

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048744.D
 Acq On : 17 Apr 2021 7:38
 Operator : CG/JU
 Sample : PB135796TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135796TB

Quant Time: Apr 19 00:23:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

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

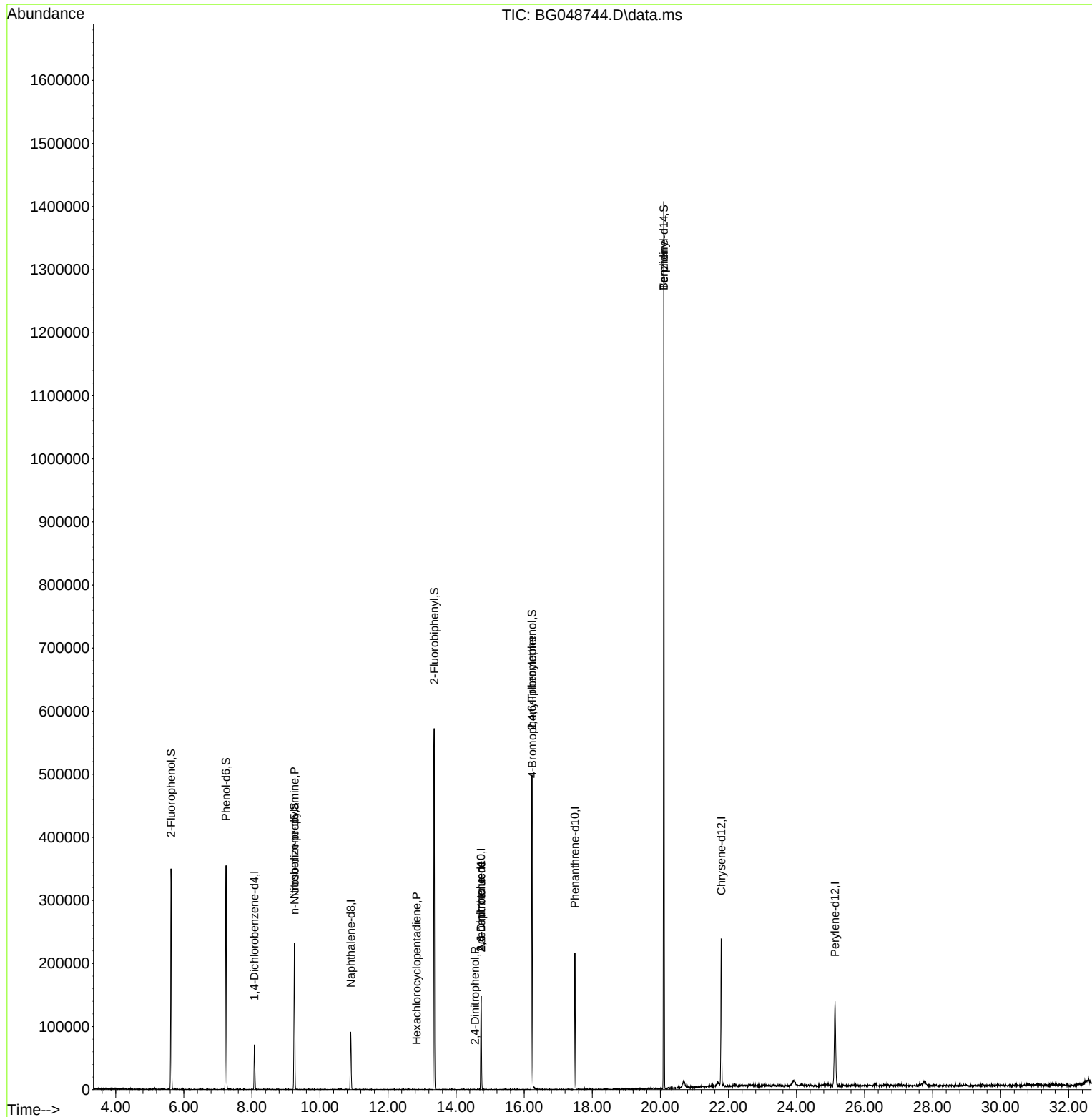
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.074	152	17219	20.00	ng	# 0.00
21) Naphthalene-d8	10.906	136	73298	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	52786	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	129495	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	149164	20.00	ng	0.00
86) Perylene-d12	25.130	264	141425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	131351	127.58	ng	0.00
7) Phenol-d6	7.239	99	168529	115.73	ng	0.00
23) Nitrobenzene-d5	9.249	82	125073	76.39	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	79496	112.32	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	279062	76.35	ng	0.00
79) Terphenyl-d14	20.101	244	624542	72.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.255	70	20917	21.29	ng	# 66
41) Hexachlorocyclopentadiene	12.839	237	59	5.92	ng	# 31
51) 2,6-Dinitrotoluene	14.736	165	7612	8.33	ng	# 10
54) 2,4-Dinitrophenol	14.560	184	63	5.39	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	7612	5.74	ng	# 15
67) 4-Bromophenyl-phenylether	16.235	248	5840	3.92	ng	# 1
77) Benzidine	20.107	184	12817	3.16	ng	96

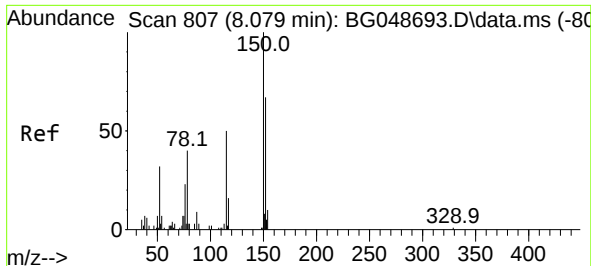
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

