

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048332.D
 Acq On : 4 Mar 2021 17:25
 Operator : CG/JU
 Sample : M1545-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RIM-7.55

Quant Time: Mar 04 23:27:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

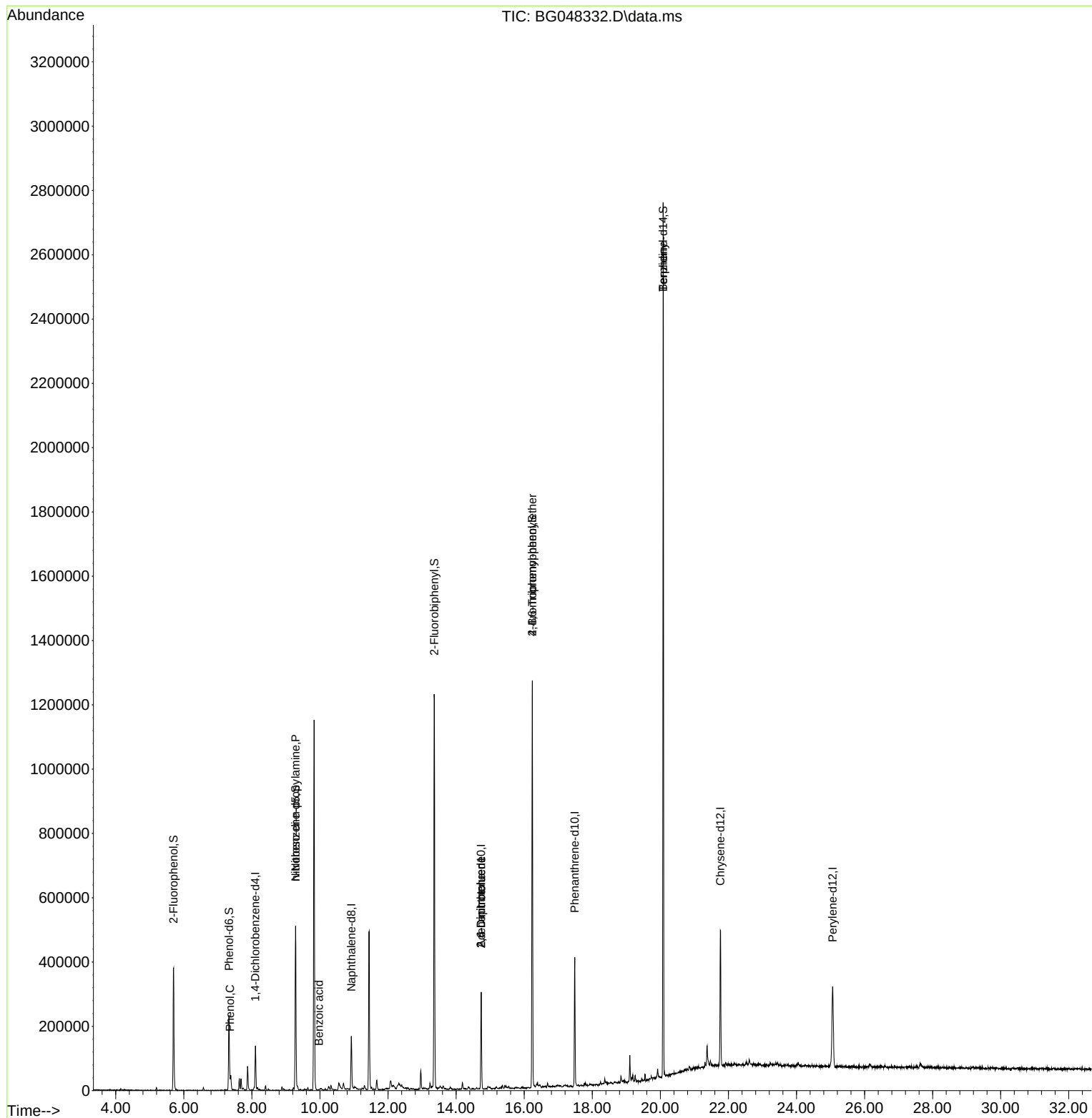
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	33170	20.00	ng	# 0.00
21) Naphthalene-d8	10.922	136	130160	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	100569	20.00	ng	0.00
64) Phenanthrene-d10	17.485	188	247897	20.00	ng	# 0.00
76) Chrysene-d12	21.763	240	275206	20.00	ng	# 0.00
86) Perylene-d12	25.059	264	267022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	152959	78.49	ng	0.01
7) Phenol-d6	7.327	99	125239	42.30	ng	0.01
23) Nitrobenzene-d5	9.283	82	307968	100.09	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	242720	150.89	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	655973	91.44	ng	0.00
79) Terphenyl-d14	20.082	244	1149040	76.30	ng	0.00
Target Compounds						
10) Phenol	7.356	94	10098	3.37	ng	# 61
19) n-Nitroso-di-n-propyla...	9.283	70	48534	21.24	ng	# 83
32) Benzoic acid	9.971	122	57	4.18	ng	# 1
51) 2,6-Dinitrotoluene	14.736	165	12897	6.82	ng	# 35
57) 2,4-Dinitrotoluene	14.736	165	12897	4.72	ng	# 33
67) 4-Bromophenyl-phenylether	16.240	248	16600	5.22	ng	# 1
77) Benzidine	20.082	184	23200	2.58	ng	96

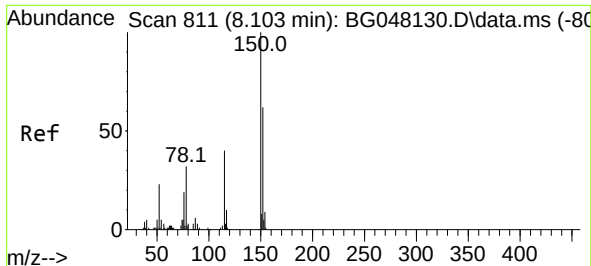
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RIM-7.55

