

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
 Data File : BG048574.D
 Acq On : 2 Apr 2021 18:37
 Operator : CG/JU
 Sample : M1836-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-19-21

Quant Time: Apr 02 23:58:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

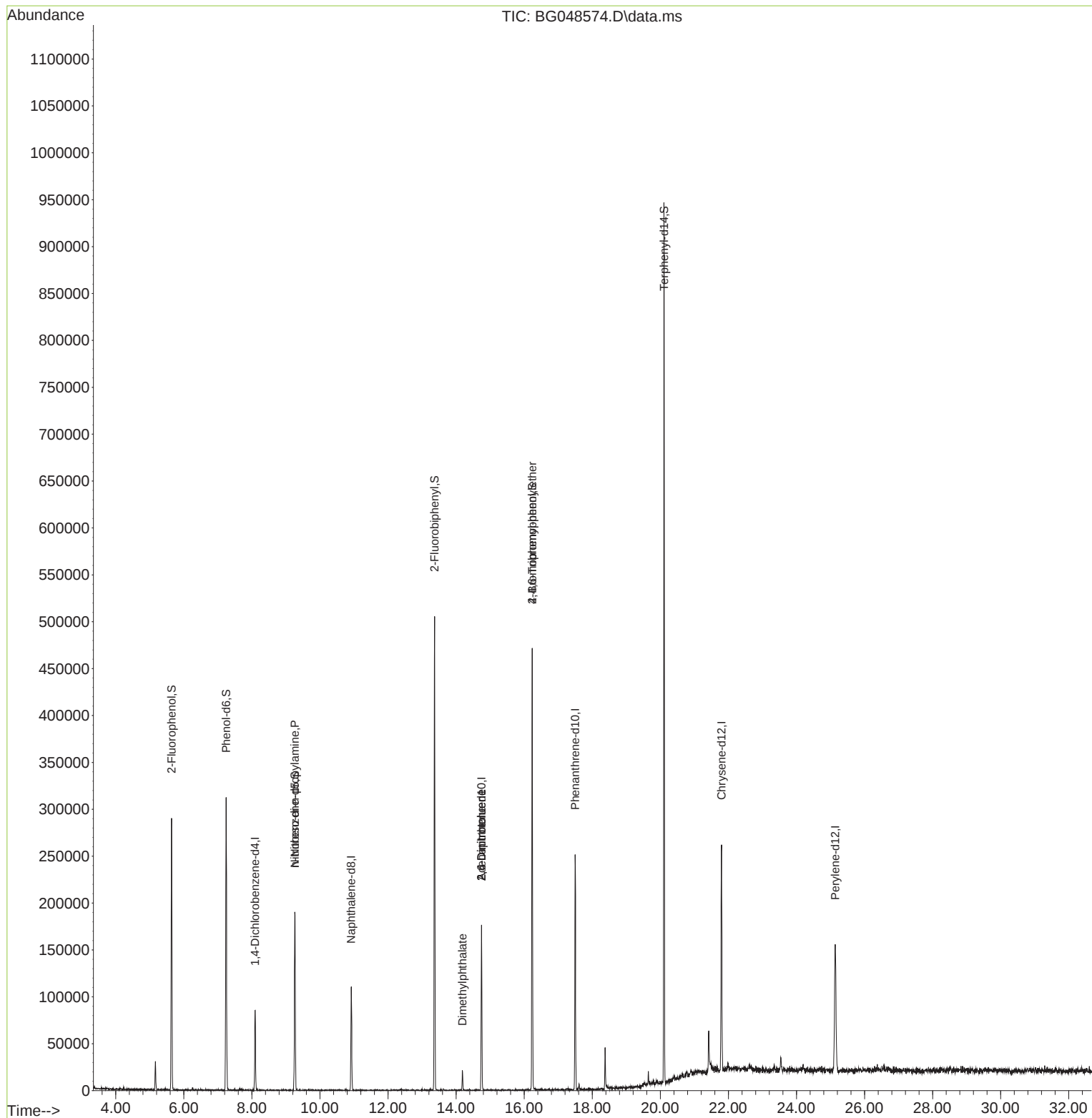
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	23446	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	89283	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	62578	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	156511	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	154074	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	148625	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	123612	93.08	ng	0.00
7) Phenol-d6	7.245	99	160167	83.16	ng	0.00
23) Nitrobenzene-d5	9.260	82	112574	61.04	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	82032	99.72	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	255638	60.72	ng	0.00
79) Terphenyl-d14	20.106	244	429702	51.00	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.260	70	18153	13.67	ng	# 74
50) Dimethylphthalate	14.184	163	13086	2.82	ng	100
51) 2,6-Dinitrotoluene	14.748	165	8458	7.96	ng	# 17
57) 2,4-Dinitrotoluene	14.748	165	8458	5.63	ng	# 22
67) 4-Bromophenyl-phenylether	16.234	248	5739	3.31	ng	# 1

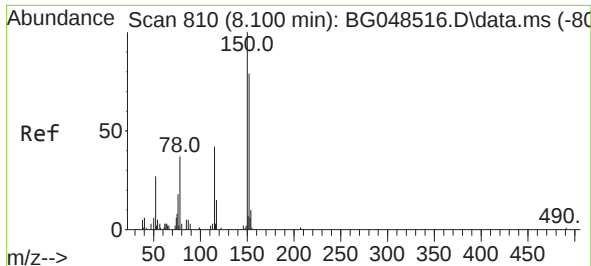
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

