

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
 Data File : BG048637.D
 Acq On : 8 Apr 2021 13:35
 Operator : CG/JU
 Sample : M1961-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR1-A-D-COMP

Quant Time: Apr 08 14:09:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

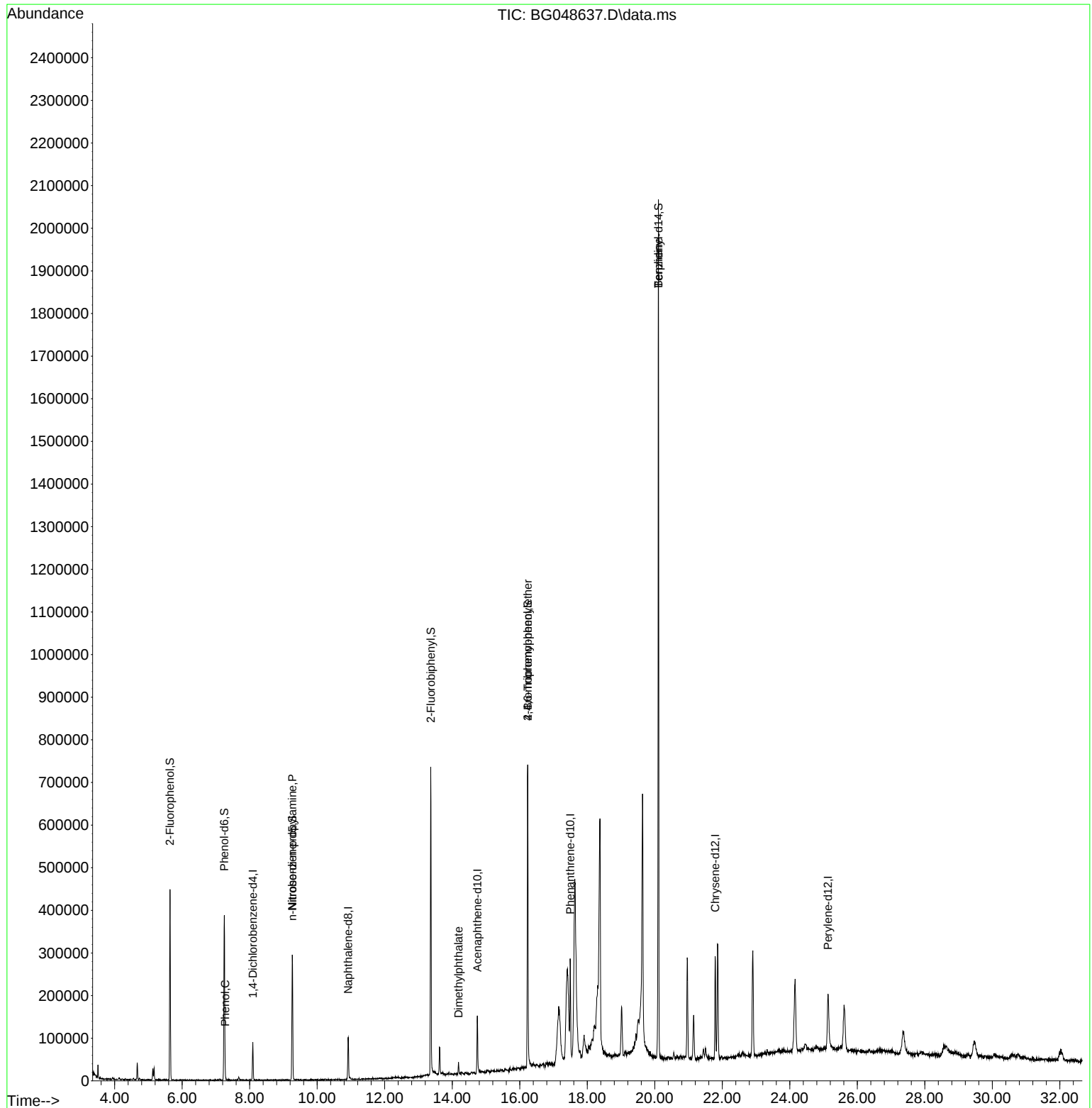
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	22841	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	81525	20.00	ng	-0.01
39) Acenaphthene-d10	14.745	164	53432	20.00	ng	0.00
64) Phenanthrene-d10	17.495	188	145436	20.00	ng	# 0.00
76) Chrysene-d12	21.790	240	159028	20.00	ng	#-0.01
86) Perylene-d12	25.133	264	150713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	181068	139.96	ng	0.00
7) Phenol-d6	7.248	99	201883	107.60	ng	0.00
23) Nitrobenzene-d5	9.263	82	176213	104.65	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	142545	202.95	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	384098	106.85	ng	0.00
79) Terphenyl-d14	20.109	244	814740	93.69	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.277	94	5210	2.77	ng	97
19) n-Nitroso-di-n-propyla...	9.269	70	24904	19.26	ng	# 75
50) Dimethylphthalate	14.187	163	17446	4.40	ng	99
67) 4-Bromophenyl-phenylether	16.237	248	10129	6.28	ng	# 1
77) Benzidine	20.109	184	16307	3.03	ng	# 82

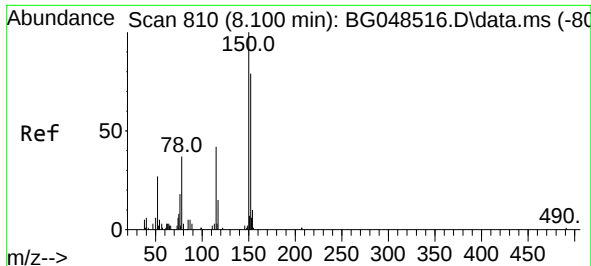
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

