

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
 Data File : BG048739.D
 Acq On : 17 Apr 2021 00:51
 Operator : CG/JU
 Sample : M2025-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 104-SB-1

Quant Time: Apr 17 04:21:46 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)

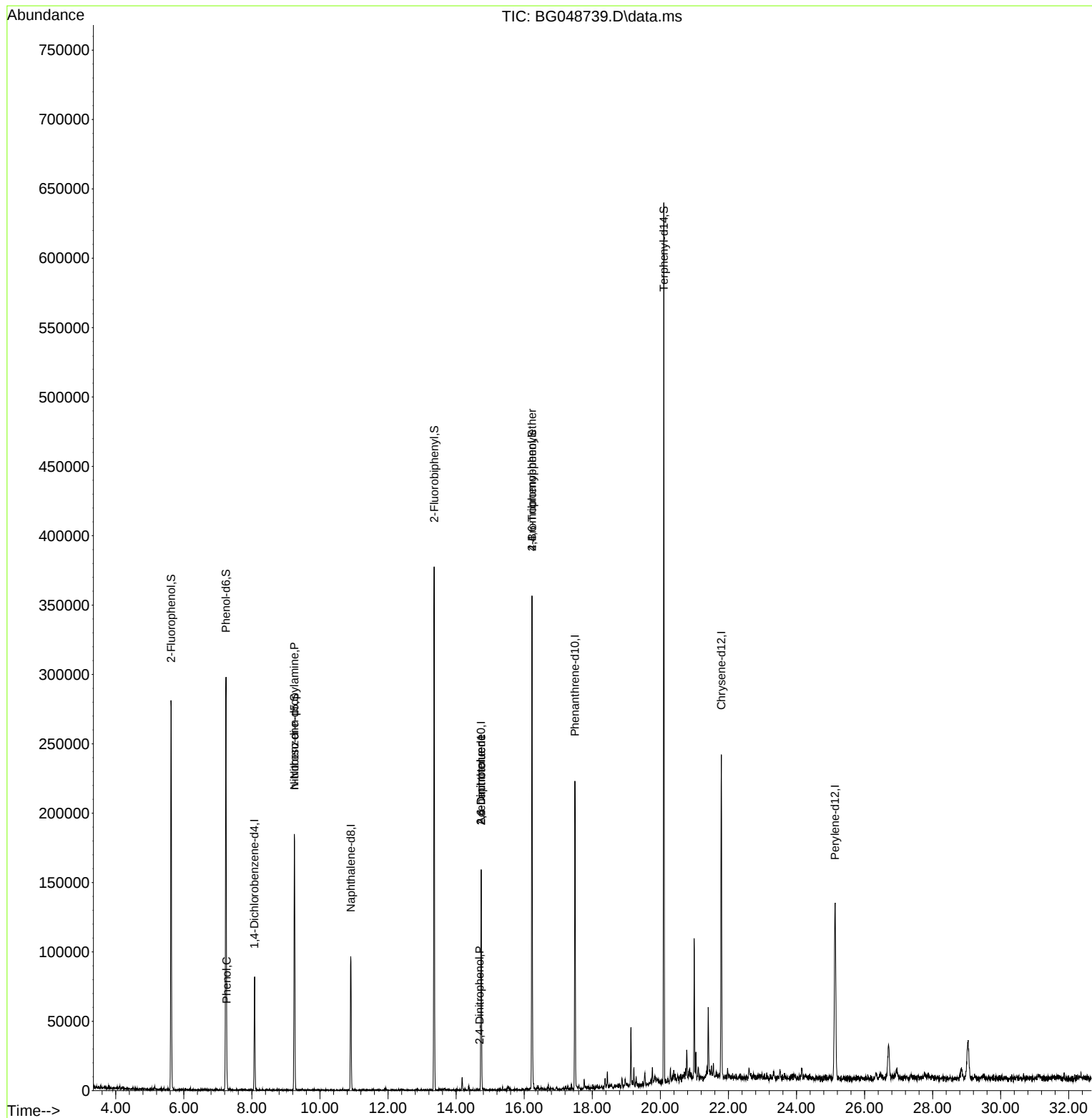
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	18871	20.00	ng	# 0.00
21) Naphthalene-d8	10.905	136	79489	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	53093	20.00	ng	0.00
64) Phenanthrene-d10	17.491	188	128655	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	138134	20.00	ng	0.00
86) Perylene-d12	25.130	264	138696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	108322	96.00	ng	0.00
7) Phenol-d6	7.239	99	138663	86.88	ng	0.00
23) Nitrobenzene-d5	9.248	82	105773	59.57	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	54575	76.66	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	177432	48.26	ng	0.00
79) Terphenyl-d14	20.100	244	273284	34.05	ng	0.00
Target Compounds						
10) Phenol	7.262	94	4385	2.79	ng	# 70
19) n-Nitroso-di-n-propyla...	9.248	70	16877	15.67	ng	# 73
51) 2,6-Dinitrotoluene	14.736	165	7255	7.90	ng	# 14
54) 2,4-Dinitrophenol	14.689	184	68	5.40	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	7255	5.44	ng	# 20
67) 4-Bromophenyl-phenylether	16.228	248	4501	3.04	ng	# 1

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

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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

