

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048628.D
 Acq On : 7 Apr 2021 22:24
 Operator : CG/JU
 Sample : M1949-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CA-1

Quant Time: Apr 08 03:36:16 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)

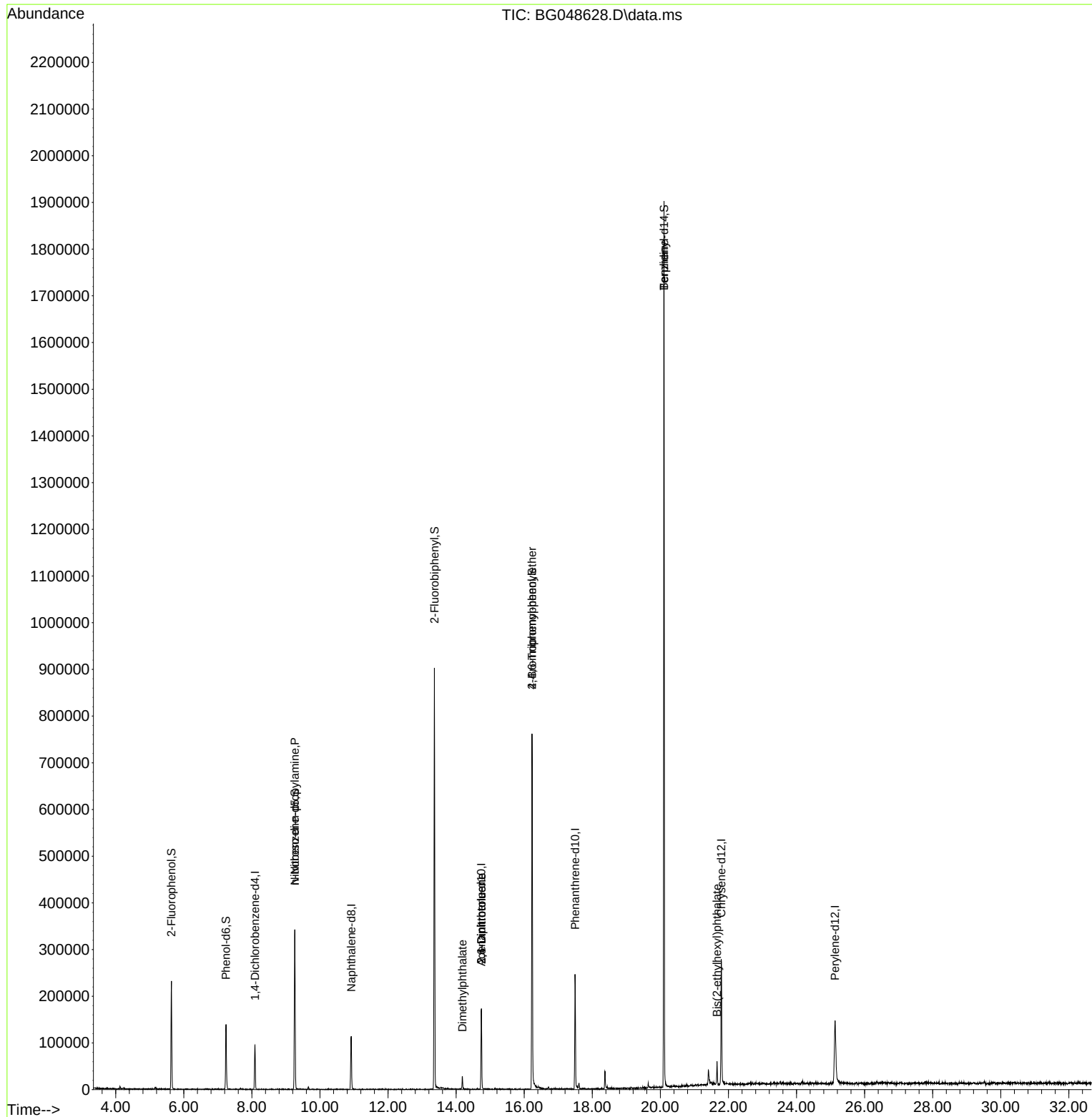
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	24580	20.00	ng	# 0.00
21) Naphthalene-d8	10.920	136	97179	20.00	ng	0.00
39) Acenaphthene-d10	14.739	164	64610	20.00	ng	-0.01
64) Phenanthrene-d10	17.494	188	162967	20.00	ng	# 0.00
76) Chrysene-d12	21.795	240	174793	20.00	ng	0.00
86) Perylene-d12	25.126	264	165506	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	92741	66.61	ng	0.00
7) Phenol-d6	7.242	99	71750	35.53	ng	0.00
23) Nitrobenzene-d5	9.263	82	196756	98.02	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	140640	165.59	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	454337	104.52	ng	0.00
79) Terphenyl-d14	20.109	244	877981	91.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.263	70	30033	21.58	ng	# 77
50) Dimethylphthalate	14.186	163	16772	3.50	ng	# 96
51) 2,6-Dinitrotoluene	14.744	165	8786	8.01	ng	# 20
57) 2,4-Dinitrotoluene	14.744	165	8786	5.66	ng	# 25
67) 4-Bromophenyl-phenylether	16.231	248	9690	5.36	ng	# 1
77) Benzidine	20.109	184	16303	2.75	ng	96
84) Bis(2-ethylhexyl)phtha...	21.666	149	20143	3.24	ng	98

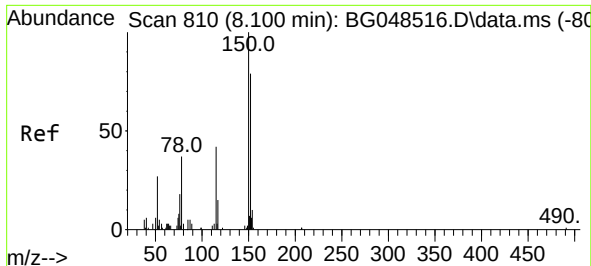
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 08 03:36:16 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