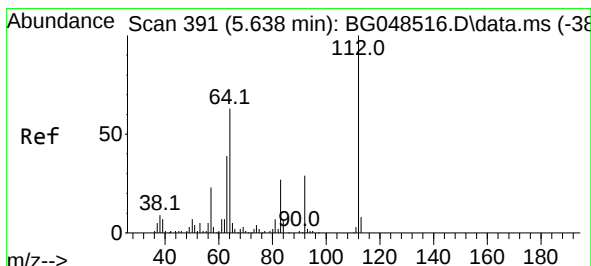
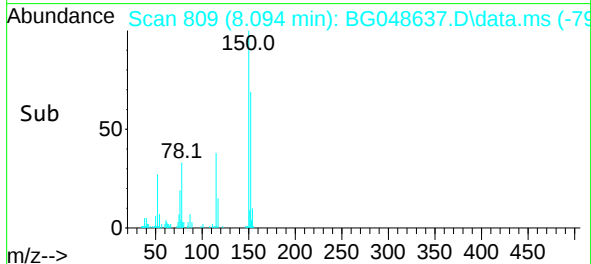
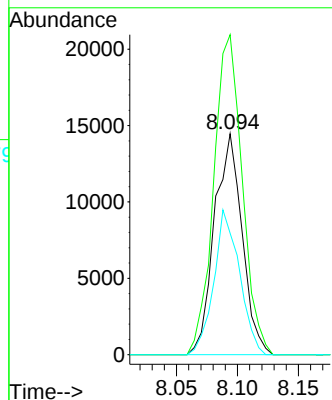
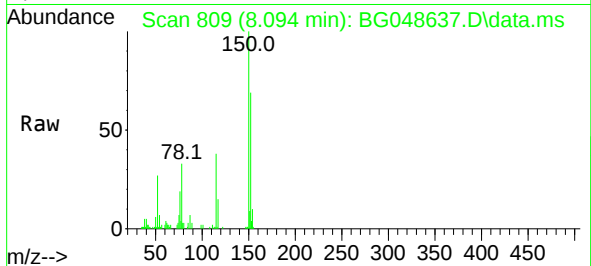




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.094 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

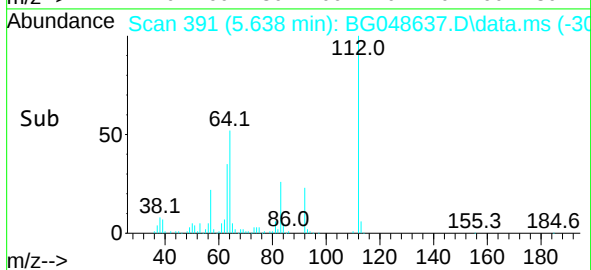
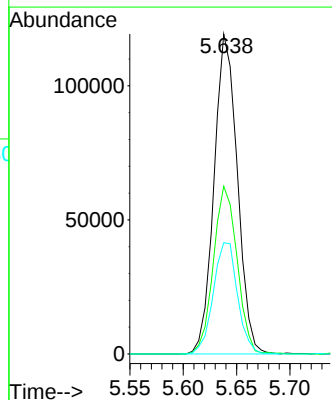
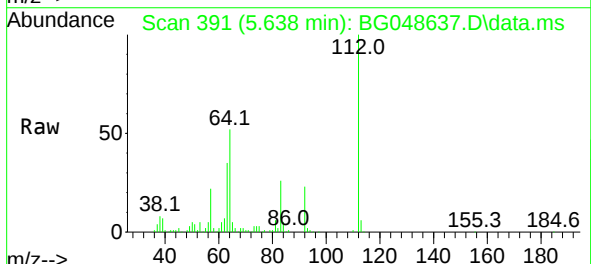
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

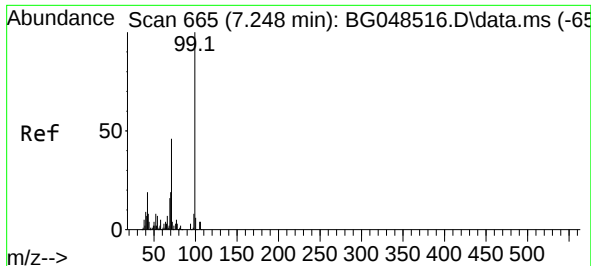
Tgt Ion:152 Resp: 22841
Ion Ratio Lower Upper
152 100
150 144.8 101.3 151.9
115 54.9 42.3 63.5



#5
2-Fluorophenol
Concen: 139.96 ng
RT: 5.638 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

Tgt Ion:112 Resp: 181068
Ion Ratio Lower Upper
112 100
64 52.4 50.4 75.6
63 34.8 31.4 47.2