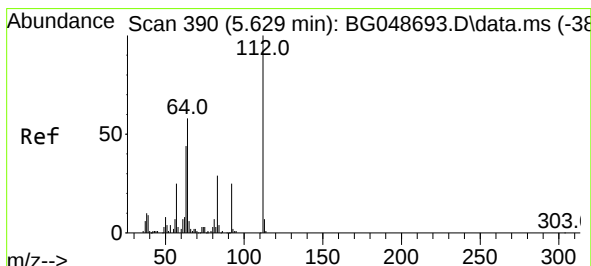
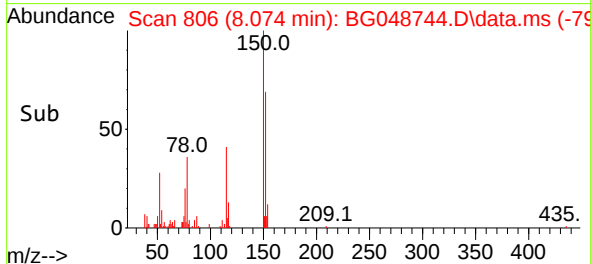
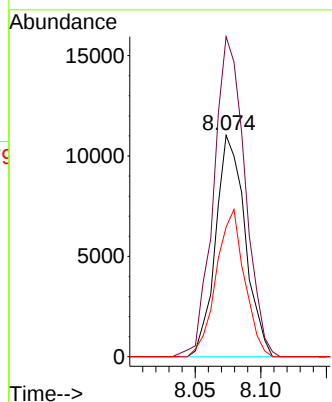
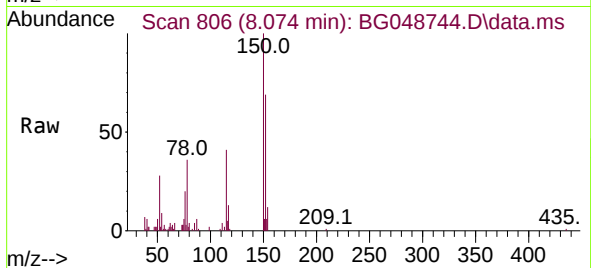




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.074 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

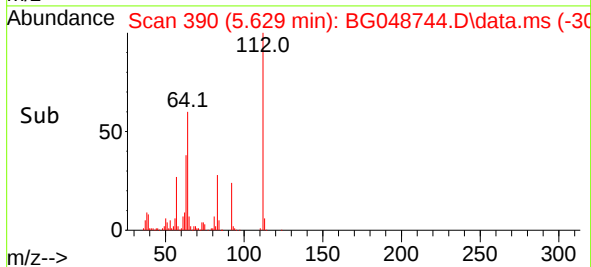
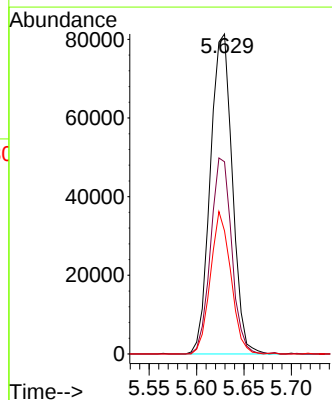
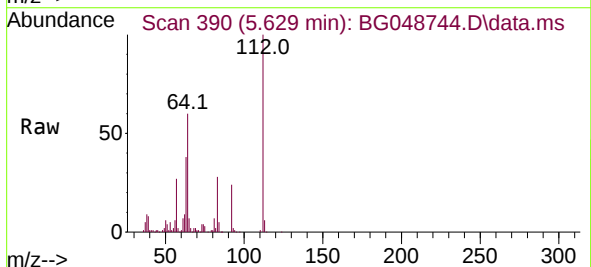
Instrument :
BNA_G
ClientSampleID :
PB135796TB

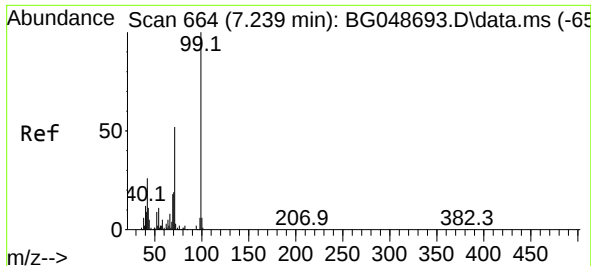
Tgt Ion:152 Resp: 17219
Ion Ratio Lower Upper
152 100
150 144.6 119.4 179.0
115 58.6 60.2 90.4#



#5
2-Fluorophenol
Concen: 127.58 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

Tgt Ion:112 Resp: 131351
Ion Ratio Lower Upper
112 100
64 60.0 46.7 70.1
63 38.5 35.3 52.9

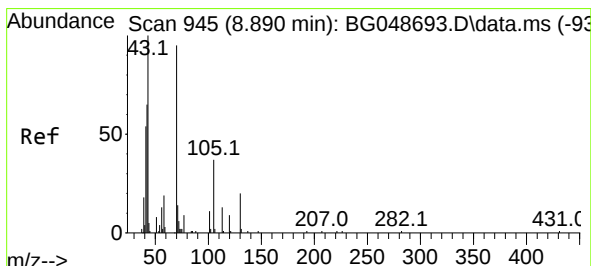
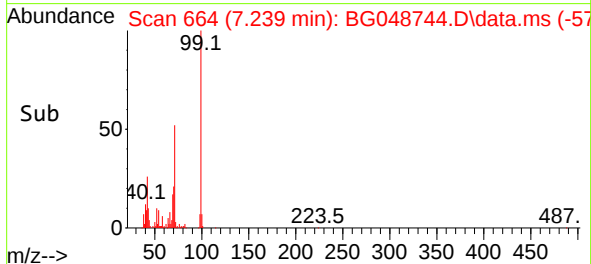
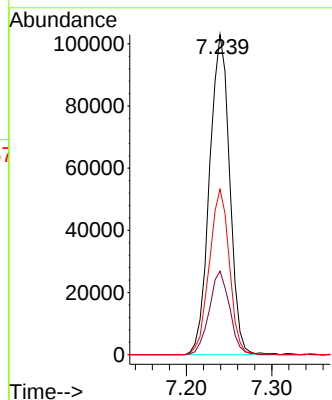
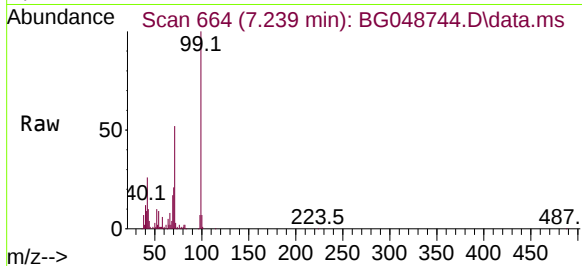