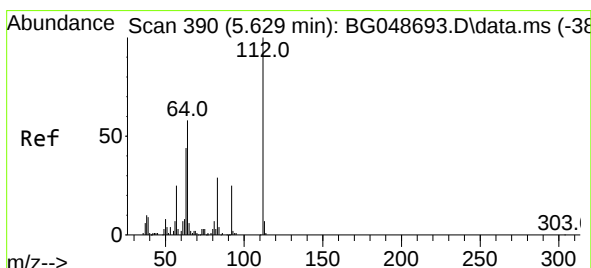
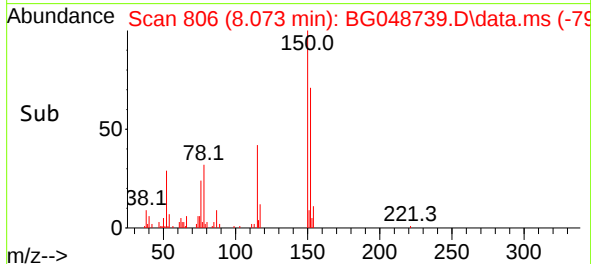
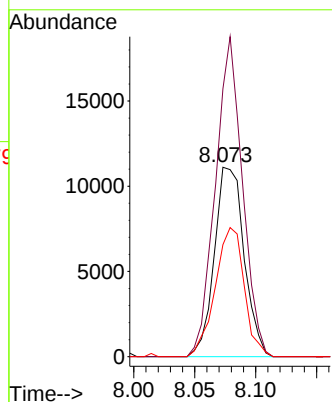
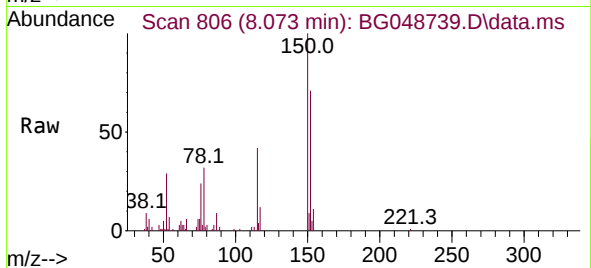




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.073 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

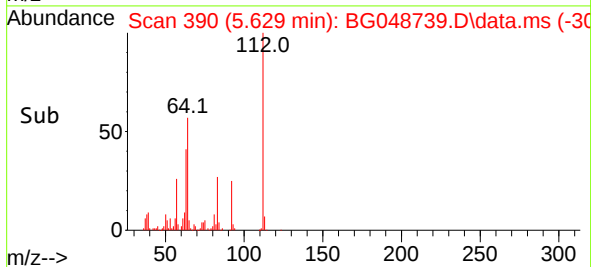
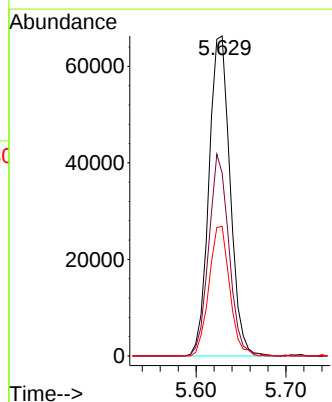
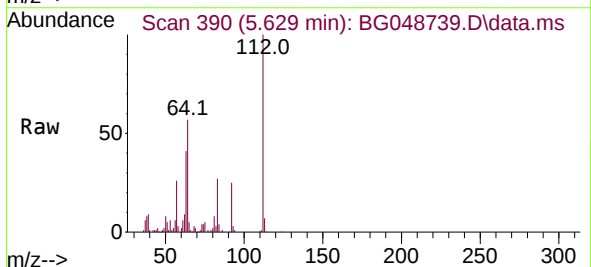
Instrument :
BNA_G
ClientSampleId :
104-SB-1

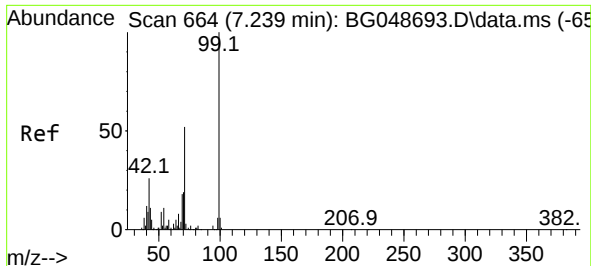
Tgt Ion:152 Resp: 18871
Ion Ratio Lower Upper
152 100
150 141.4 119.4 179.0
115 59.1 60.2 90.4#



#5
2-Fluorophenol
Concen: 96.00 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion:112 Resp: 108322
Ion Ratio Lower Upper
112 100
64 57.1 46.7 70.1
63 40.5 35.3 52.9

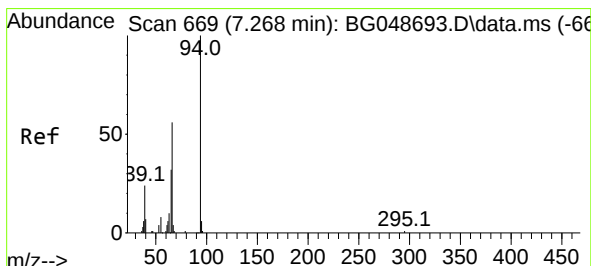
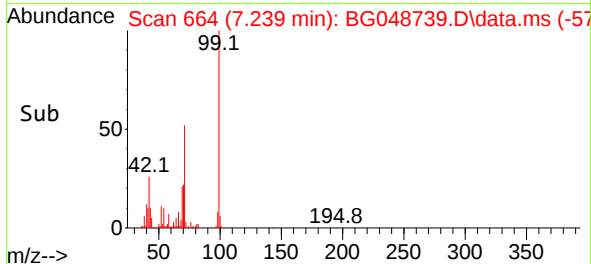
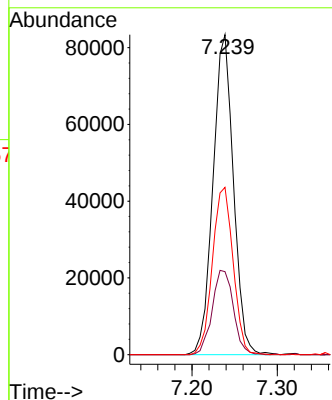
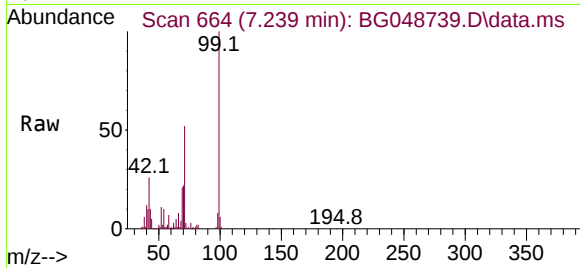