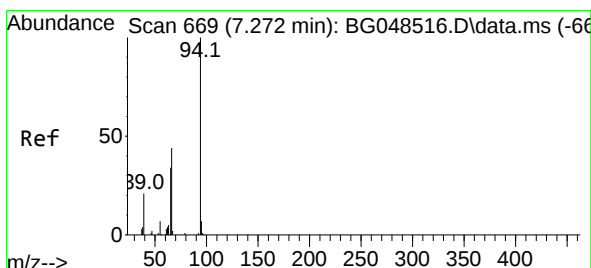
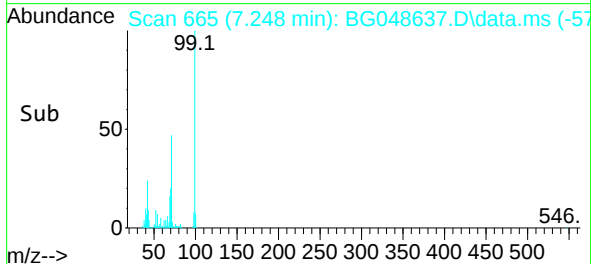
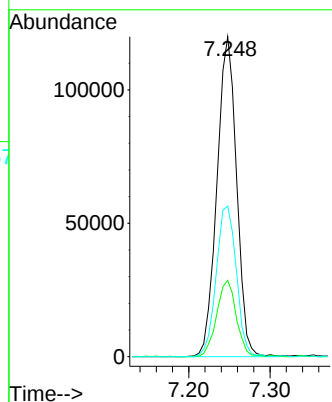
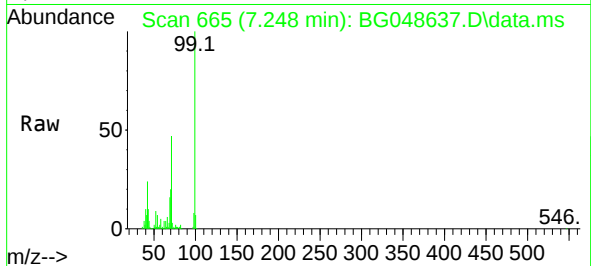




#7
Phenol-d6
Concen: 107.60 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.000 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

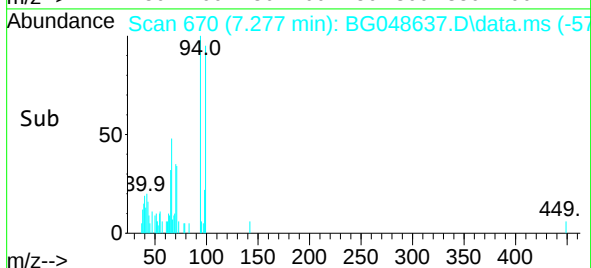
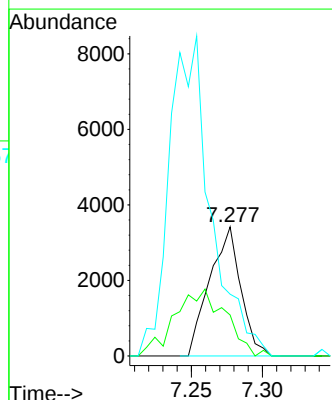
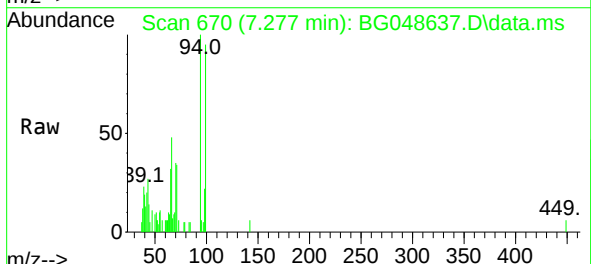
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

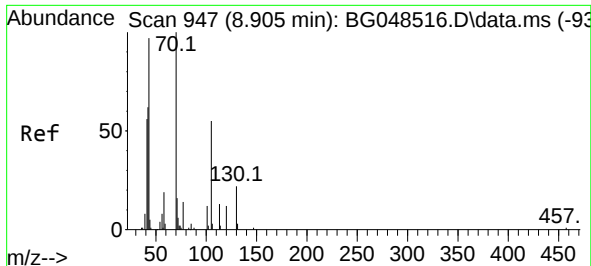
Tgt Ion: 99 Resp: 201883
Ion Ratio Lower Upper
99 100
42 23.9 15.5 23.3#
71 47.0 36.6 54.8



#10
Phenol
Concen: 2.77 ng
RT: 7.277 min Scan# 670
Delta R.T. 0.005 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

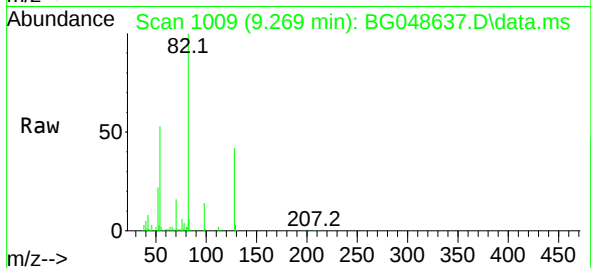
Tgt Ion: 94 Resp: 5210
Ion Ratio Lower Upper
94 100
65 31.8 15.1 55.1
66 47.9 28.9 68.9