#7
Phenol-d6
Concen: 115.73 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

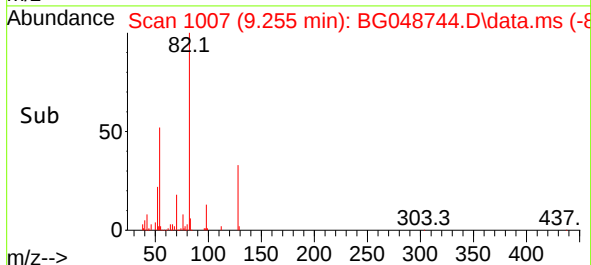
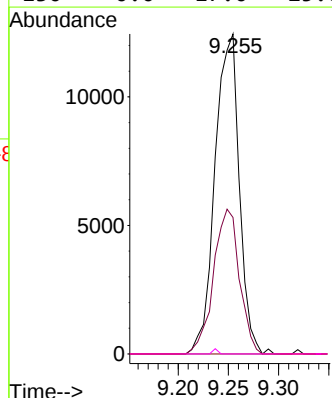
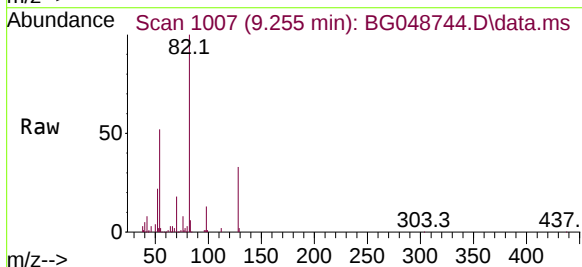
Instrument :
BNA_G
ClientSampleId :
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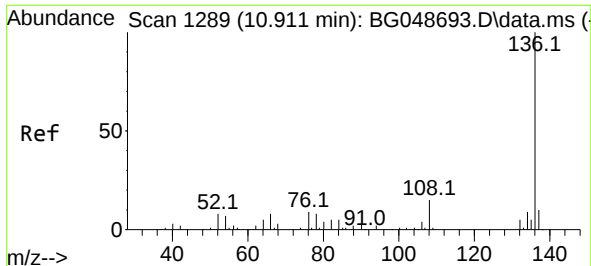
Tgt Ion: 99 Resp: 168529
Ion Ratio Lower Upper
99 100
42 26.1 20.5 30.7
71 51.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.29 ng
RT: 9.255 min Scan# 1007
Delta R.T. 0.364 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

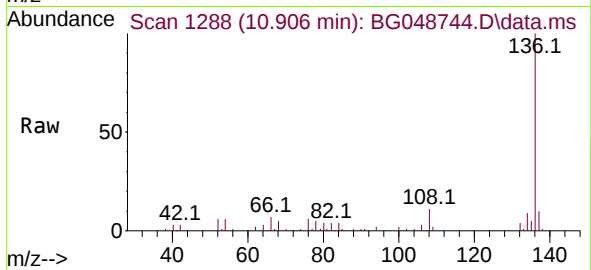
Tgt Ion: 70 Resp: 20917
Ion Ratio Lower Upper
70 100
42 42.7 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



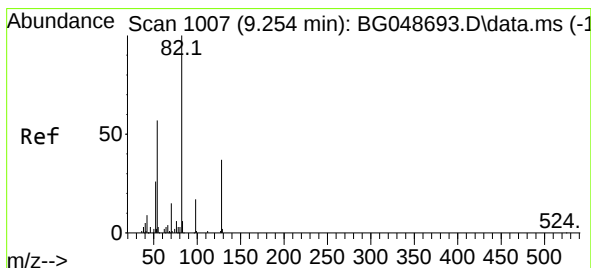
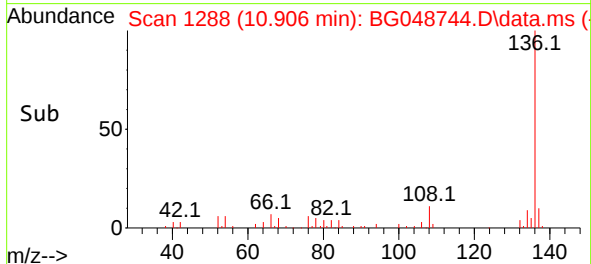
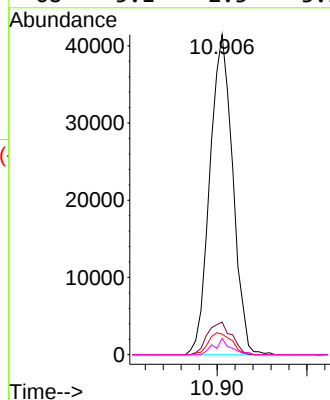