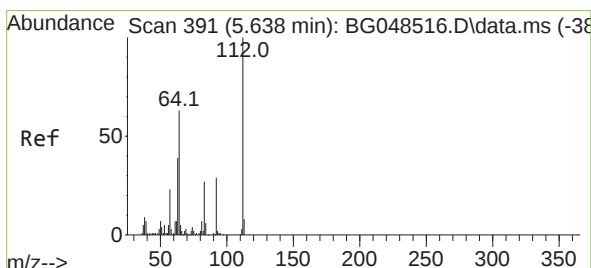
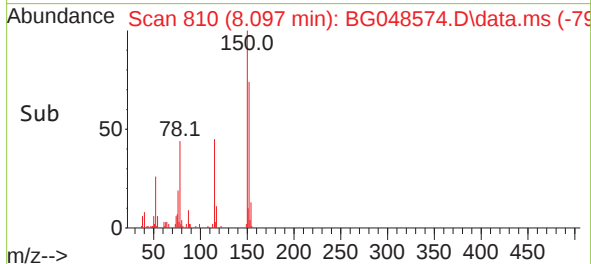
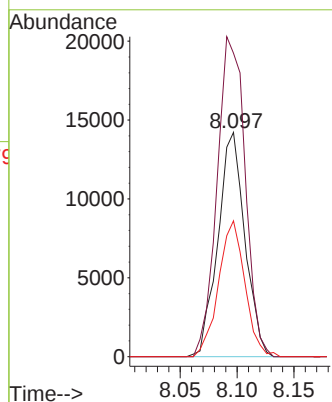
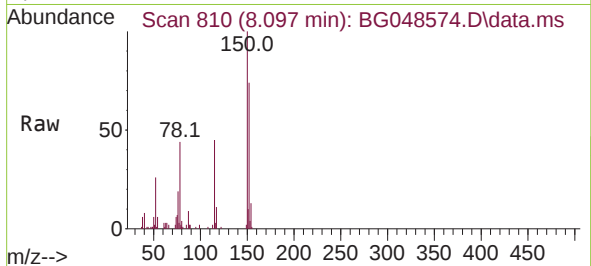




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

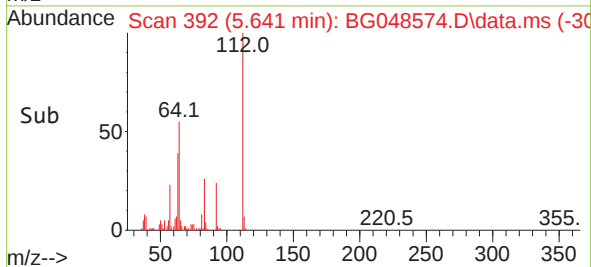
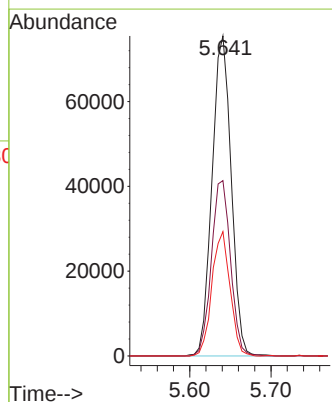
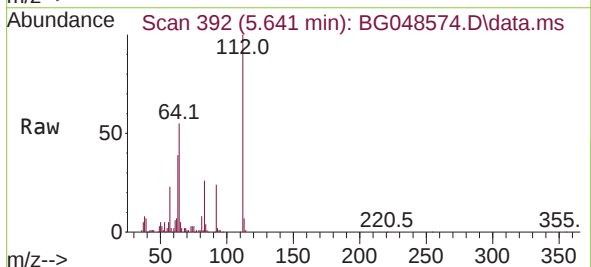
Instrument :
BNA_G
ClientSampled :
B3-19-21

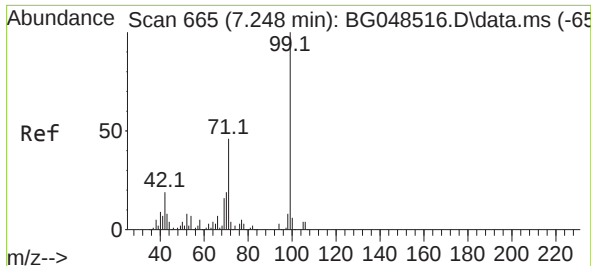
Tgt Ion:152 Resp: 23446
Ion Ratio Lower Upper
152 100
150 135.3 101.3 151.9
115 60.6 42.3 63.5



#5
2-Fluorophenol
Concen: 93.08 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Tgt Ion:112 Resp: 123612
Ion Ratio Lower Upper
112 100
64 54.8 50.4 75.6
63 38.8 31.4 47.2