Quant Time: Mar 04 23:27:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

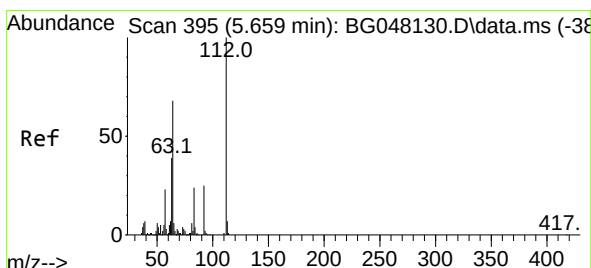
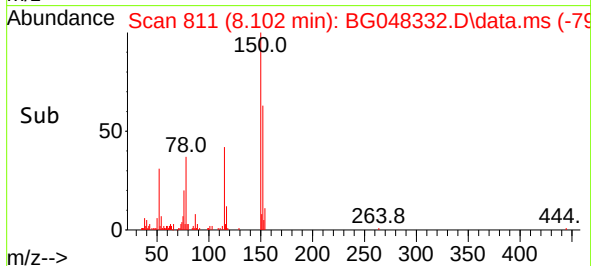
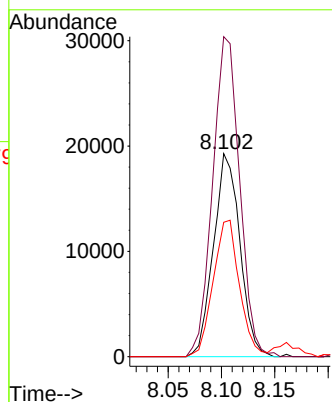
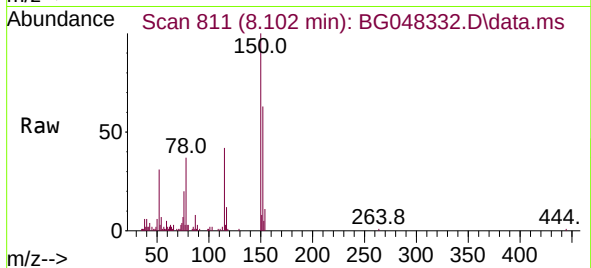




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.102 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

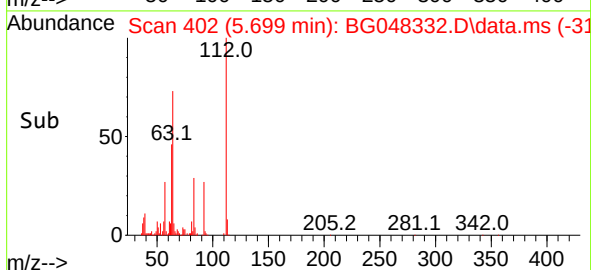
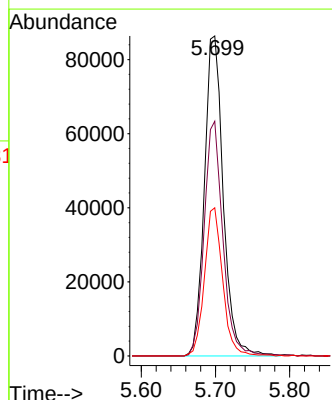
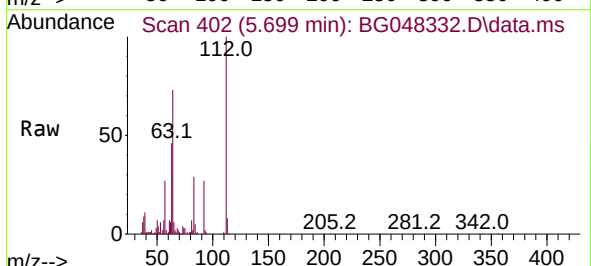
Instrument :
BNA_G
ClientSampled :
RIM-7.55

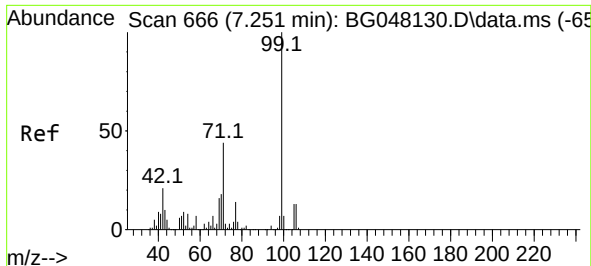
Tgt Ion:152 Resp: 33170
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.6
115 66.2 41.8 62.6#



#5
2-Fluorophenol
Concen: 78.49 ng
RT: 5.699 min Scan# 402
Delta R.T. 0.012 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Tgt Ion:112 Resp: 152959
Ion Ratio Lower Upper
112 100
64 73.4 46.7 70.1#
63 46.3 22.8 34.2#

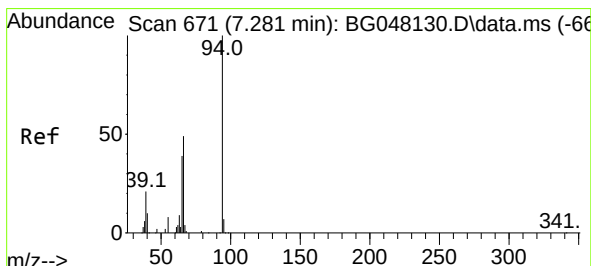
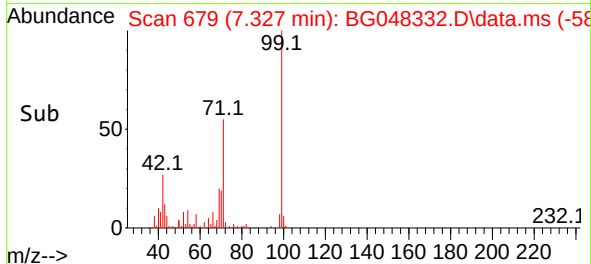
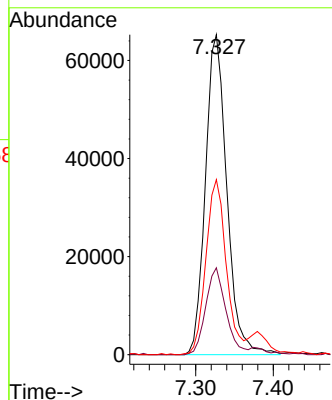
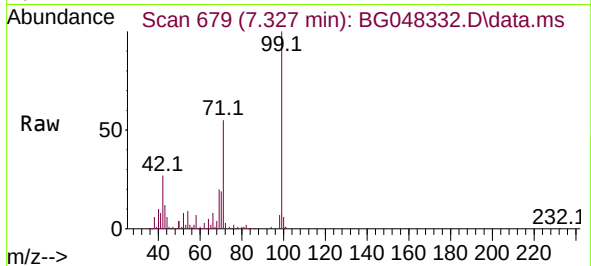




