

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048549.D
 Acq On : 1 Apr 2021 18:28
 Operator : CG/JU
 Sample : M1885-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SG1-8012-8022

Quant Time: Apr 02 03:04:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

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

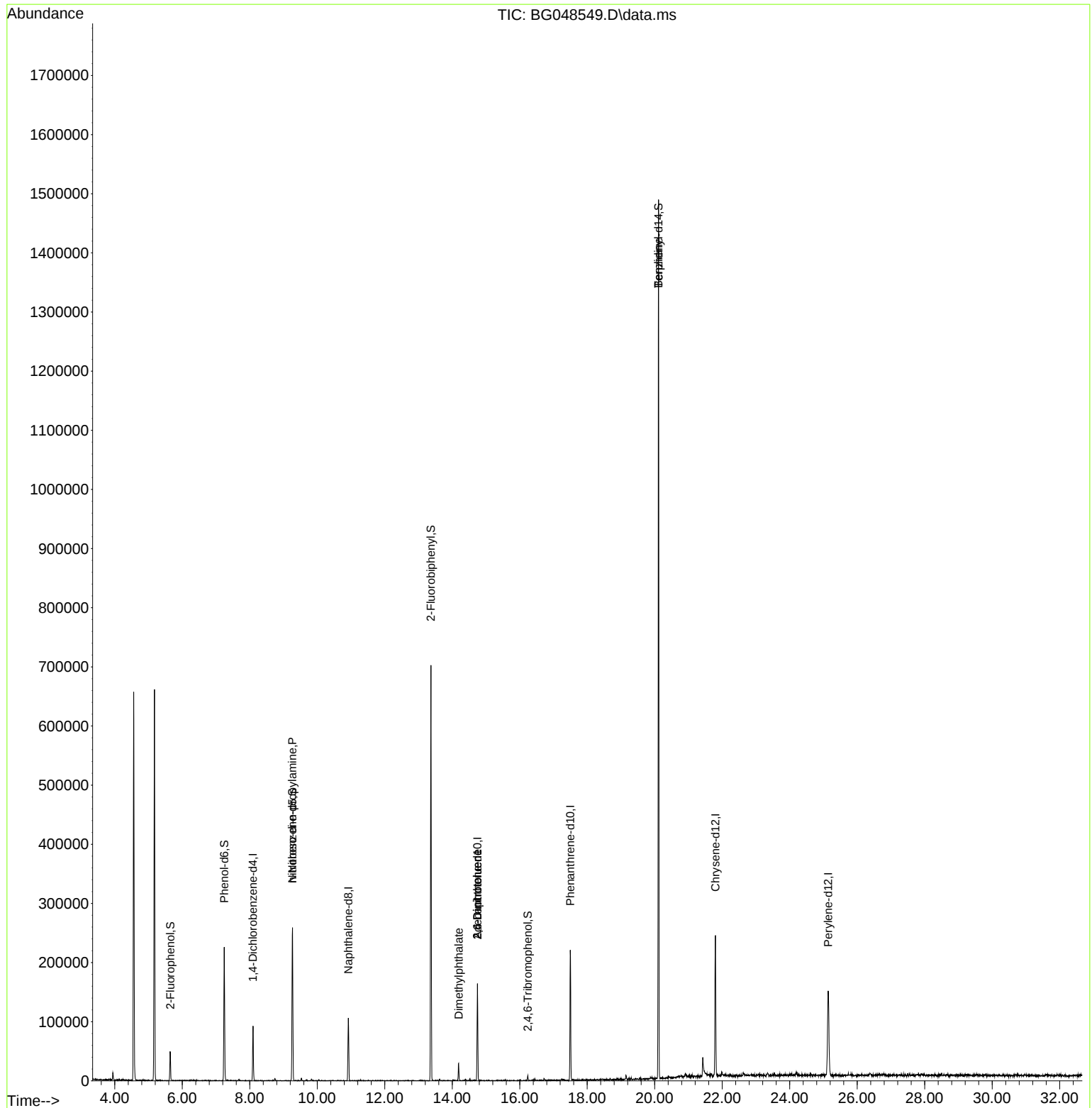
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	22892	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	89504	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	59534	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	144907	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	157643	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	157596	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	20475	15.79	ng	0.00
7) Phenol-d6	7.245	99	113504	60.36	ng	0.00
23) Nitrobenzene-d5	9.267	82	155300	84.01	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	1648	2.11	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	344130	85.92	ng	-0.01
79) Terphenyl-d14	20.113	244	672806	78.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.267	70	22447	17.32	ng	# 80
50) Dimethylphthalate	14.190	163	17791	4.03	ng	# 93
51) 2,6-Dinitrotoluene	14.748	165	7271	7.19	ng	# 20
57) 2,4-Dinitrotoluene	14.748	165	7271	5.08	ng	# 25
77) Benzidine	20.113	184	12592	2.36	ng	# 92

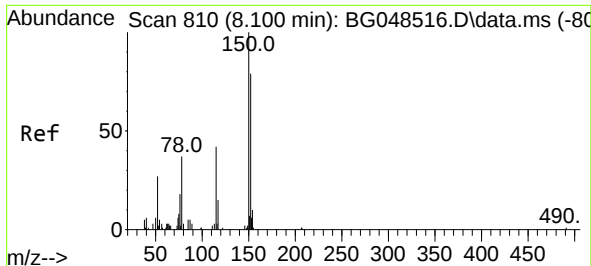
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
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Quant Time: Apr 02 03:04:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

