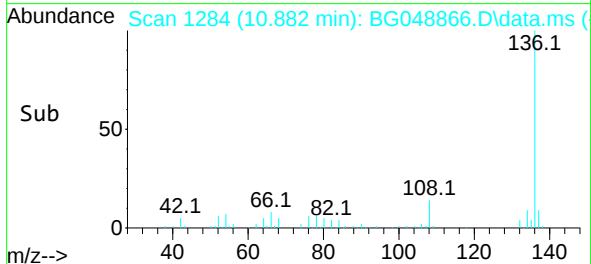
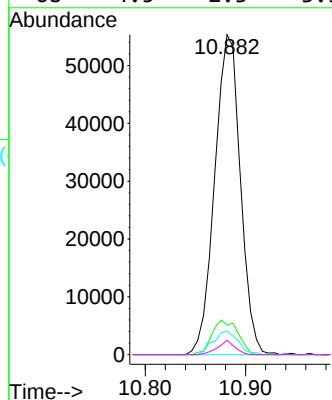
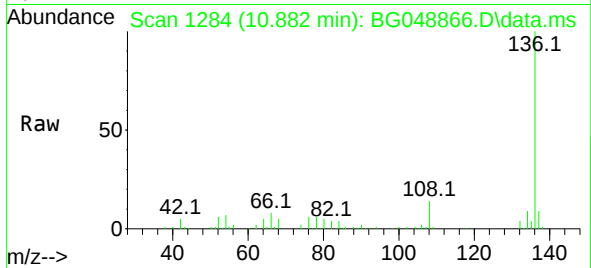




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.882 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

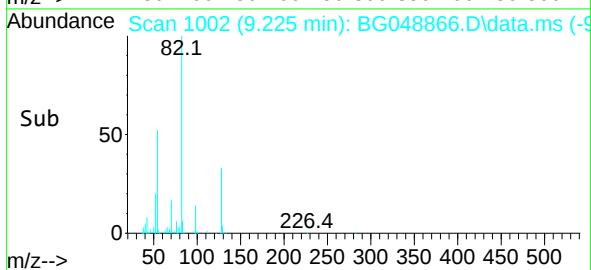
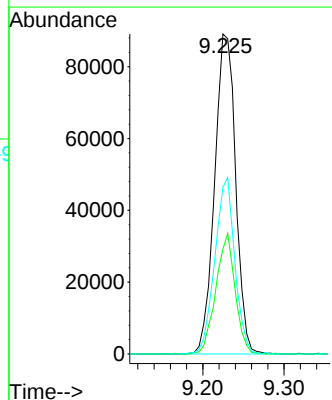
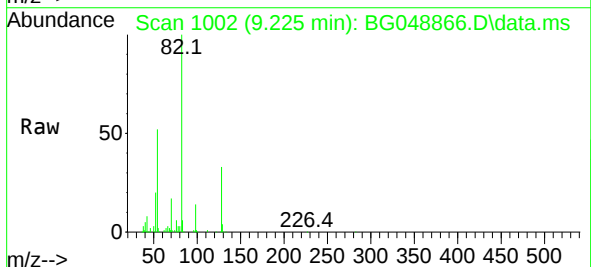
Instrument :
BNA_G
ClientSampleId :
SB-29-0-2.0

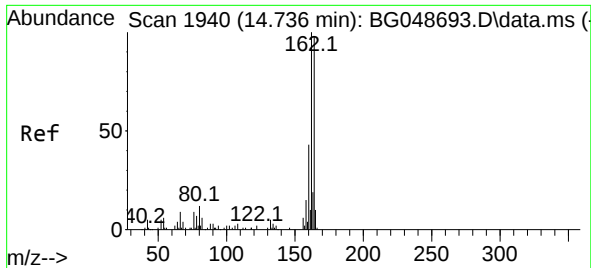
Tgt Ion:136	Resp:	98212
Ion Ratio	Lower	Upper
136	100	
137	9.3	8.2 12.2
54	7.4	5.5 8.3
68	4.5	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 72.99 ng
RT: 9.225 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion: 82	Resp:	160107
Ion Ratio	Lower	Upper
82	100	
128	32.7	29.8 44.6
54	52.1	45.8 68.8