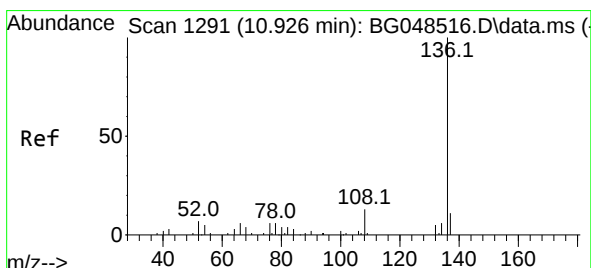
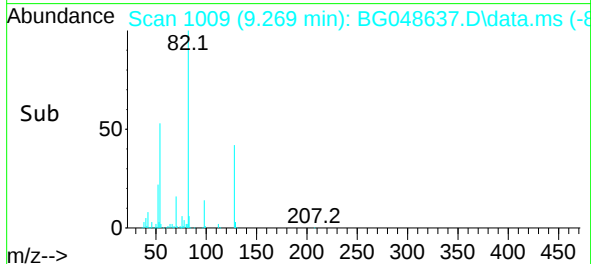
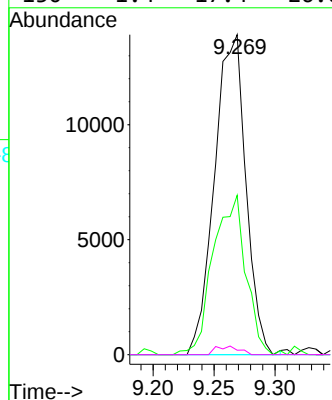


#19
n-Nitroso-di-n-propylamine
Concen: 19.26 ng
RT: 9.269 min Scan# 1009
Delta R.T. 0.364 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

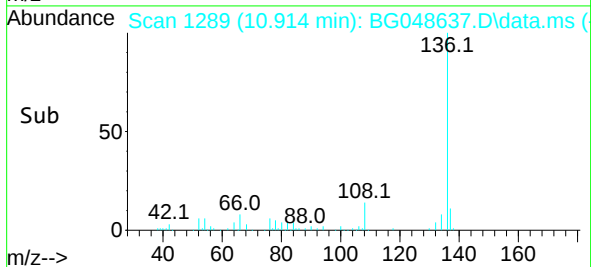
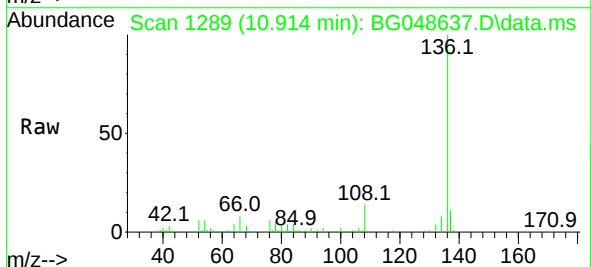
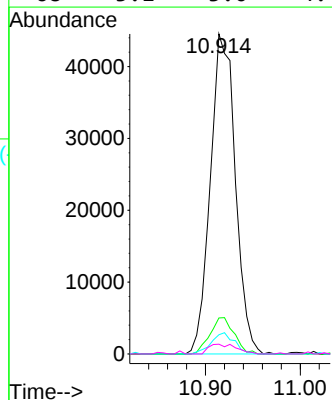


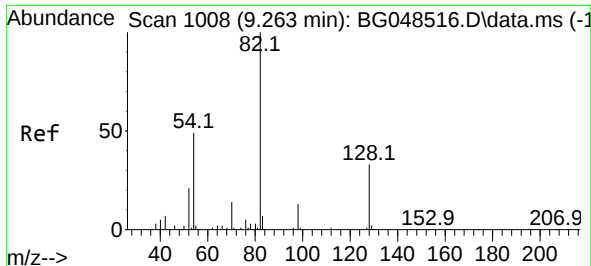
Tgt Ion: 70 Resp: 24904
Ion Ratio Lower Upper
70 100
42 49.8 50.8 76.2#
101 0.0 9.7 14.5#
130 1.4 17.4 26.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

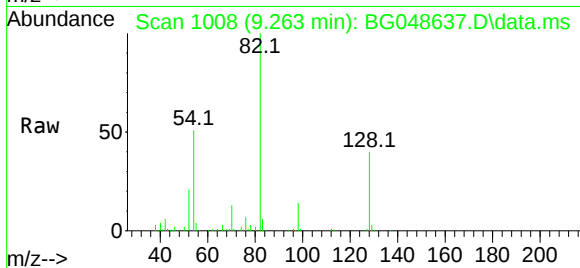
Tgt Ion: 136 Resp: 81525
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 6.0 4.2 6.4
68 3.1 3.0 4.4



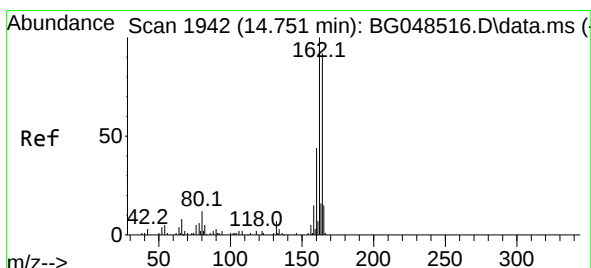
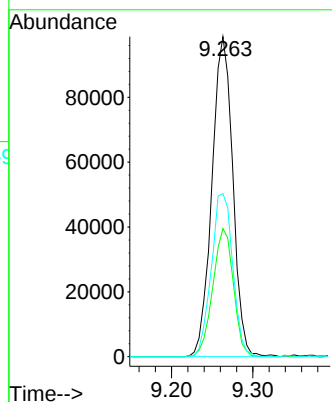
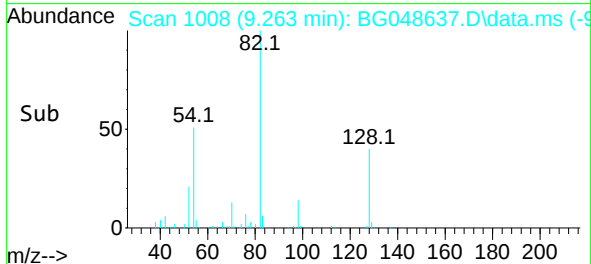