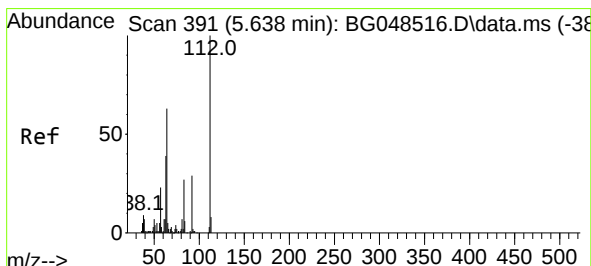
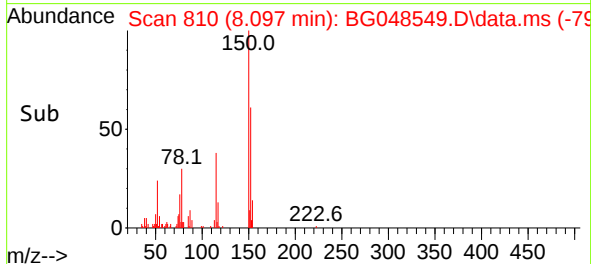
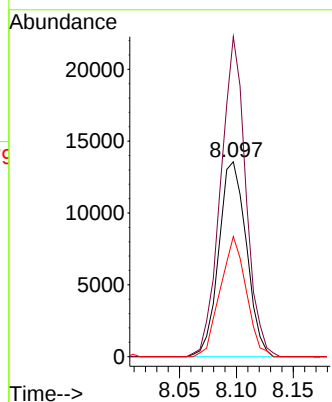
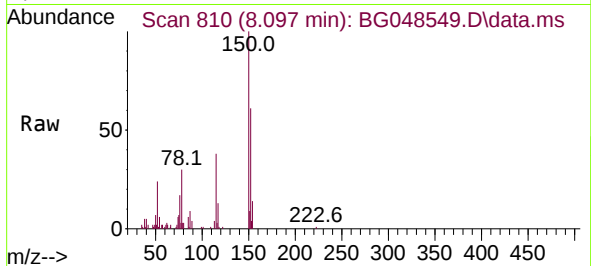




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.097 min Scan# 810
Delta R.T. -0.007 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

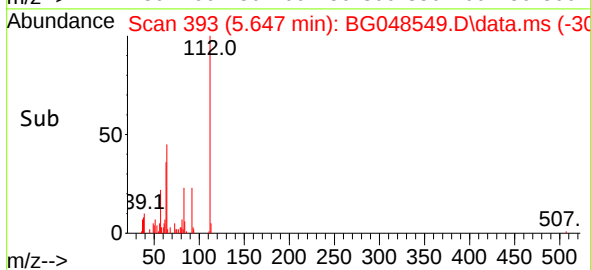
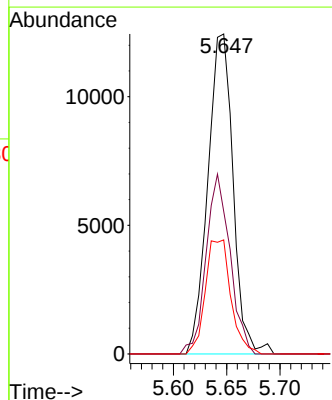
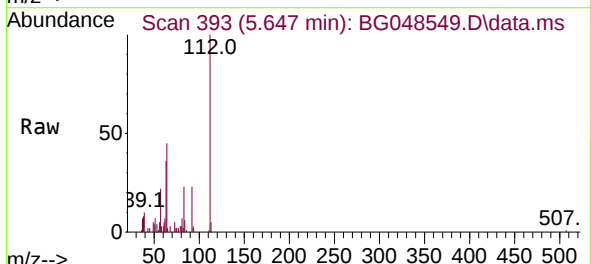
Instrument :
BNA_G
ClientSampleId :
SG1-8012-8022

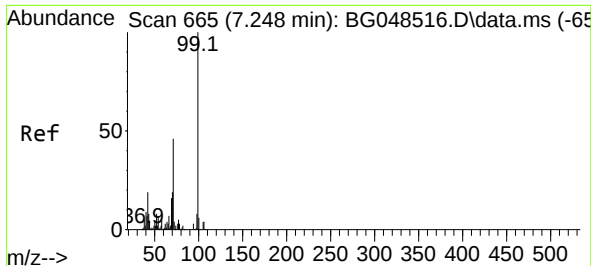
Tgt Ion:152 Resp: 22892
Ion Ratio Lower Upper
152 100
150 164.2 101.3 151.9#
115 61.7 42.3 63.5



#5
2-Fluorophenol
Concen: 15.79 ng
RT: 5.647 min Scan# 393
Delta R.T. 0.005 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

Tgt Ion:112 Resp: 20475
Ion Ratio Lower Upper
112 100
64 44.6 50.4 75.6#
63 35.6 31.4 47.2

