

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048855.D
 Acq On : 22 Apr 2021 20:25
 Operator : CG/JU
 Sample : M2025-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Apr 23 01:21:55 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)

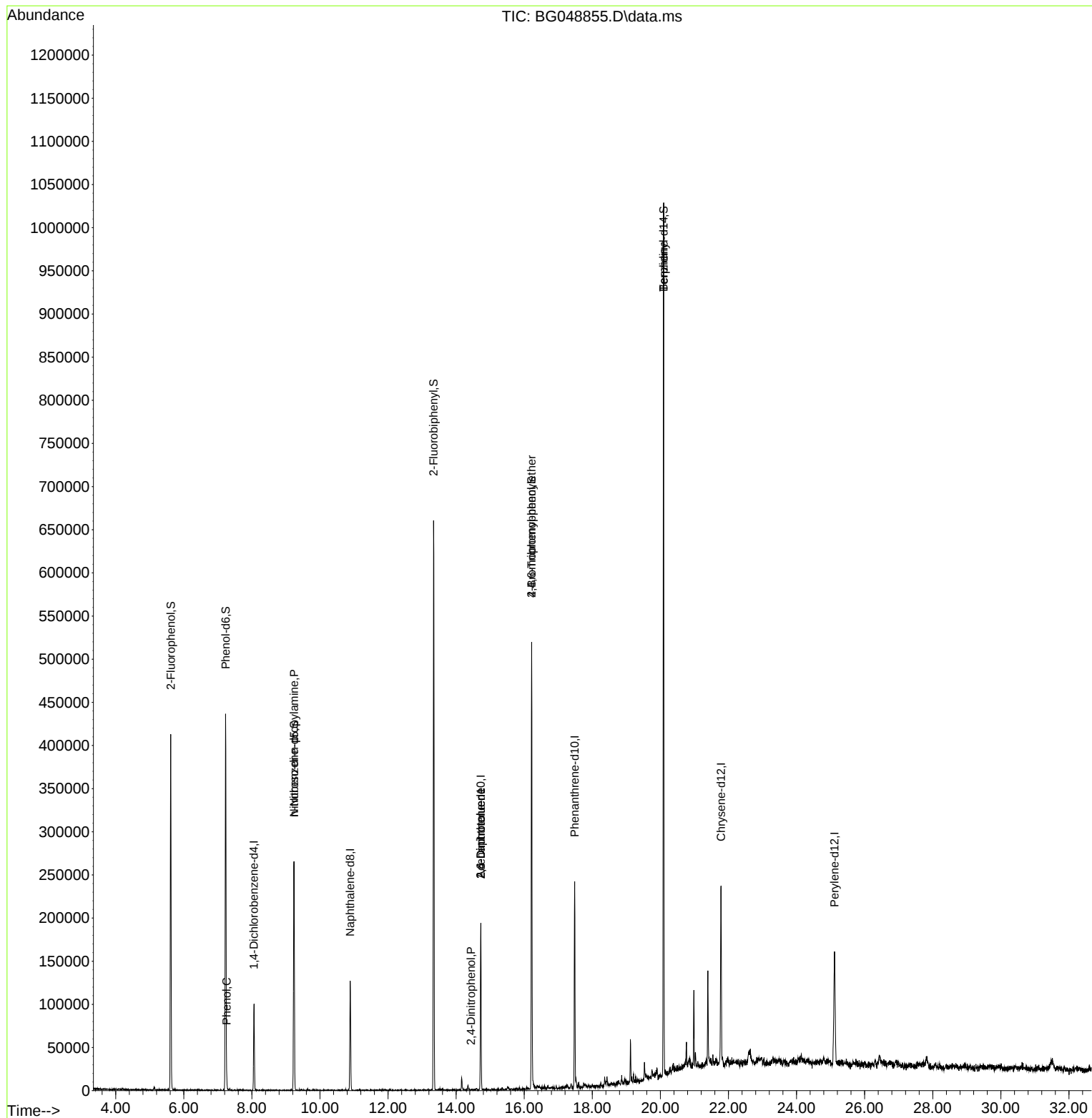
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	24637	20.00	ng	0.00
21) Naphthalene-d8	10.889	136	101592	20.00	ng	0.00
39) Acenaphthene-d10	14.725	164	64463	20.00	ng	0.00
64) Phenanthrene-d10	17.481	188	143204	20.00	ng	# 0.00
76) Chrysene-d12	21.782	240	130003	20.00	ng	0.00
86) Perylene-d12	25.113	264	127226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.618	112	164915	111.95	ng	0.01
7) Phenol-d6	7.228	99	211545	101.53	ng	0.00
23) Nitrobenzene-d5	9.238	82	158015	69.63	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	85050	98.40	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	327121	73.28	ng	0.00
79) Terphenyl-d14	20.095	244	456725	60.47	ng	0.00
Target Compounds						
10) Phenol	7.257	94	5308	2.59	ng	Qvalue 88
19) n-Nitroso-di-n-propyla...	9.238	70	25400	18.07	ng	# 68
51) 2,6-Dinitrotoluene	14.725	165	9059	8.12	ng	# 10
54) 2,4-Dinitrophenol	14.437	184	59	5.36	ng	# 8
57) 2,4-Dinitrotoluene	14.725	165	9059	5.59	ng	# 15
67) 4-Bromophenyl-phenylether	16.218	248	6082	3.69	ng	# 1
77) Benzidine	20.095	184	9303	2.64	ng	# 83

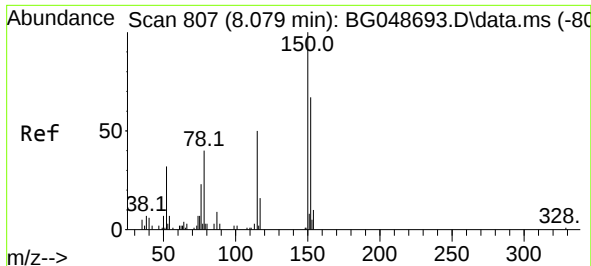
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
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Instrument :
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Quant Time: Apr 23 01:21:55 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