#23
Nitrobenzene-d5
Concen: 104.65 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

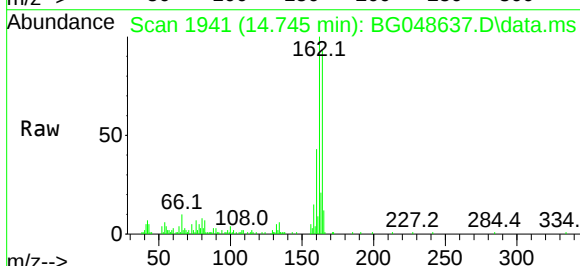
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ClientSampleId :
TR1-A-D-COMP



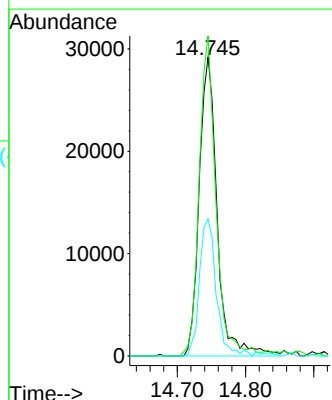
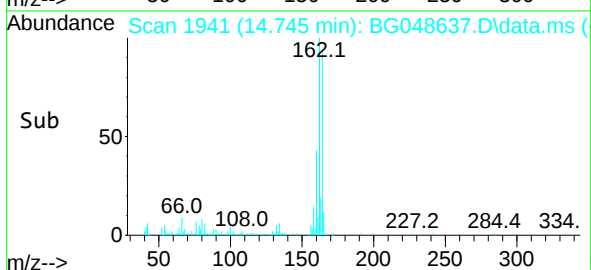
Tgt Ion: 82 Resp: 176213
Ion Ratio Lower Upper
82 100
128 40.1 26.2 39.4#
54 50.9 38.9 58.3

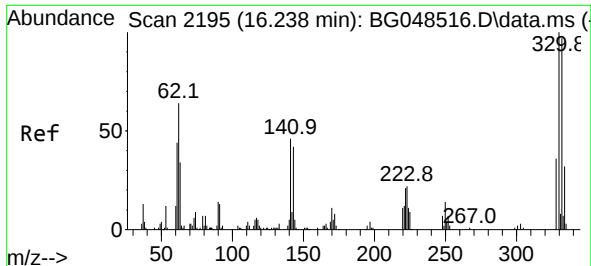


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35



Tgt Ion: 164 Resp: 53432
Ion Ratio Lower Upper
164 100
162 107.1 87.0 130.6
160 45.9 38.4 57.6

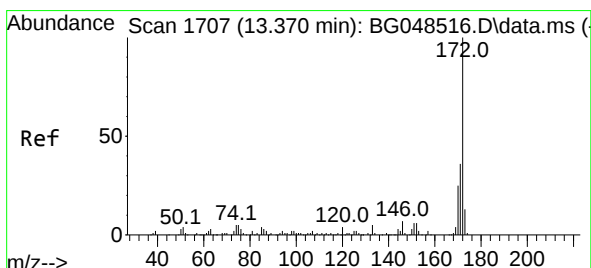
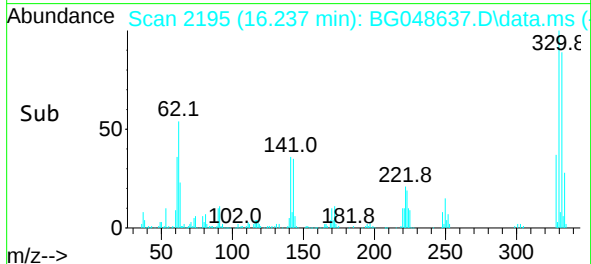
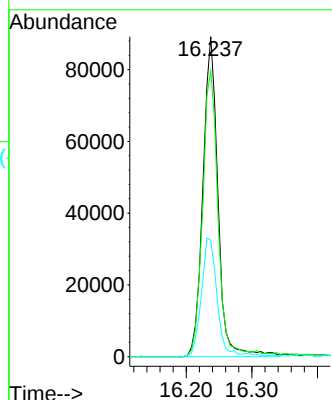
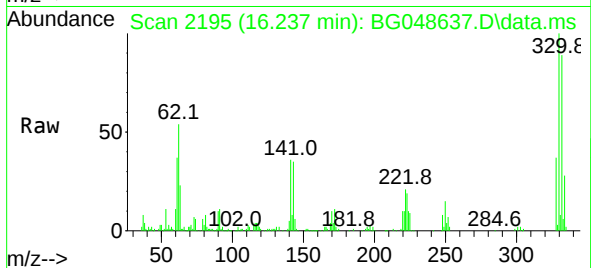




#42
2,4,6-Tribromophenol
Concen: 202.95 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