#7
Phenol-d6
Concen: 86.88 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

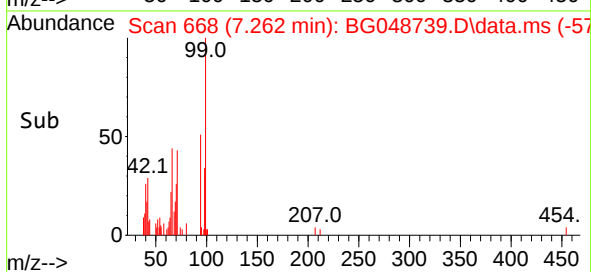
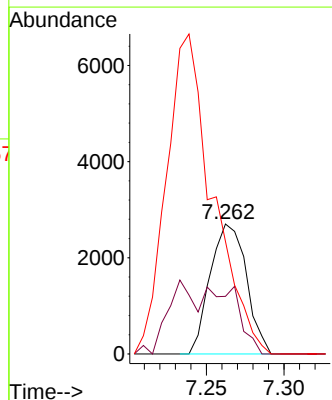
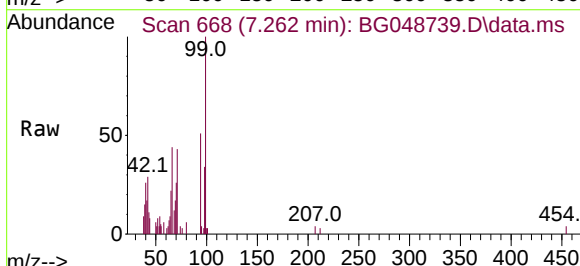
Instrument :
BNA_G
ClientSampleId :
104-SB-1

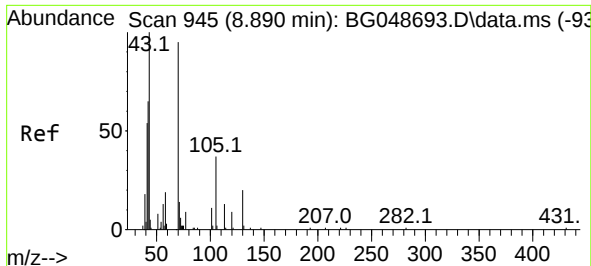
Tgt Ion: 99 Resp: 138663
Ion Ratio Lower Upper
99 100
42 25.9 20.5 30.7
71 52.3 41.5 62.3



#10
Phenol
Concen: 2.79 ng
RT: 7.262 min Scan# 668
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion: 94 Resp: 4385
Ion Ratio Lower Upper
94 100
65 44.4 12.9 52.9
66 86.6 39.4 79.4#



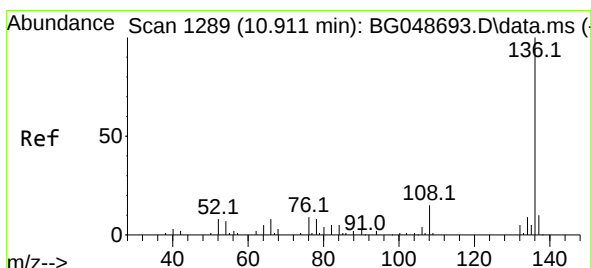
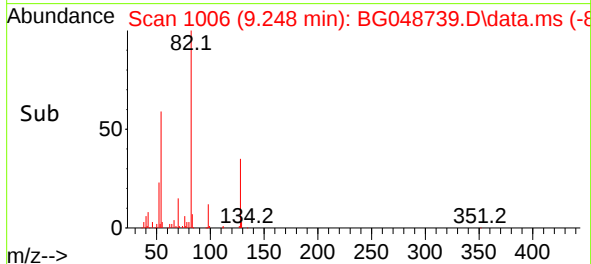
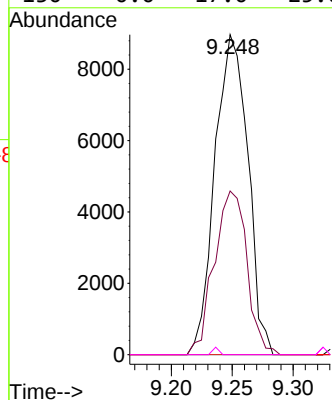
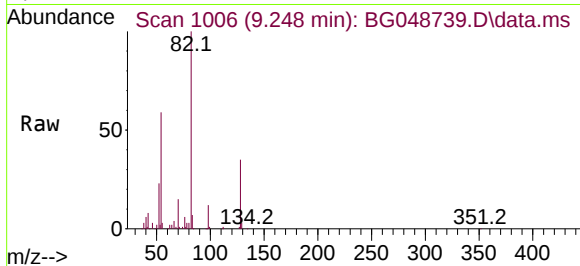