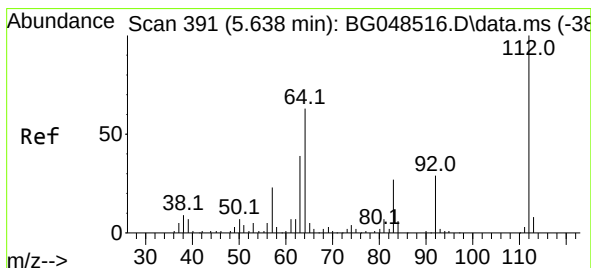
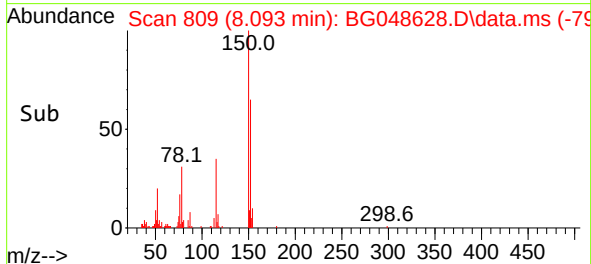
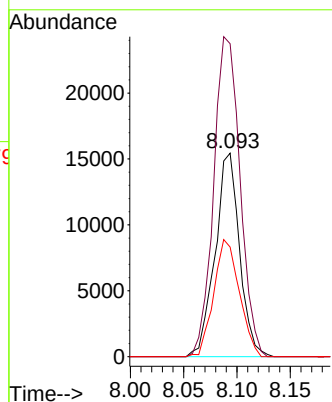
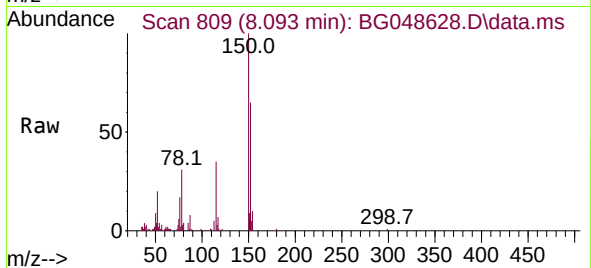




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.093 min Scan# 809
Delta R.T. -0.007 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

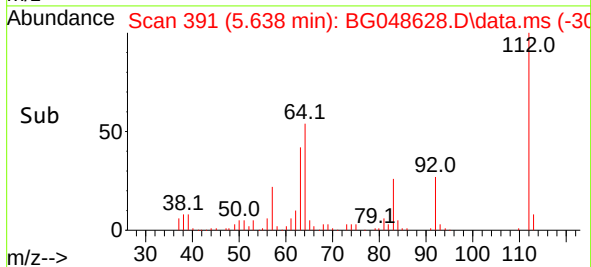
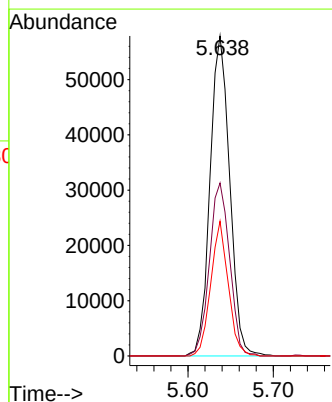
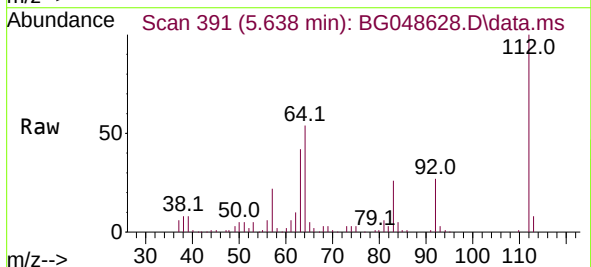
Instrument :
BNA_G
ClientSampleId :
CA-1

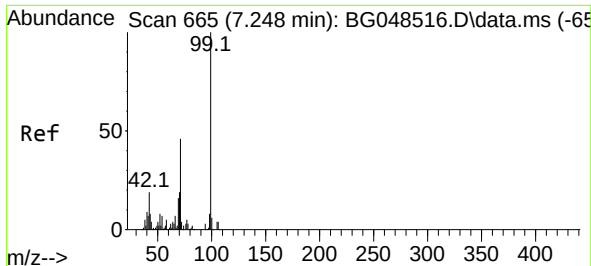
Tgt Ion:152 Resp: 24580
Ion Ratio Lower Upper
152 100
150 153.8 101.3 151.9#
115 53.8 42.3 63.5



#5
2-Fluorophenol
Concen: 66.61 ng
RT: 5.638 min Scan# 391
Delta R.T. -0.001 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

Tgt Ion:112 Resp: 92741
Ion Ratio Lower Upper
112 100
64 54.0 50.4 75.6
63 42.1 31.4 47.2

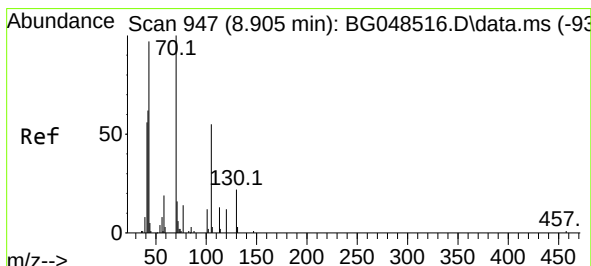
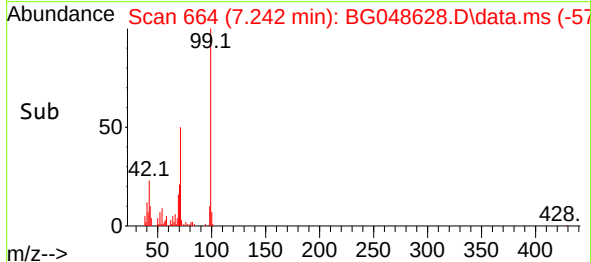
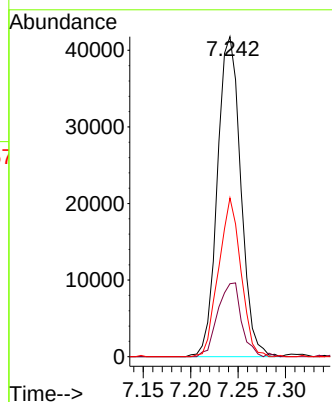
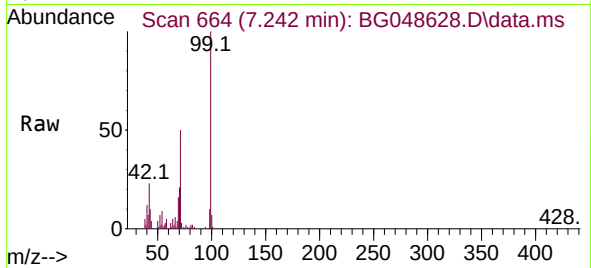