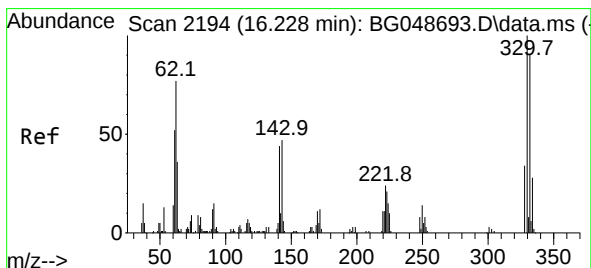
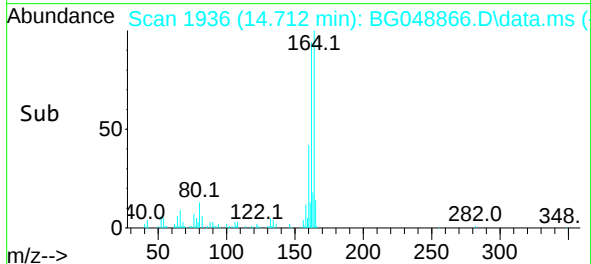
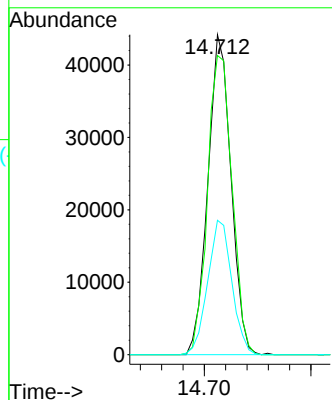
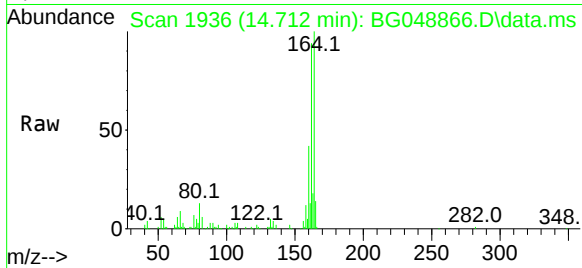




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.712 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

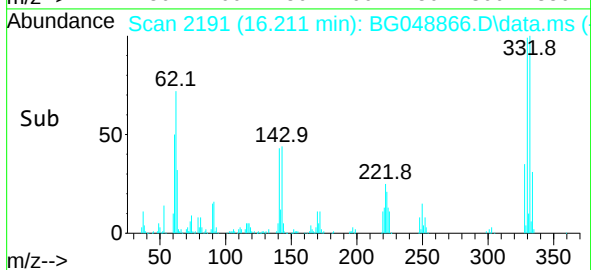
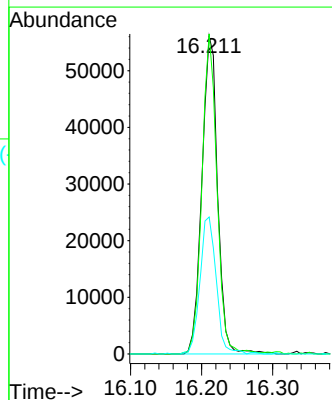
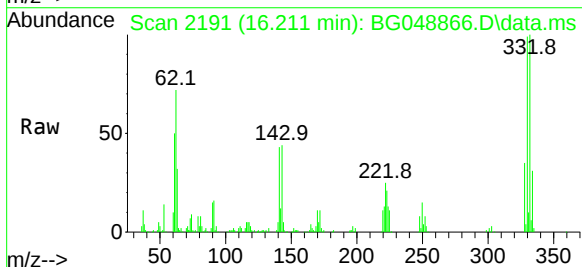
Instrument :
BNA_G
ClientSampled :
SB-29-0-2.0

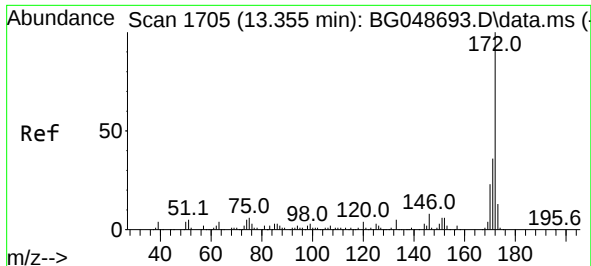
Tgt Ion:164 Resp: 66583
Ion Ratio Lower Upper
164 100
162 93.5 81.4 122.0
160 42.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 96.98 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