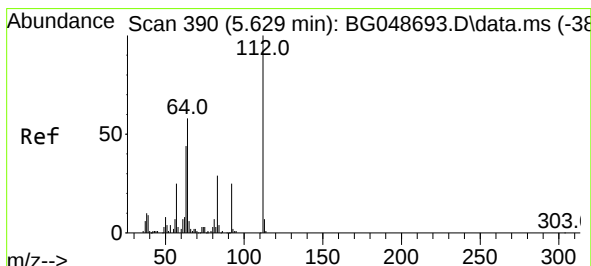
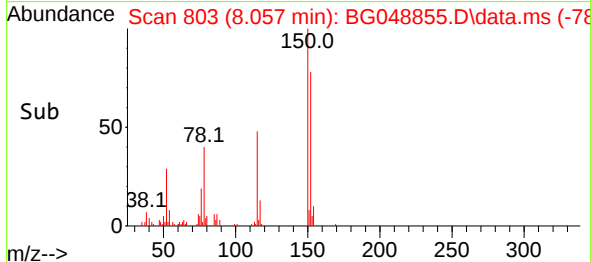
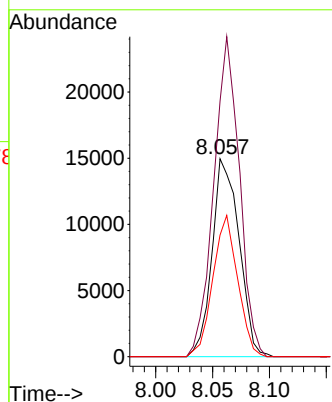
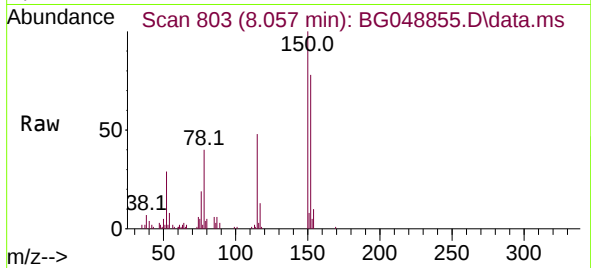




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.057 min Scan# 803
Delta R.T. -0.004 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

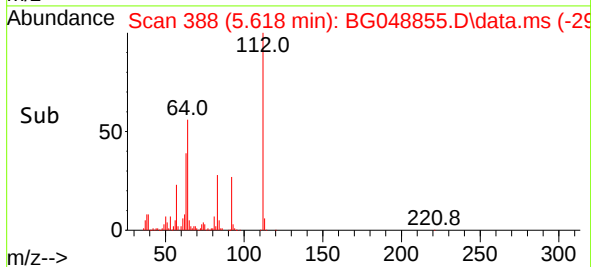
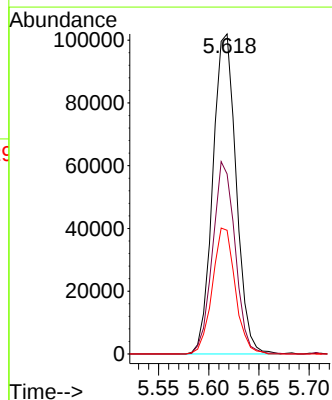
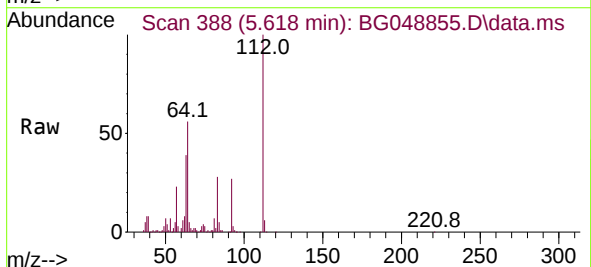
Instrument :
BNA_G
ClientSampleId :
WC-3

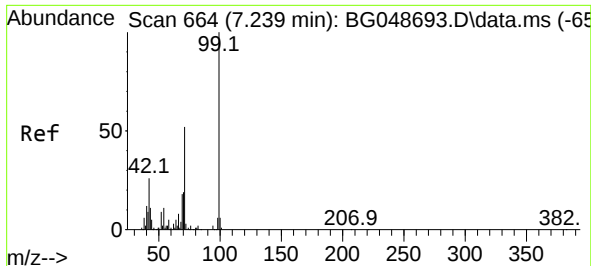
Tgt Ion:152 Resp: 24637
Ion Ratio Lower Upper
152 100
150 129.0 119.4 179.0
115 61.5 60.2 90.4



#5
2-Fluorophenol
Concen: 111.95 ng
RT: 5.618 min Scan# 388
Delta R.T. 0.013 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

Tgt Ion:112 Resp: 164915
Ion Ratio Lower Upper
112 100
64 56.3 46.7 70.1
63 38.7 35.3 52.9

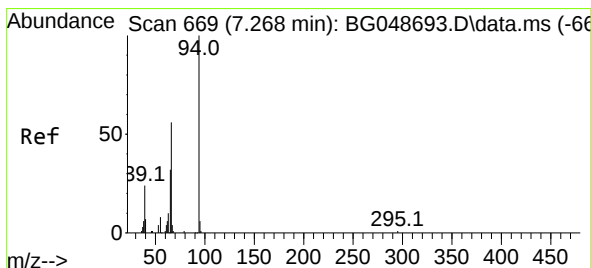
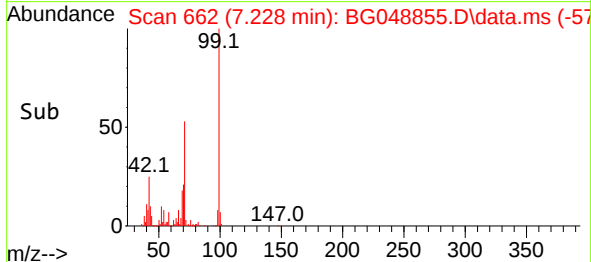
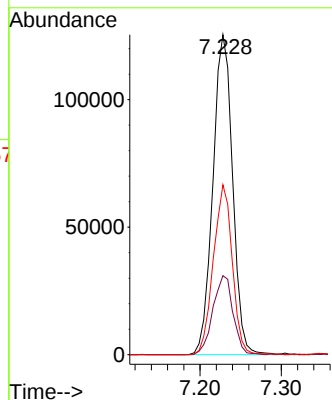
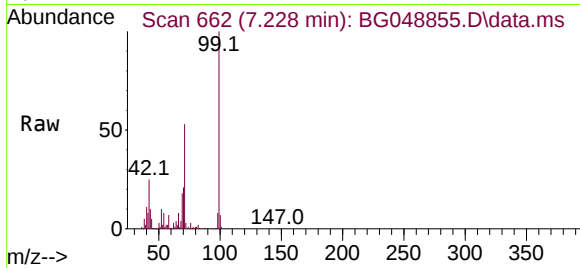