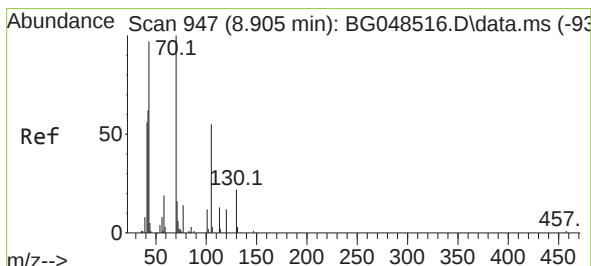
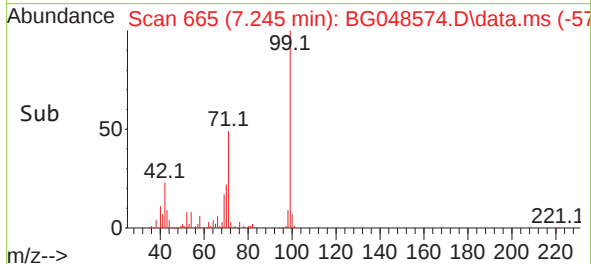
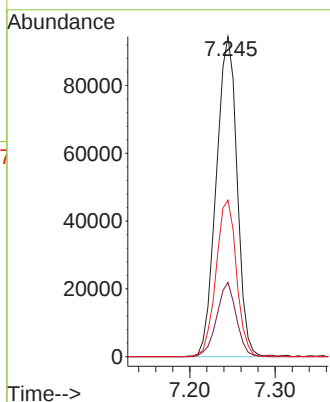
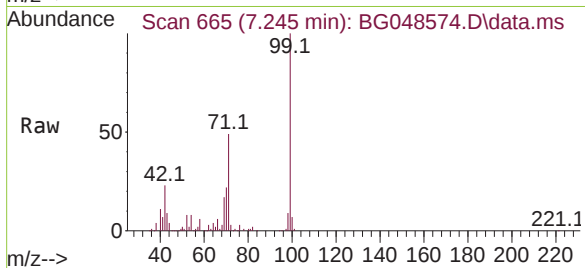




#7
Phenol-d6
Concen: 83.16 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

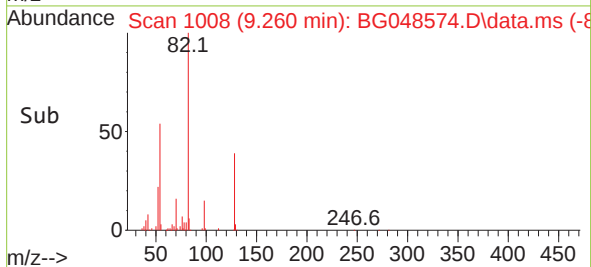
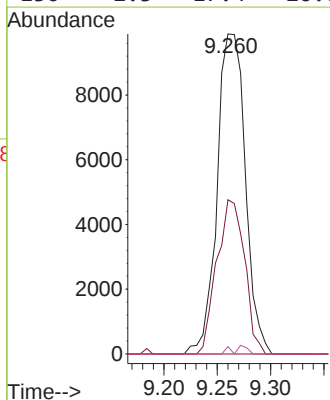
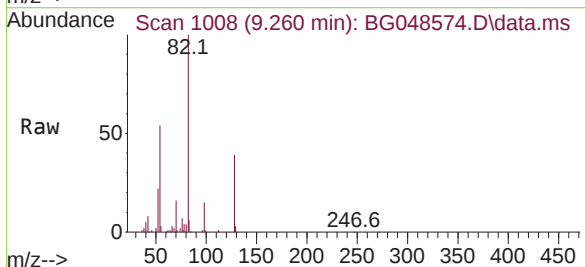
Instrument :
BNA_G
ClientSampleId :
B3-19-21

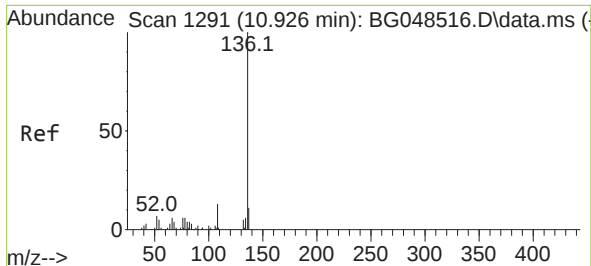
Tgt Ion: 99 Resp: 160167
Ion Ratio Lower Upper
99 100
42 23.2 15.5 23.3
71 48.9 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.67 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Tgt Ion: 70 Resp: 18153
Ion Ratio Lower Upper
70 100
42 48.2 50.8 76.2#
101 0.0 9.7 14.5#
130 2.3 17.4 26.0#

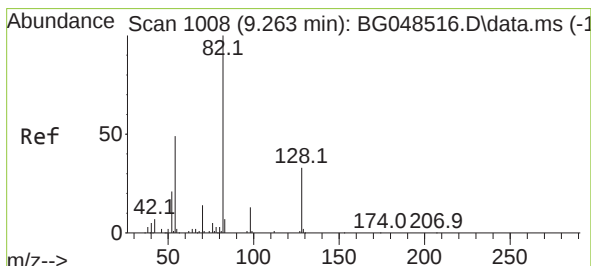
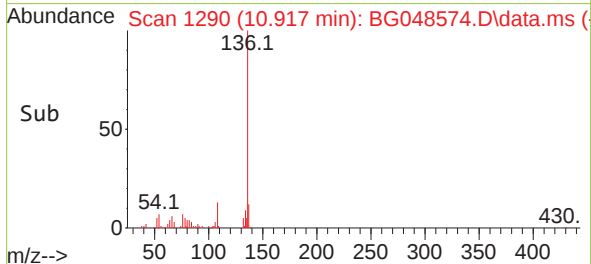
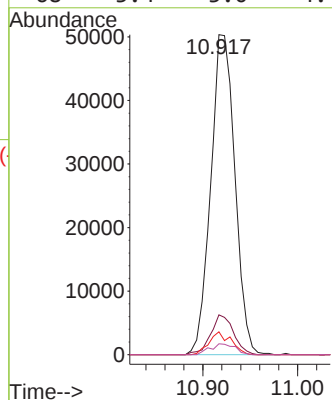
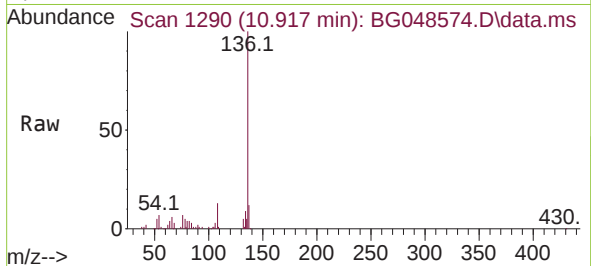