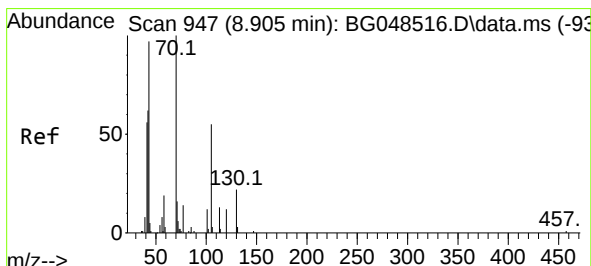
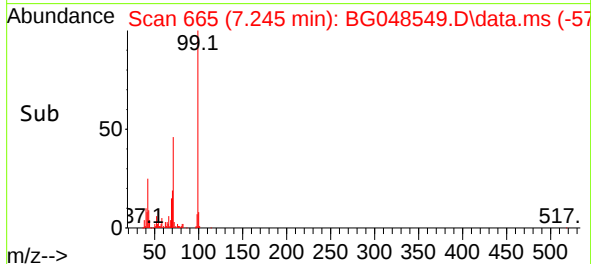
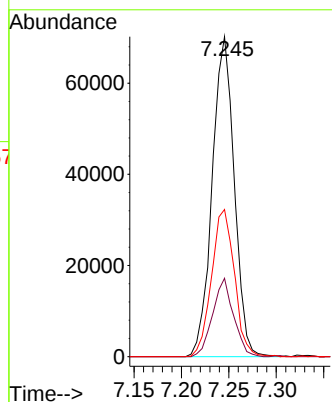
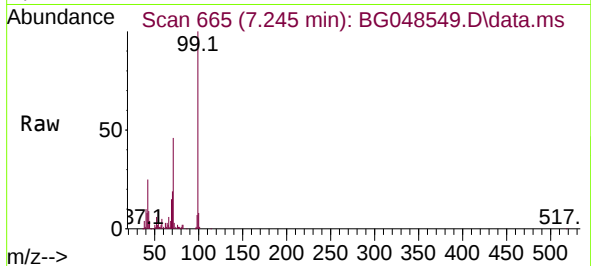




#7
Phenol-d6
Concen: 60.36 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.006 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

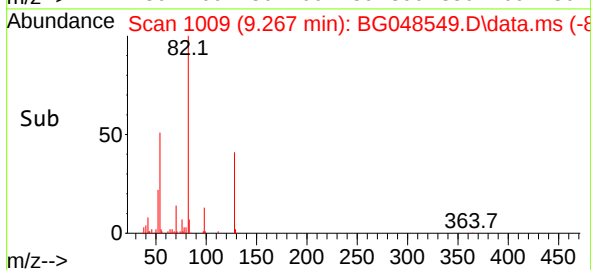
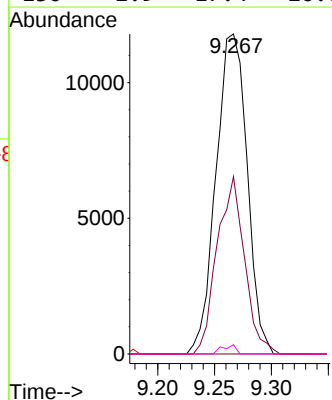
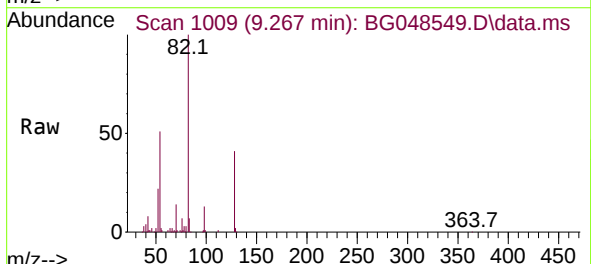
Instrument :
BNA_G
ClientSampleId :
SG1-8012-8022

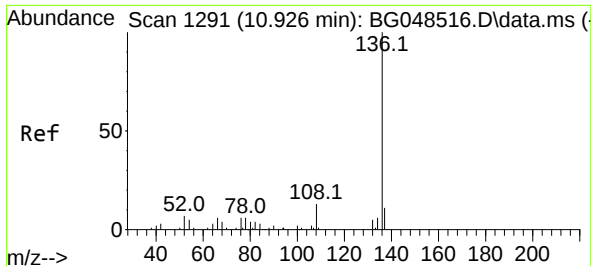
Tgt Ion: 99 Resp: 113504
Ion Ratio Lower Upper
99 100
42 24.5 15.5 23.3#
71 46.0 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.32 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.358 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

Tgt Ion: 70 Resp: 22447
Ion Ratio Lower Upper
70 100
42 55.4 50.8 76.2
101 0.0 9.7 14.5#
130 2.9 17.4 26.0#

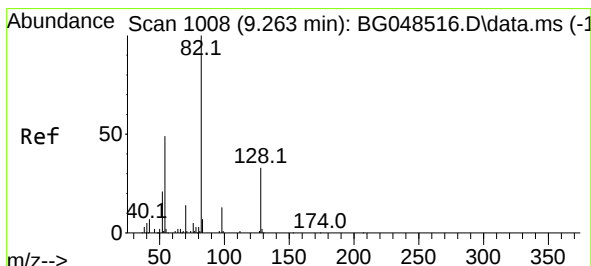
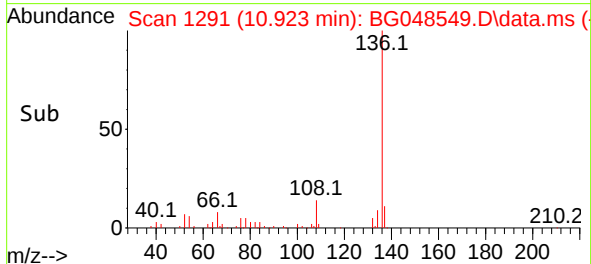
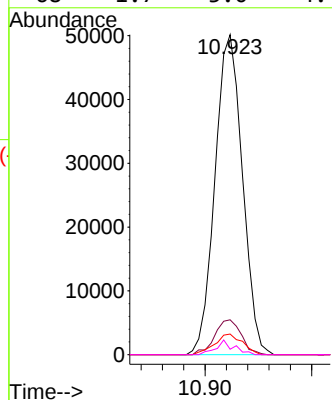
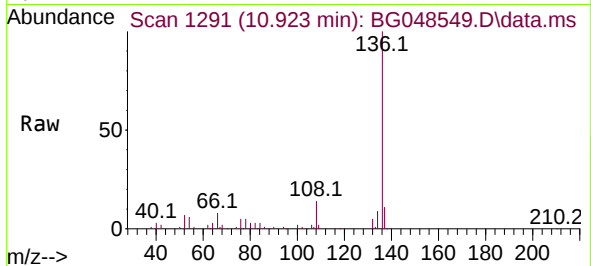