#7
Phenol-d6
Concen: 35.53 ng
RT: 7.242 min Scan# 664
Delta R.T. -0.007 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

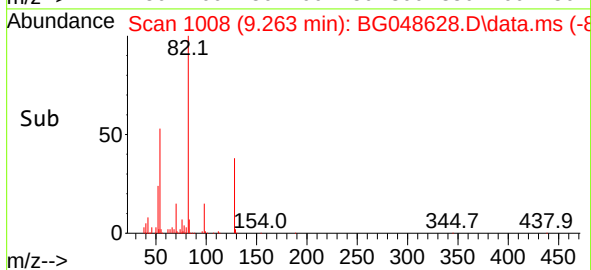
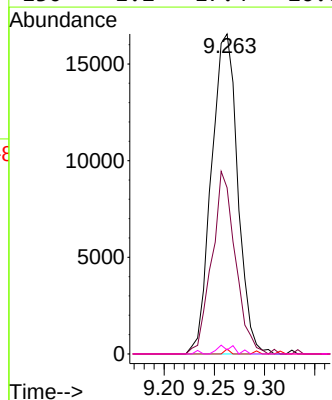
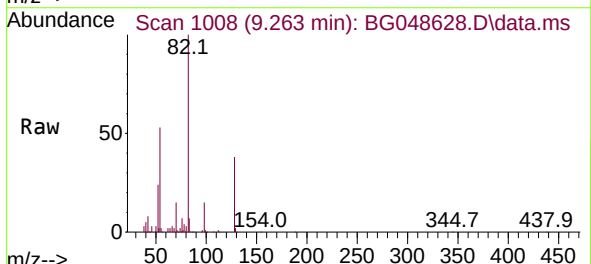
Instrument :
BNA_G
ClientSampleId :
CA-1

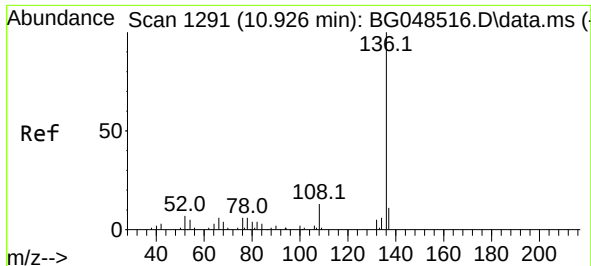
Tgt Ion: 99 Resp: 71750
Ion Ratio Lower Upper
99 100
42 22.8 15.5 23.3
71 49.6 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.58 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.358 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

Tgt Ion: 70 Resp: 30033
Ion Ratio Lower Upper
70 100
42 51.9 50.8 76.2
101 1.6 9.7 14.5#
130 1.2 17.4 26.0#

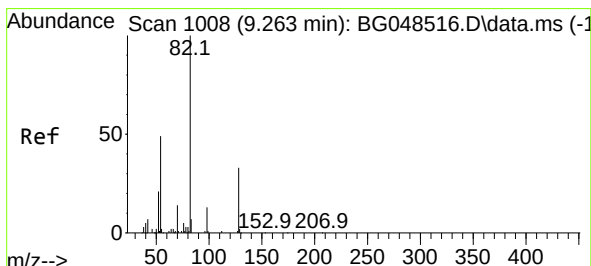
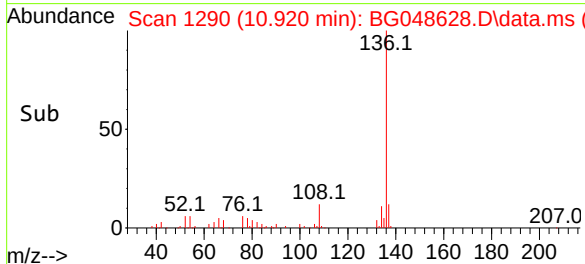
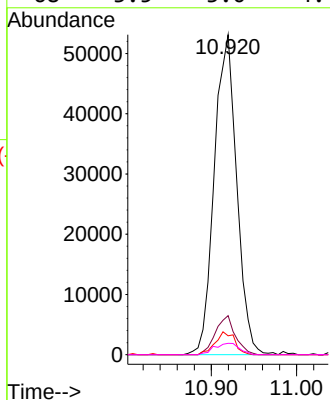
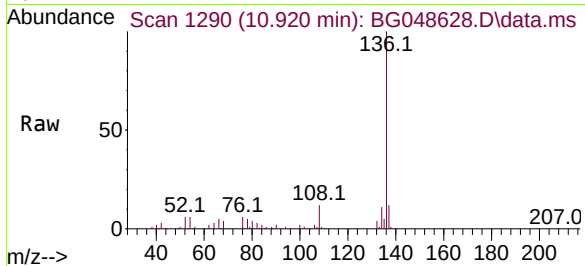




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.007 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

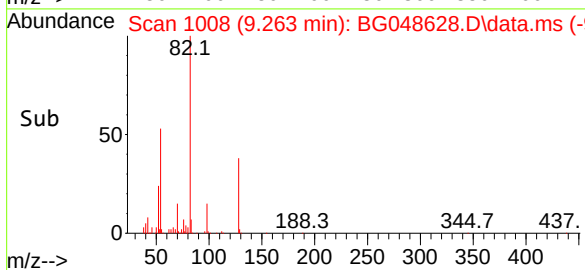
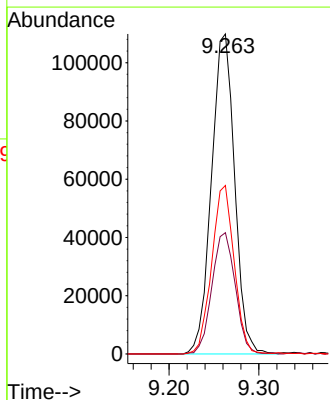
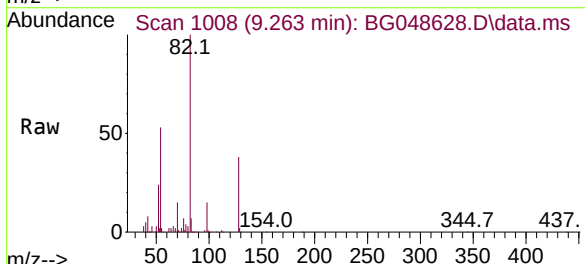
Instrument :
BNA_G
ClientSampleId :
CA-1