#19
n-Nitroso-di-n-propylamine
Concen: 15.67 ng
RT: 9.248 min Scan# 1006
Delta R.T. 0.357 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Instrument :
BNA_G
ClientSampleId :
104-SB-1

Tgt Ion: 70 Resp: 16877

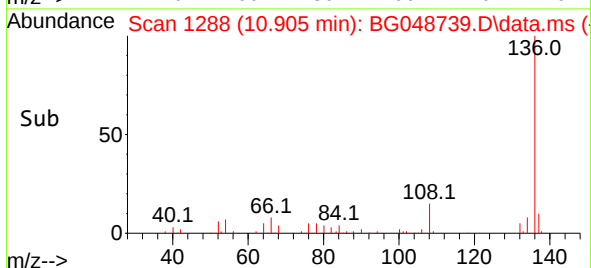
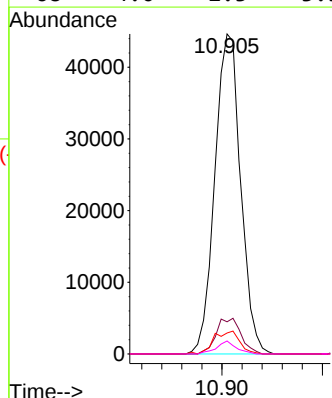
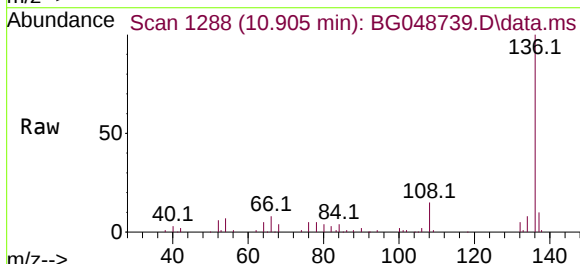
Ion	Ratio	Lower	Upper
70	100		
42	51.2	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

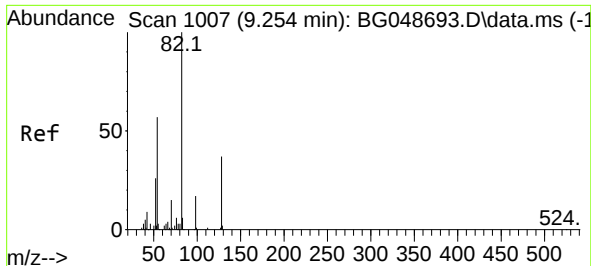


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1288
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion: 136 Resp: 79489

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.2
54	6.5	5.5	8.3
68	4.0	2.3	3.5#

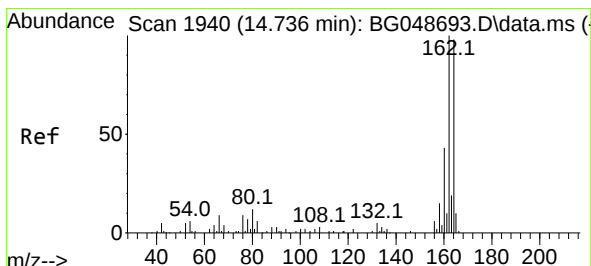
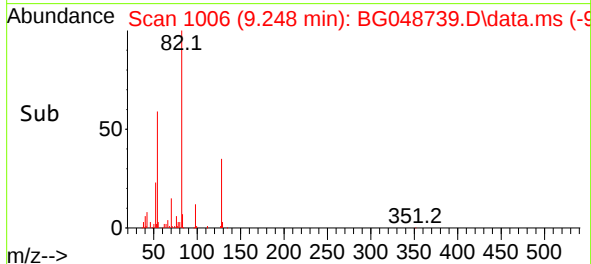
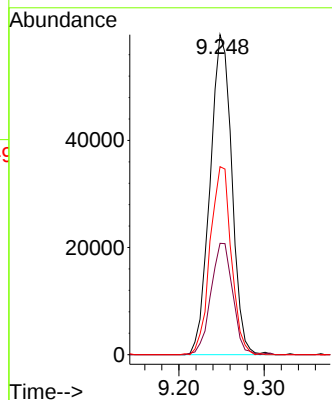
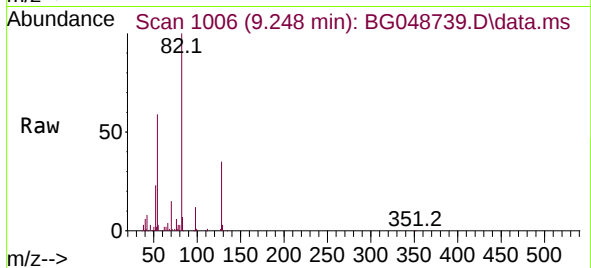




#23
Nitrobenzene-d5
Concen: 59.57 ng
RT: 9.248 min Scan# 1006
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