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

Instrument :
BNA_G
ClientSampleID :
PB135796TB

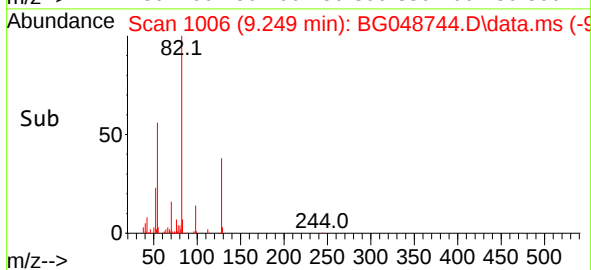
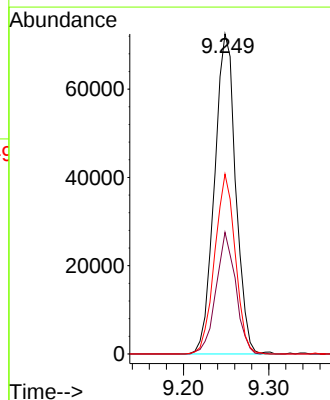
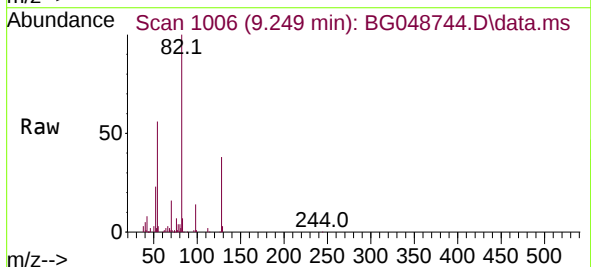


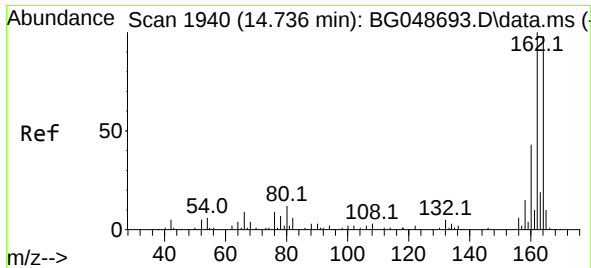
Tgt Ion:	136	Resp:	73298
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.2	12.2
54	6.5	5.5	8.3
68	5.1	2.3	3.5



#23
Nitrobenzene-d5
Concen: 76.39 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

Tgt Ion:	82	Resp:	125073
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.8	44.6
54	56.2	45.8	68.8

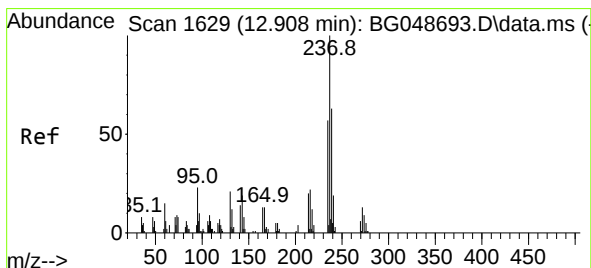
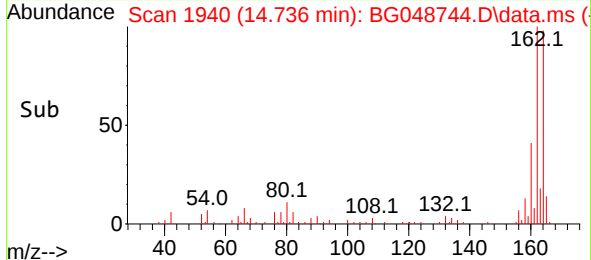
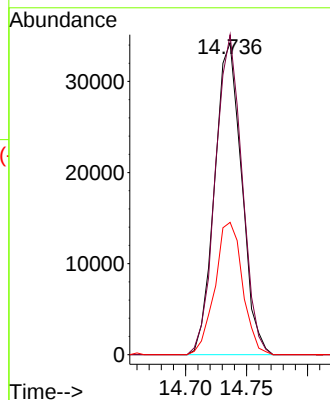
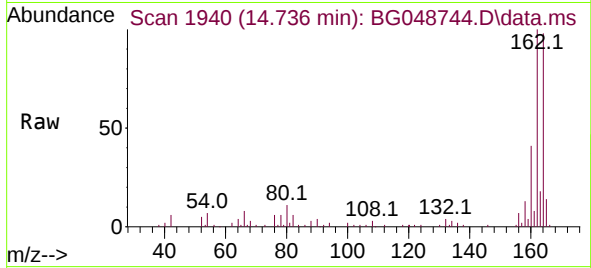




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

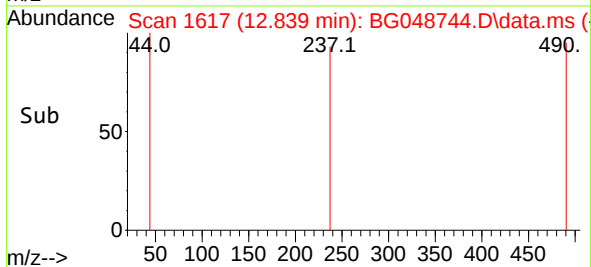
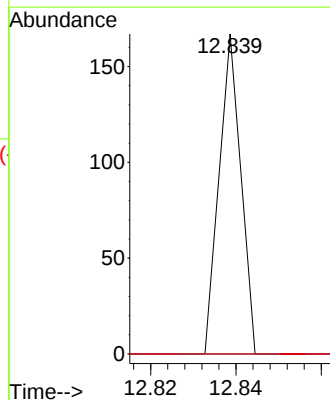
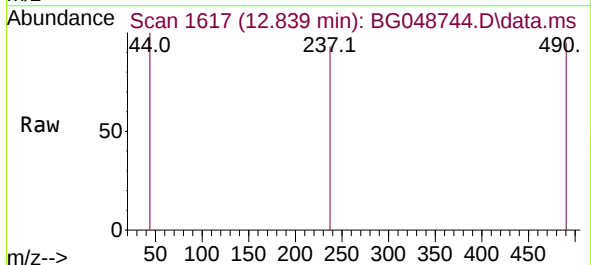
Instrument :
BNA_G
ClientSampleID :
PB135796TB

