

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053626.D
 Acq On : 19 May 2022 14:57
 Operator : CG/JU
 Sample : N2824-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-7W

Quant Time: May 20 03:57:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

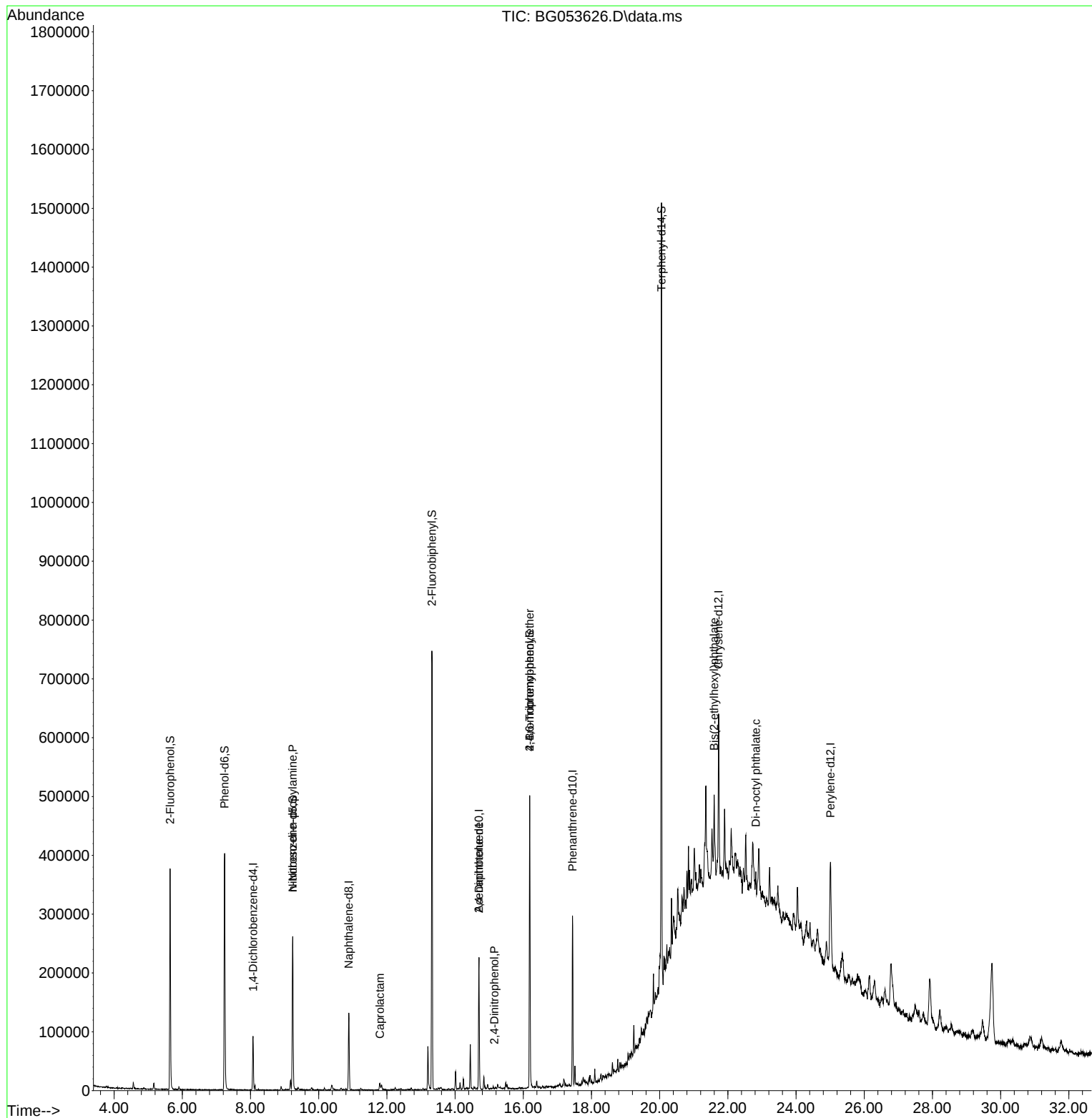
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	26780	20.000	ng	0.00
21) Naphthalene-d8	10.883	136	106086	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	80079	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	185769	20.000	ng	0.00
76) Chrysene-d12	21.727	240	160977	20.000	ng	0.00
86) Perylene-d12	25.011	264	161131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	154952	98.198	ng	0.00
7) Phenol-d6	7.241	99	236988	98.960	ng	0.00
23) Nitrobenzene-d5	9.238	82	168643	67.670	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	101479	85.921	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	395052	72.089	ng	0.00
79) Terphenyl-d14	20.053	244	635971	73.580	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.238	70	24116	14.035	ng	# 74
35) Caprolactam	11.793	113	2205	3.420	ng	# 91
54) 2,4-Dinitrophenol	15.154	184	56	6.310	ng	# 11
57) 2,4-Dinitrotoluene	14.701	165	10711	5.960	ng	# 21
67) 4-Bromophenyl-phenylether	16.187	248	6724	3.099	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.598	149	54276	10.291	ng	# 99
85) Di-n-octyl phthalate	22.820	149	23475	2.632	ng	# 99