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

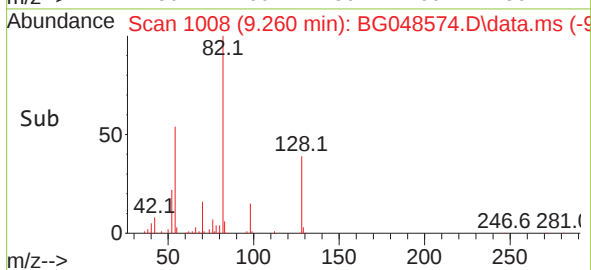
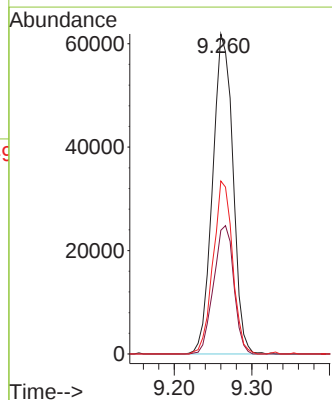
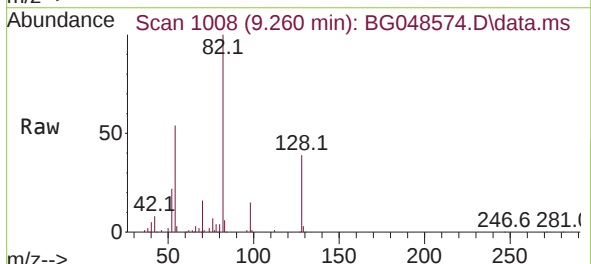
Instrument :
BNA_G
ClientSampleId :
B3-19-21

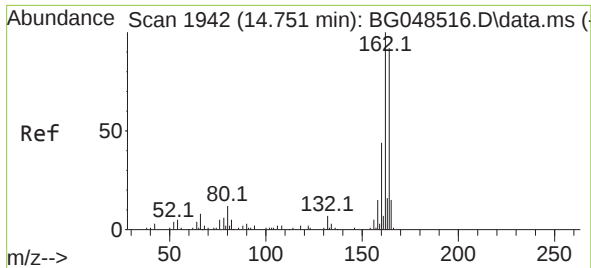
Tgt Ion:136	Resp:	89283
Ion Ratio	Lower	Upper
136	100	
137	12.4	8.6 12.8
54	7.1	4.2 6.4#
68	3.4	3.0 4.4



#23
Nitrobenzene-d5
Concen: 61.04 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Tgt Ion: 82	Resp:	112574
Ion Ratio	Lower	Upper
82	100	
128	38.7	26.2 39.4
54	54.0	38.9 58.3

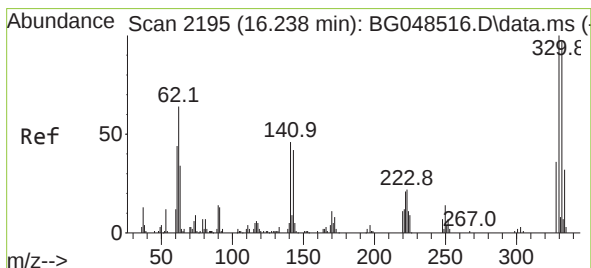
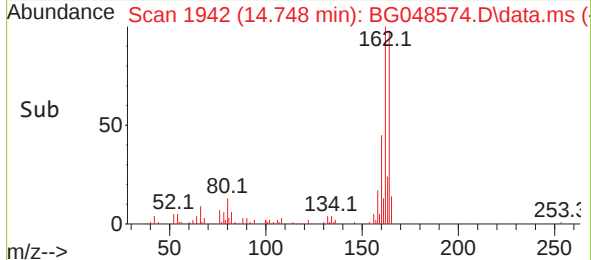
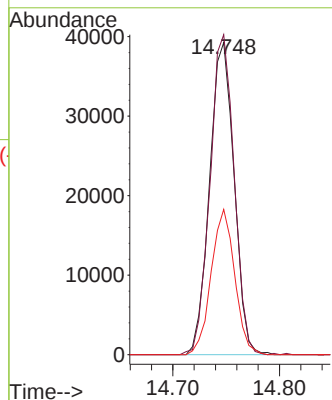
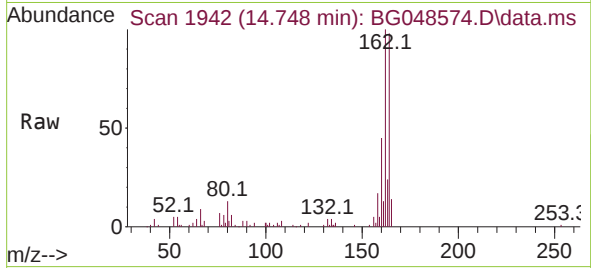