#7
Phenol-d6
Concen: 101.53 ng
RT: 7.228 min Scan# 662
Delta R.T. 0.007 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

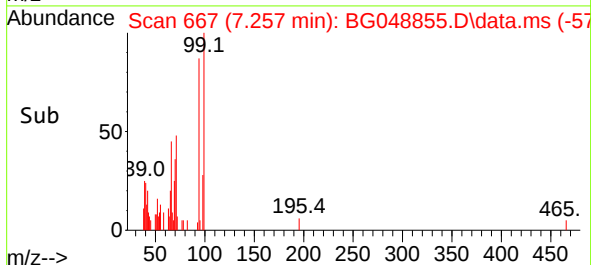
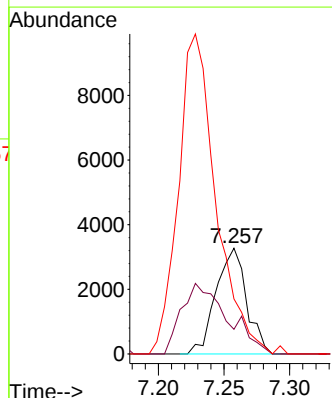
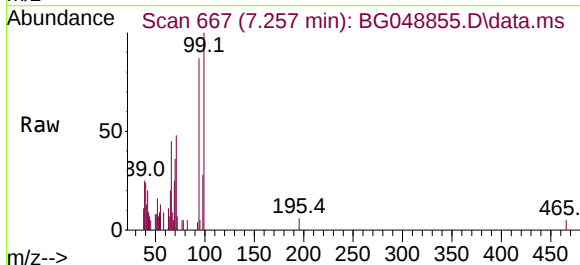
Instrument :
BNA_G
ClientSampleId :
WC-3

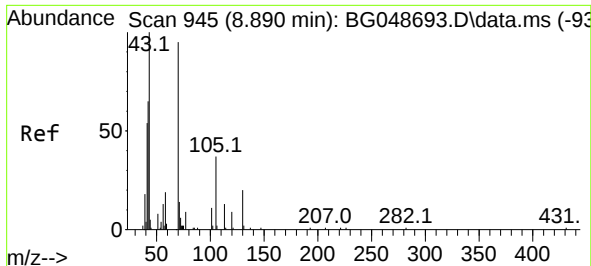
Tgt Ion: 99 Resp: 211545
Ion Ratio Lower Upper
99 100
42 24.7 20.5 30.7
71 53.1 41.5 62.3



#10
Phenol
Concen: 2.59 ng
RT: 7.257 min Scan# 667
Delta R.T. 0.007 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

Tgt Ion: 94 Resp: 5308
Ion Ratio Lower Upper
94 100
65 23.3 12.9 52.9
66 52.0 39.4 79.4

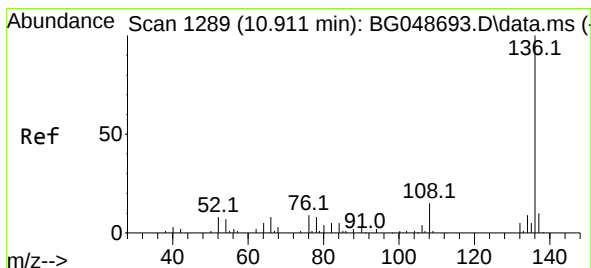
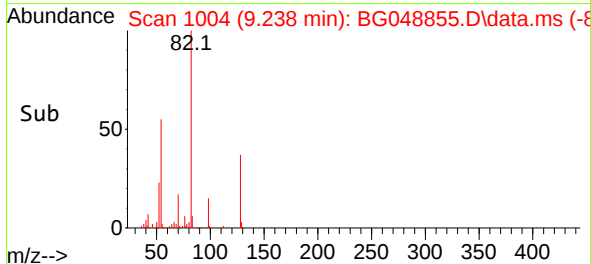
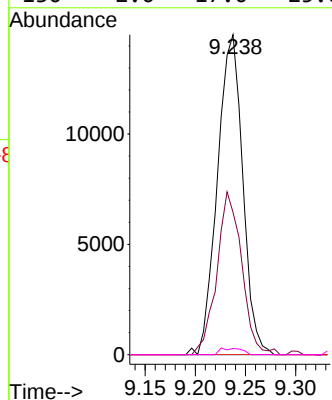
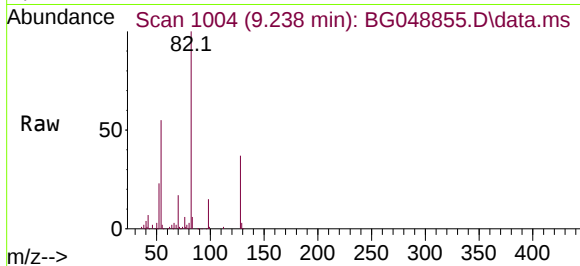




#19
n-Nitroso-di-n-propylamine
Concen: 18.07 ng
RT: 9.238 min Scan# 1004
Delta R.T. 0.365 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