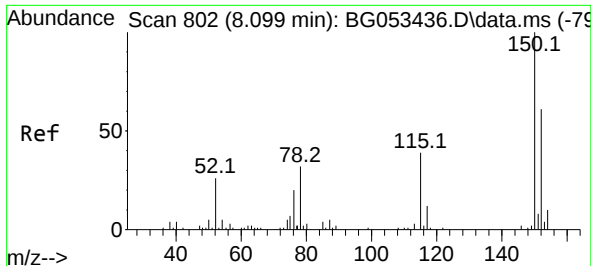
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
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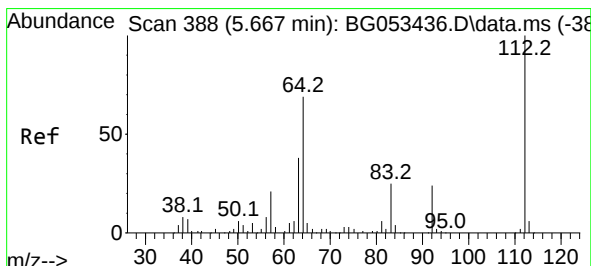
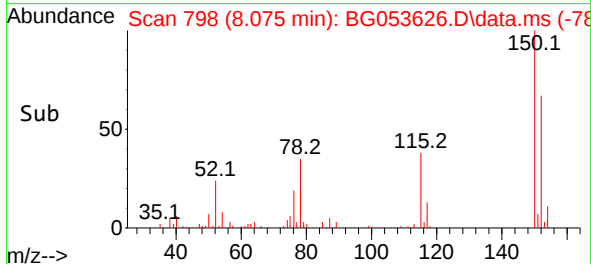
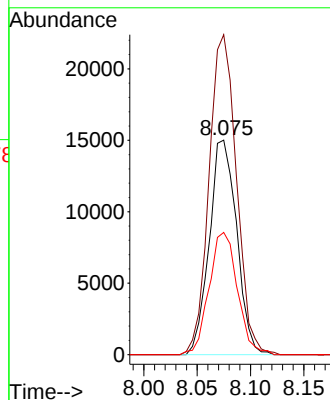
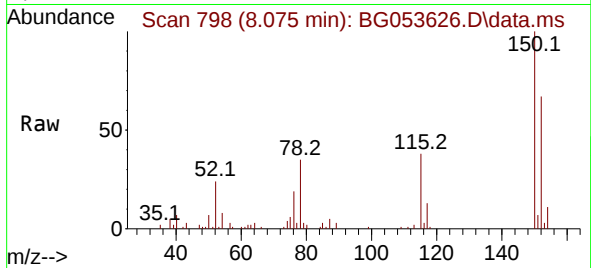




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 79
Delta R.T. -0.000 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

