

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
 Data File : BG048638.D
 Acq On : 8 Apr 2021 14:15
 Operator : CG/JU
 Sample : M1964-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB16

Quant Time: Apr 08 14:53:46 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)

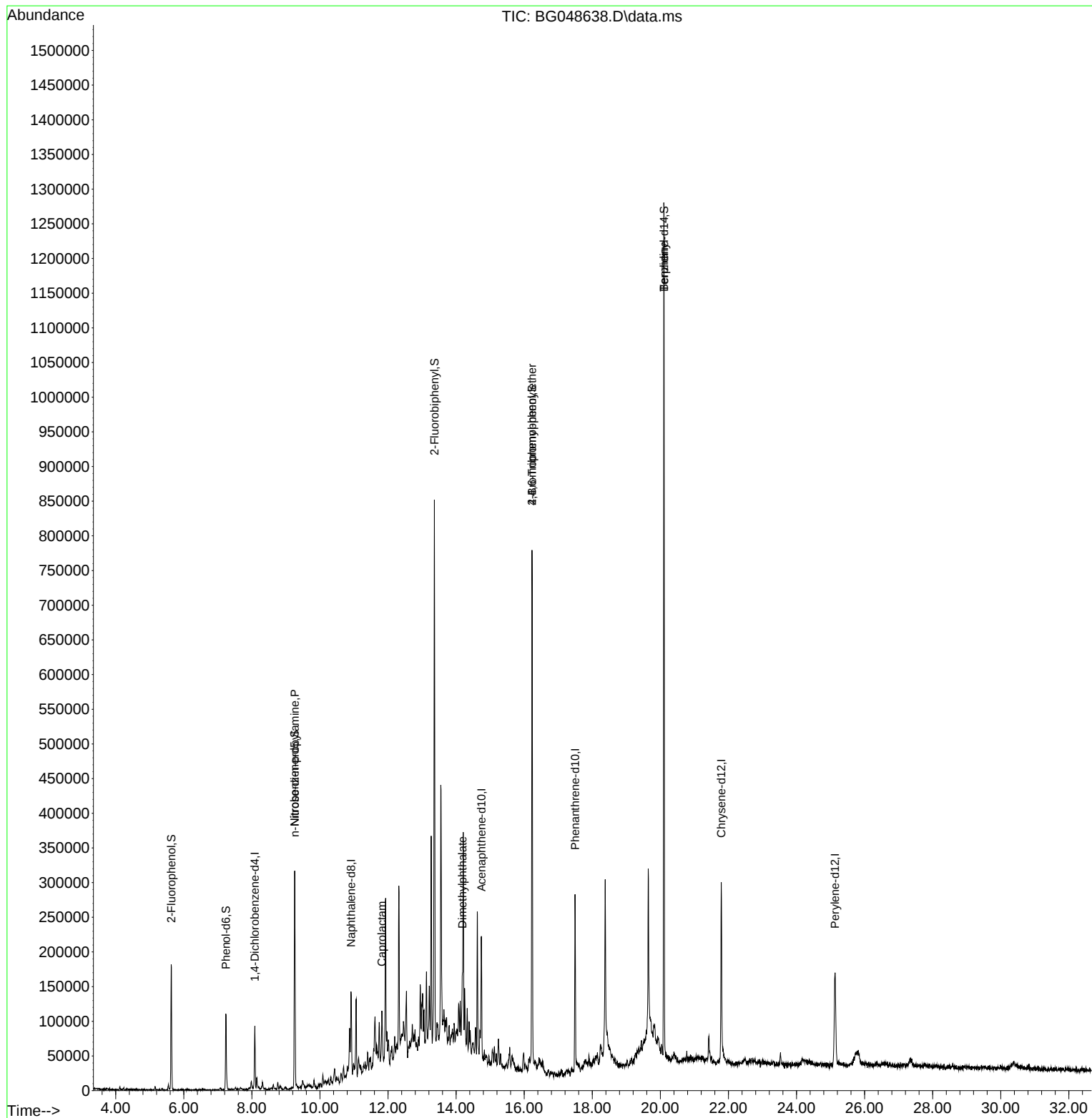
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	23975	20.00	ng	-0.01
21) Naphthalene-d8	10.914	136	87925	20.00	ng	#-0.01
39) Acenaphthene-d10	14.745	164	59394	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	158054	20.00	ng	# 0.00
76) Chrysene-d12	21.789	240	158905	20.00	ng	#-0.01
86) Perylene-d12	25.132	264	161513	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	74933	55.18	ng	0.00
7) Phenol-d6	7.236	99	58461	29.68	ng	-0.01
23) Nitrobenzene-d5	9.257	82	183554	101.07	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	137118	175.62	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	392333	98.18	ng	0.00
79) Terphenyl-d14	20.109	244	590320	67.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.263	70	28769	21.19	ng	# 69
35) Caprolactam	11.819	113	1336	2.51	ng	# 1
50) Dimethylphthalate	14.186	163	17601	3.99	ng	# 96
67) 4-Bromophenyl-phenylether	16.231	248	9795	5.59	ng	# 1
77) Benzidine	20.109	184	10818	2.01	ng	# 95

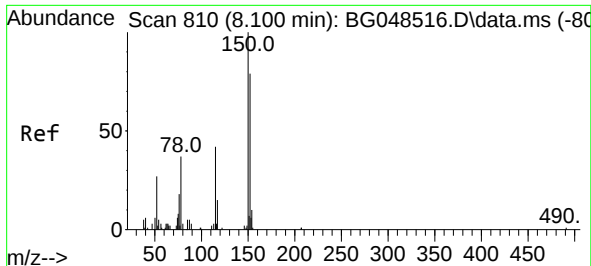
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040821\
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Quant Time: Apr 08 14:53:46 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