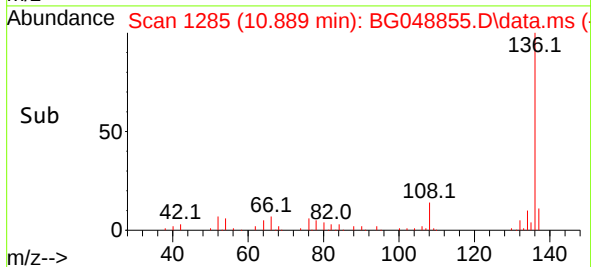
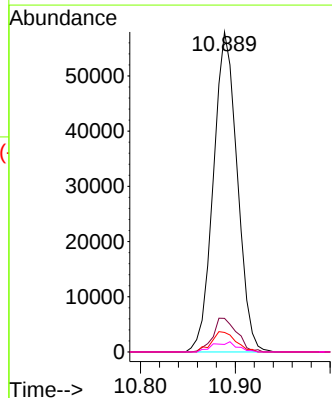
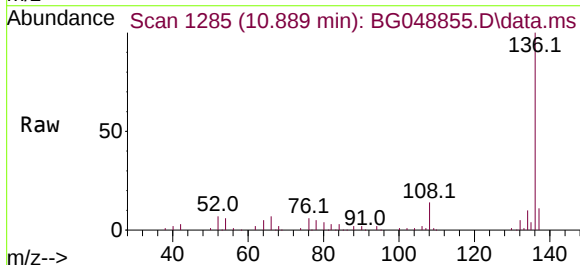
Instrument :
BNA_G
ClientSampleId :
WC-3

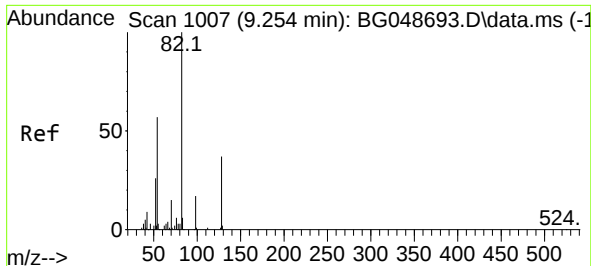
Tgt Ion:	70	Resp:	25400
Ion Ratio	Lower	Upper	
70	100		
42	44.5	54.5	81.7#
101	0.0	9.0	13.6#
130	2.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.889 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

Tgt Ion:	136	Resp:	101592
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	6.1	5.5	8.3
68	2.3	2.3	3.5

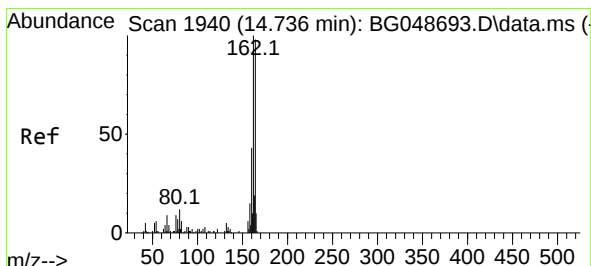
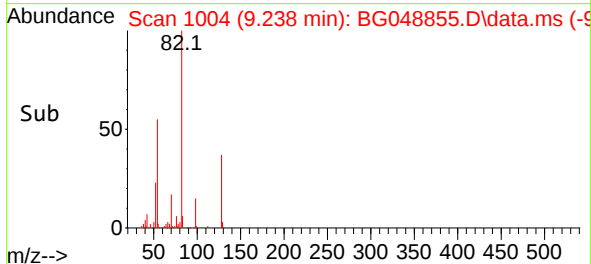
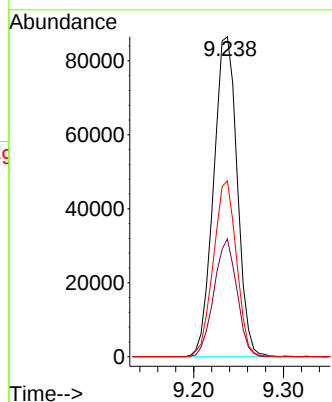
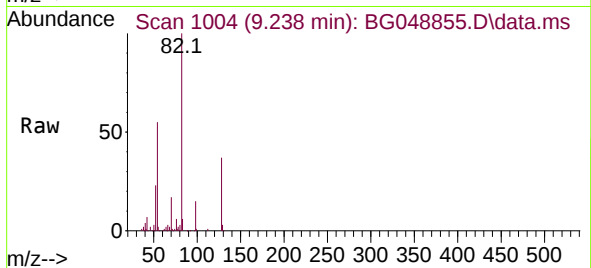




#23
Nitrobenzene-d5
Concen: 69.63 ng
RT: 9.238 min Scan# 1004
Delta R.T. 0.001 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

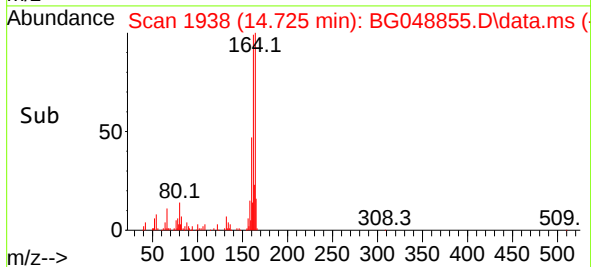
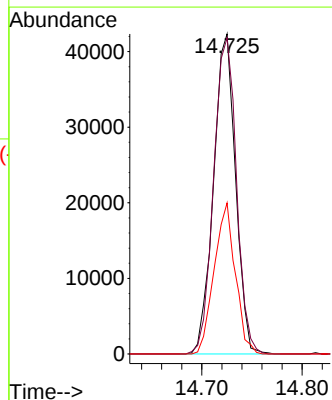
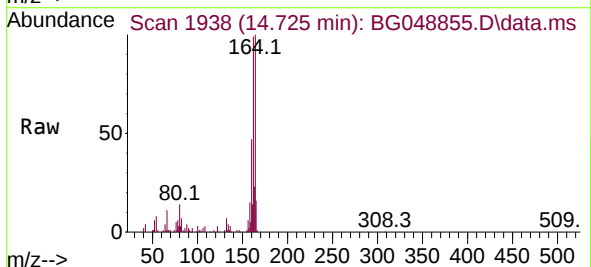
Instrument :
BNA_G
ClientSampleId :
WC-3