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

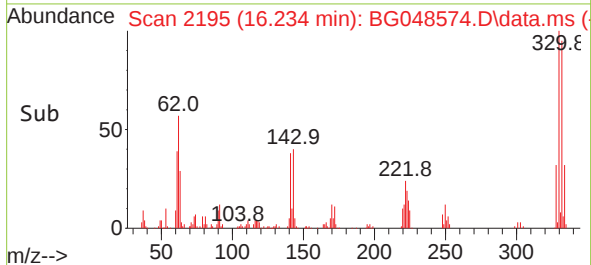
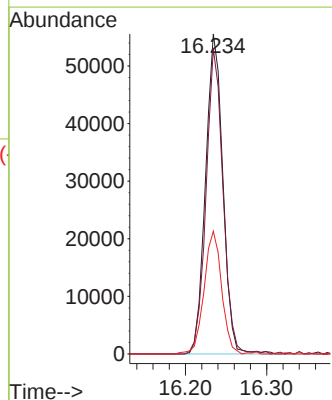
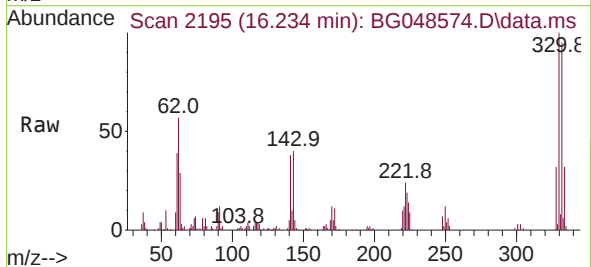
Instrument :
BNA_G
ClientSampleId :
B3-19-21

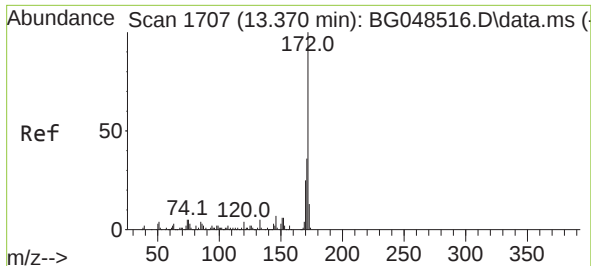
Tgt Ion:164 Resp: 62578
Ion Ratio Lower Upper
164 100
162 102.5 87.0 130.6
160 46.6 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 99.72 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Tgt Ion:330 Resp: 82032
Ion Ratio Lower Upper
330 100
332 93.6 77.6 116.4
141 39.0 34.6 52.0

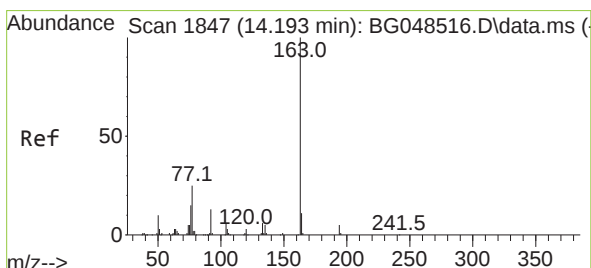
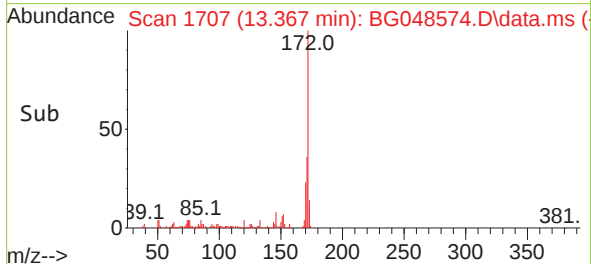
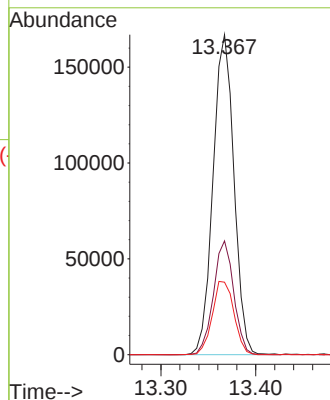
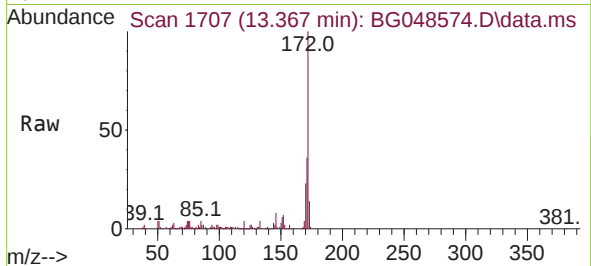




#45
2-Fluorobiphenyl
Concen: 60.72 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