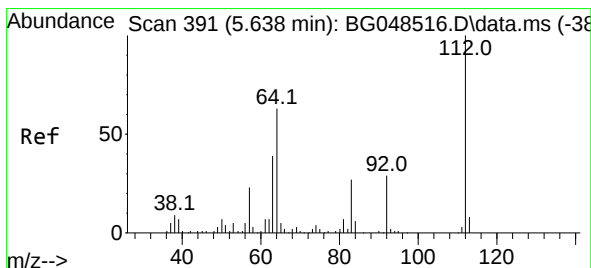
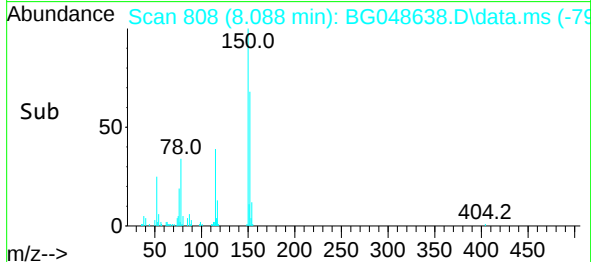
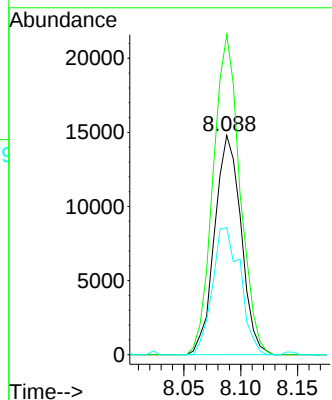
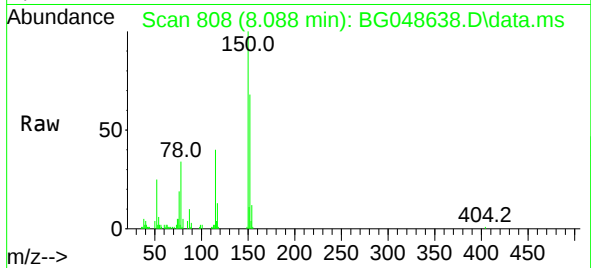




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 808
Delta R.T. -0.012 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

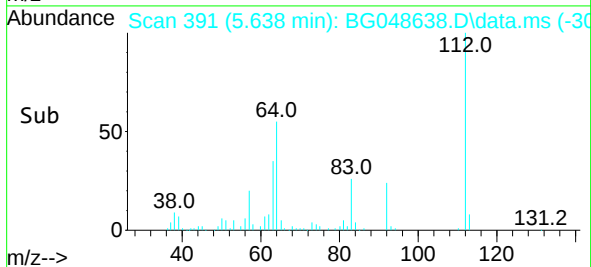
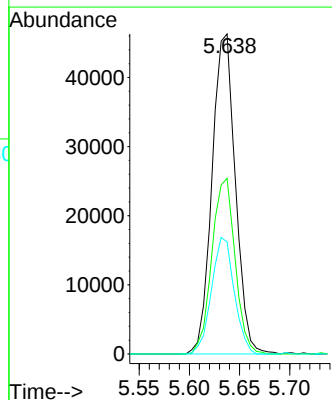
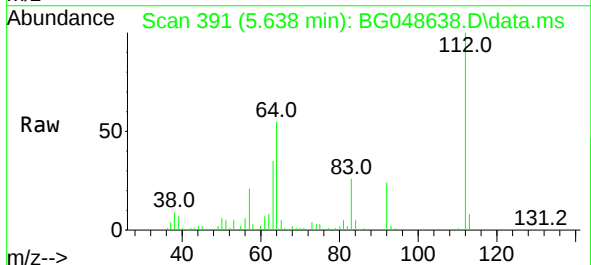
Instrument :
BNA_G
ClientSampleId :
FS-SB16

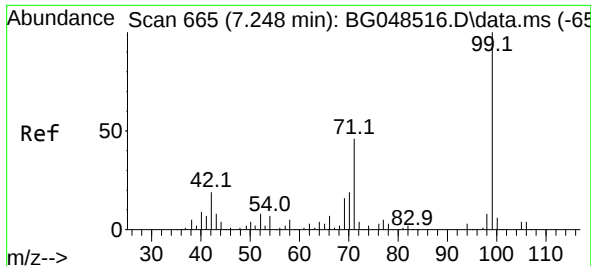
Tgt Ion:152 Resp: 23975
Ion Ratio Lower Upper
152 100
150 146.0 101.3 151.9
115 57.9 42.3 63.5



#5
2-Fluorophenol
Concen: 55.18 ng
RT: 5.638 min Scan# 391
Delta R.T. -0.001 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

Tgt Ion:112 Resp: 74933
Ion Ratio Lower Upper
112 100
64 54.8 50.4 75.6
63 35.0 31.4 47.2