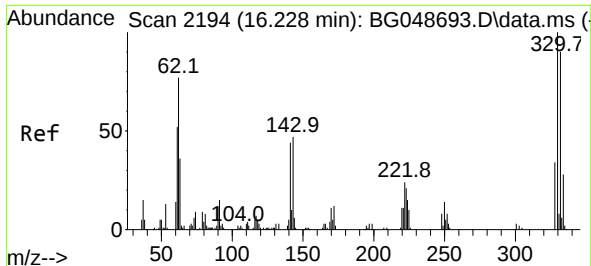
Tgt Ion: 82 Resp: 158015
Ion Ratio Lower Upper
82 100
128 36.8 29.8 44.6
54 54.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

Tgt Ion:164 Resp: 64463
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 47.2 34.9 52.3

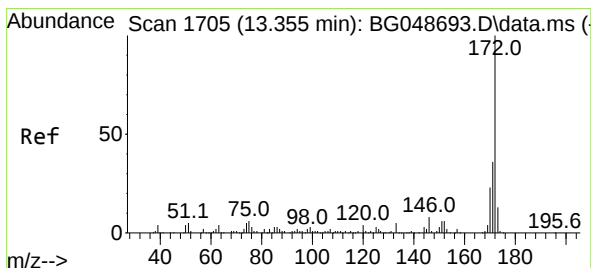
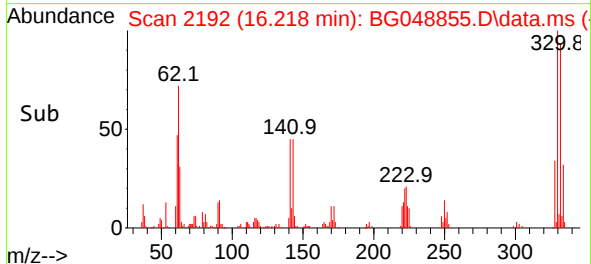
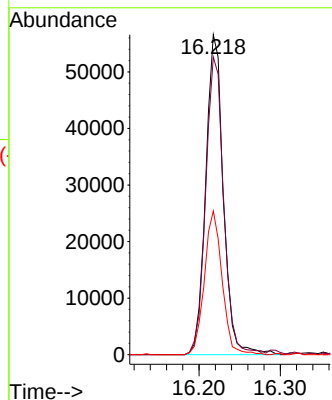
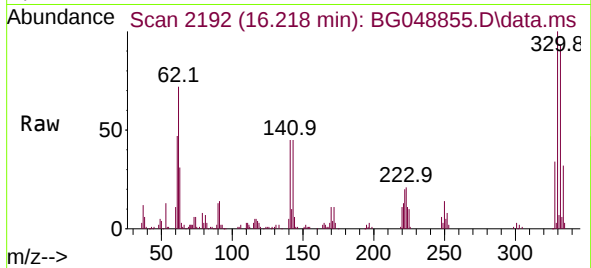




#42
2,4,6-Tribromophenol
Concen: 98.40 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.001 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

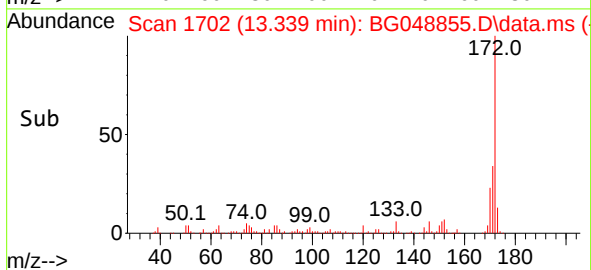
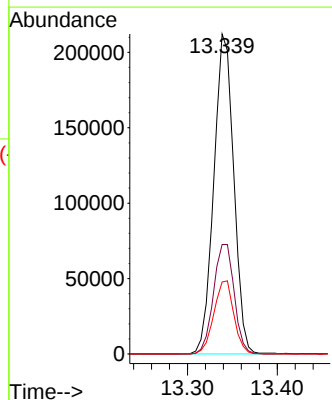
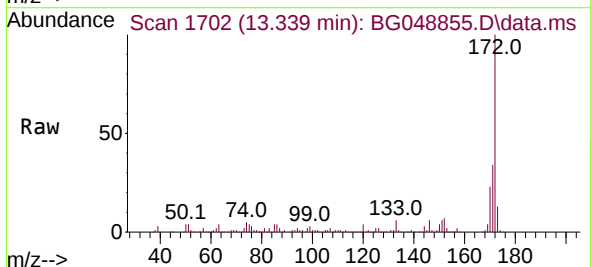
Instrument :
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ClientSampleId :
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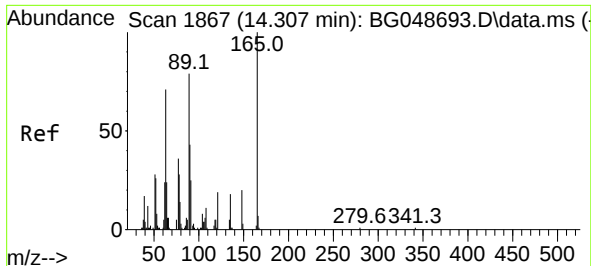
Tgt Ion:330 Resp: 85050
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 45.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 73.28 ng
RT: 13.339 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

Tgt Ion:172 Resp: 327121
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 22.5 18.6 27.8