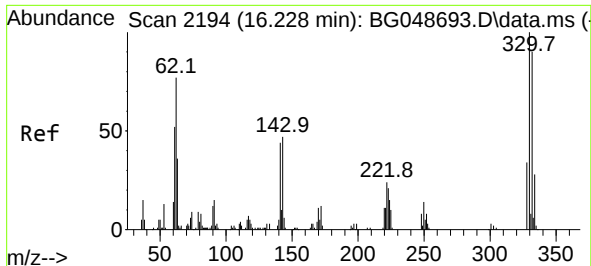
Tgt Ion:	164	Resp:	52786
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	42.4	34.9	52.3



#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.839 min Scan# 1617
Delta R.T. -0.071 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

Tgt Ion:	237	Resp:	59
Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5

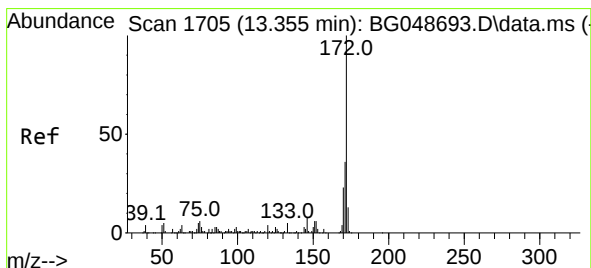
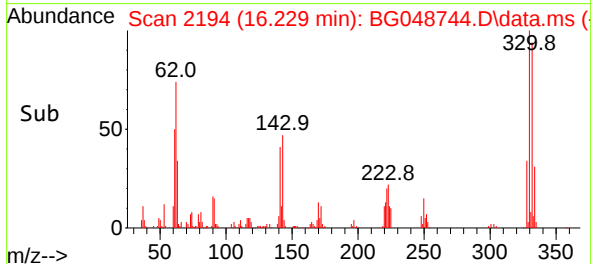
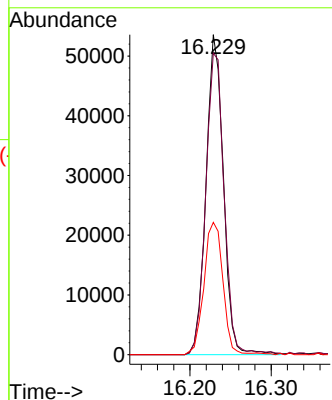
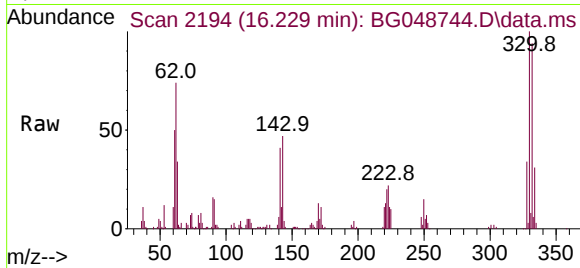




#42
2,4,6-Tribromophenol
Concen: 112.32 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

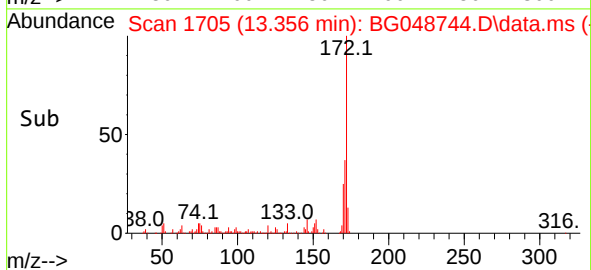
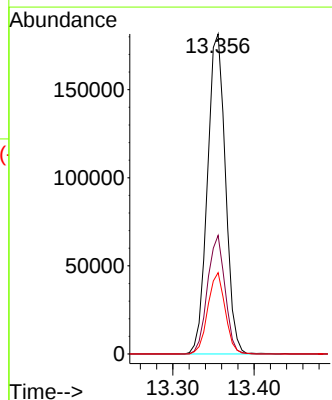
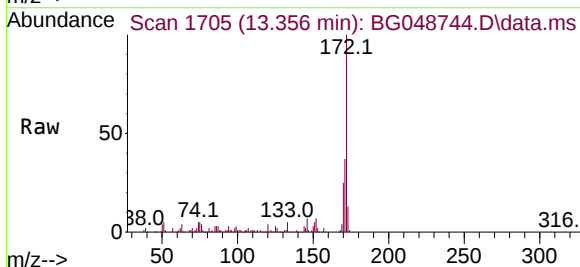
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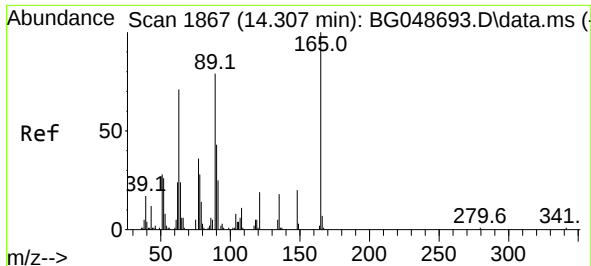
Tgt Ion:330 Resp: 79496
Ion Ratio Lower Upper
330 100
332 99.5 77.3 115.9
141 44.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 76.35 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

Tgt Ion:172 Resp: 279062
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 25.4 18.6 27.8