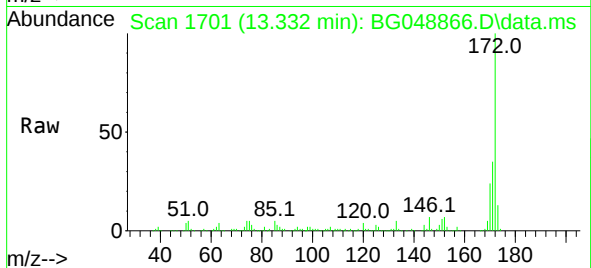
Tgt Ion:330 Resp: 86575
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 44.2 35.6 53.4



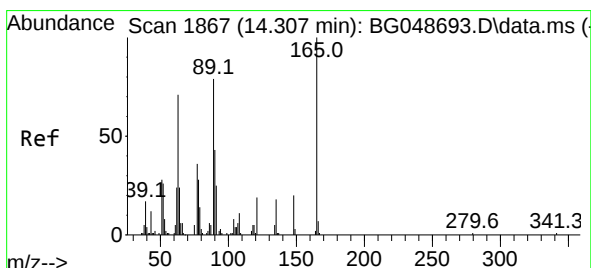
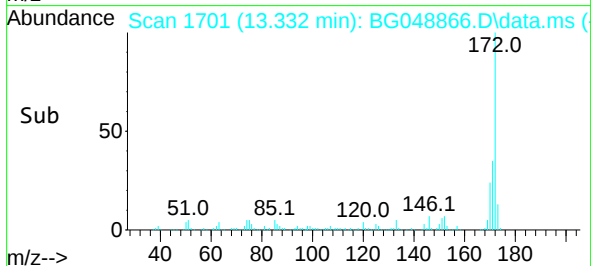
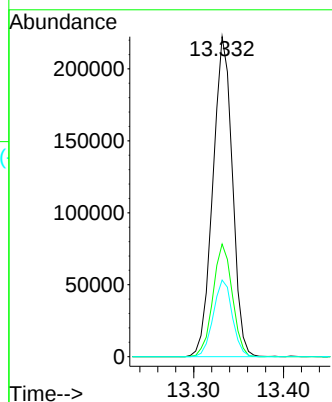


#45
2-Fluorobiphenyl
Concen: 72.74 ng
RT: 13.332 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Instrument :
BNA_G
ClientSampled :
SB-29-0-2.0

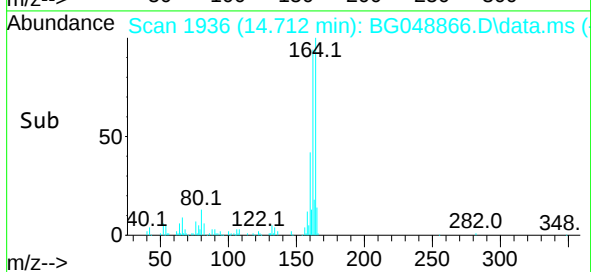
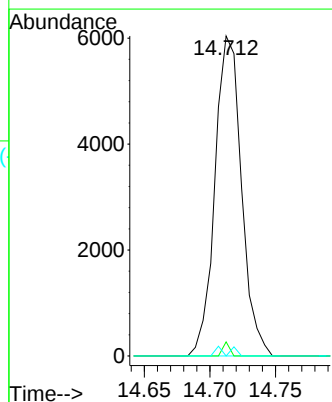
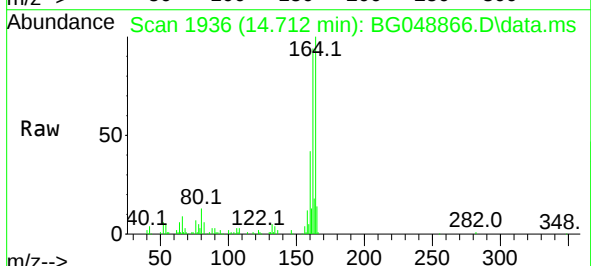


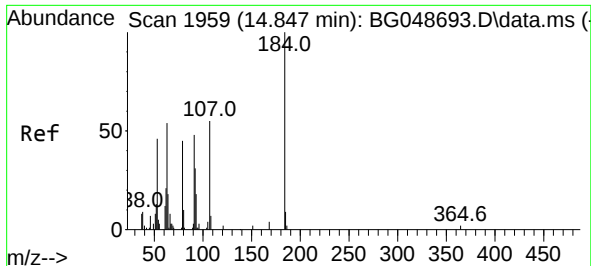
Tgt Ion:172 Resp: 335378
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.37 ng
RT: 14.712 min Scan# 1936
Delta R.T. 0.417 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