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

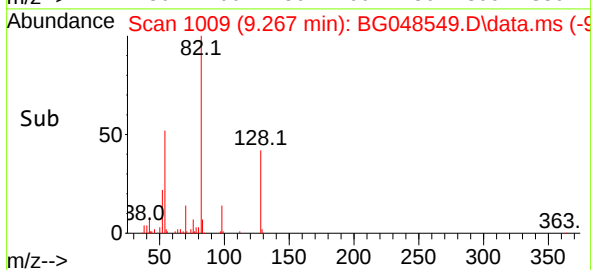
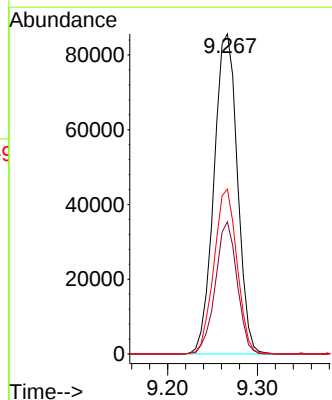
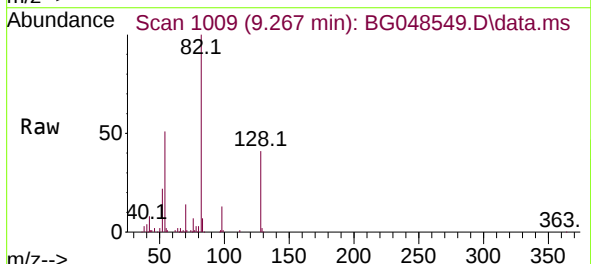
Instrument :
BNA_G
ClientSampleId :
SG1-8012-8022

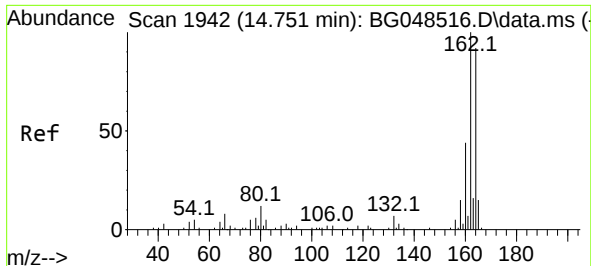
Tgt Ion:136	Resp:	89504
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 12.8
54	6.4	4.2 6.4#
68	1.7	3.0 4.4#



#23
Nitrobenzene-d5
Concen: 84.01 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

Tgt Ion: 82	Resp:	155300
Ion Ratio	Lower	Upper
82	100	
128	41.3	26.2 39.4#
54	51.5	38.9 58.3

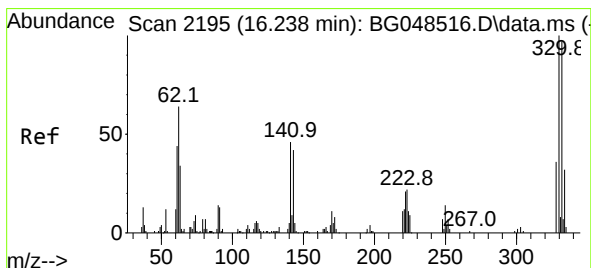
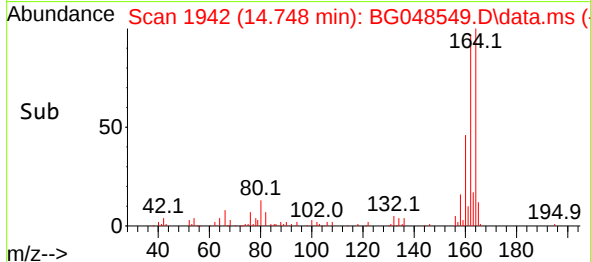
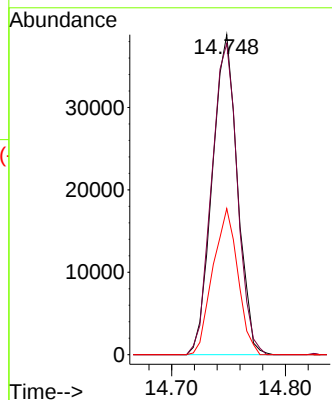
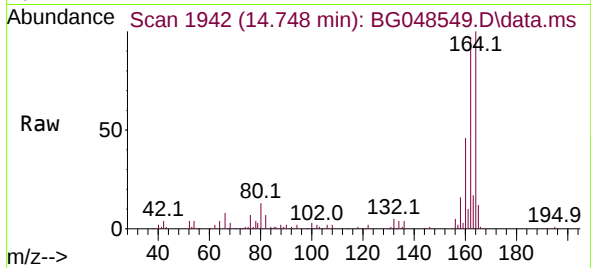