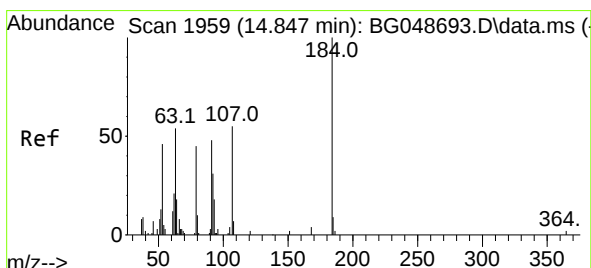
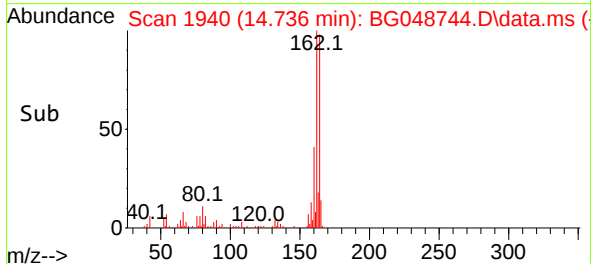
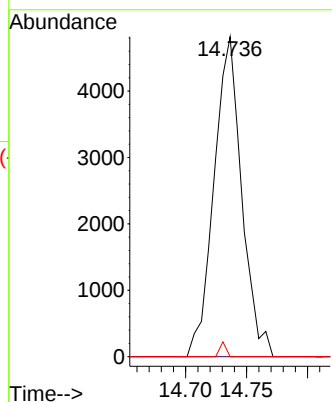
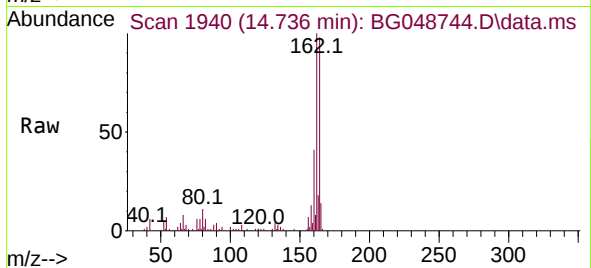




#51
2,6-Dinitrotoluene
Concen: 8.33 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

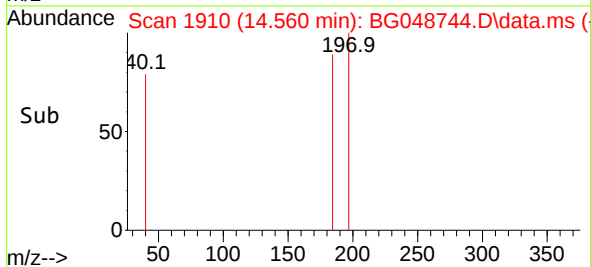
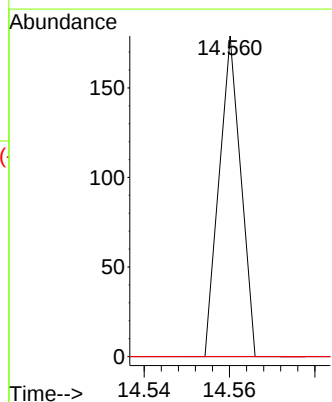
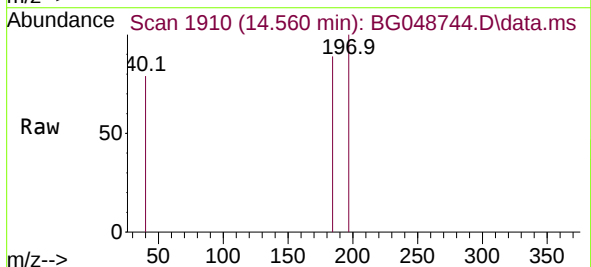
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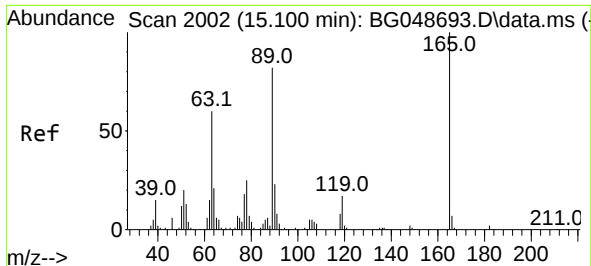
Tgt Ion:165 Resp: 7612
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.39 ng
RT: 14.560 min Scan# 1910
Delta R.T. -0.294 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

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

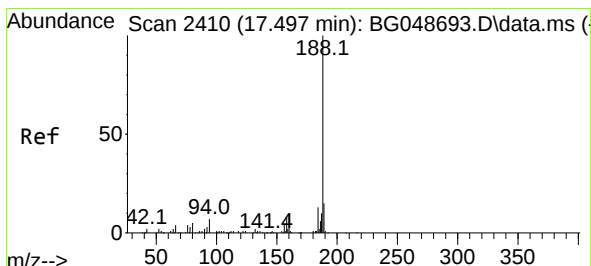
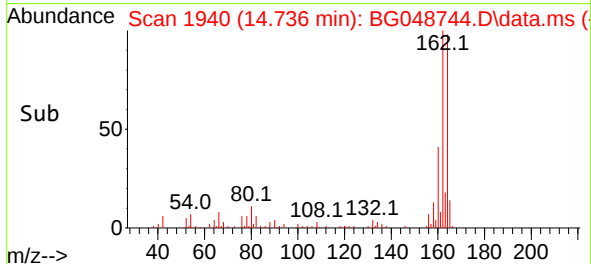
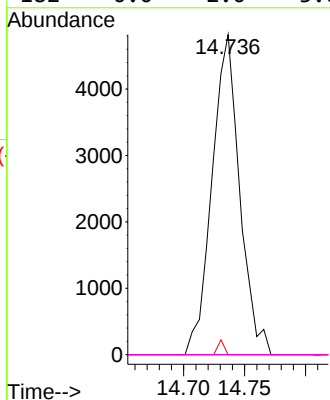
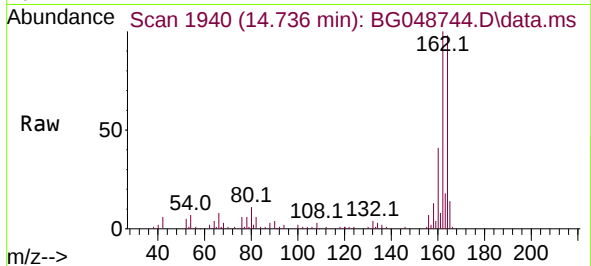