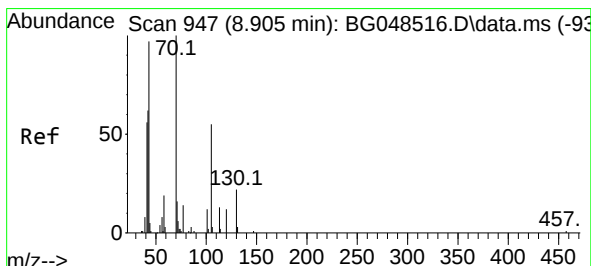
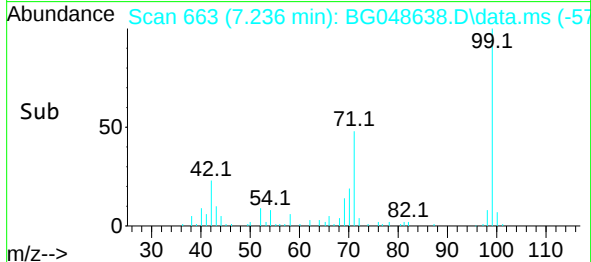
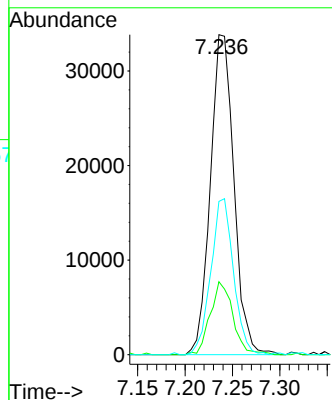
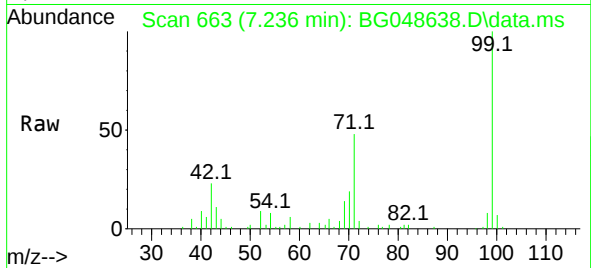




#7
Phenol-d6
Concen: 29.68 ng
RT: 7.236 min Scan# 663
Delta R.T. -0.013 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

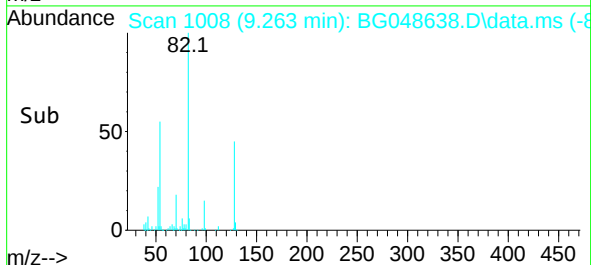
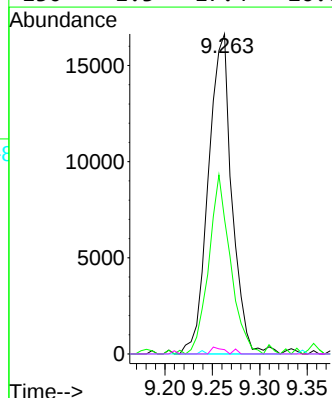
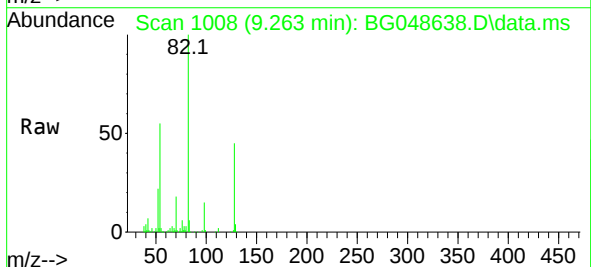
Instrument :
BNA_G
ClientSampleId :
FS-SB16

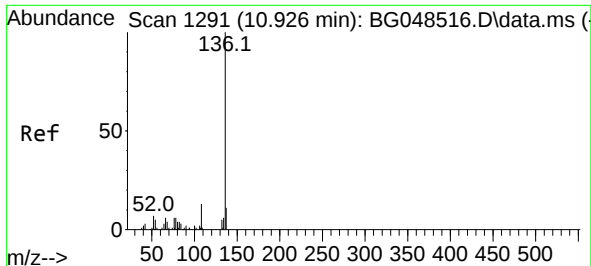
Tgt Ion: 99 Resp: 58461
Ion Ratio Lower Upper
99 100
42 22.8 15.5 23.3
71 47.9 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.19 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.358 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

Tgt Ion: 70 Resp: 28769
Ion Ratio Lower Upper
70 100
42 42.1 50.8 76.2#
101 0.0 9.7 14.5#
130 1.3 17.4 26.0#

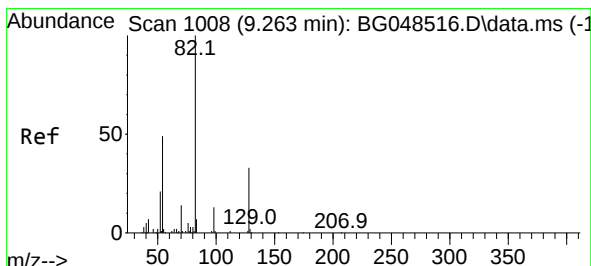
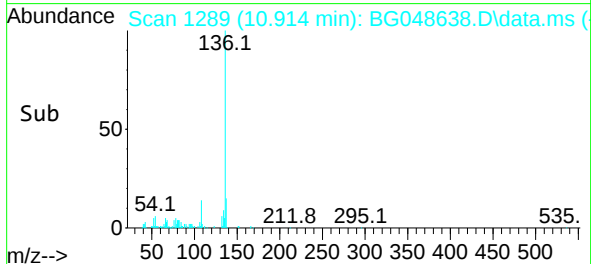
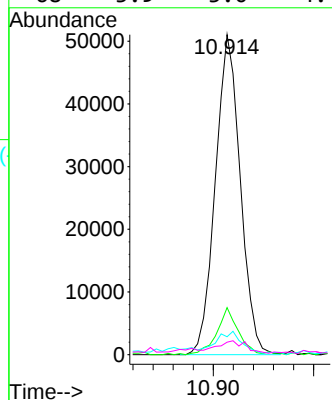
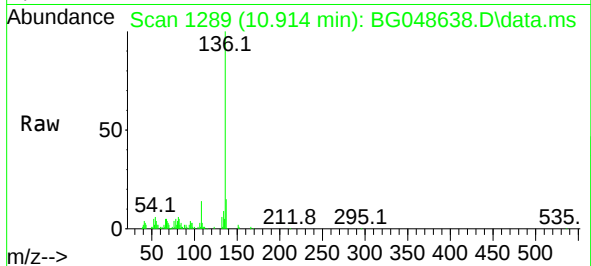