#7
Phenol-d6
Concen: 42.30 ng
RT: 7.327 min Scan# 679
Delta R.T. 0.012 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

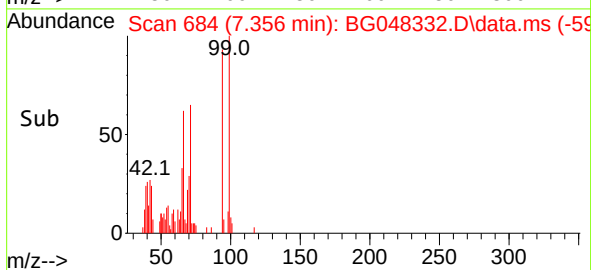
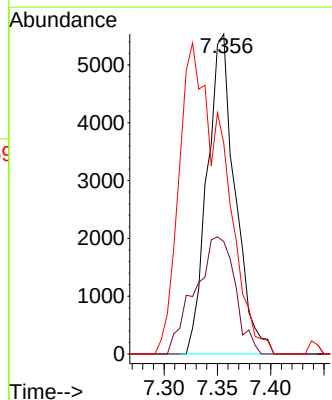
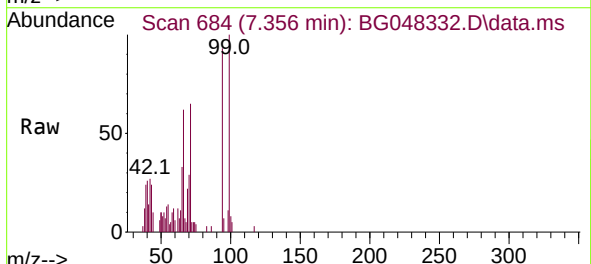
Instrument :
BNA_G
ClientSampleId :
RIM-7.55

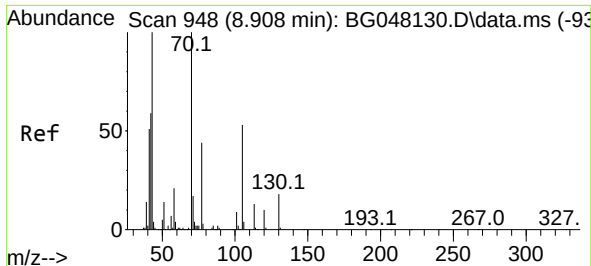
Tgt Ion: 99 Resp: 125239
Ion Ratio Lower Upper
99 100
42 27.2 12.8 19.2#
71 54.7 24.6 36.8#



#10
Phenol
Concen: 3.37 ng
RT: 7.356 min Scan# 684
Delta R.T. 0.018 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

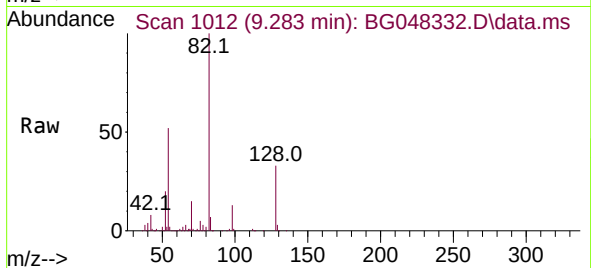
Tgt Ion: 94 Resp: 10098
Ion Ratio Lower Upper
94 100
65 35.2 6.6 46.6
66 66.0 13.9 53.9#



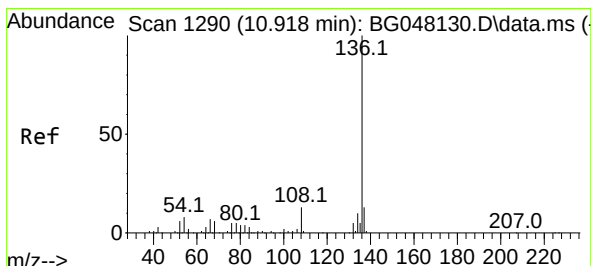
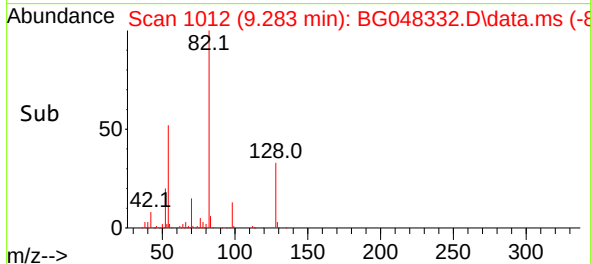
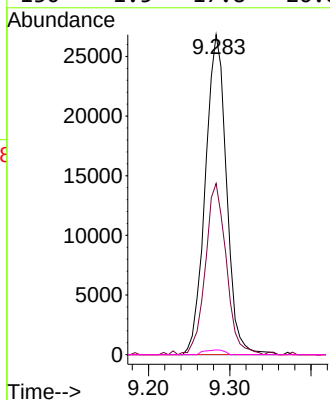


#19
n-Nitroso-di-n-propylamine
Concen: 21.24 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Instrument :
BNA_G
ClientSampled :
RIM-7.55