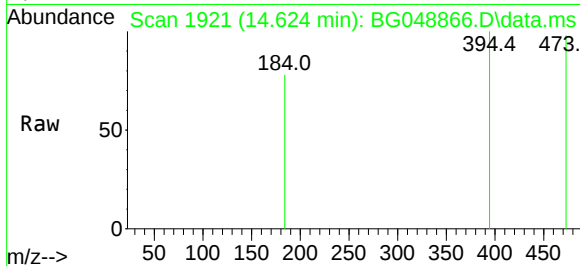
Tgt Ion:165 Resp: 8487
Ion Ratio Lower Upper
165 100
63 4.4 63.3 94.9#
89 0.0 63.4 95.0#



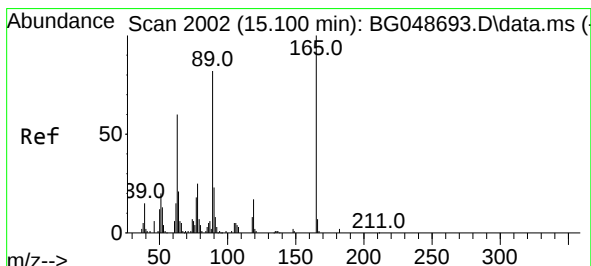
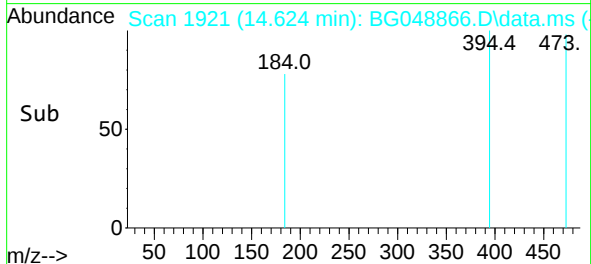
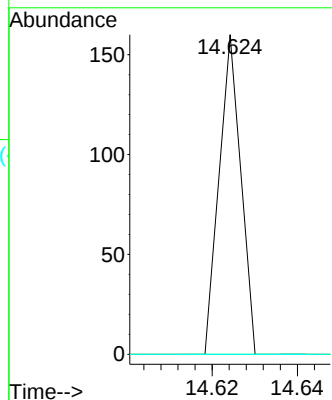


#54
2,4-Dinitrophenol
Concen: 5.36 ng
RT: 14.624 min Scan# 1921
Delta R.T. -0.211 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Instrument :
BNA_G
ClientSampled :
SB-29-0-2.0

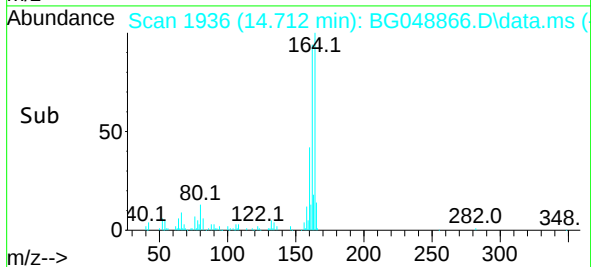
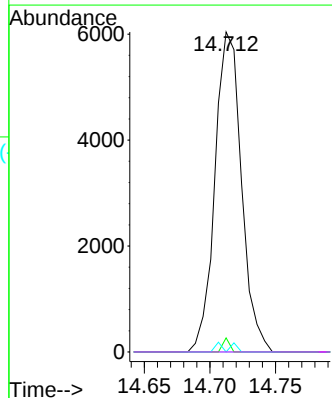
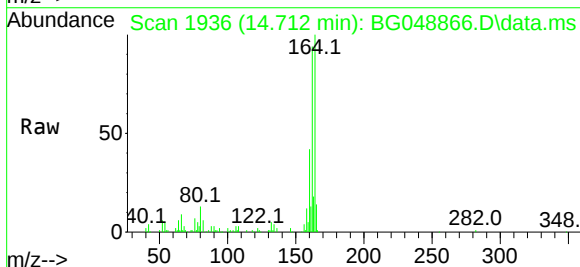