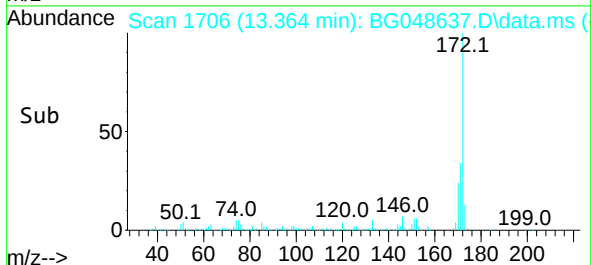
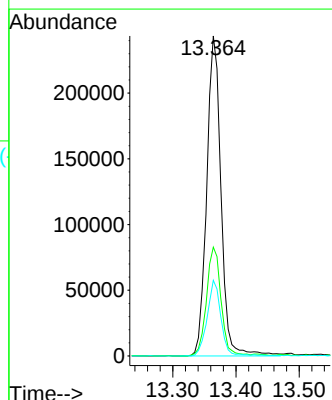
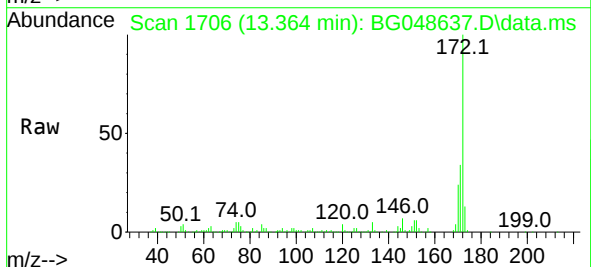
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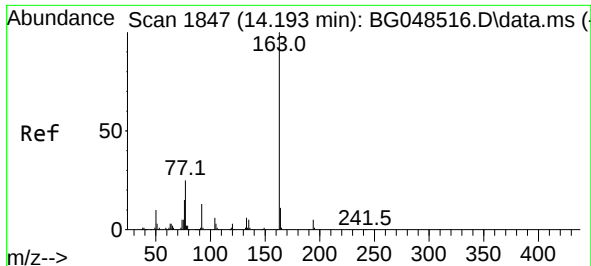
Tgt Ion:330 Resp: 142545
Ion Ratio Lower Upper
330 100
332 91.4 77.6 116.4
141 38.3 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 106.85 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

Tgt Ion:172 Resp: 384098
Ion Ratio Lower Upper
172 100
171 34.0 28.5 42.7
170 23.6 19.8 29.6

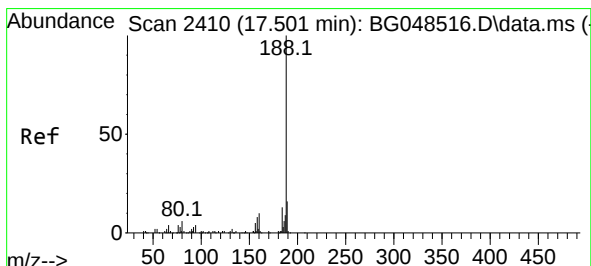
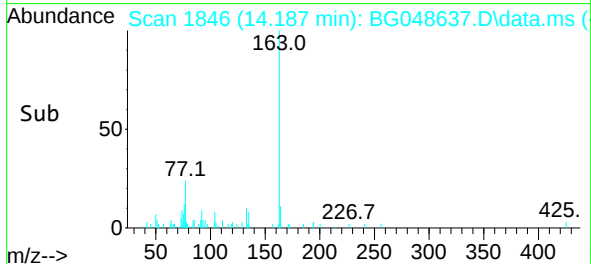
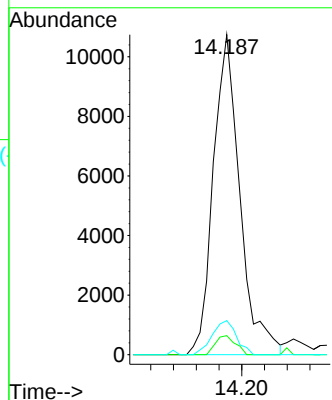
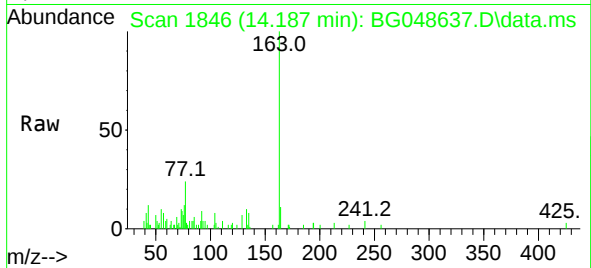




#50
Dimethylphthalate
Concen: 4.40 ng
RT: 14.187 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

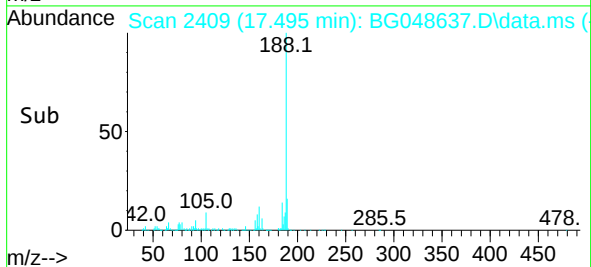
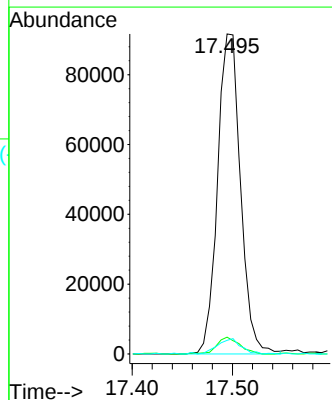
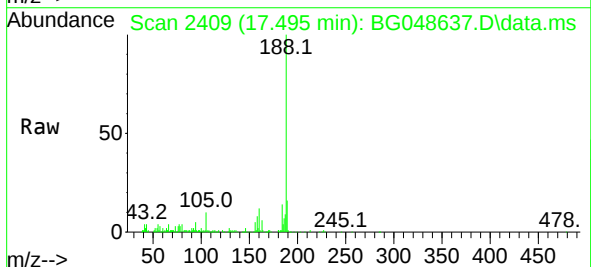
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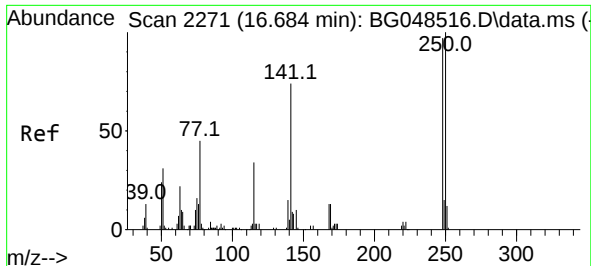
Tgt Ion:163 Resp: 17446
Ion Ratio Lower Upper
163 100
194 6.0 4.1 6.1
164 10.6 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.495 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