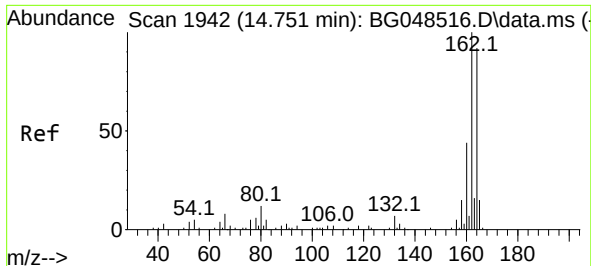
Tgt Ion:	136	Resp:	97179
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.6	12.8
54	5.9	4.2	6.4
68	3.5	3.0	4.4



#23
Nitrobenzene-d5
Concen: 98.02 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

Tgt Ion:	82	Resp:	196756
Ion Ratio	Lower	Upper	
82	100		
128	37.9	26.2	39.4
54	52.7	38.9	58.3

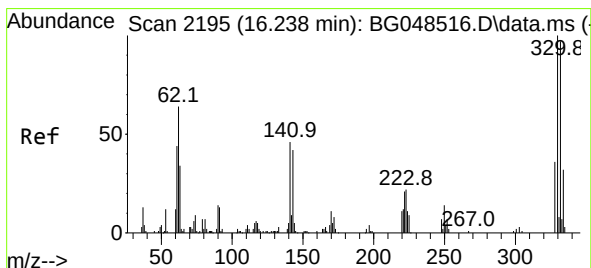
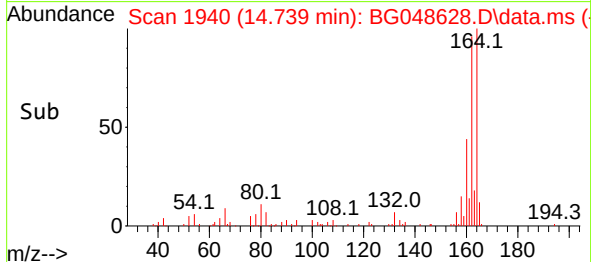
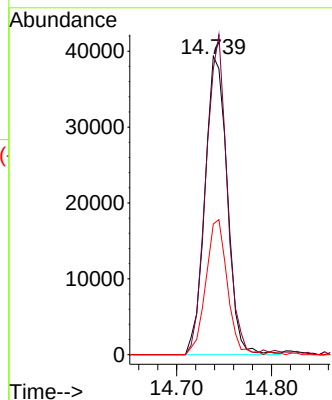
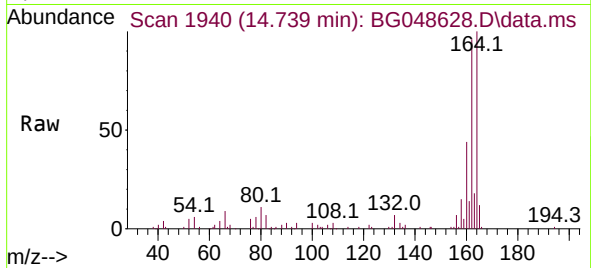




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. -0.013 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

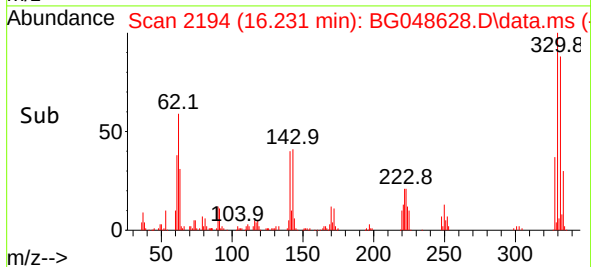
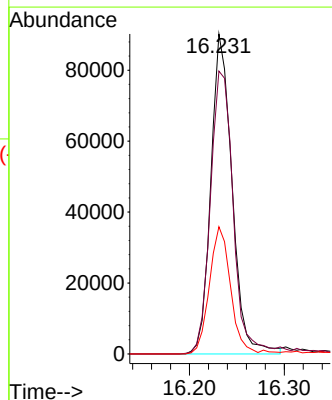
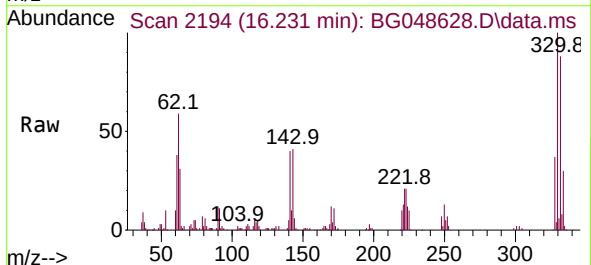
Instrument :
BNA_G
ClientSampled :
CA-1

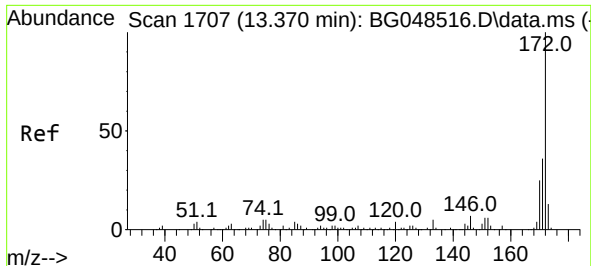
Tgt Ion:164 Resp: 64610
Ion Ratio Lower Upper
164 100
162 95.7 87.0 130.6
160 43.8 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 165.59 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.007 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

Tgt Ion:330 Resp: 140640
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 39.3 34.6 52.0