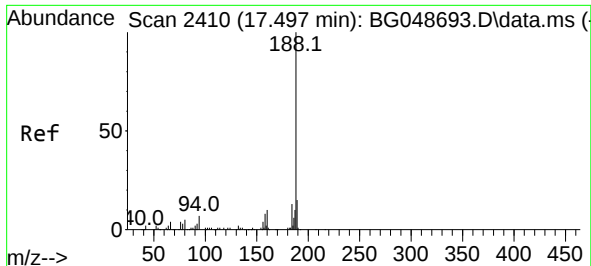
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



#57
2,4-Dinitrotoluene
Concen: 5.07 ng
RT: 14.712 min Scan# 1936
Delta R.T. -0.370 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:165 Resp: 8487
Ion Ratio Lower Upper
165 100
63 4.4 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

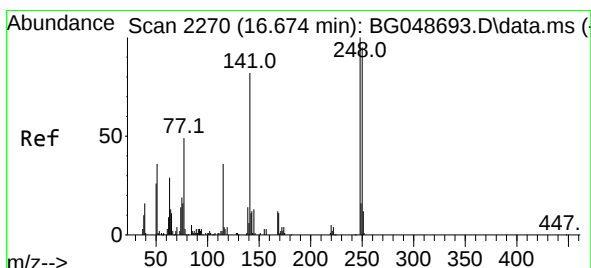
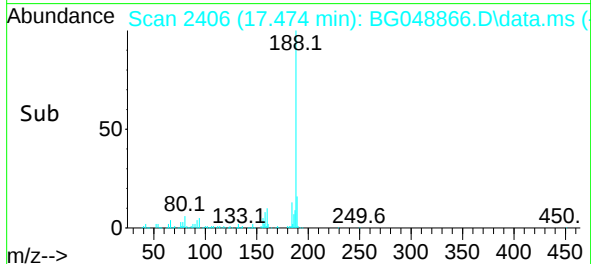
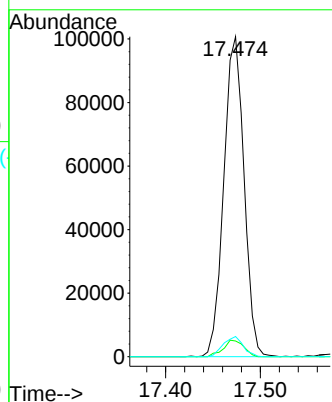
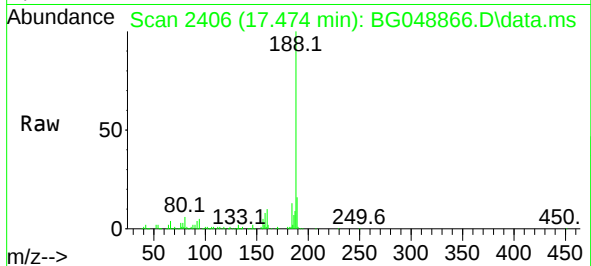




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

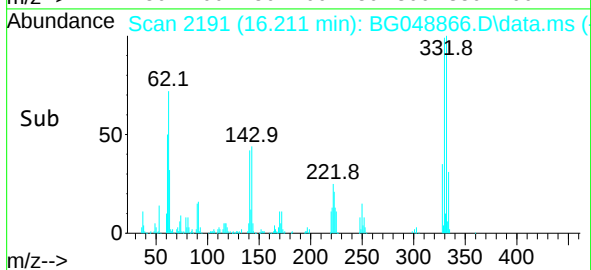
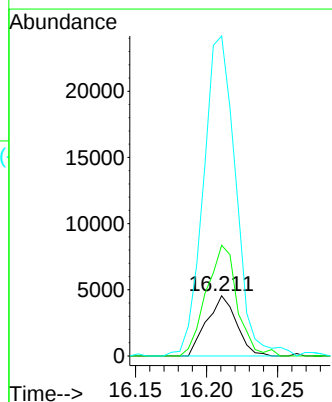
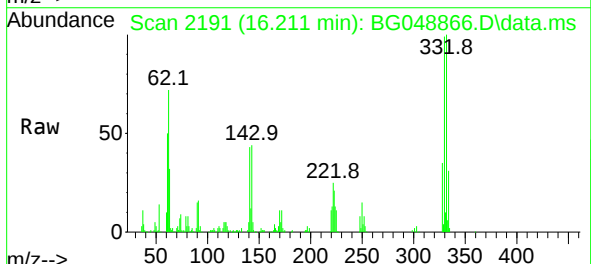
Instrument :
BNA_G
ClientSampleId :
SB-29-0-2.0