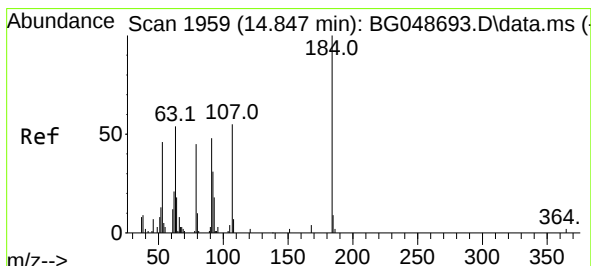
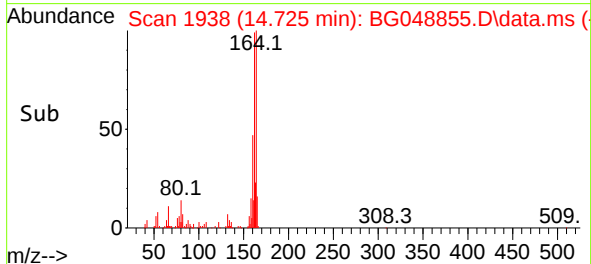
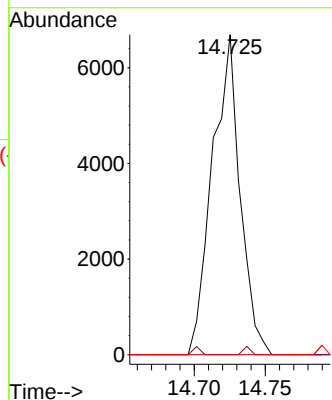
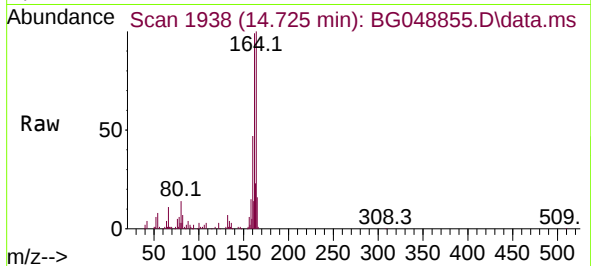




#51
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 14.725 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

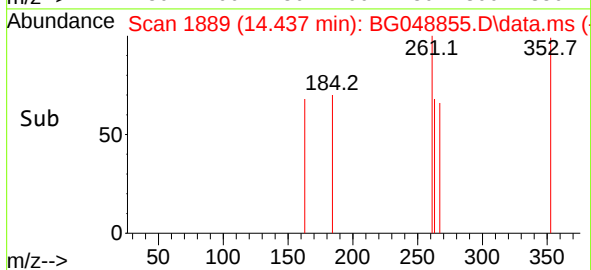
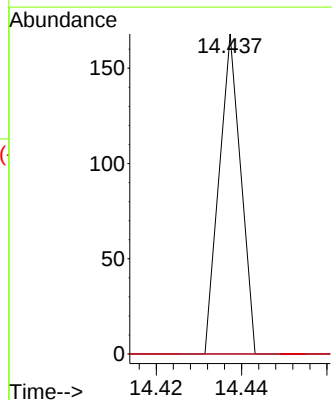
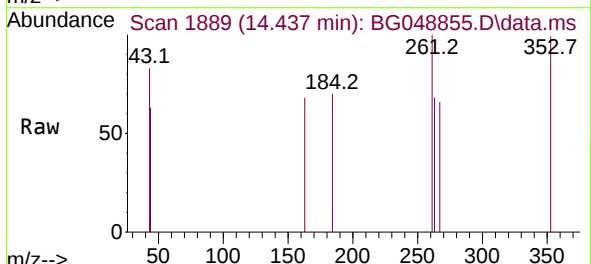
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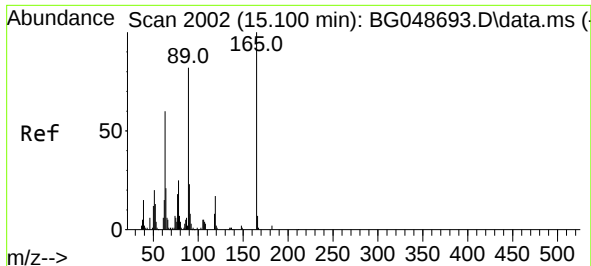
Tgt Ion:165 Resp: 9059
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.36 ng
RT: 14.437 min Scan# 1889
Delta R.T. -0.398 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

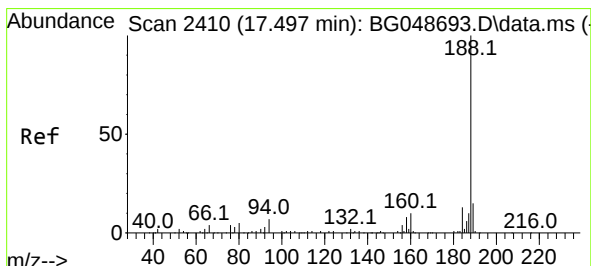
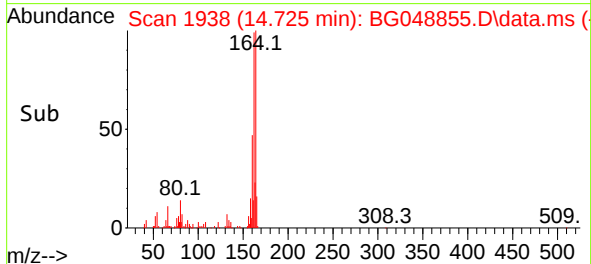
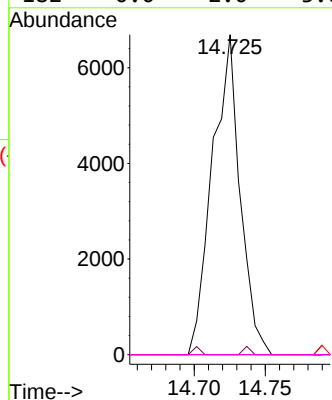
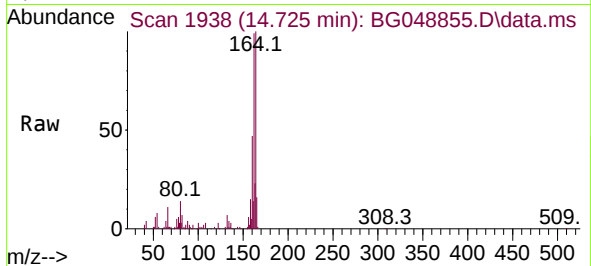




#57
2,4-Dinitrotoluene
Concen: 5.59 ng
RT: 14.725 min Scan# 1938
Delta R.T. -0.357 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