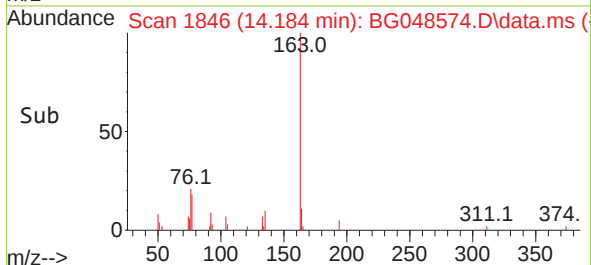
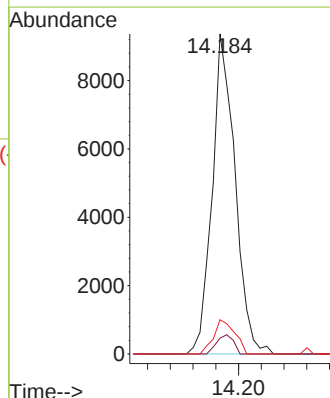
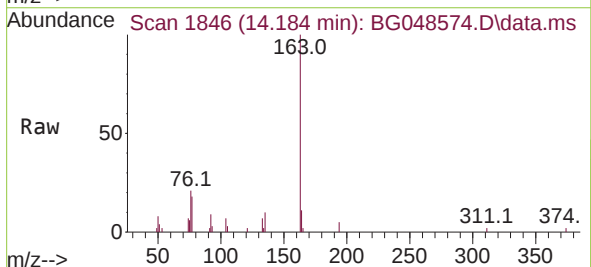
Instrument :
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ClientSampleId :
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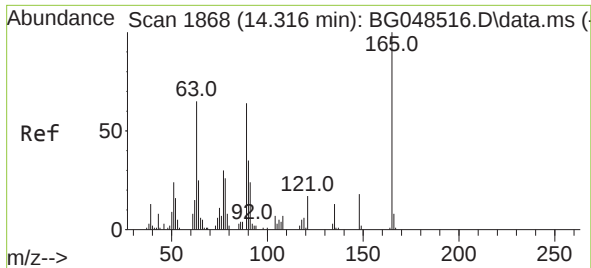
Tgt Ion:172	Resp:	255638	
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	22.7	19.8	29.6



#50
Dimethylphthalate
Concen: 2.82 ng
RT: 14.184 min Scan# 1846
Delta R.T. -0.015 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Tgt Ion:163	Resp:	13086	
Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.1	6.1
164	10.7	8.6	12.8

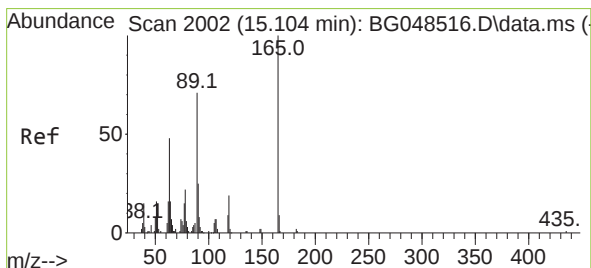
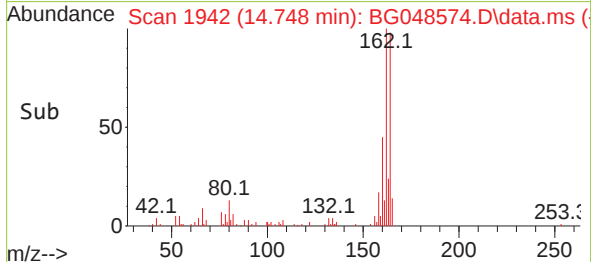
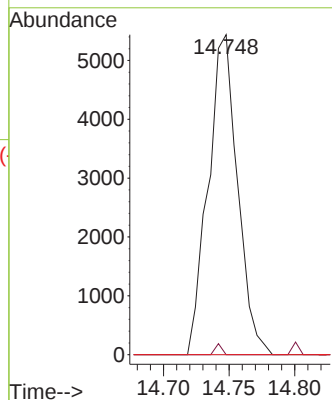
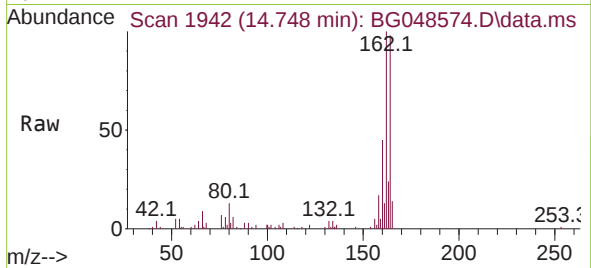




#51
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.432 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