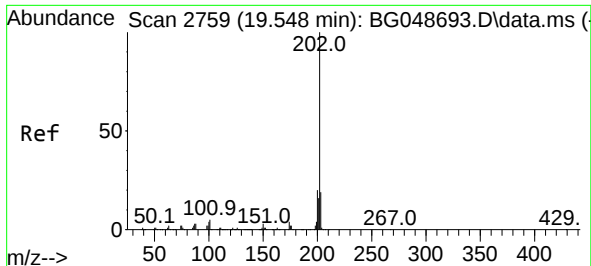
Tgt Ion:188 Resp: 149445
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.452 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:248 Resp: 6611
Ion Ratio Lower Upper
248 100
250 234.9 76.1 114.1#
141 532.2 65.4 98.2#

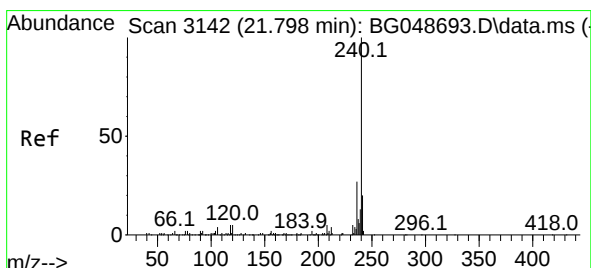
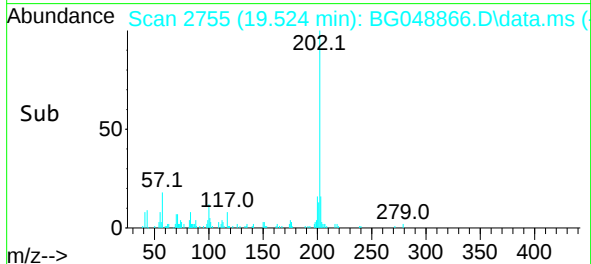
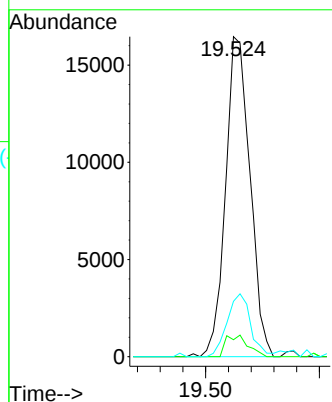
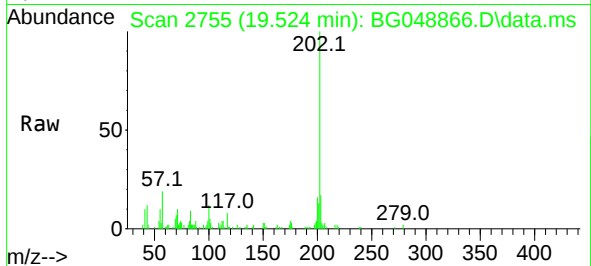




#75
Fluoranthene
Concen: 2.50 ng
RT: 19.524 min Scan# 2755
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

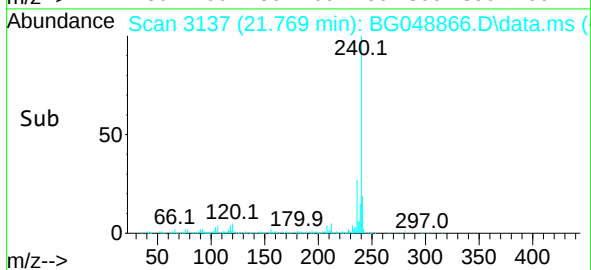
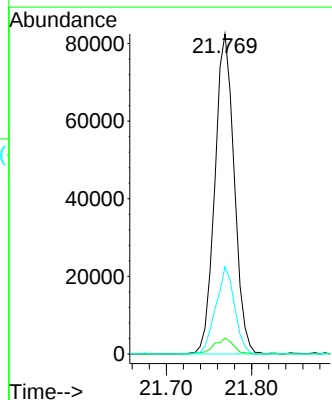
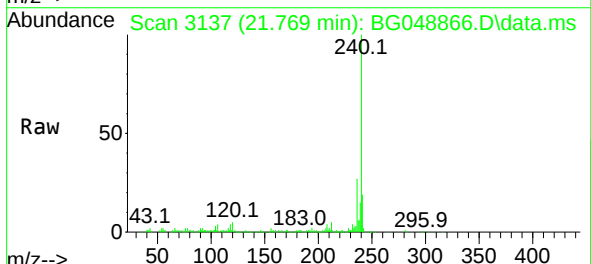
Instrument :
BNA_G
ClientSampled :
SB-29-0-2.0