Tgt Ion:188 Resp: 145436
Ion Ratio Lower Upper
188 100
94 5.3 3.0 4.6#
80 4.2 4.5 6.7#

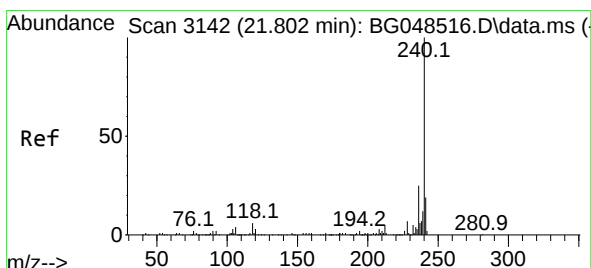
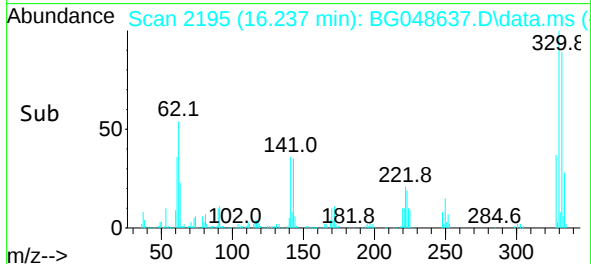
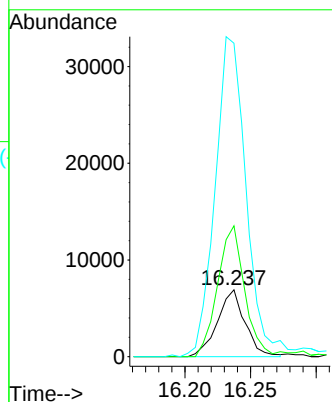
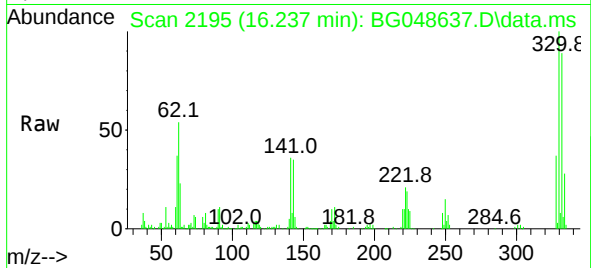




#67
4-Bromophenyl-phenylether
Concen: 6.28 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.447 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

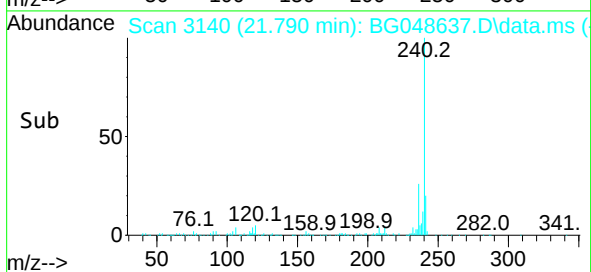
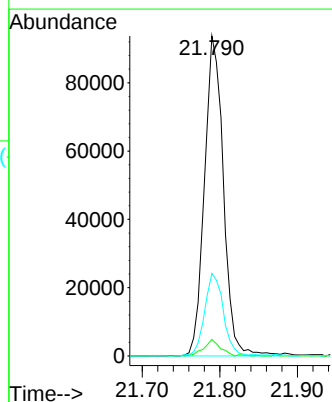
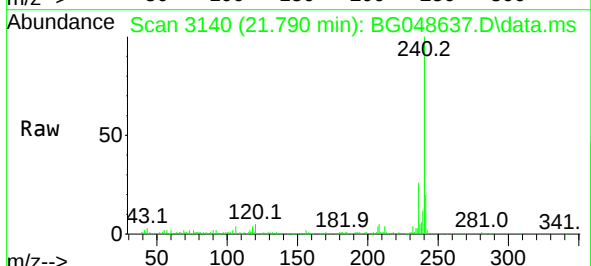
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

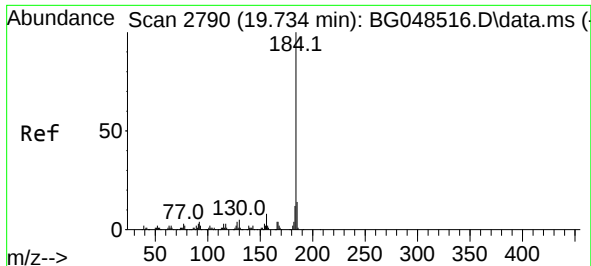
Tgt Ion:248 Resp: 10129
Ion Ratio Lower Upper
248 100
250 195.6 82.6 124.0#
141 468.3 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.790 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