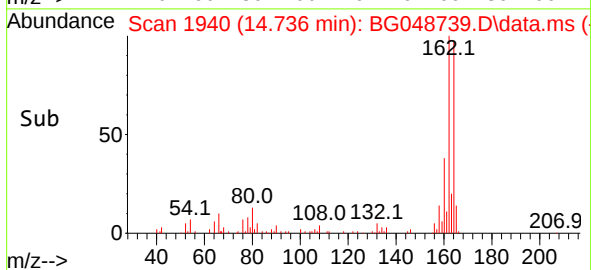
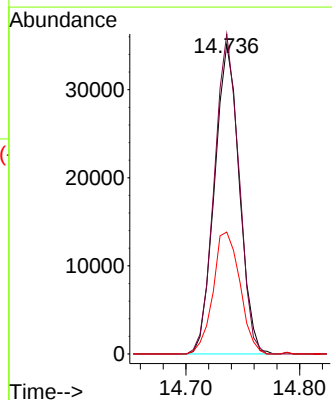
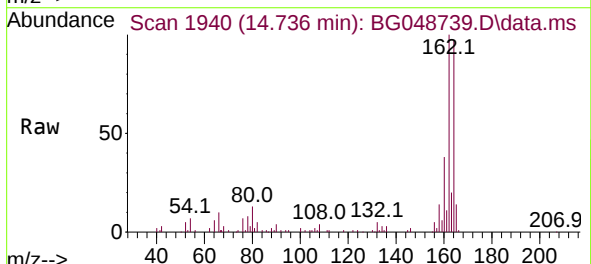
Instrument :
BNA_G
ClientSampleId :
104-SB-1

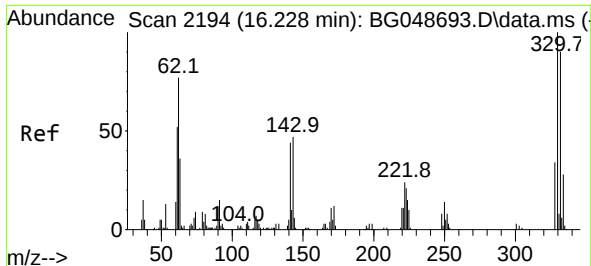
Tgt Ion: 82 Resp: 105773
Ion Ratio Lower Upper
82 100
128 34.8 29.8 44.6
54 58.8 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion: 164 Resp: 53093
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 39.4 34.9 52.3

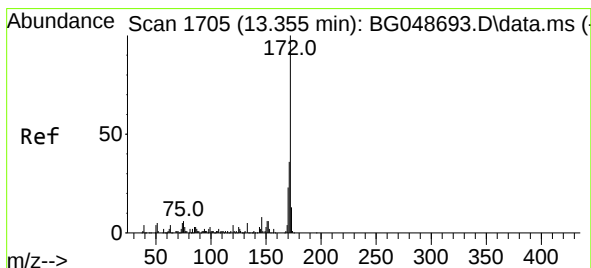
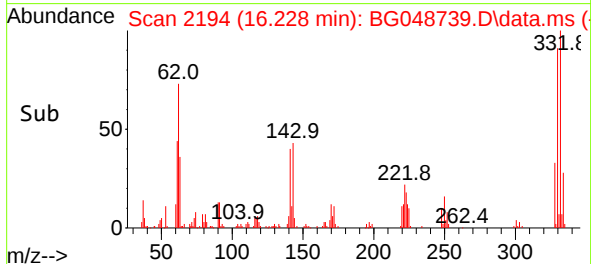
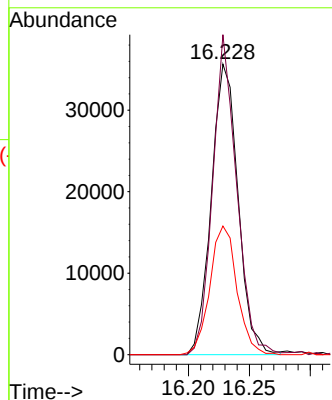
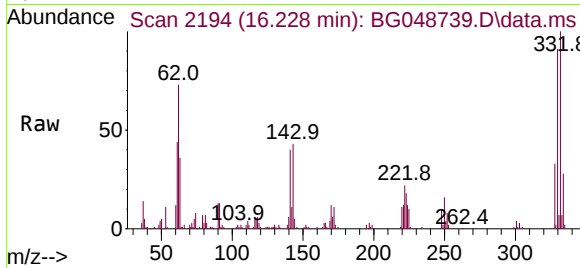




#42
2,4,6-Tribromophenol
Concen: 76.66 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

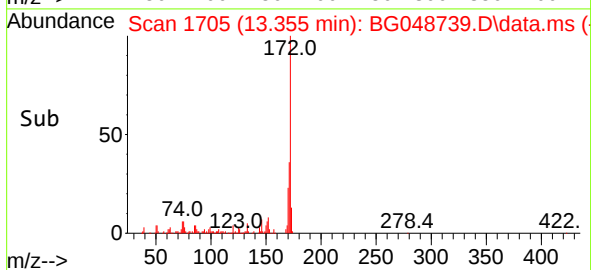
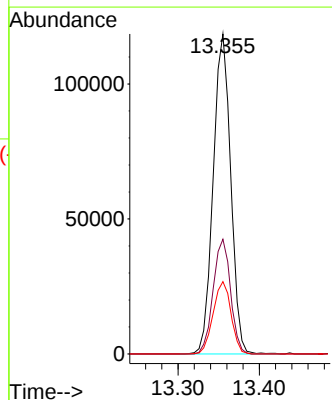
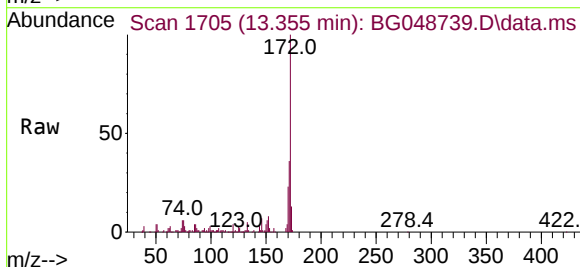
Instrument :
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ClientSampleId :
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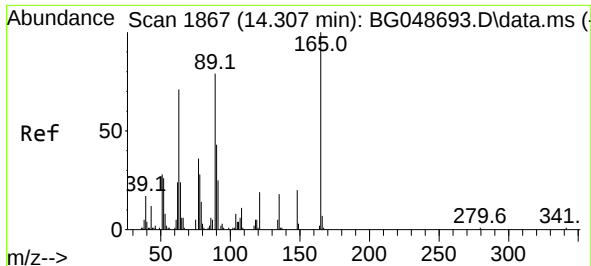
Tgt Ion:330 Resp: 54575
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 44.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 48.26 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion:172 Resp: 177432
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 22.6 18.6 27.8