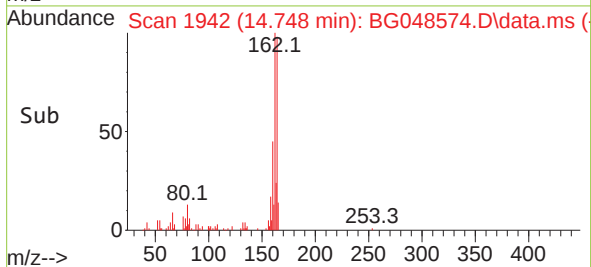
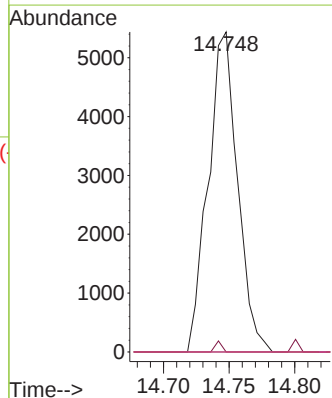
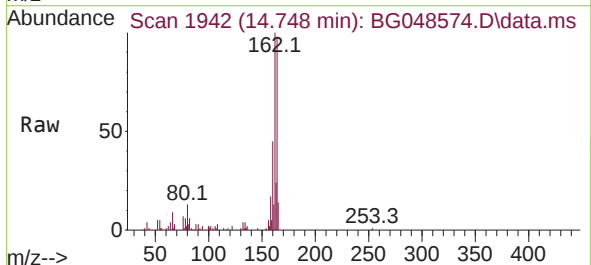
Instrument :
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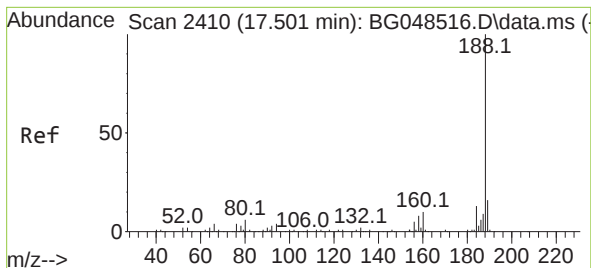
Tgt Ion:165 Resp: 8458
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 0.0 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Tgt Ion:165 Resp: 8458
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 56.5 84.7#
182 0.0 1.8 2.6#

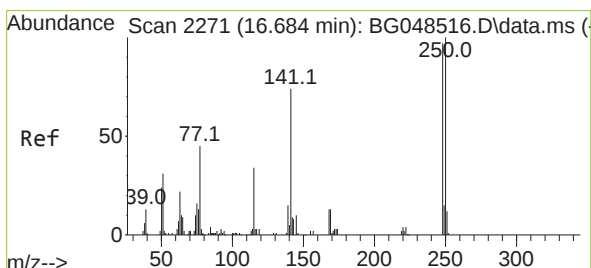
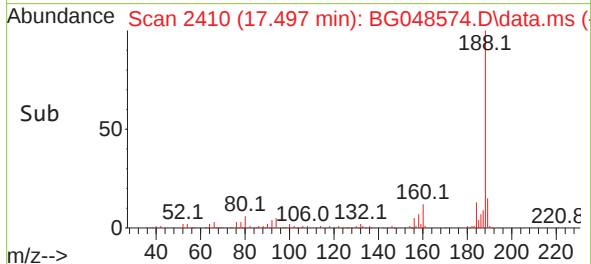
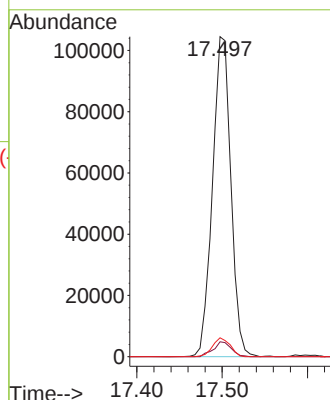
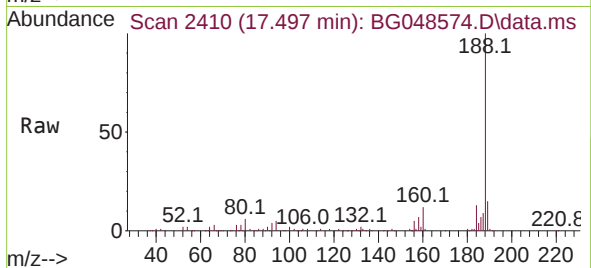




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

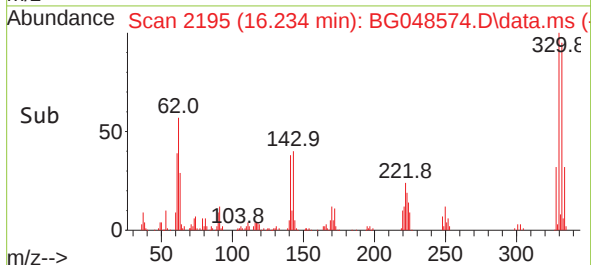
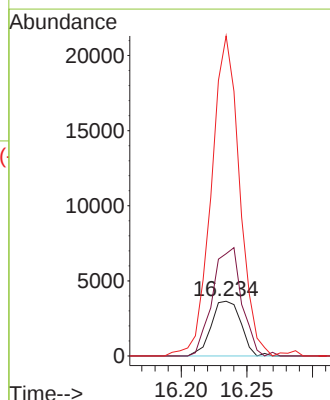
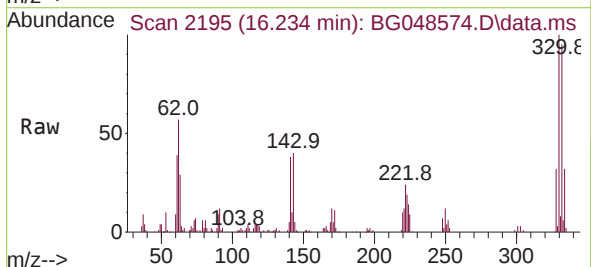
Instrument :
BNA_G
ClientSampleId :
B3-19-21