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.013 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

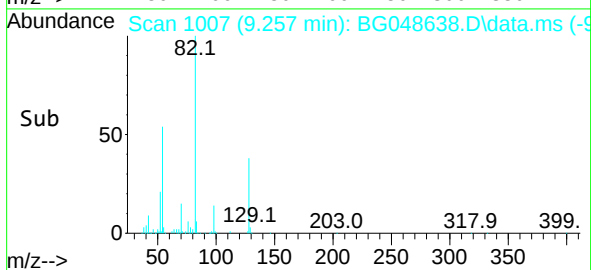
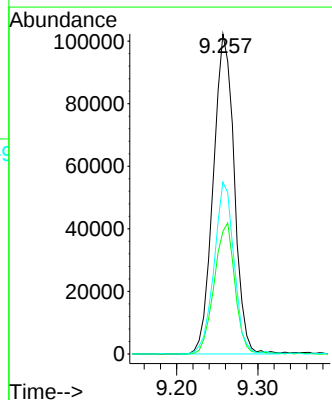
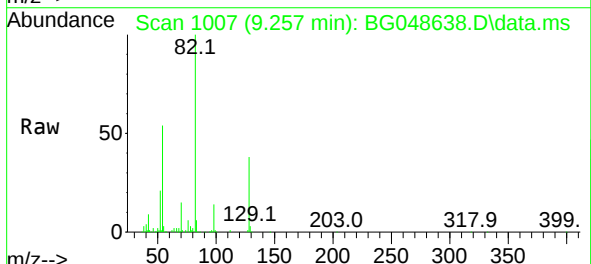
Instrument :
BNA_G
ClientSampleId :
FS-SB16

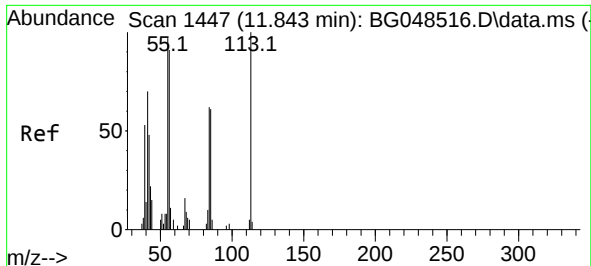
Tgt Ion:136	Resp:	87925
Ion Ratio	Lower	Upper
136	100	
137	14.7	8.6 12.8#
54	5.6	4.2 6.4
68	3.9	3.0 4.4



#23
Nitrobenzene-d5
Concen: 101.07 ng
RT: 9.257 min Scan# 1007
Delta R.T. -0.007 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

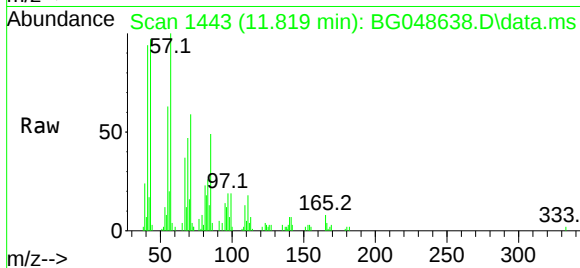
Tgt Ion: 82	Resp:	183554
Ion Ratio	Lower	Upper
82	100	
128	38.3	26.2 39.4
54	53.7	38.9 58.3



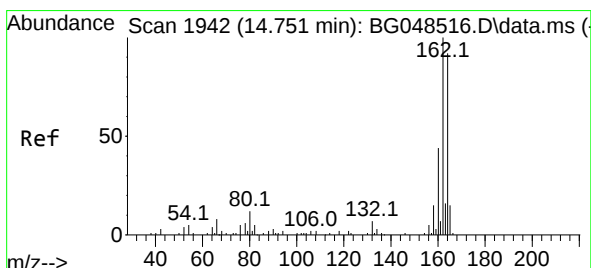
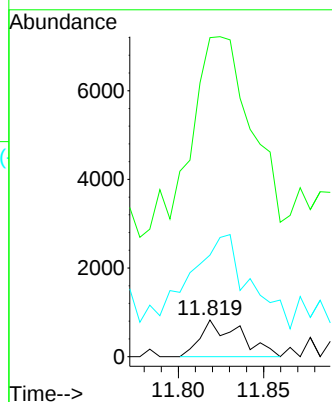
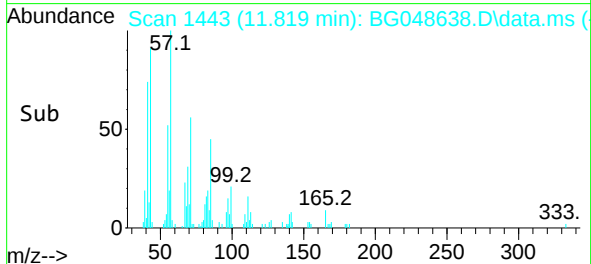