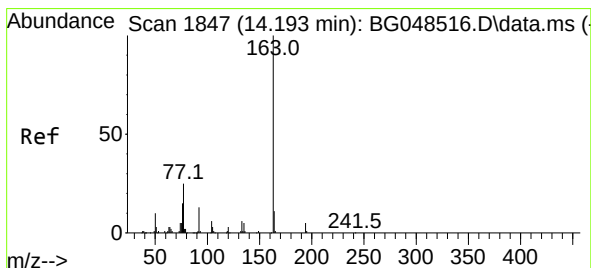
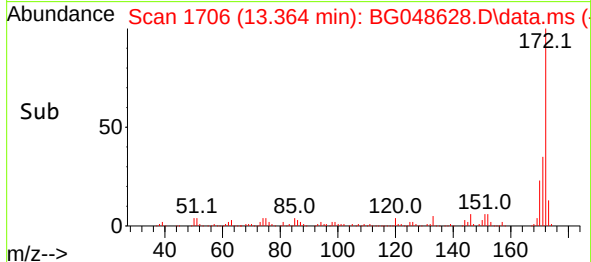
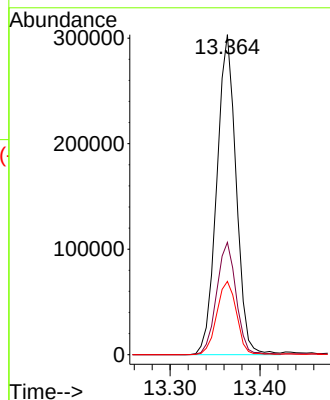
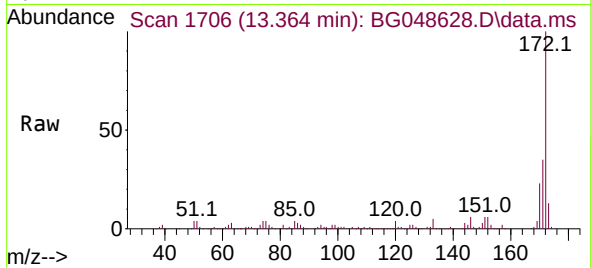




#45
2-Fluorobiphenyl
Concen: 104.52 ng
RT: 13.364 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

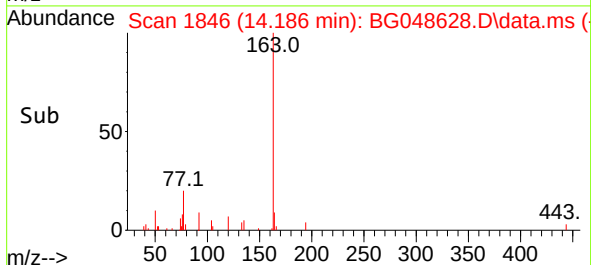
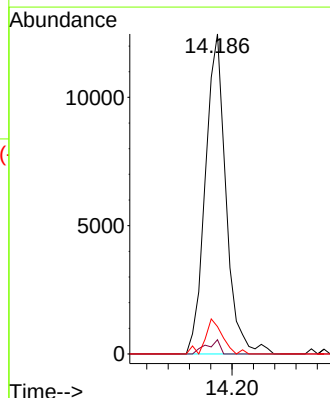
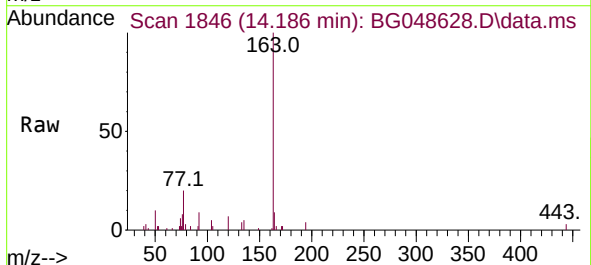
Instrument :
BNA_G
ClientSampleId :
CA-1

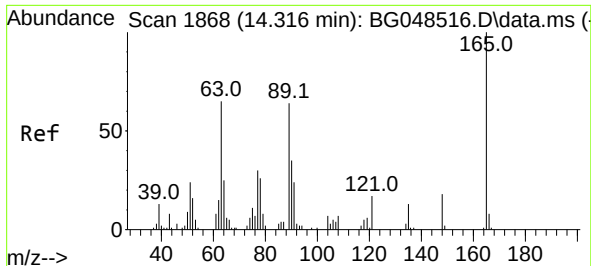
Tgt Ion:172 Resp: 454337
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.9 19.8 29.6



#50
Dimethylphthalate
Concen: 3.50 ng
RT: 14.186 min Scan# 1846
Delta R.T. -0.007 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

Tgt Ion:163 Resp: 16772
Ion Ratio Lower Upper
163 100
194 4.5 4.1 6.1
164 8.6 8.6 12.8#

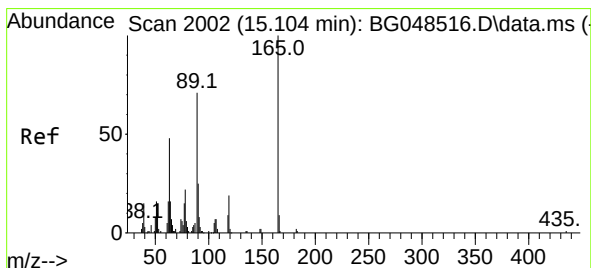
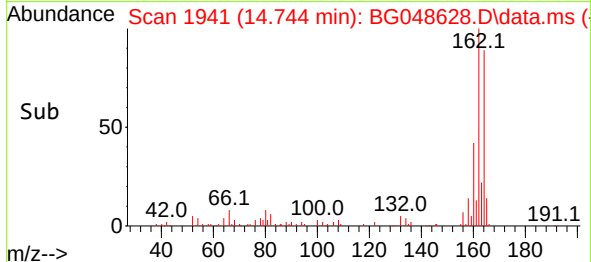
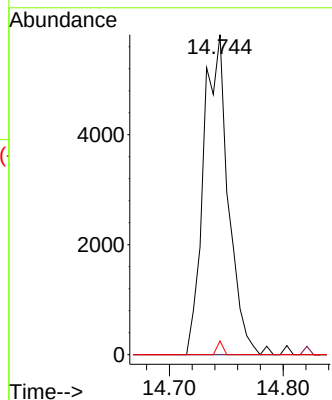
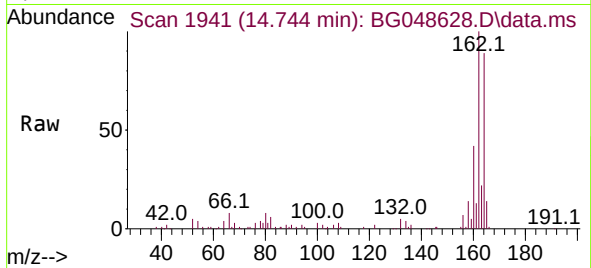