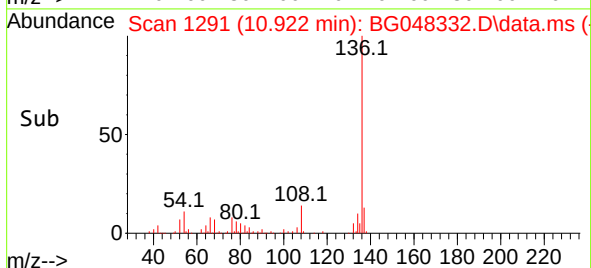
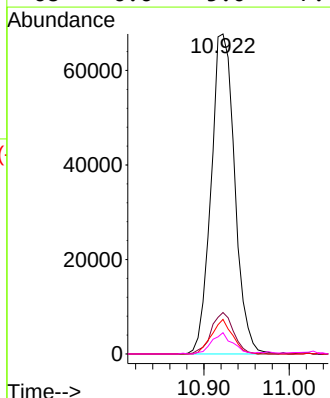
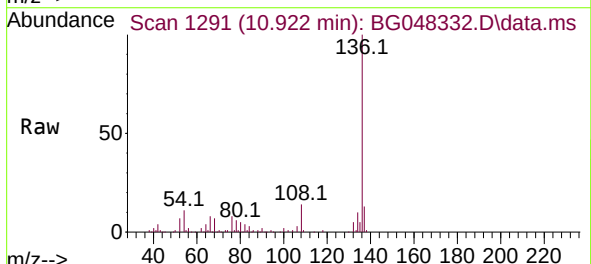


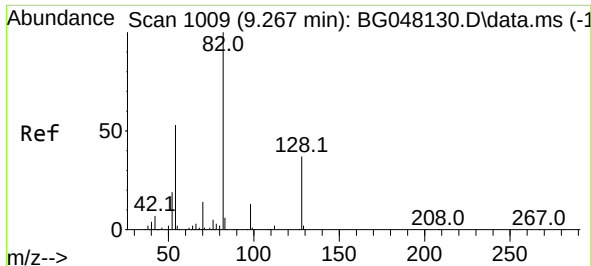
Tgt Ion:	70	Resp:	48534
Ion	Ratio	Lower	Upper
70	100		
42	53.5	45.6	68.4
101	0.0	8.4	12.6#
130	1.5	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Tgt Ion:	136	Resp:	130160
Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.1	13.7
54	10.8	6.2	9.4#
68	6.6	5.0	7.4

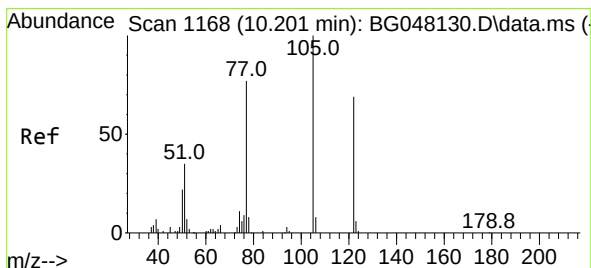
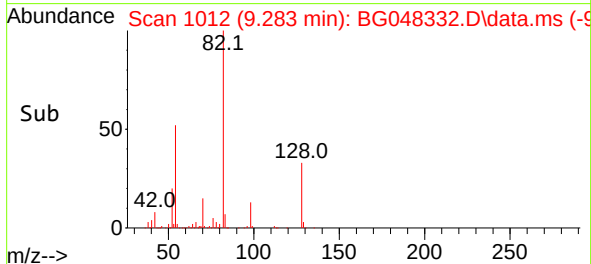
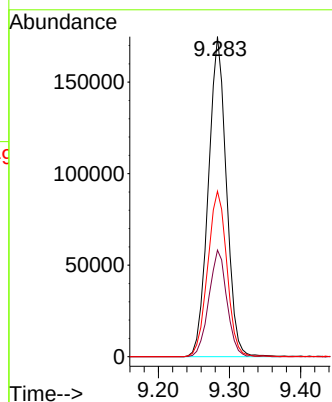
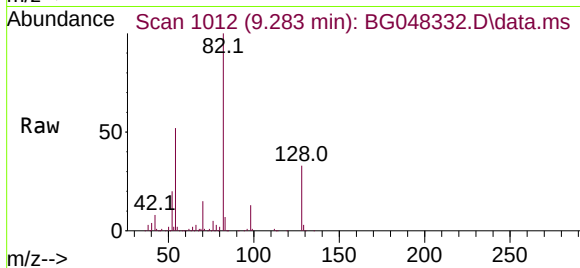




#23
Nitrobenzene-d5
Concen: 100.09 ng
RT: 9.283 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

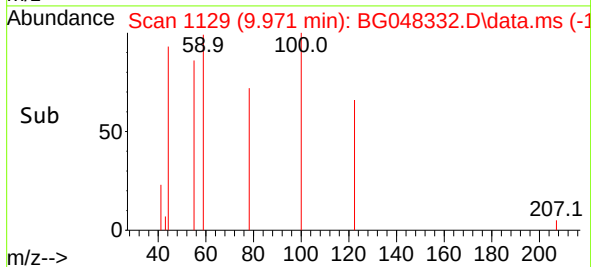
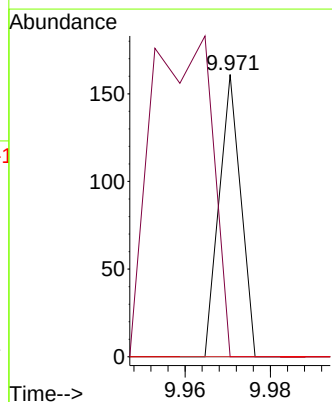
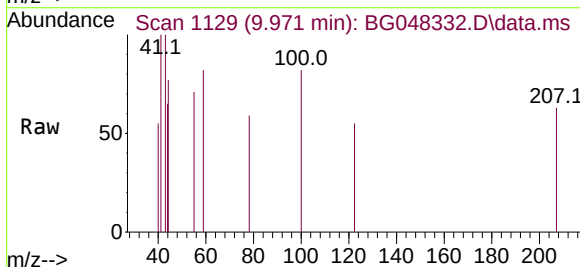
Instrument :
BNA_G
ClientSampled :
RIM-7.55