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

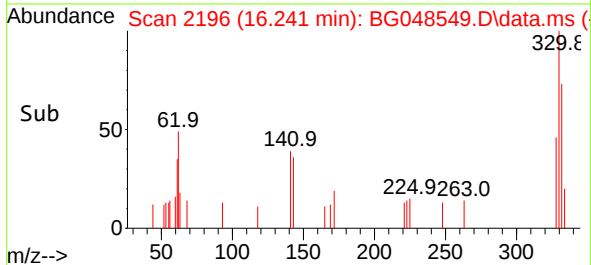
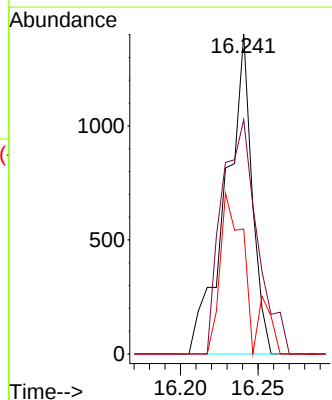
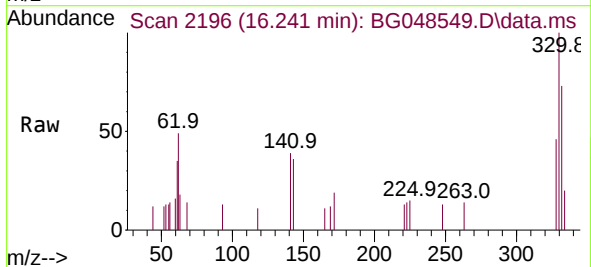
Instrument :
BNA_G
ClientSampleId :
SG1-8012-8022

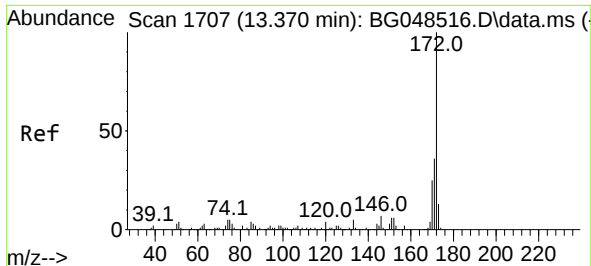
Tgt Ion:164 Resp: 59534
Ion Ratio Lower Upper
164 100
162 97.3 87.0 130.6
160 45.6 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 2.11 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

Tgt Ion:330 Resp: 1648
Ion Ratio Lower Upper
330 100
332 98.5 77.6 116.4
141 51.3 34.6 52.0

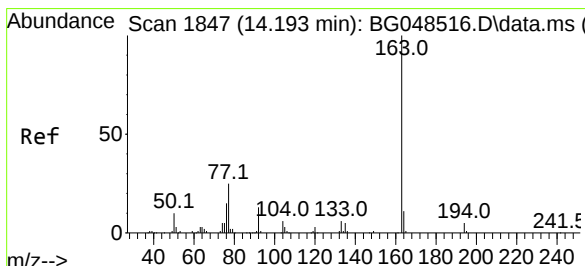
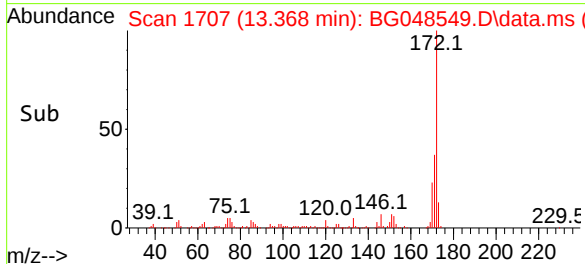
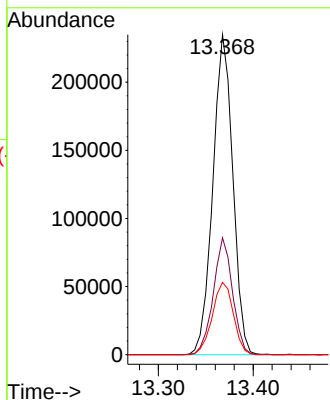
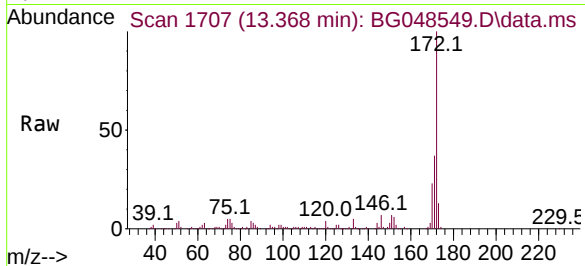




#45
2-Fluorobiphenyl
Concen: 85.92 ng
RT: 13.368 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