Tgt Ion:240 Resp: 159028
Ion Ratio Lower Upper
240 100
120 5.1 2.6 3.8#
236 25.8 19.8 29.6

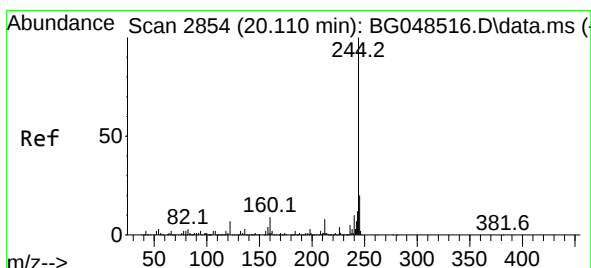
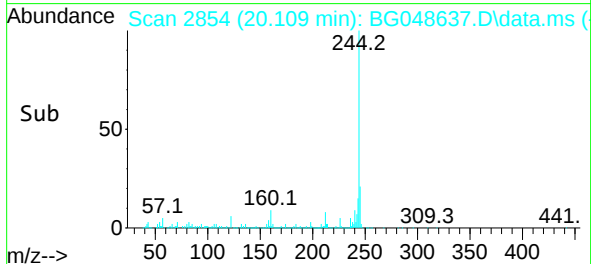
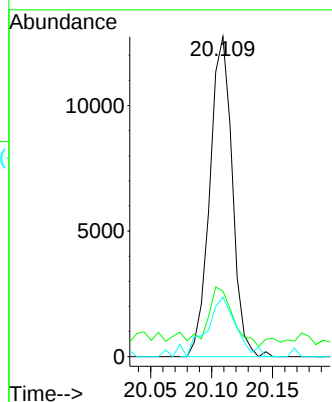
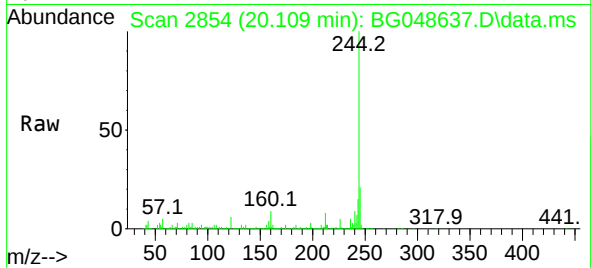




#77
Benzidine
Concen: 3.03 ng
RT: 20.109 min Scan# 2854
Delta R.T. 0.376 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

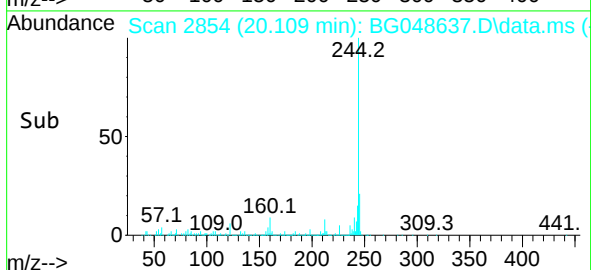
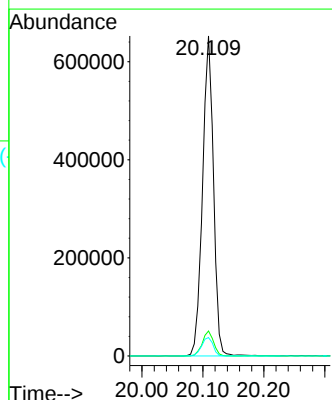
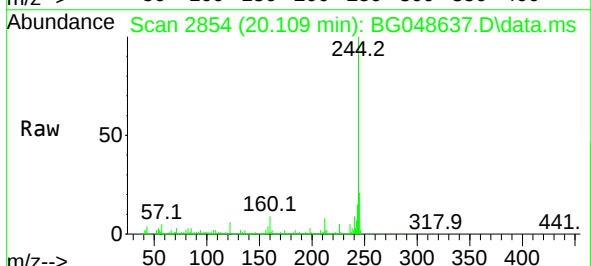
Instrument :
BNA_G
ClientSampleId :
TR1-A-D-COMP

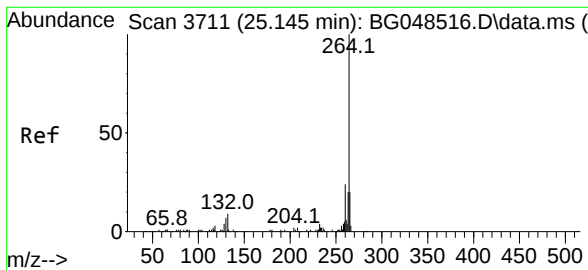
Tgt Ion:184 Resp: 16307
Ion Ratio Lower Upper
184 100
185 20.5 11.0 16.4#
183 18.6 9.2 13.8#



#79
Terphenyl-d14
Concen: 93.69 ng
RT: 20.109 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BG048637.D
Acq: 8 Apr 2021 13:35

Tgt Ion:244 Resp: 814740
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 5.8 5.8 8.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.133 min Scan# 3709
 Delta R.T. -0.012 min
 Lab File: BG048637.D
 Acq: 8 Apr 2021 13:35

Instrument :
 BNA_G
 ClientSampleId :
 TR1-A-D-COMP

Tgt Ion:264 Resp: 150713
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.7 16.1 24.1