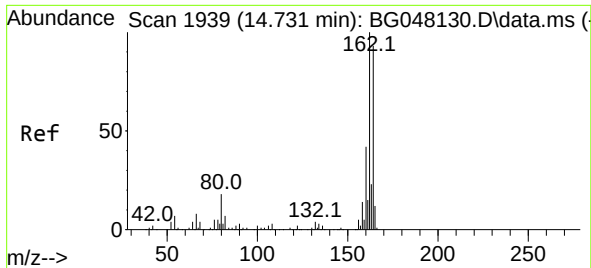
Tgt Ion: 82 Resp: 307968
Ion Ratio Lower Upper
82 100
128 33.3 37.0 55.6#
54 51.7 39.0 58.4



#32
Benzoic acid
Concen: 4.18 ng
RT: 9.971 min Scan# 1129
Delta R.T. -0.317 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

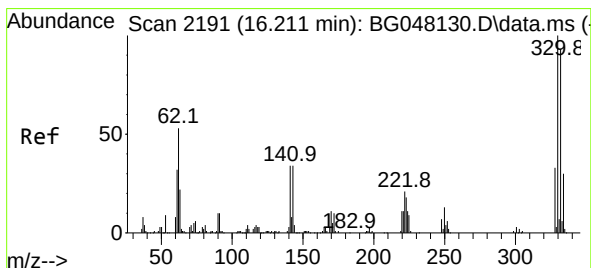
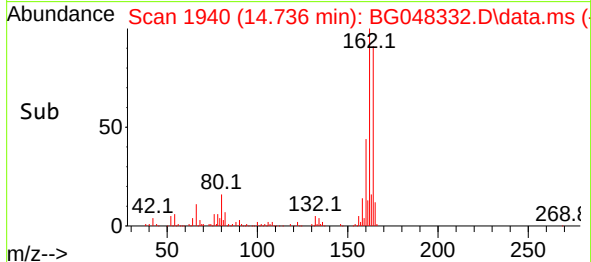
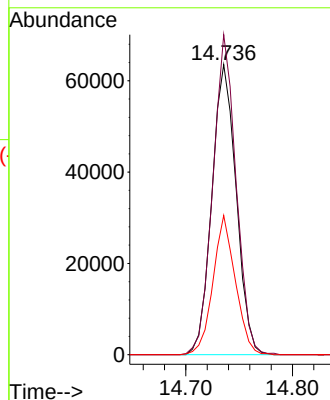
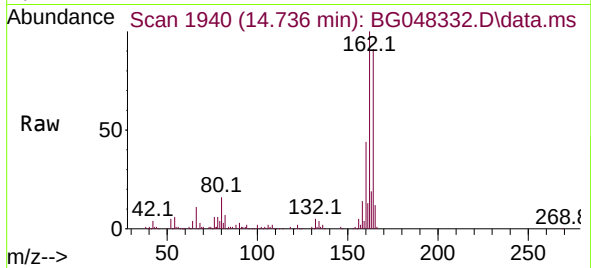




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

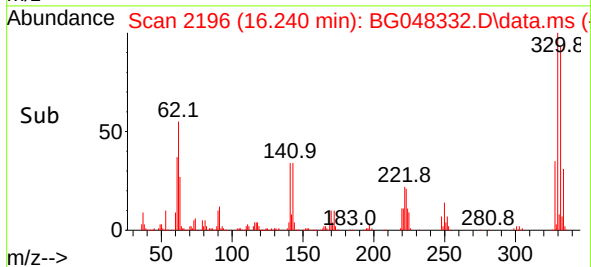
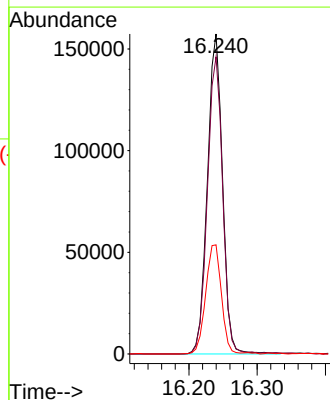
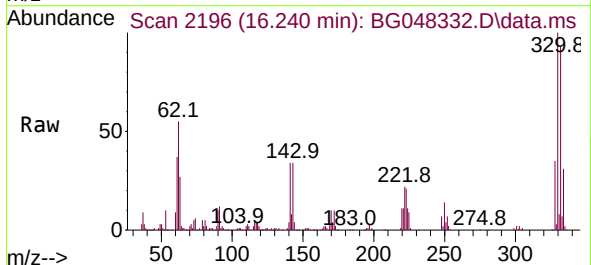
Instrument :
BNA_G
ClientSampleId :
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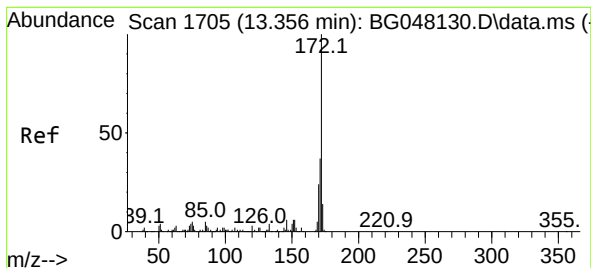
Tgt Ion:164 Resp: 100569
Ion Ratio Lower Upper
164 100
162 110.3 82.3 123.5
160 48.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 150.89 ng
RT: 16.240 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Tgt Ion:330 Resp: 242720
Ion Ratio Lower Upper
330 100
332 93.6 76.5 114.7
141 35.7 26.0 39.0