#35
 Caprolactam
 Concen: 2.51 ng
 RT: 11.819 min Scan# 1443
 Delta R.T. -0.024 min
 Lab File: BG048638.D
 Acq: 8 Apr 2021 14:15

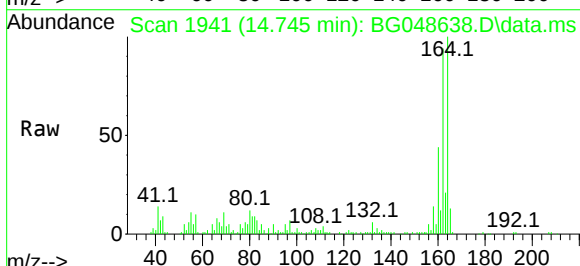
Instrument :
 BNA_G
 ClientSampled :
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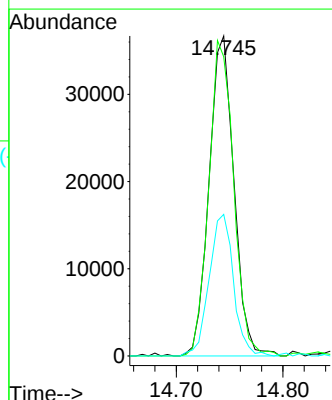
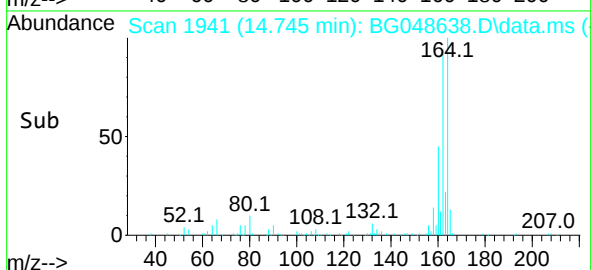
Tgt Ion:113 Resp: 1336
 Ion Ratio Lower Upper
 113 100
 55 870.3 76.8 116.8#
 56 277.1 71.1 111.1#

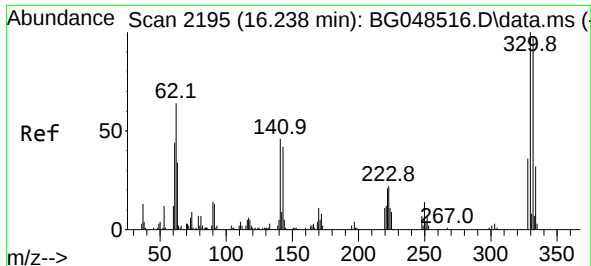


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.745 min Scan# 1941
 Delta R.T. -0.007 min
 Lab File: BG048638.D
 Acq: 8 Apr 2021 14:15



Tgt Ion:164 Resp: 59394
 Ion Ratio Lower Upper
 164 100
 162 93.5 87.0 130.6
 160 44.3 38.4 57.6

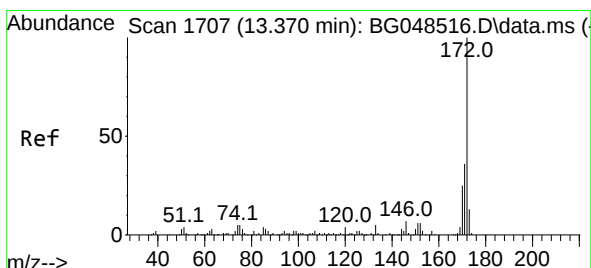
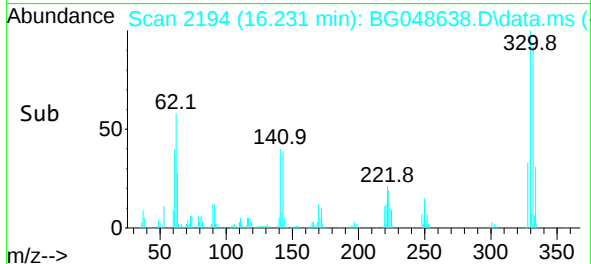
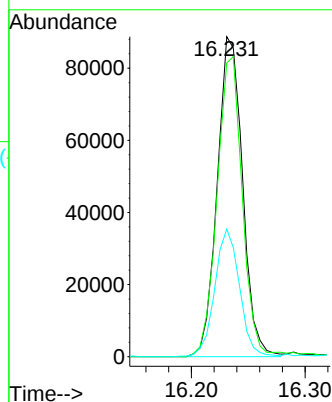
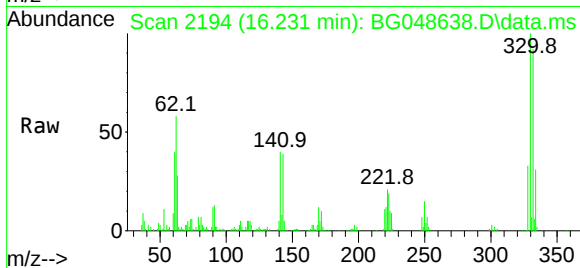




#42
2,4,6-Tribromophenol
Concen: 175.62 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