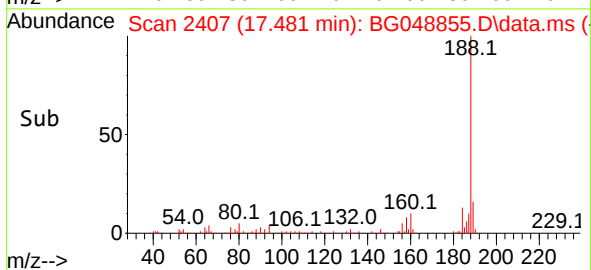
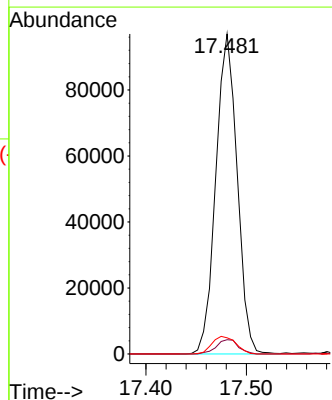
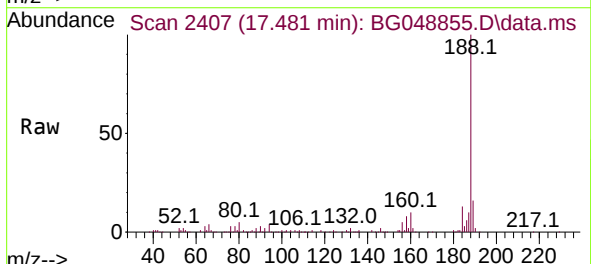
Instrument :
BNA_G
ClientSampleId :
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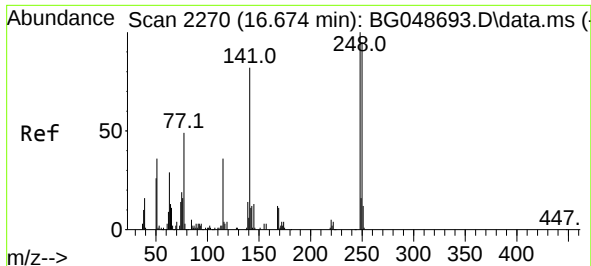
Tgt Ion:165 Resp: 9059
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.481 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

Tgt Ion:188 Resp: 143204
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 5.0 3.7 5.5

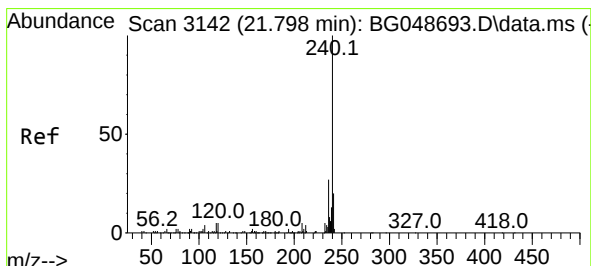
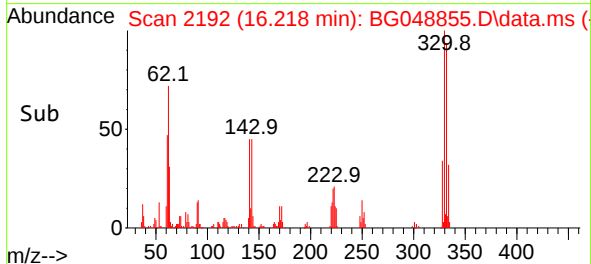
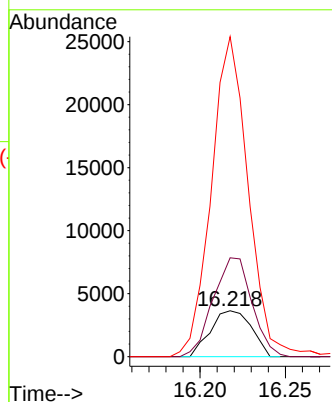
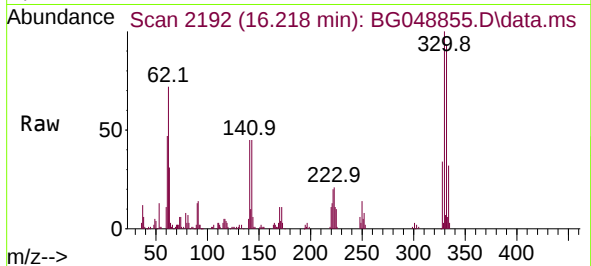




#67
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 16.218 min Scan# 2192
Delta R.T. -0.445 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

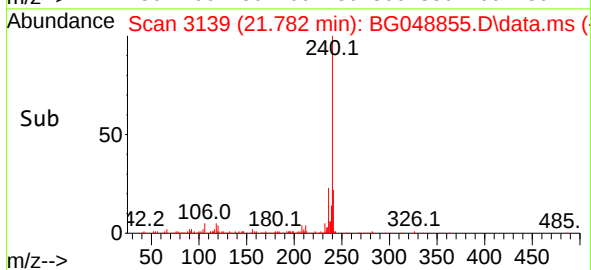
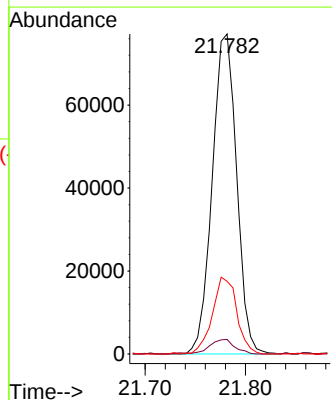
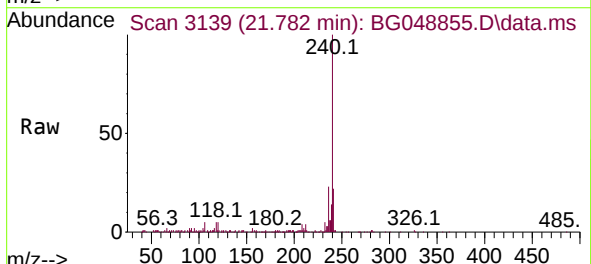
Instrument :
BNA_G
ClientSampleId :
WC-3

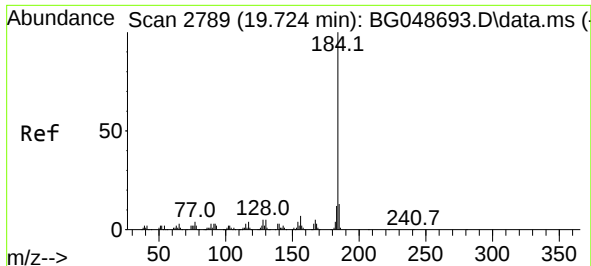
Tgt Ion:248 Resp: 6082
Ion Ratio Lower Upper
248 100
250 215.5 76.1 114.1#
141 697.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3139
Delta R.T. 0.001 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