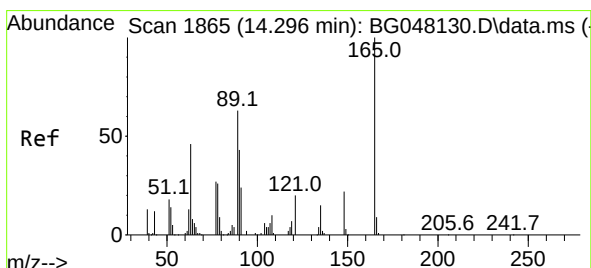
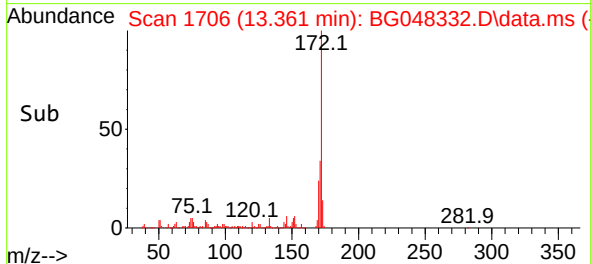
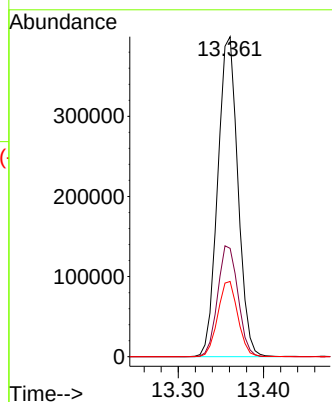
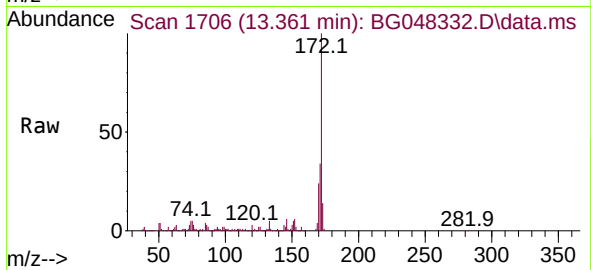




#45
2-Fluorobiphenyl
Concen: 91.44 ng
RT: 13.361 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

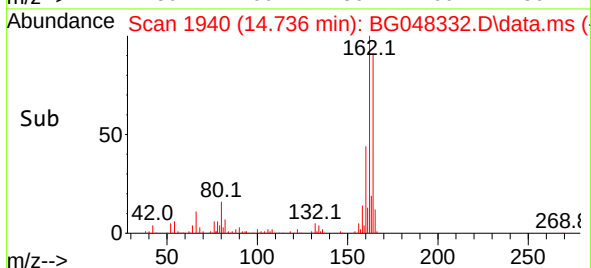
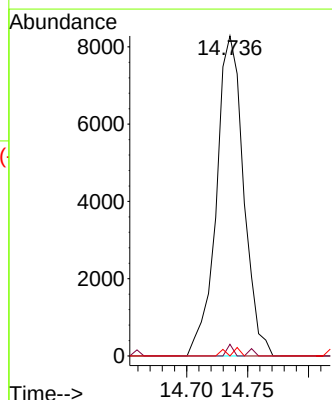
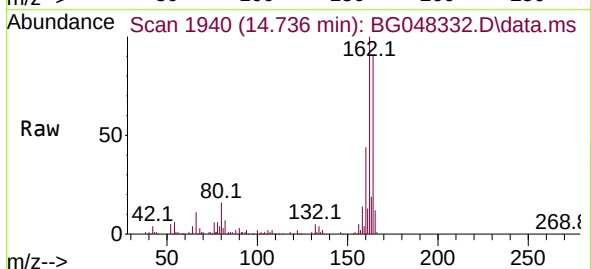
Instrument :
BNA_G
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RIM-7.55

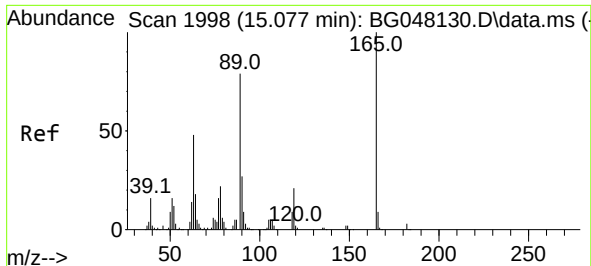
Tgt Ion:172 Resp: 655973
Ion Ratio Lower Upper
172 100
171 33.8 31.3 46.9
170 23.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.82 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.411 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

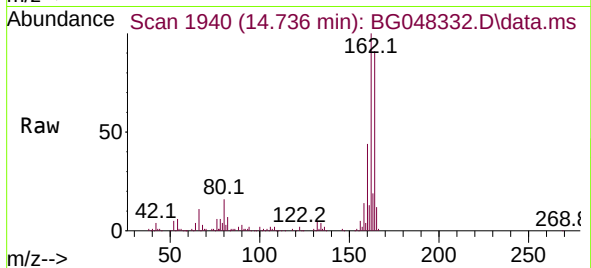
Tgt Ion:165 Resp: 12897
Ion Ratio Lower Upper
165 100
63 3.6 33.7 50.5#
89 0.0 36.6 54.8#



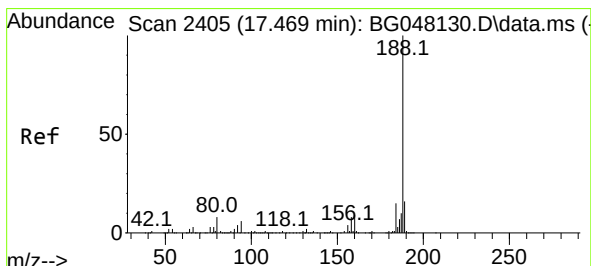
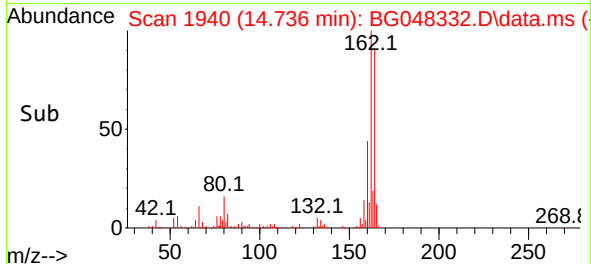
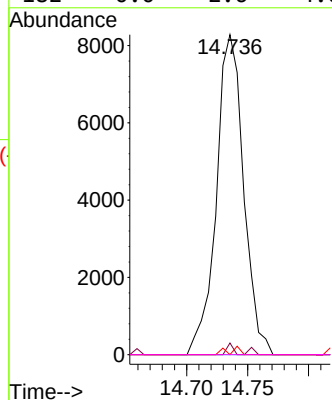


#57
2,4-Dinitrotoluene
Concen: 4.72 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.382 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Instrument :
BNA_G
ClientSampleId :
RIM-7.55