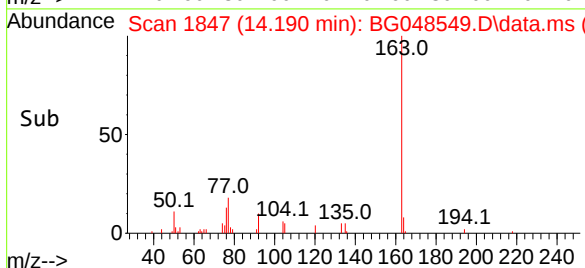
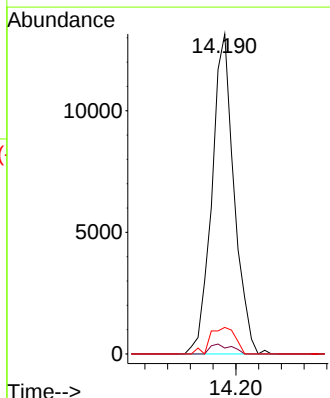
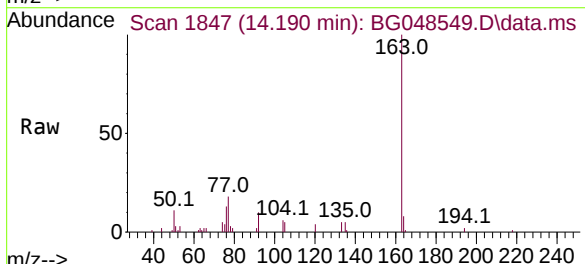
Instrument :
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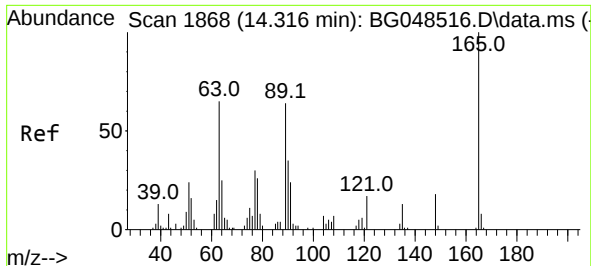
Tgt Ion:172	Resp:	344130
Ion Ratio	Lower	Upper
172	100	
171	36.6	28.5 42.7
170	22.6	19.8 29.6



#50
Dimethylphthalate
Concen: 4.03 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

Tgt Ion:163	Resp:	17791
Ion Ratio	Lower	Upper
163	100	
194	1.8	4.1 6.1#
164	8.3	8.6 12.8#

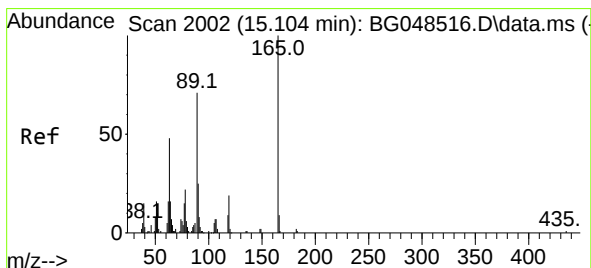
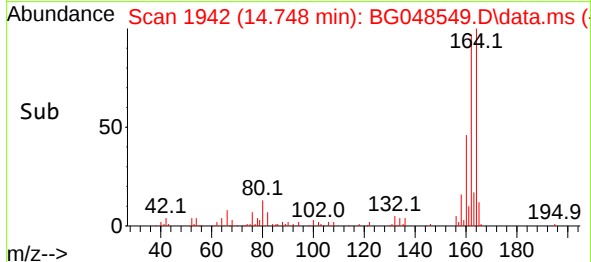
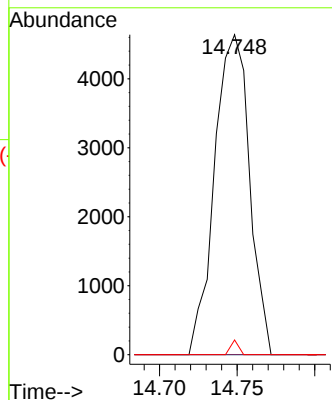
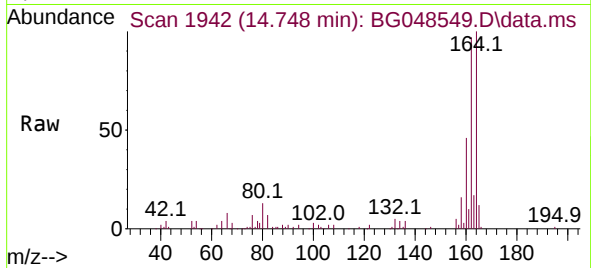




#51
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.429 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

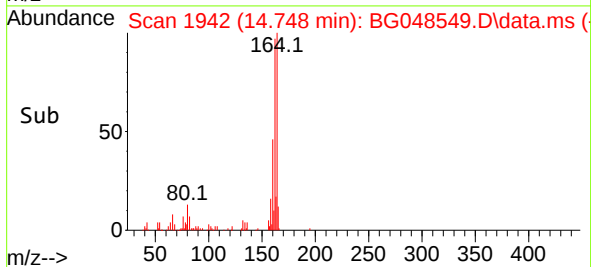
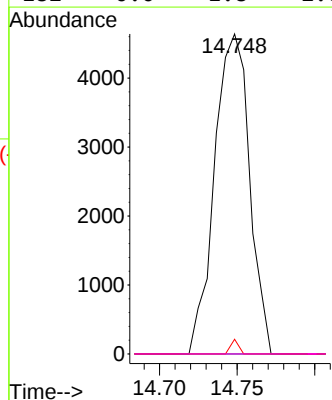
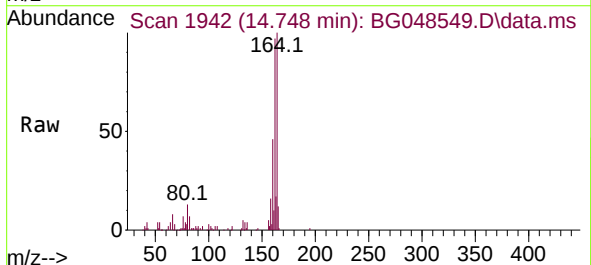
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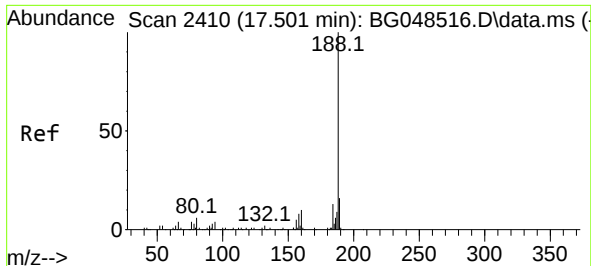
Tgt Ion:165 Resp: 7271
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 4.6 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.08 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.359 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