#57
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

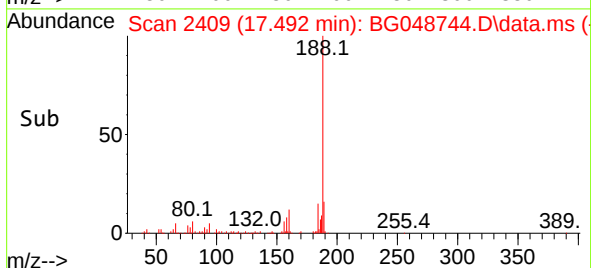
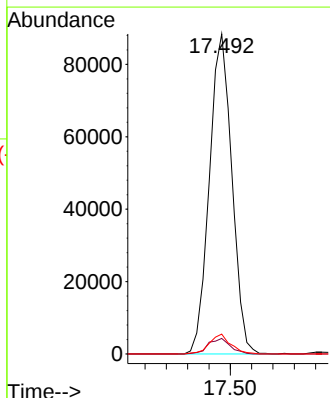
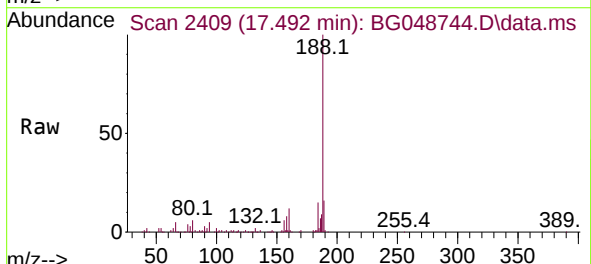
Instrument :
BNA_G
ClientSampleId :
PB135796TB

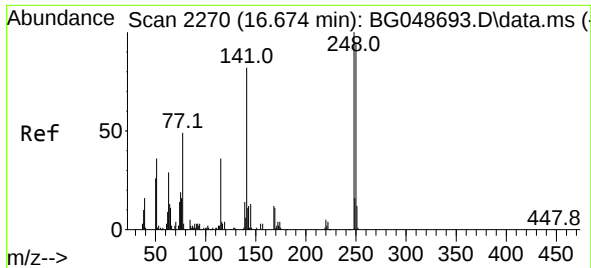
Tgt Ion:165 Resp: 7612
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

Tgt Ion:188 Resp: 129495
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.2 3.7 5.5#

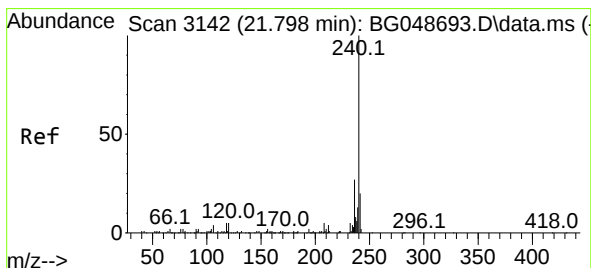
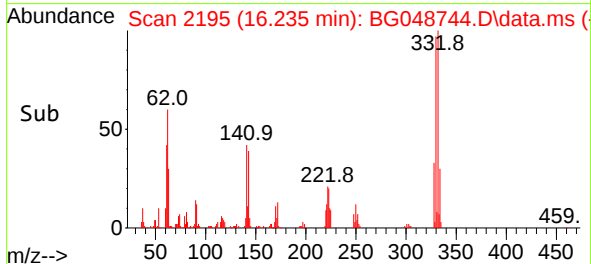
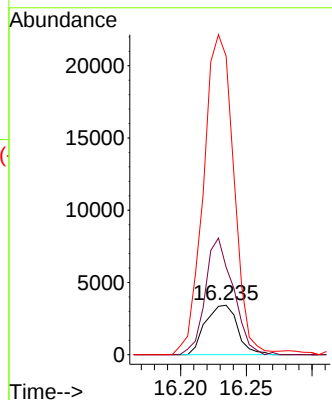
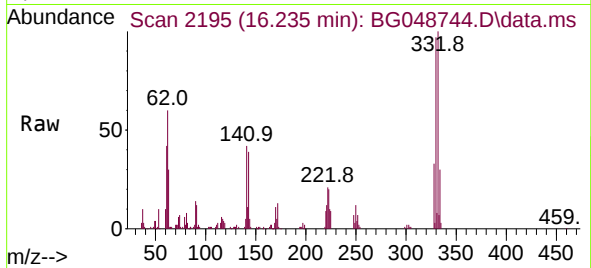




#67
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.441 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

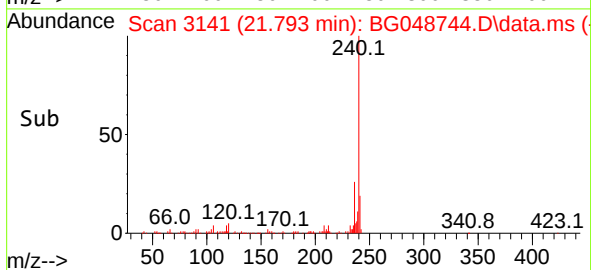
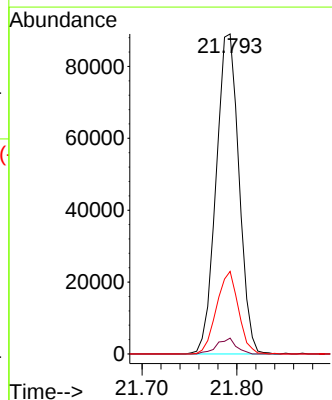
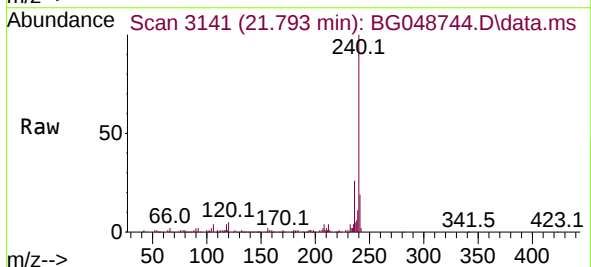
Instrument :
BNA_G
ClientSampleID :
PB135796TB