#51
2,6-Dinitrotoluene
Concen: 8.01 ng
RT: 14.744 min Scan# 1941
Delta R.T. 0.428 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

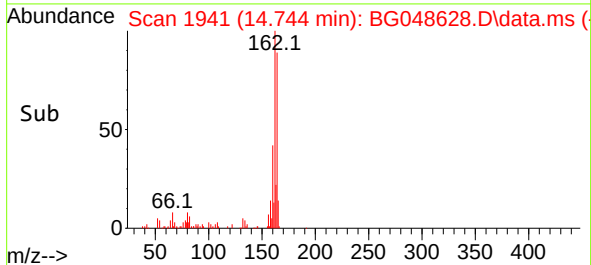
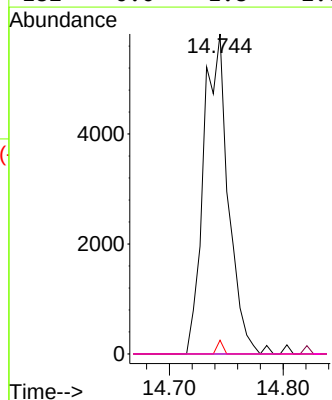
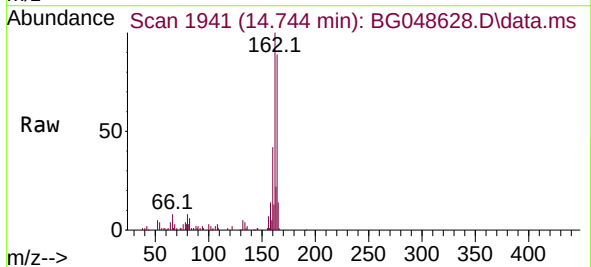
Instrument :
BNA_G
ClientSampled :
CA-1

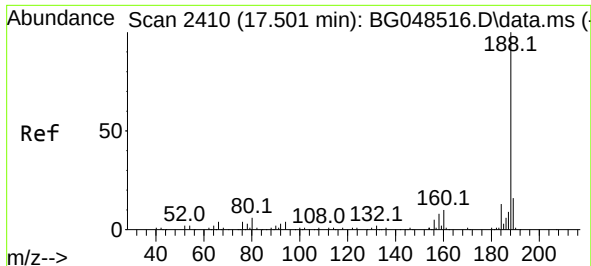
Tgt Ion:165 Resp: 8786
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 4.3 50.8 76.2#



#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.359 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

Tgt Ion:165 Resp: 8786
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 4.3 56.5 84.7#
182 0.0 1.8 2.6#

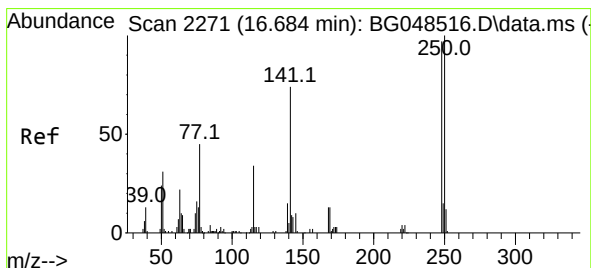
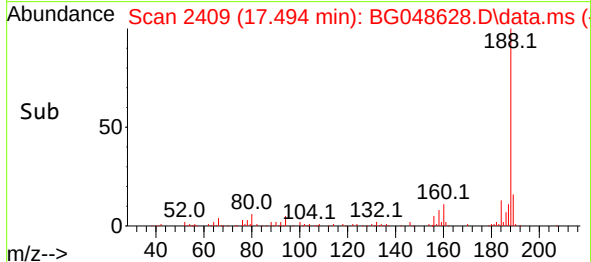
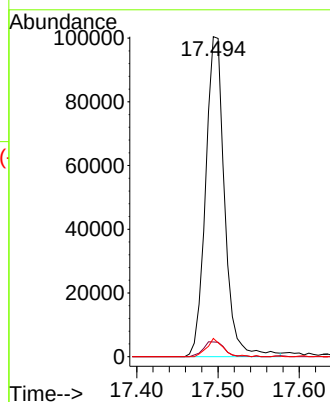
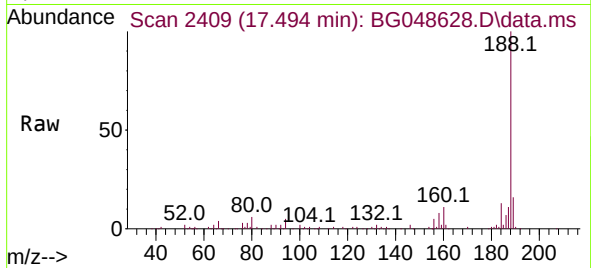




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

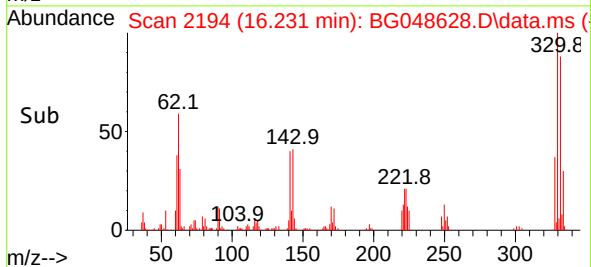
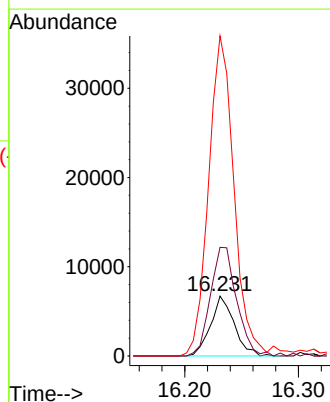
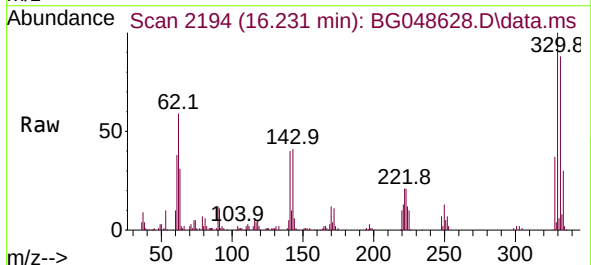
Instrument :
BNA_G
ClientSampleId :
CA-1