Tgt Ion:165 Resp: 7271
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 4.6 56.5 84.7#
182 0.0 1.8 2.6#

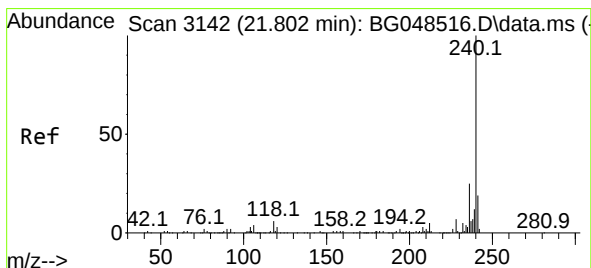
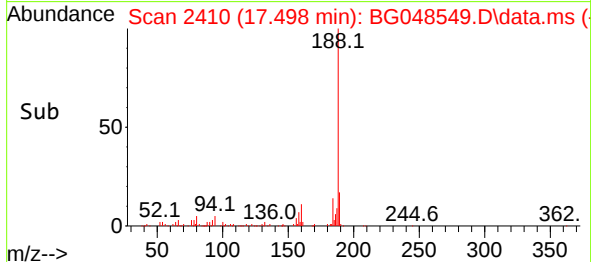
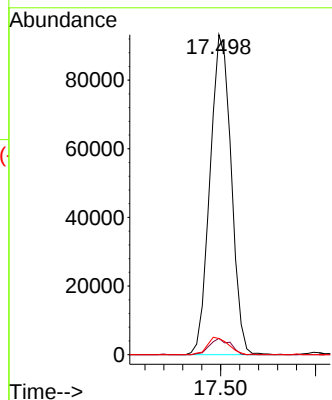
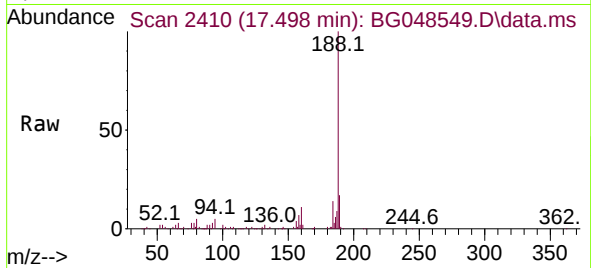




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

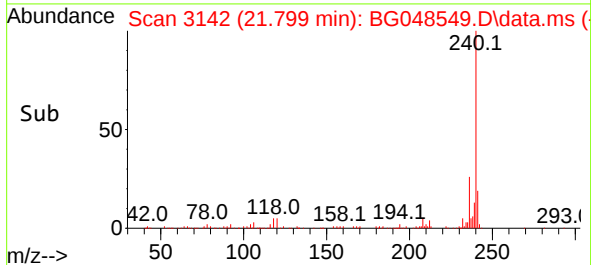
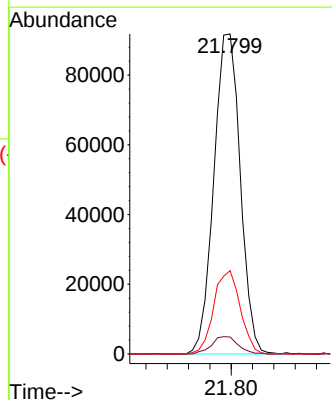
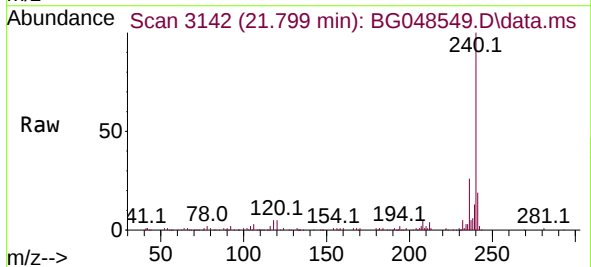
Instrument :
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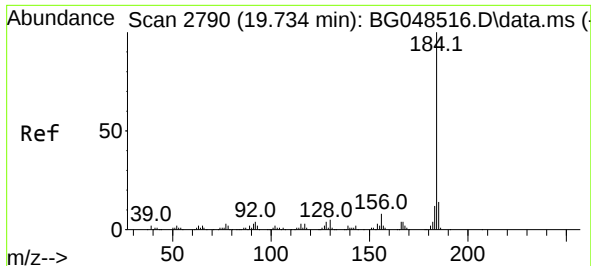
Tgt Ion:188 Resp: 144907
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.6#
80 5.0 4.5 6.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