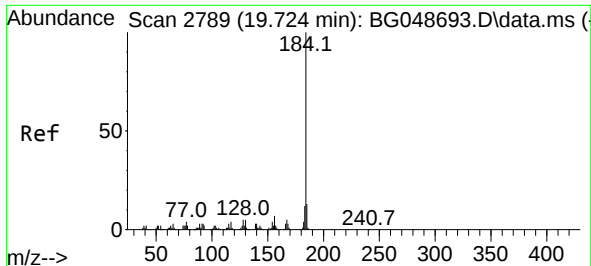
Tgt Ion:202 Resp: 24556
Ion Ratio Lower Upper
202 100
101 8.0 0.0 24.7
203 17.3 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.769 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:240 Resp: 129948
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 27.3 21.8 32.6

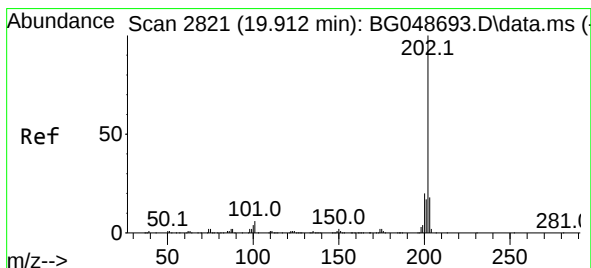
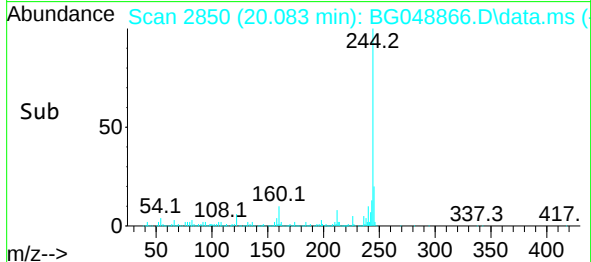
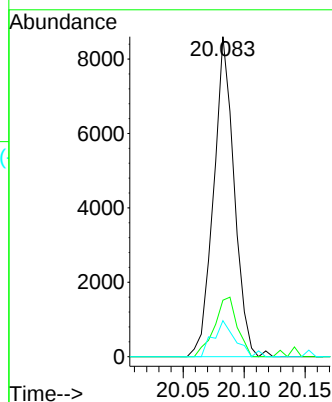
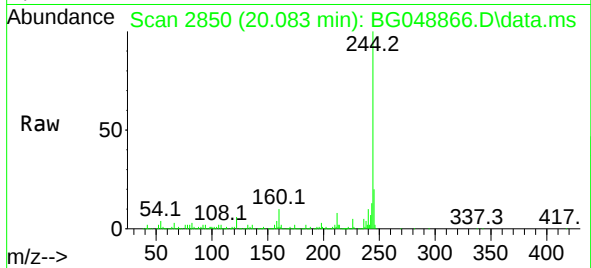




#77
Benzidine
Concen: 2.87 ng
RT: 20.083 min Scan# 2850
Delta R.T. 0.370 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

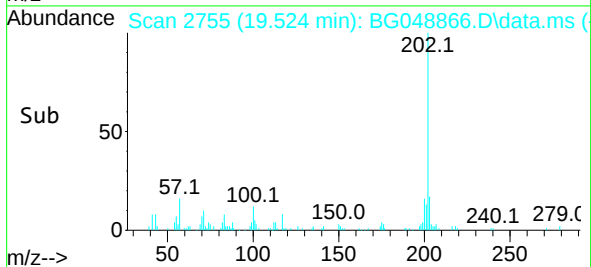
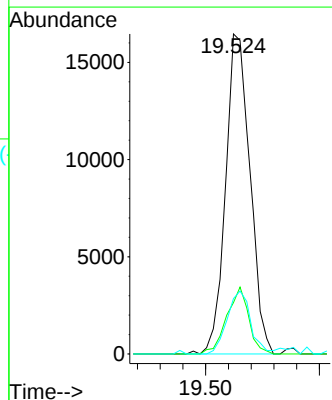
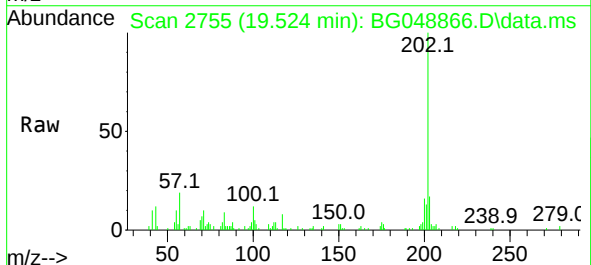
Instrument :
BNA_G
ClientSampleId :
SB-29-0-2.0