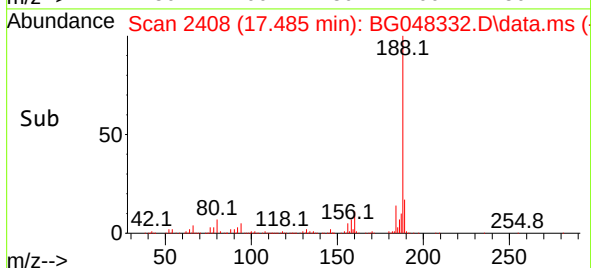
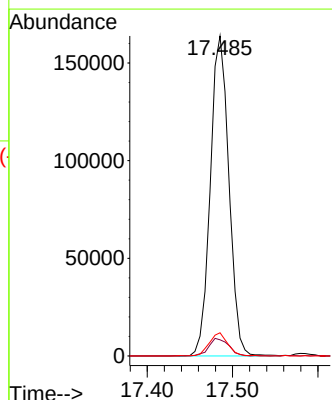
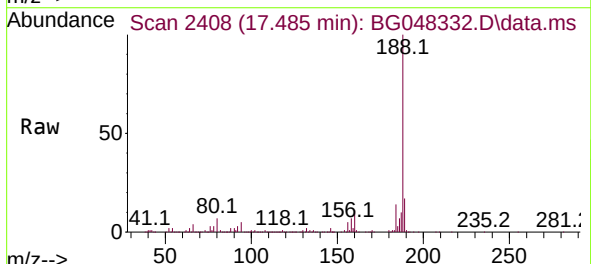


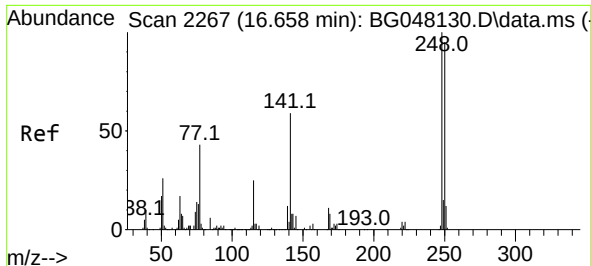
Tgt Ion:165 Resp: 12897
Ion Ratio Lower Upper
165 100
63 3.6 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.485 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Tgt Ion:188 Resp: 247897
Ion Ratio Lower Upper
188 100
94 5.0 6.3 9.5#
80 7.3 7.0 10.6

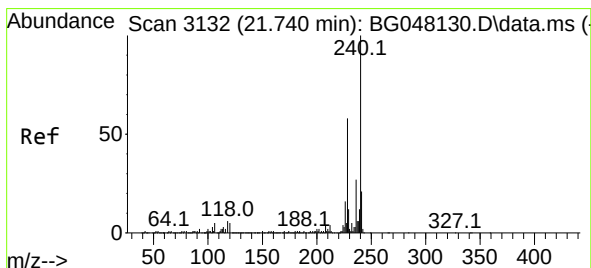
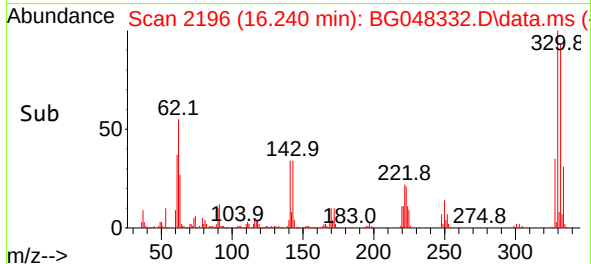
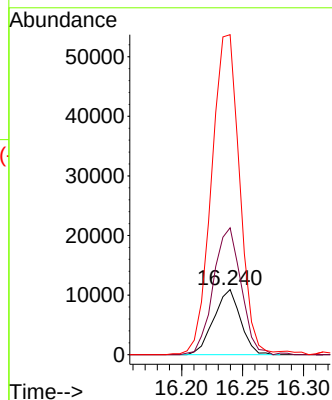
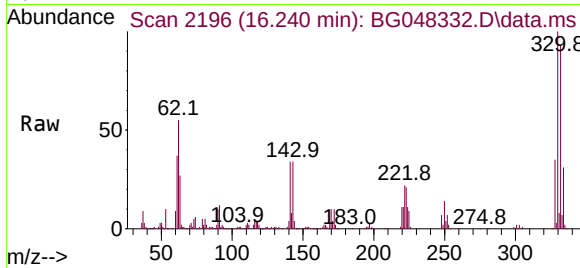




#67
4-Bromophenyl-phenylether
Concen: 5.22 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.429 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

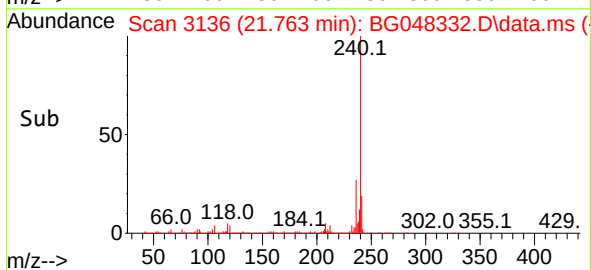
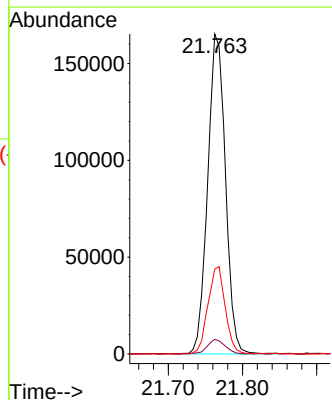
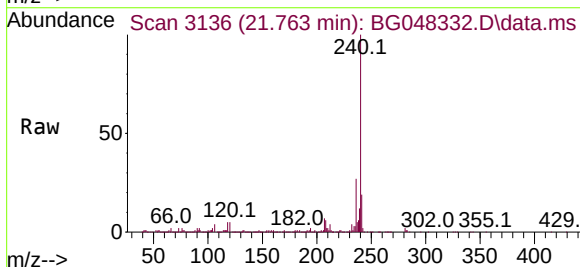
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BNA_G
ClientSampleId :
RIM-7.55