Tgt Ion:240 Resp: 157643
Ion Ratio Lower Upper
240 100
120 5.3 2.6 3.8#
236 26.1 19.8 29.6

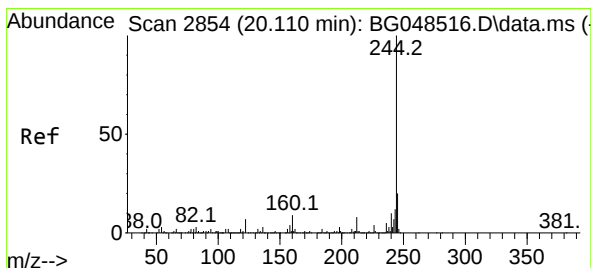
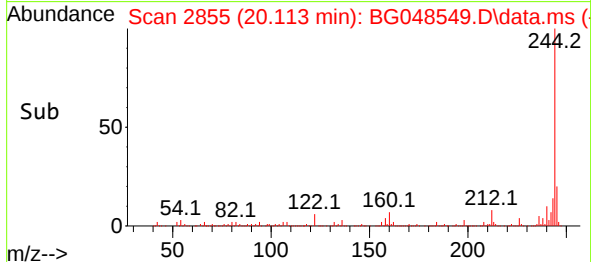
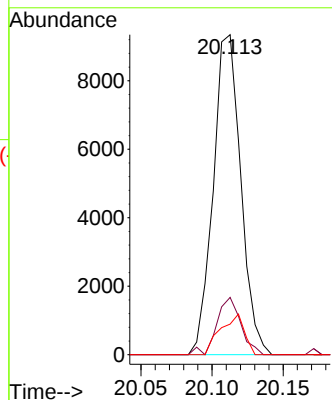
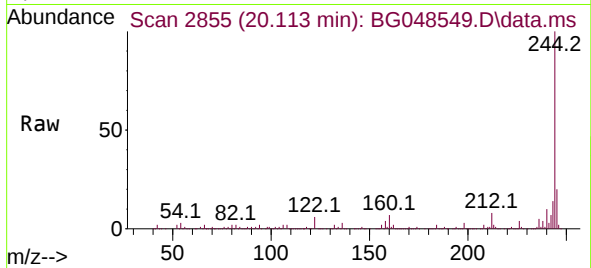




#77
Benzidine
Concen: 2.36 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.382 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

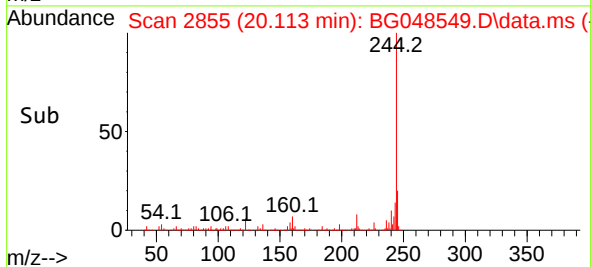
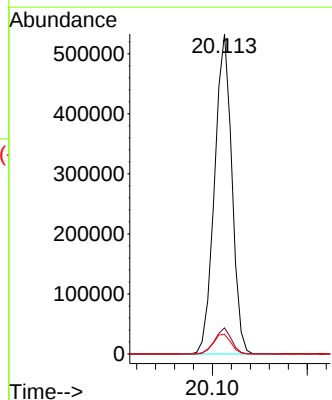
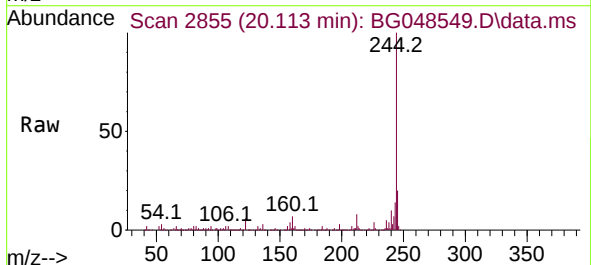
Instrument :
BNA_G
ClientSampleId :
SG1-8012-8022

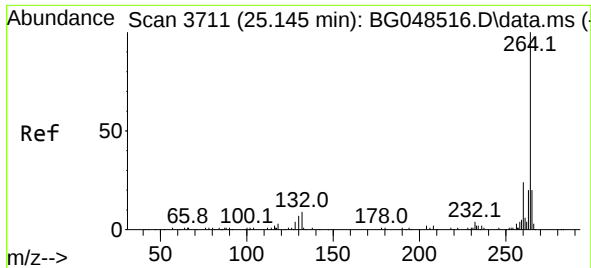
Tgt Ion:184 Resp: 12592
Ion Ratio Lower Upper
184 100
185 17.9 11.0 16.4#
183 9.5 9.2 13.8



#79
Terphenyl-d14
Concen: 78.05 ng
RT: 20.113 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BG048549.D
Acq: 1 Apr 2021 18:28

Tgt Ion:244 Resp: 672806
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 6.1 5.8 8.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. -0.012 min
 Lab File: BG048549.D
 Acq: 1 Apr 2021 18:28

Instrument :
 BNA_G
 ClientSampleId :
 SG1-8012-8022

Tgt Ion:264 Resp: 157596
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.1 28.7
 265 23.4 16.1 24.1