Tgt Ion:240 Resp: 130003
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 22.7 21.8 32.6

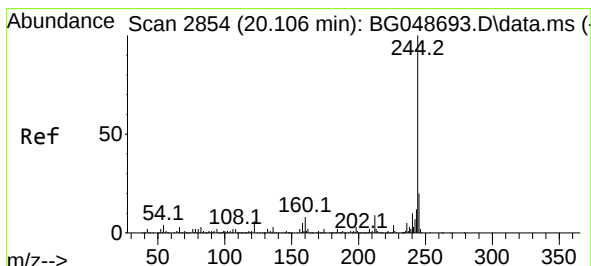
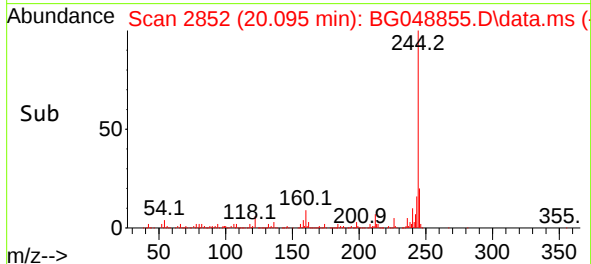
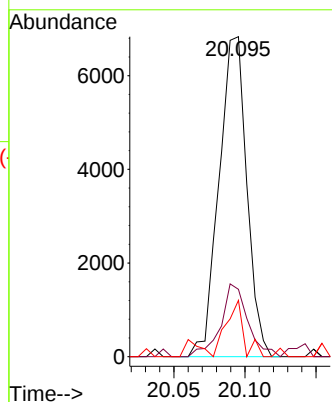
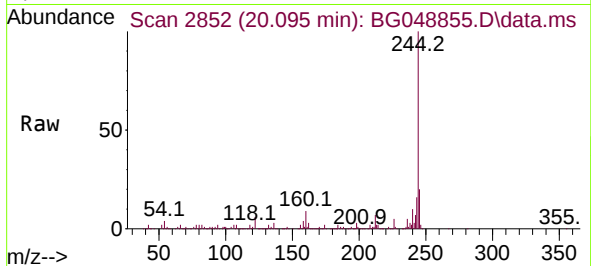




#77
Benzidine
Concen: 2.64 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.383 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

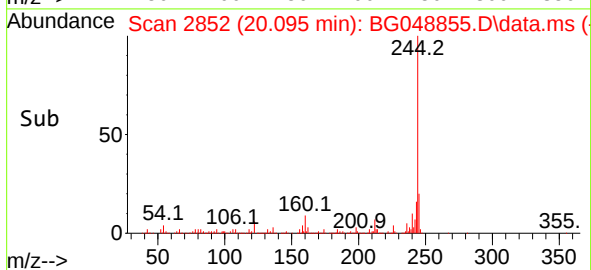
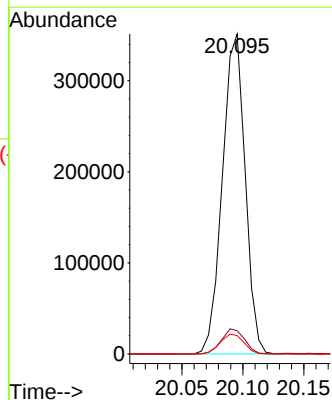
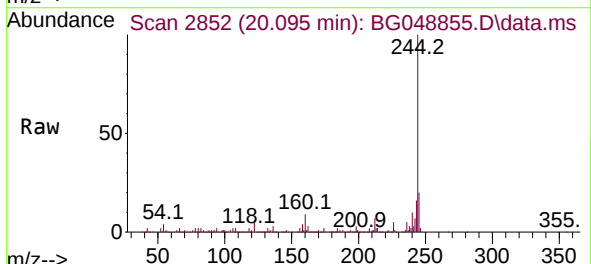
Instrument :
BNA_G
ClientSampled :
WC-3

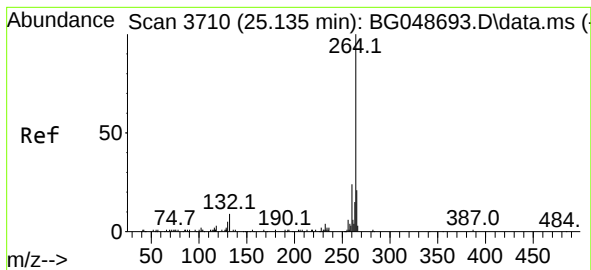
Tgt Ion:184 Resp: 9303
Ion Ratio Lower Upper
184 100
185 21.1 10.7 16.1#
183 17.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 60.47 ng
RT: 20.095 min Scan# 2852
Delta R.T. 0.001 min
Lab File: BG048855.D
Acq: 22 Apr 2021 20:25

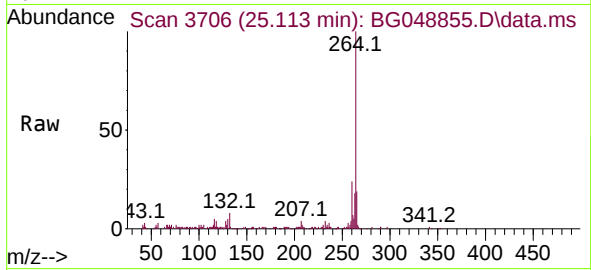
Tgt Ion:244 Resp: 456725
Ion Ratio Lower Upper
244 100
212 7.2 6.9 10.3
122 5.8 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.113 min Scan# 3706
 Delta R.T. 0.001 min
 Lab File: BG048855.D
 Acq: 22 Apr 2021 20:25

Instrument :
 BNA_G
 ClientSampleId :
 WC-3



Tgt Ion:	264	Resp:	127226
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.2
265	19.4	16.9	25.3