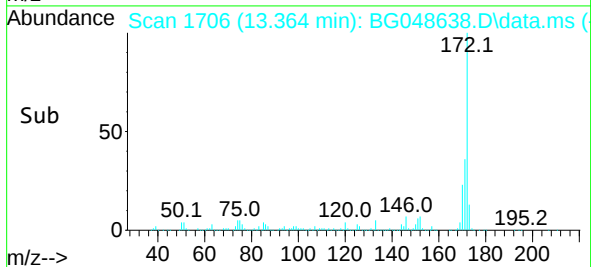
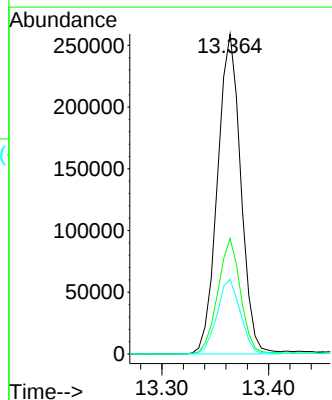
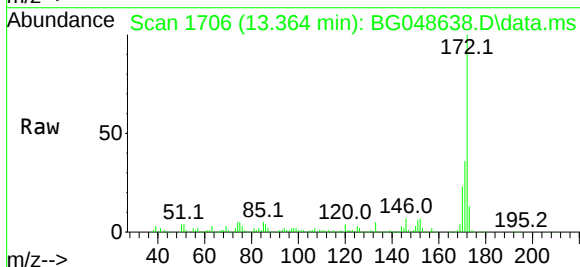
Instrument :
BNA_G
ClientSampled :
FS-SB16

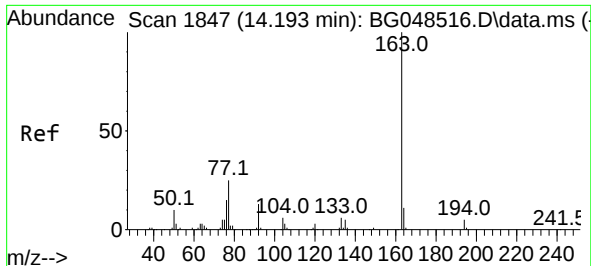
Tgt Ion:330 Resp: 137118
Ion Ratio Lower Upper
330 100
332 94.9 77.6 116.4
141 39.0 34.6 52.0



#45
2-Fluorobiphenyl
Concen: 98.18 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

Tgt Ion:172 Resp: 392333
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.3 19.8 29.6

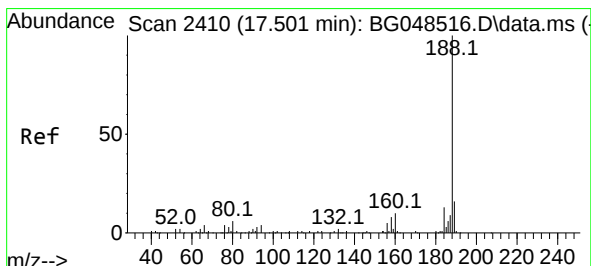
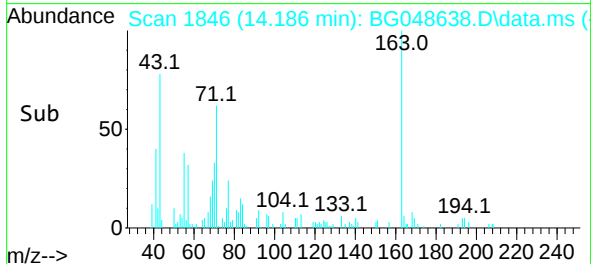
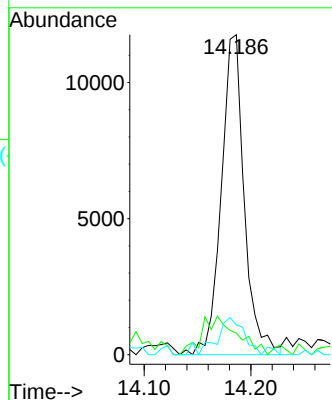
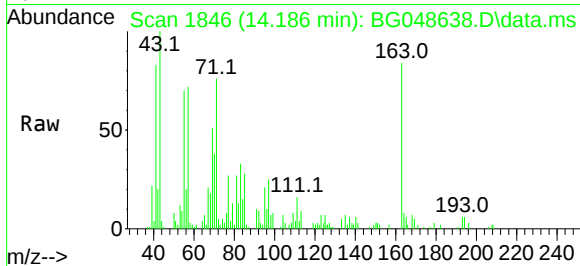




#50
Dimethylphthalate
Concen: 3.99 ng
RT: 14.186 min Scan# 1846
Delta R.T. -0.007 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

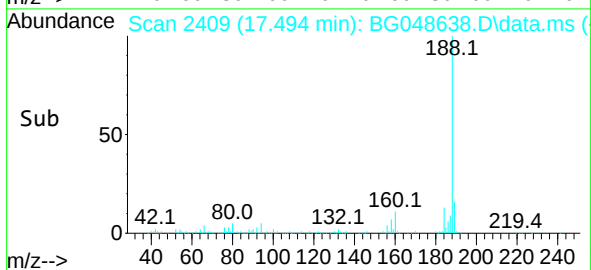
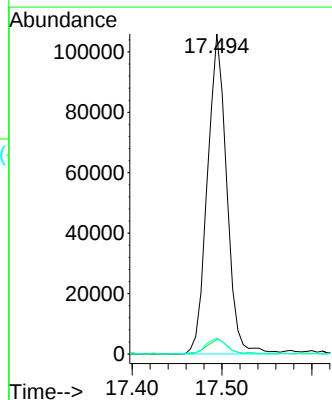
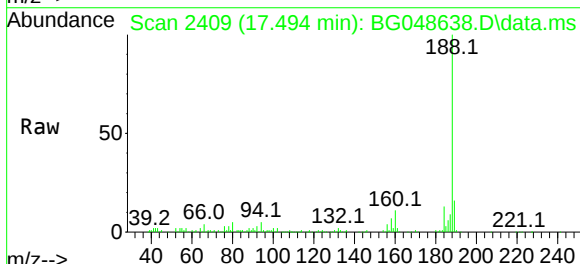
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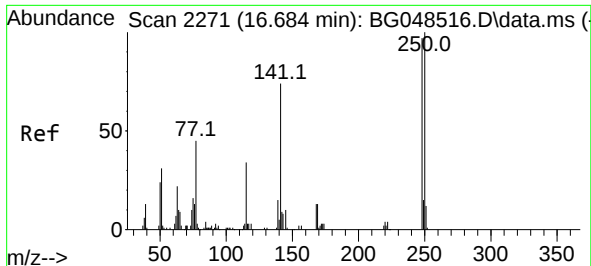
Tgt Ion:163 Resp: 17601
Ion Ratio Lower Upper
163 100
194 6.8 4.1 6.1#
164 9.3 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