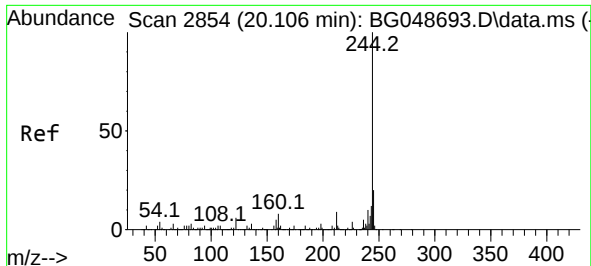
Tgt Ion:184 Resp: 10120
Ion Ratio Lower Upper
184 100
185 17.6 10.7 16.1#
183 11.2 9.4 14.0



#78
Pyrene
Concen: 2.73 ng
RT: 19.524 min Scan# 2755
Delta R.T. -0.376 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:202 Resp: 24556
Ion Ratio Lower Upper
202 100
200 16.0 15.8 23.8
203 17.3 14.6 21.8

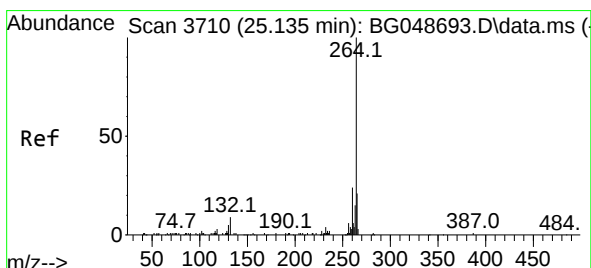
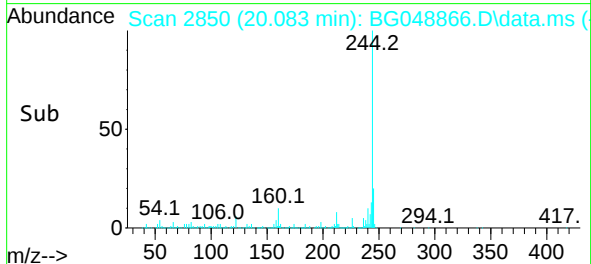
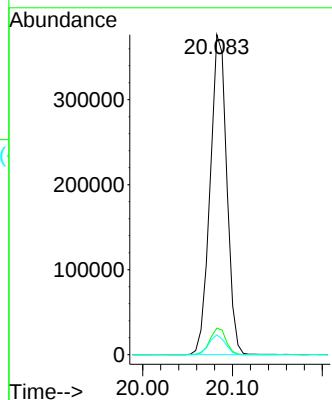
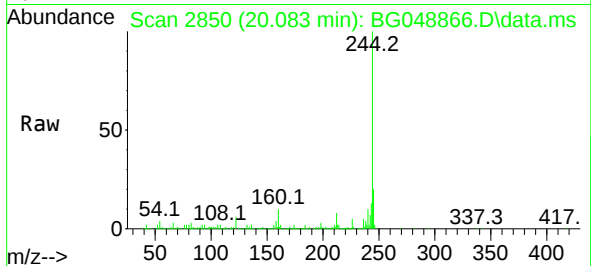




#79
Terphenyl-d14
Concen: 64.15 ng
RT: 20.083 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Instrument :
BNA_G
ClientSampled :
SB-29-0-2.0

Tgt Ion:244 Resp: 484315
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 6.2 5.0 7.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.094 min Scan# 3703
Delta R.T. -0.018 min
Lab File: BG048866.D
Acq: 23 Apr 2021 16:51

Tgt Ion:264 Resp: 130689
Ion Ratio Lower Upper
264 100
260 21.5 19.4 29.2
265 23.1 16.9 25.3