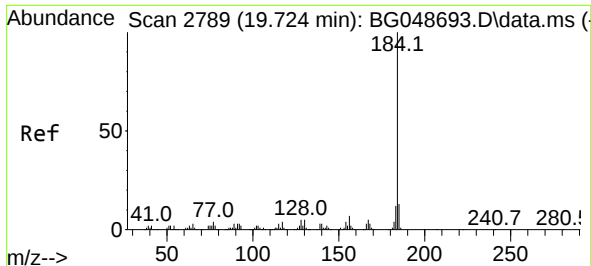
Tgt Ion:248 Resp: 5840
Ion Ratio Lower Upper
248 100
250 177.2 76.1 114.1#
141 603.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

Tgt Ion:240 Resp: 149164
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 25.8 21.8 32.6

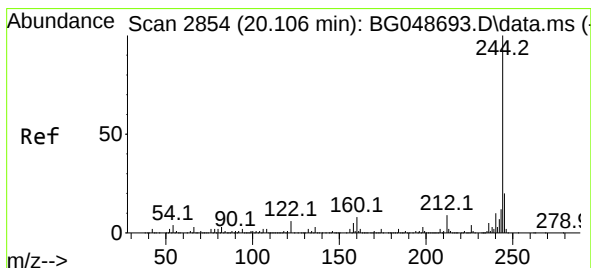
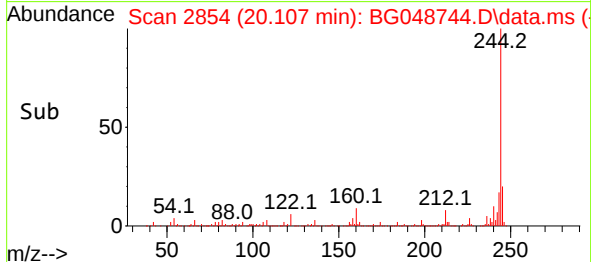
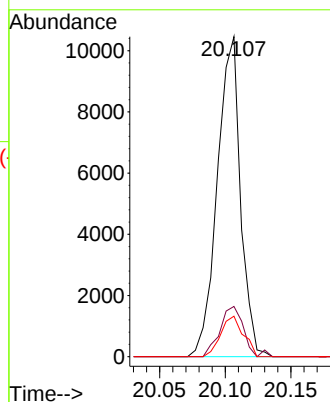
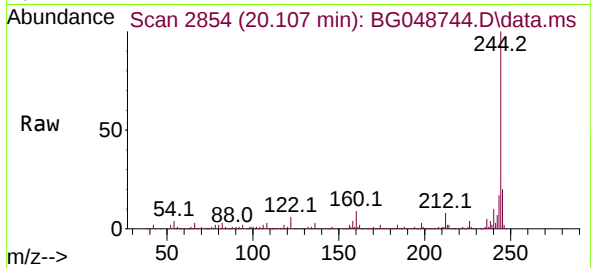




#77
Benzidine
Concen: 3.16 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.376 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

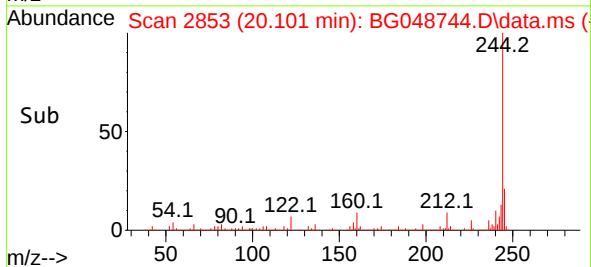
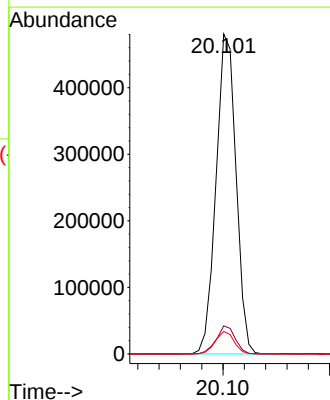
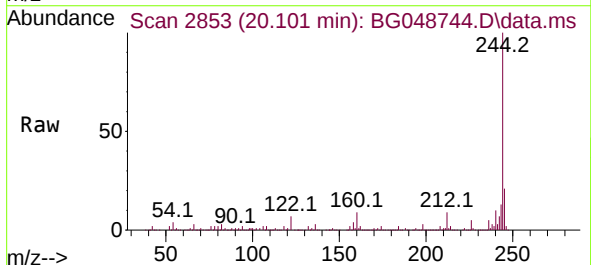
Instrument :
BNA_G
ClientSampleId :
PB135796TB

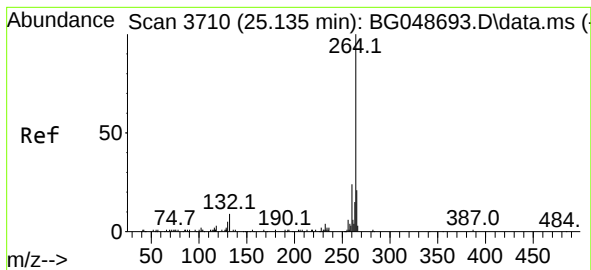
Tgt Ion:184 Resp: 12817
Ion Ratio Lower Upper
184 100
185 15.7 10.7 16.1
183 12.6 9.4 14.0



#79
Terphenyl-d14
Concen: 72.06 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048744.D
Acq: 17 Apr 2021 7:38

Tgt Ion:244 Resp: 624542
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 7.0 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.012 min
 Lab File: BG048744.D
 Acq: 17 Apr 2021 7:38

Instrument :
 BNA_G
 ClientSampleId :
 PB135796TB

Tgt Ion:264	Resp:	141425
Ion Ratio	Lower	Upper
264	100	
260	21.1	19.4 29.2
265	20.8	16.9 25.3