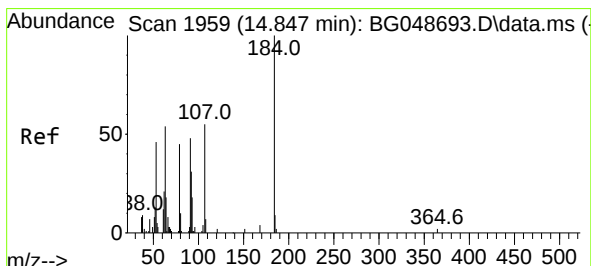
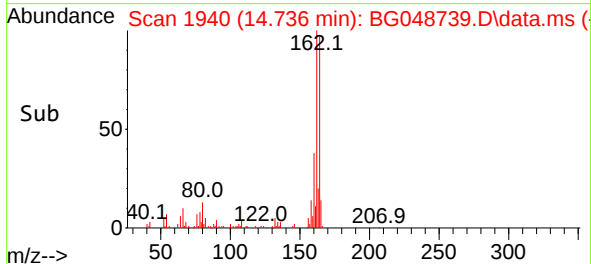
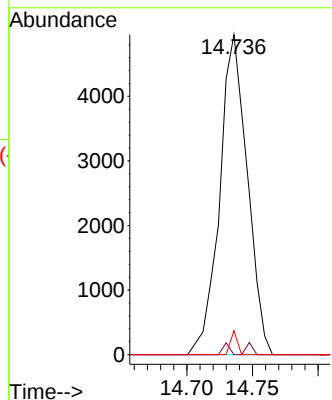
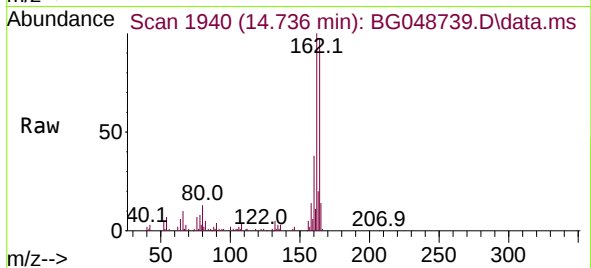




#51
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

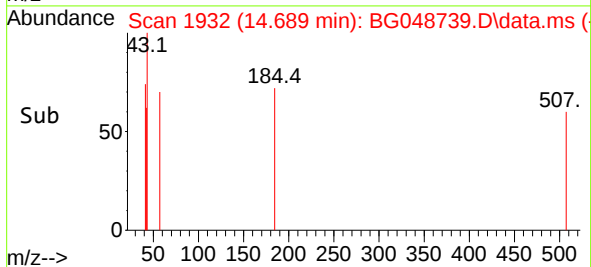
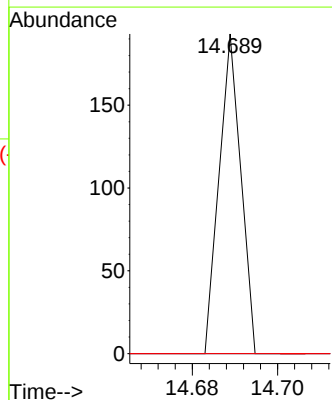
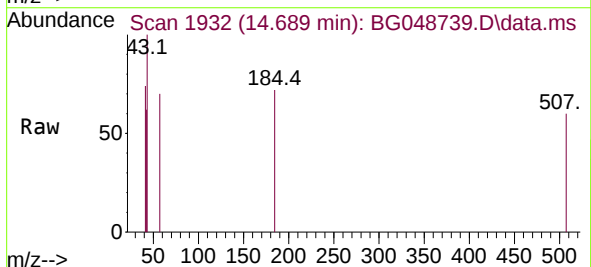
Instrument :
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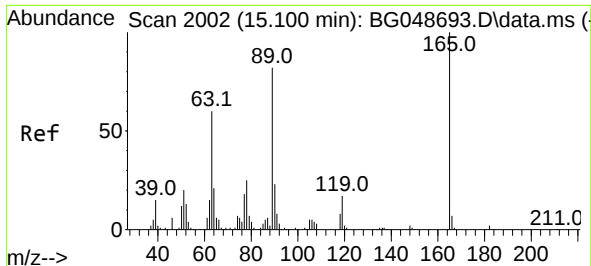
Tgt Ion:165 Resp: 7255
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 7.5 63.4 95.0#



#54
2,4-Dinitrophenol
Concen: 5.40 ng
RT: 14.689 min Scan# 1932
Delta R.T. -0.166 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#