Tgt Ion:188 Resp: 158054
Ion Ratio Lower Upper
188 100
94 4.6 3.0 4.6#
80 4.9 4.5 6.7

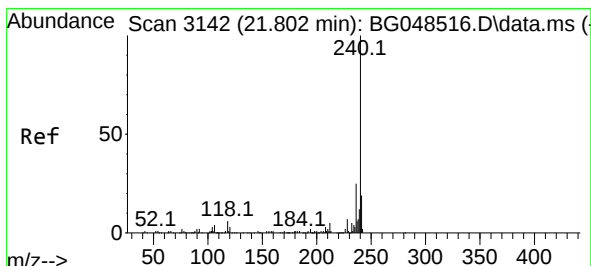
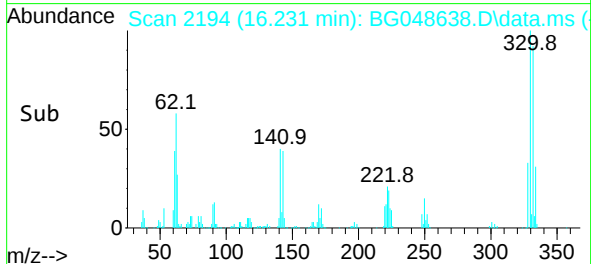
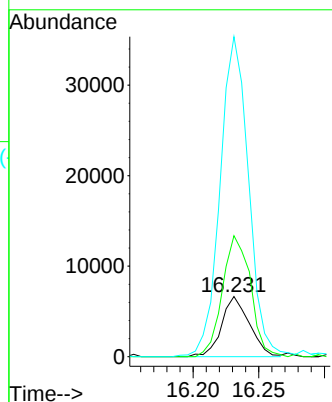
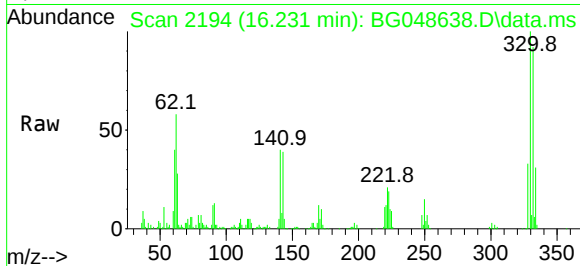




#67
4-Bromophenyl-phenylether
Concen: 5.59 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

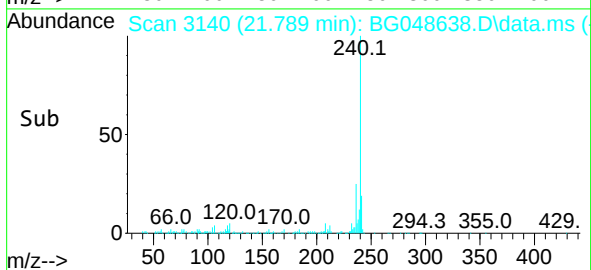
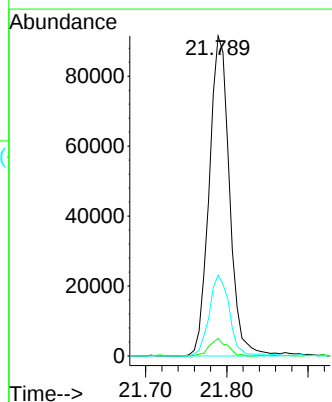
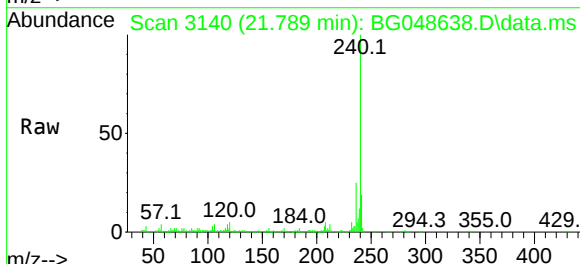
Instrument :
BNA_G
ClientSampleId :
FS-SB16

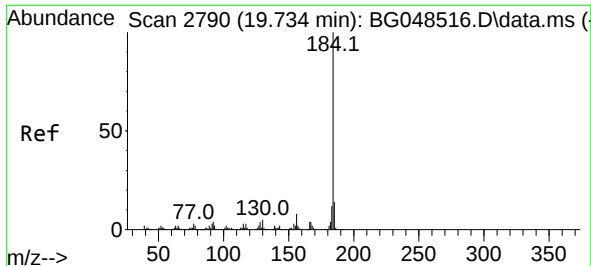
Tgt Ion:248 Resp: 9795
Ion Ratio Lower Upper
248 100
250 200.8 82.6 124.0#
141 531.3 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.789 min Scan# 3140
Delta R.T. -0.013 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