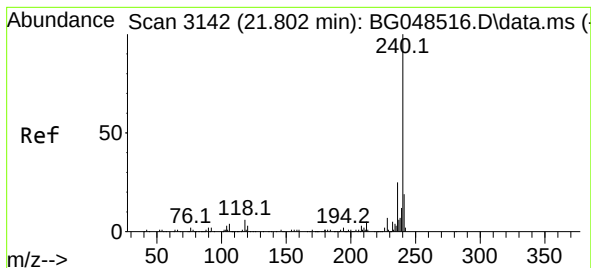
Tgt Ion:188 Resp: 162967
Ion Ratio Lower Upper
188 100
94 4.6 3.0 4.6#
80 5.7 4.5 6.7



#67
4-Bromophenyl-phenylether
Concen: 5.36 ng
RT: 16.231 min Scan# 2194
Delta R.T. -0.453 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

Tgt Ion:248 Resp: 9690
Ion Ratio Lower Upper
248 100
250 181.4 82.6 124.0#
141 534.7 61.0 91.6#

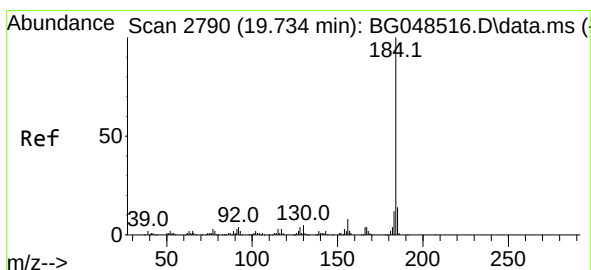
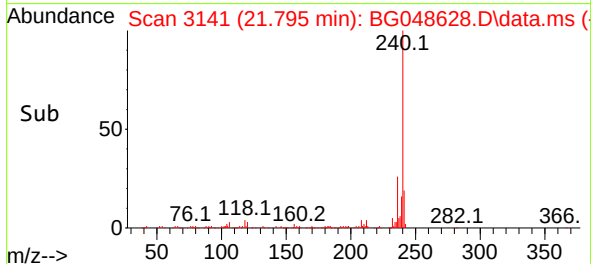
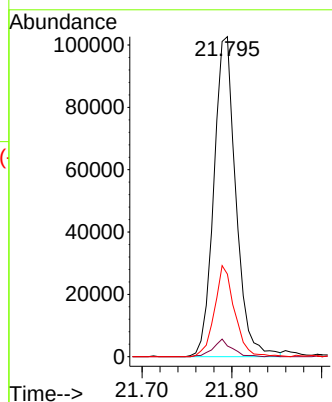
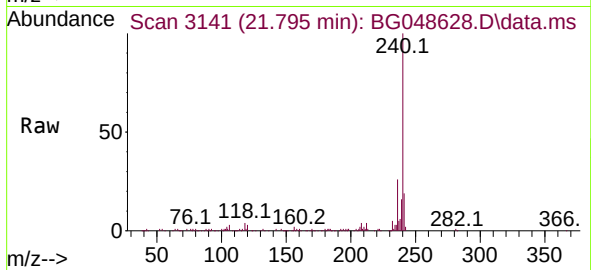




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

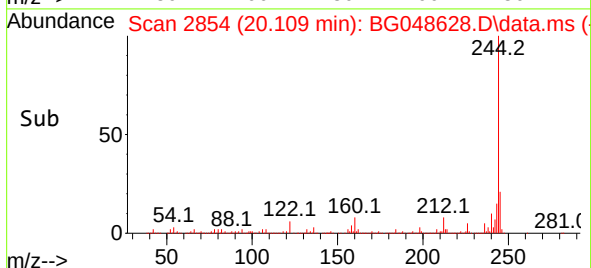
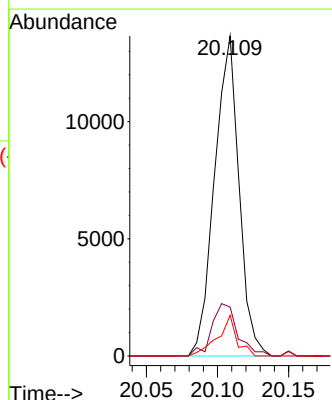
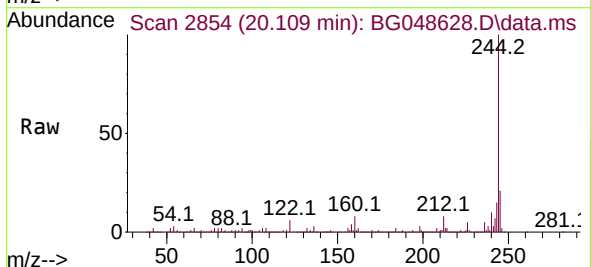
Instrument :
BNA_G
ClientSampleId :
CA-1

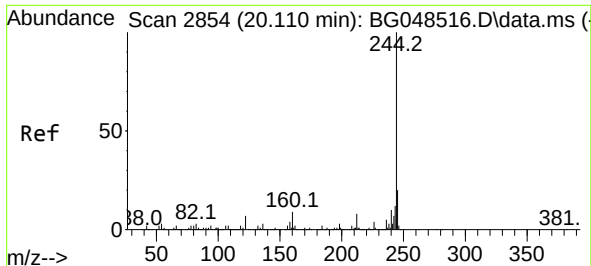
Tgt Ion:240 Resp: 174793
Ion Ratio Lower Upper
240 100
120 3.4 2.6 3.8
236 25.8 19.8 29.6