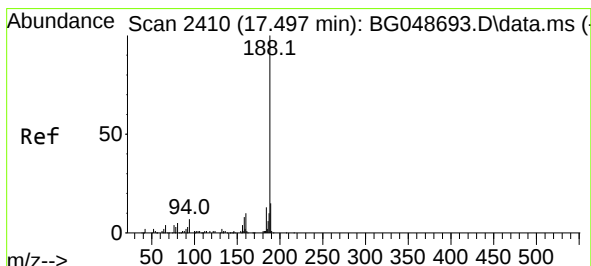
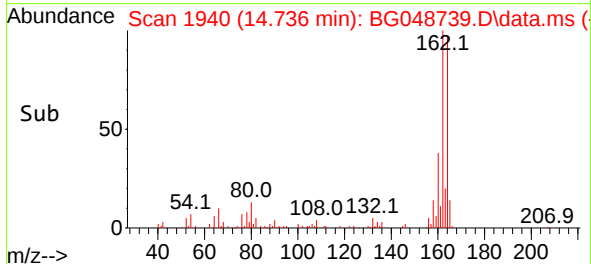
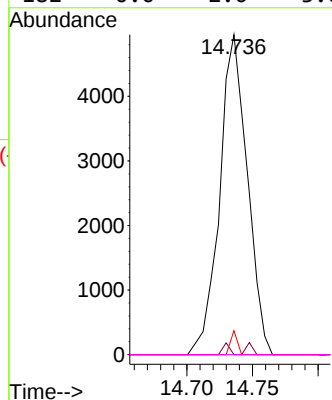
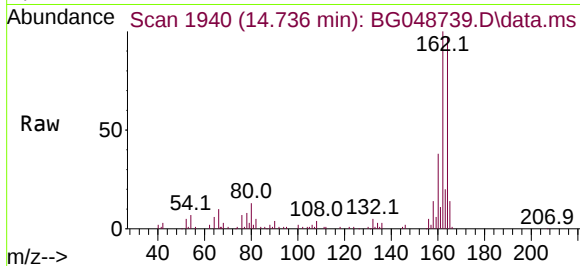




#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

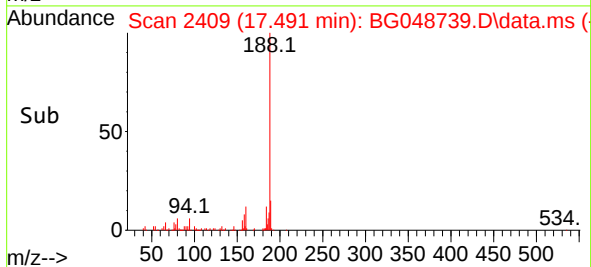
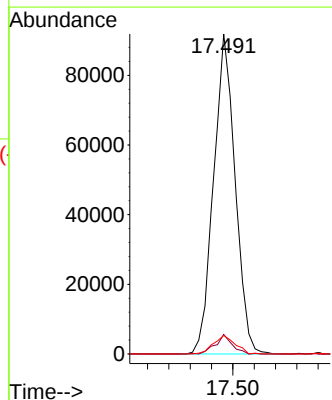
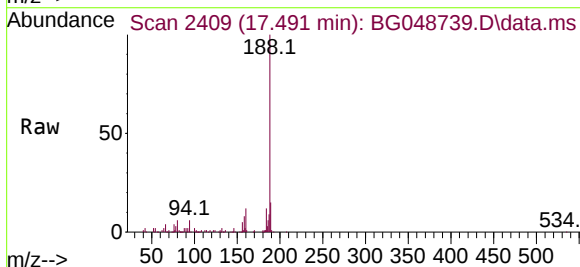
Instrument :
BNA_G
ClientSampleId :
104-SB-1

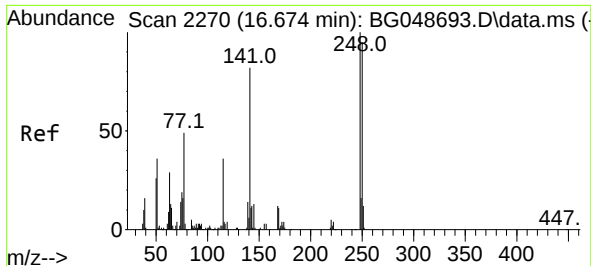
Tgt Ion:	165	Resp:	7255
Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	7.5	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.491 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion:	188	Resp:	128655
Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.4	8.0
80	5.8	3.7	5.5#

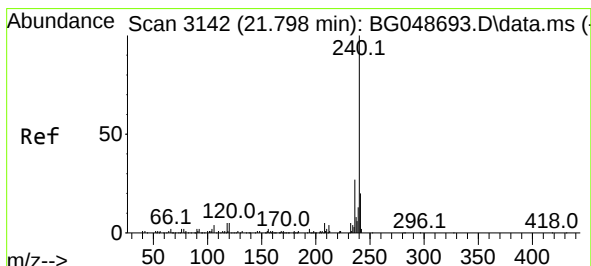
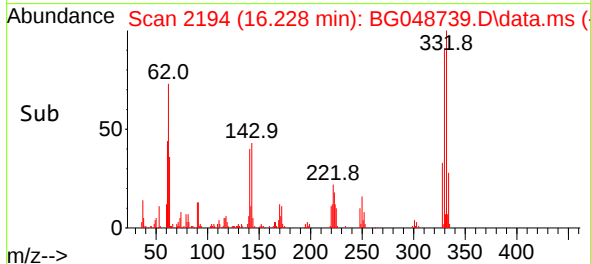
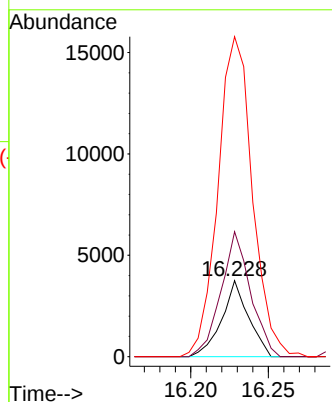
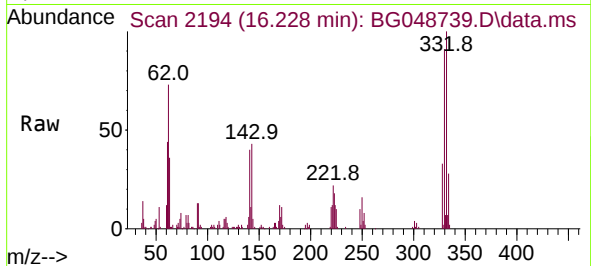