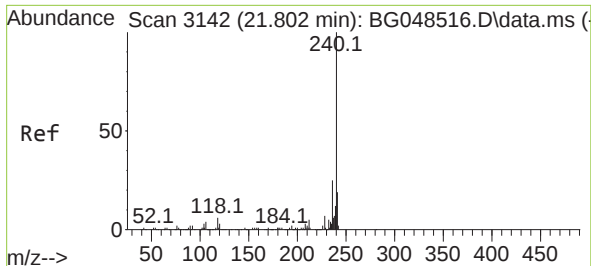
Tgt Ion:188 Resp: 156511
Ion Ratio Lower Upper
188 100
94 4.7 3.0 4.6#
80 5.9 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Tgt Ion:248 Resp: 5739
Ion Ratio Lower Upper
248 100
250 138.8 82.6 124.0#
141 434.3 61.0 91.6#

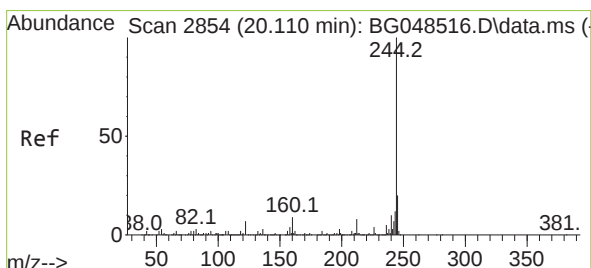
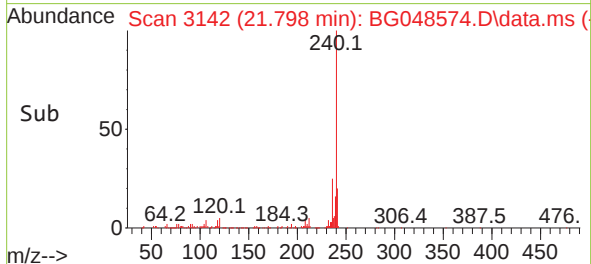
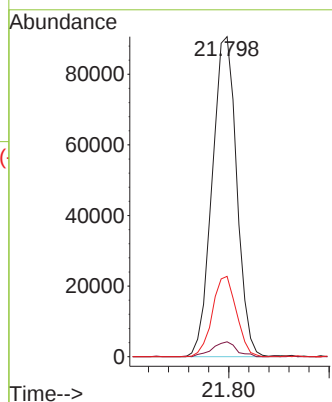
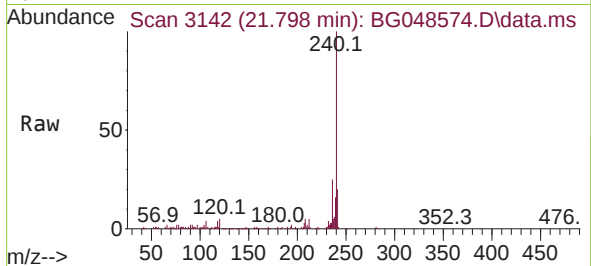




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

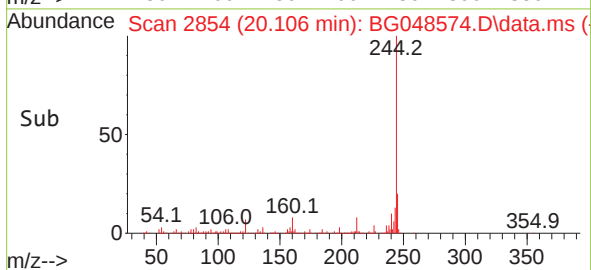
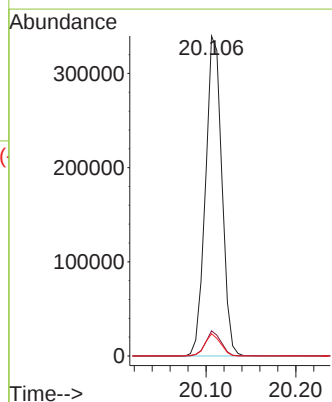
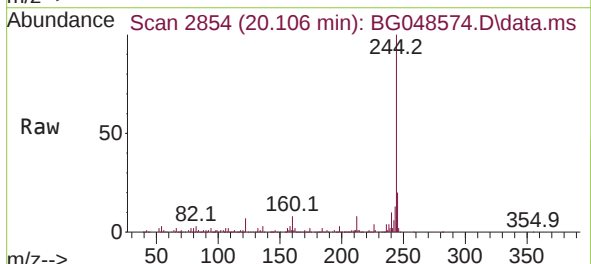
Instrument :
BNA_G
ClientSampleId :
B3-19-21

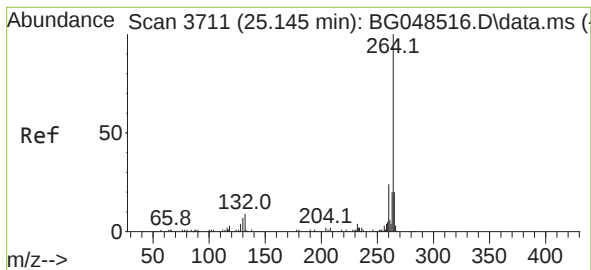
Tgt Ion:240 Resp: 154074
Ion Ratio Lower Upper
240 100
120 4.7 2.6 3.8#
236 25.1 19.8 29.6



#79
Terphenyl-d14
Concen: 51.00 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.009 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Tgt Ion:244 Resp: 429702
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 6.9 5.8 8.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. -0.015 min
Lab File: BG048574.D
Acq: 2 Apr 2021 18:37

Instrument :
BNA_G
ClientSampleId :
B3-19-21

Tgt Ion:264 Resp: 148625

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.4	16.1	24.1