#77
Benzidine
Concen: 2.75 ng
RT: 20.109 min Scan# 2854
Delta R.T. 0.375 min
Lab File: BG048628.D
Acq: 7 Apr 2021 22:24

Tgt Ion:184 Resp: 16303
Ion Ratio Lower Upper
184 100
185 15.3 11.0 16.4
183 12.7 9.2 13.8

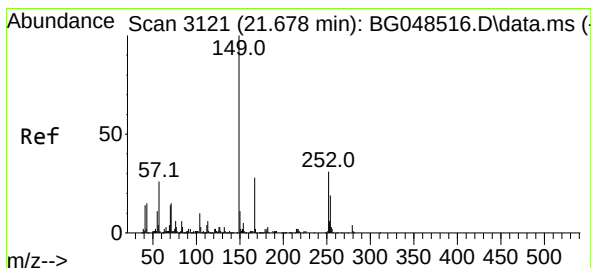
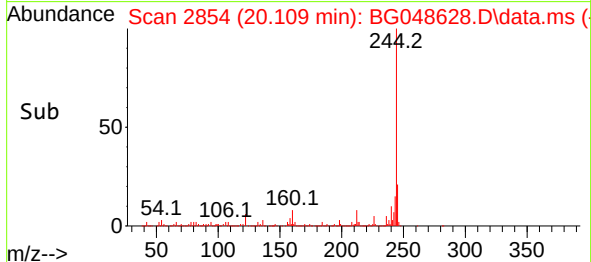
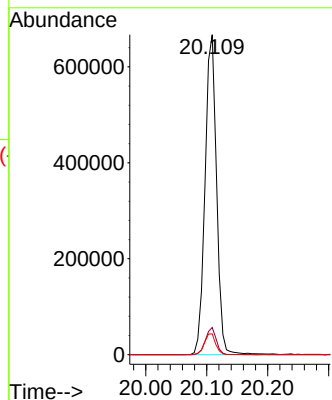
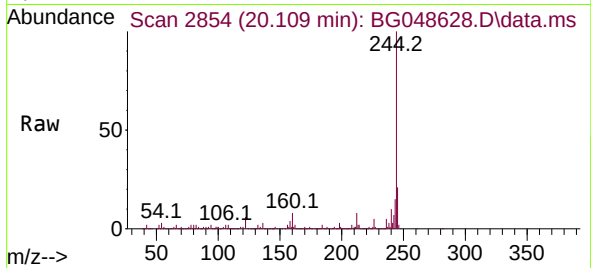




#79
 Terphenyl-d14
 Concen: 91.86 ng
 RT: 20.109 min Scan# 2854
 Delta R.T. -0.001 min
 Lab File: BG048628.D
 Acq: 7 Apr 2021 22:24

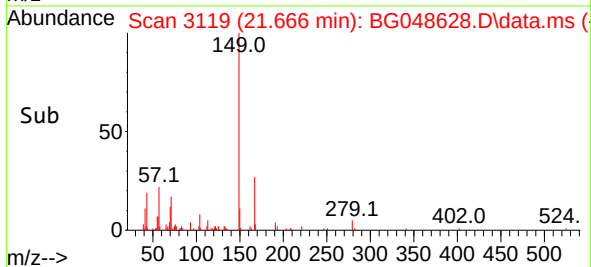
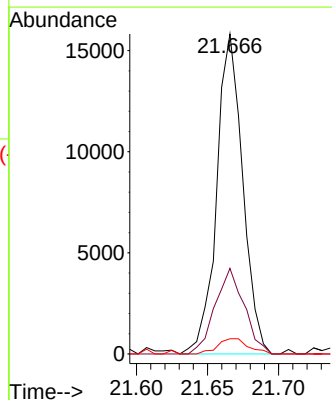
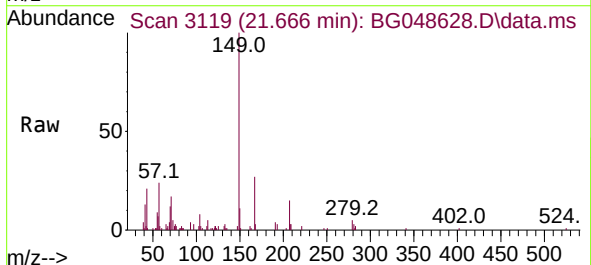
Instrument :
 BNA_G
 ClientSampleId :
 CA-1

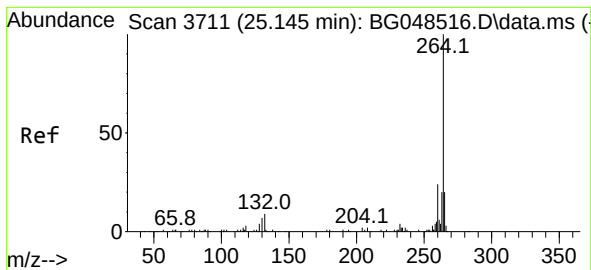
Tgt Ion:244 Resp: 877981
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.0 9.0
 122 6.5 5.8 8.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.24 ng
 RT: 21.666 min Scan# 3119
 Delta R.T. -0.013 min
 Lab File: BG048628.D
 Acq: 7 Apr 2021 22:24

Tgt Ion:149 Resp: 20143
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.4 33.6
 279 4.7 3.4 5.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.126 min Scan# 3708

Delta R.T. -0.018 min

Lab File: BG048628.D

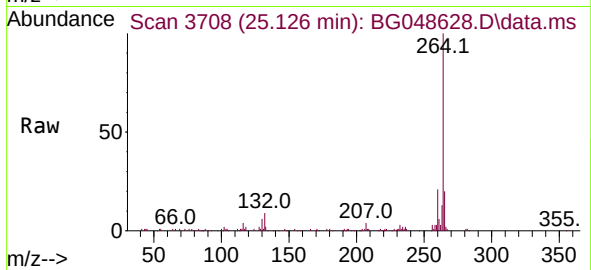
Acq: 7 Apr 2021 22:24

Instrument :

BNA_G

ClientSampleId :

CA-1



Tgt Ion:	264	Resp:	165506
Ion Ratio	Lower	Upper	
264	100		
260	21.1	19.1	28.7
265	20.5	16.1	24.1