#67
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 16.228 min Scan# 2194
Delta R.T. -0.448 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

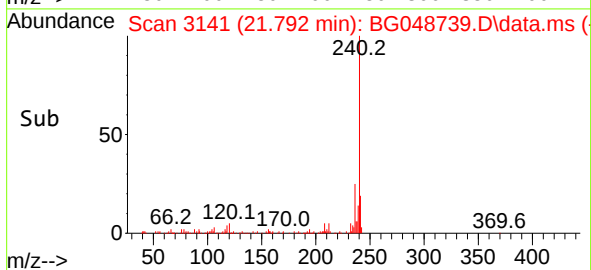
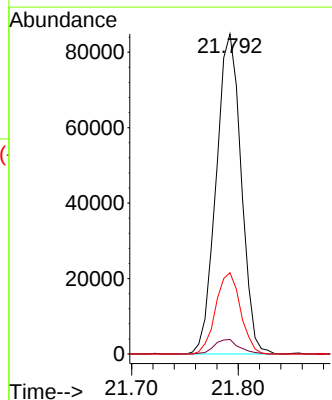
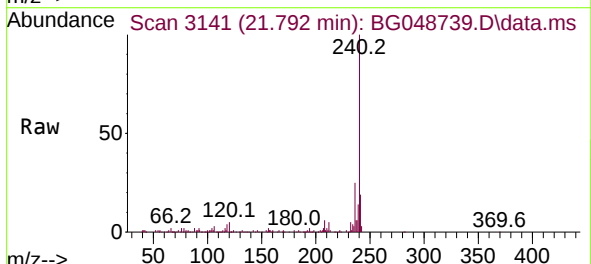
Instrument :
BNA_G
ClientSampleId :
104-SB-1

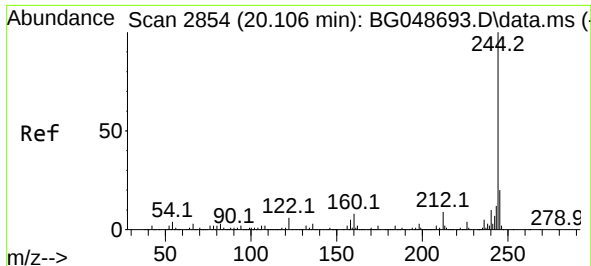
Tgt Ion:248 Resp: 4501
Ion Ratio Lower Upper
248 100
250 164.2 76.1 114.1#
141 420.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion:240 Resp: 138134
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 25.4 21.8 32.6

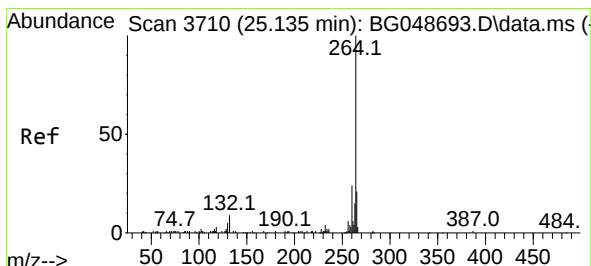
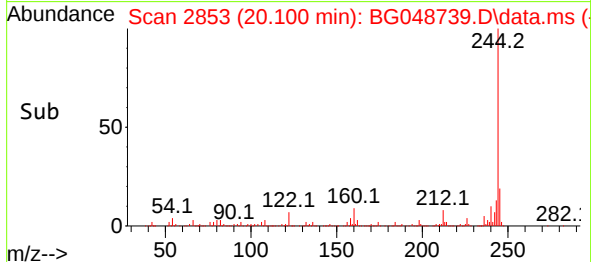
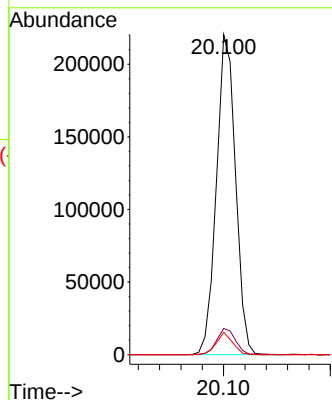
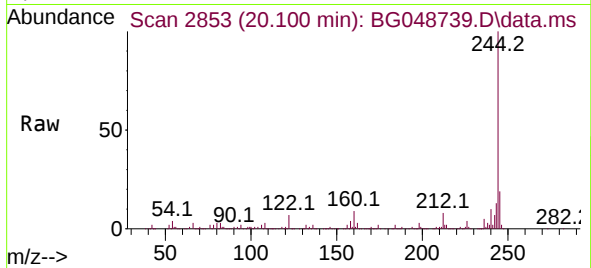




#79
Terphenyl-d14
Concen: 34.05 ng
RT: 20.100 min Scan# 2853
Delta R.T. -0.007 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Instrument :
BNA_G
ClientSampleId :
104-SB-1

Tgt Ion:244 Resp: 273284
Ion Ratio Lower Upper
244 100
212 8.2 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. -0.013 min
Lab File: BG048739.D
Acq: 17 Apr 2021 00:51

Tgt Ion:264 Resp: 138696
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.6 16.9 25.3