Tgt Ion:240 Resp: 158905
Ion Ratio Lower Upper
240 100
120 5.5 2.6 3.8#
236 25.3 19.8 29.6

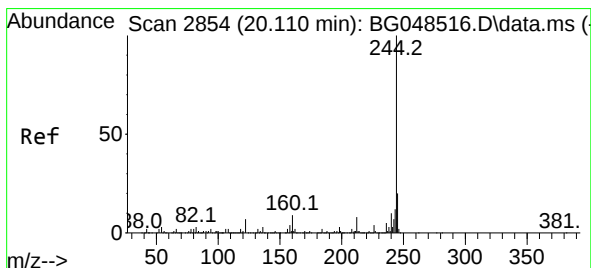
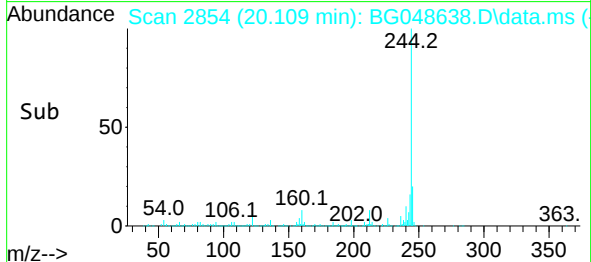
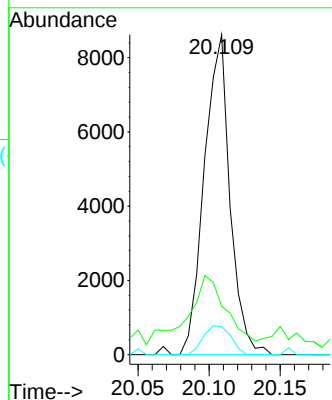
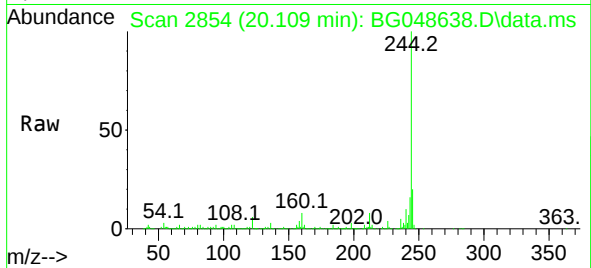




#77
Benzidine
Concen: 2.01 ng
RT: 20.109 min Scan# 2854
Delta R.T. 0.375 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

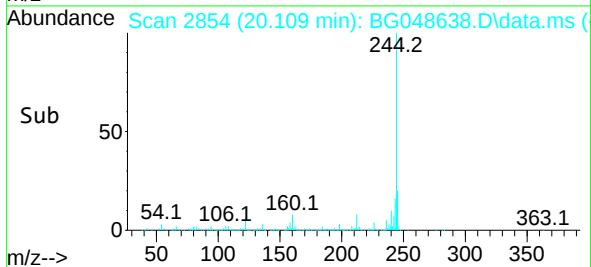
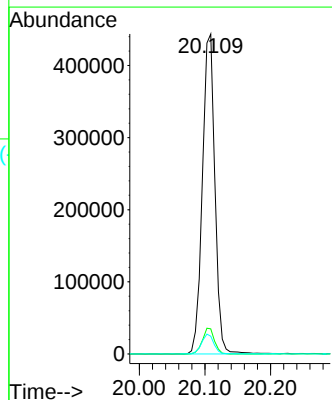
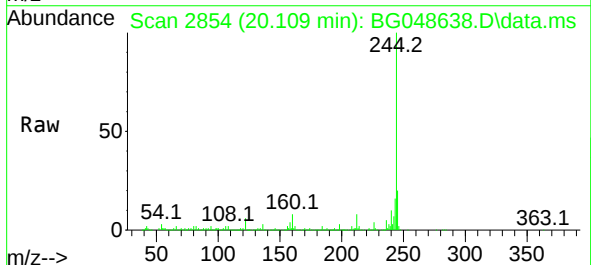
Instrument :
BNA_G
ClientSampleId :
FS-SB16

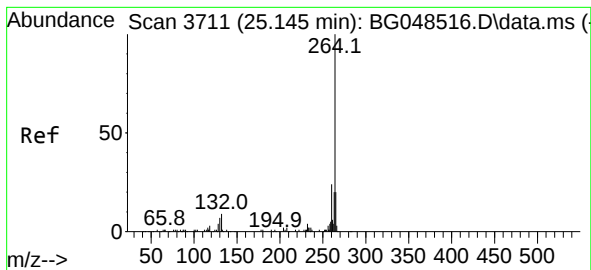
Tgt Ion:184 Resp: 10818
Ion Ratio Lower Upper
184 100
185 15.1 11.0 16.4
183 8.8 9.2 13.8#



#79
Terphenyl-d14
Concen: 67.94 ng
RT: 20.109 min Scan# 2854
Delta R.T. -0.001 min
Lab File: BG048638.D
Acq: 8 Apr 2021 14:15

Tgt Ion:244 Resp: 590320
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 5.5 5.8 8.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.132 min Scan# 3709
 Delta R.T. -0.013 min
 Lab File: BG048638.D
 Acq: 8 Apr 2021 14:15

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB16

Tgt Ion:264 Resp: 161513
 Ion Ratio Lower Upper
 264 100
 260 21.5 19.1 28.7
 265 18.2 16.1 24.1