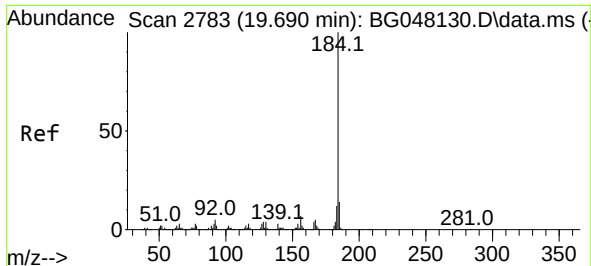
Tgt Ion:248 Resp: 16600
Ion Ratio Lower Upper
248 100
250 194.9 78.9 118.3#
141 491.7 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Tgt Ion:240 Resp: 275206
Ion Ratio Lower Upper
240 100
120 4.5 6.2 9.4#
236 26.5 20.5 30.7

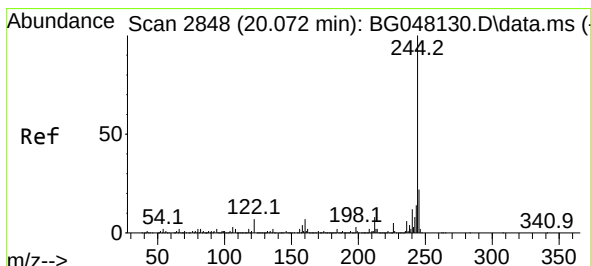
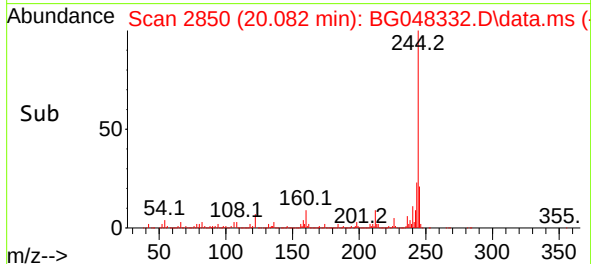
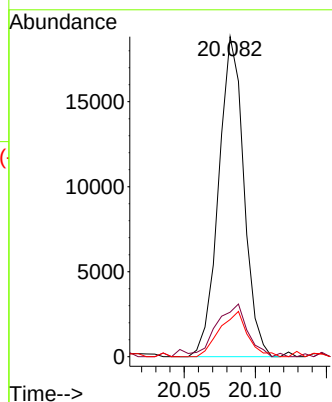
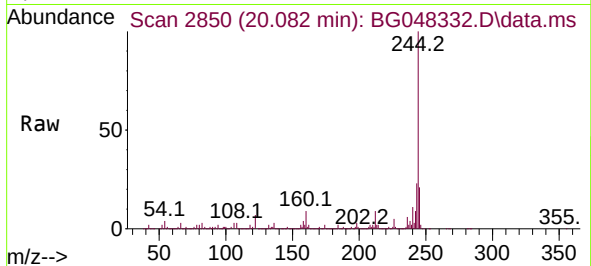




#77
Benzidine
Concen: 2.58 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.364 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

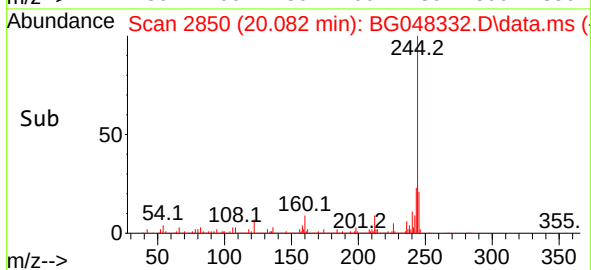
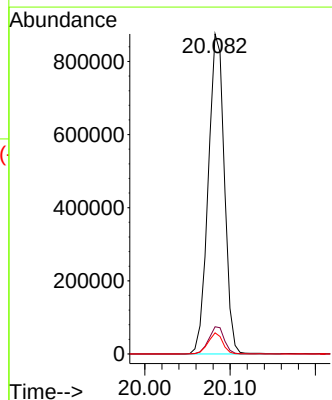
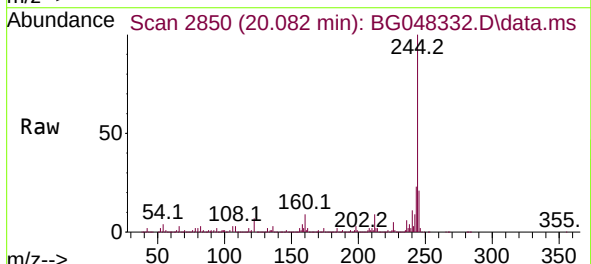
Instrument :
BNA_G
ClientSampleId :
RIM-7.55

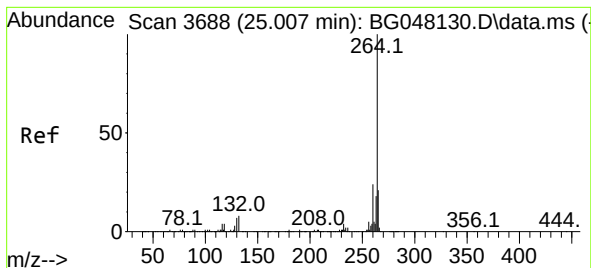
Tgt Ion:184 Resp: 23200
Ion Ratio Lower Upper
184 100
185 13.9 12.4 18.6
183 11.6 10.6 15.8



#79
Terphenyl-d14
Concen: 76.30 ng
RT: 20.082 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BG048332.D
Acq: 4 Mar 2021 17:25

Tgt Ion:244 Resp: 1149040
Ion Ratio Lower Upper
244 100
212 8.5 6.7 10.1
122 6.6 7.8 11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.059 min Scan# 3697
 Delta R.T. -0.006 min
 Lab File: BG048332.D
 Acq: 4 Mar 2021 17:25

Instrument :
 BNA_G
 ClientSampleId :
 RIM-7.55

Tgt Ion:264 Resp: 267022
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 22.9 17.8 26.8