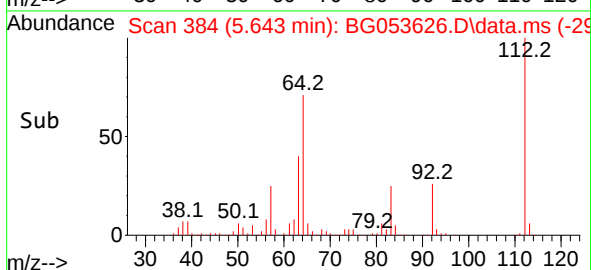
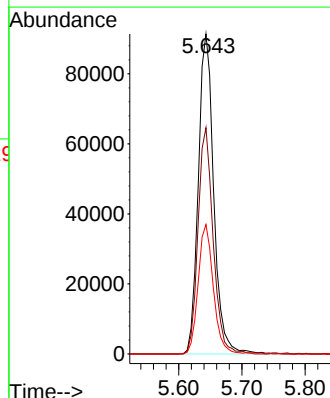
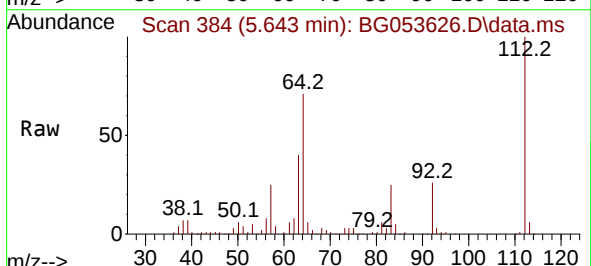
Instrument :
BNA_G
ClientSampleId :
CS-7W

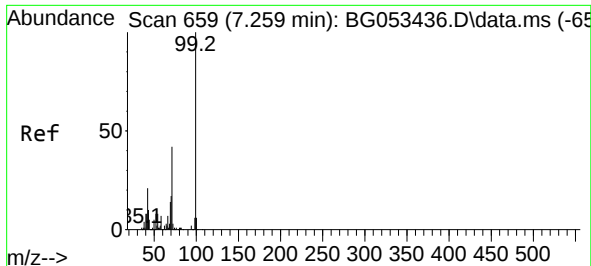
Tgt Ion:152 Resp: 26780
Ion Ratio Lower Upper
152 100
150 149.1 131.6 197.4
115 56.9 50.9 76.3



#5
2-Fluorophenol
Concen: 98.198 ng
RT: 5.643 min Scan# 384
Delta R.T. -0.000 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

Tgt Ion:112 Resp: 154952
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 40.5 30.4 45.6

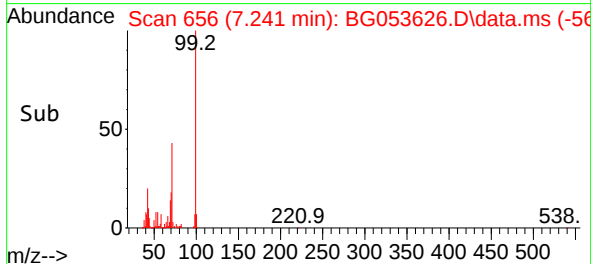
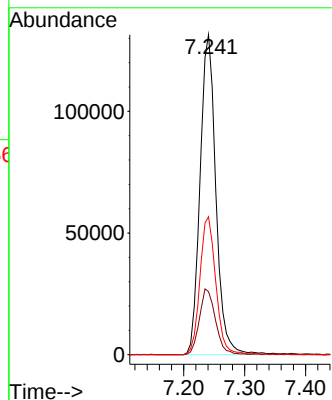
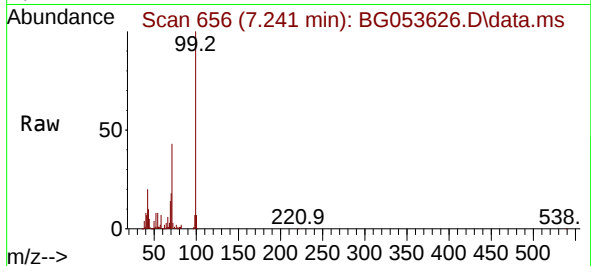




#7
Phenol-d6
Concen: 98.960 ng
RT: 7.241 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

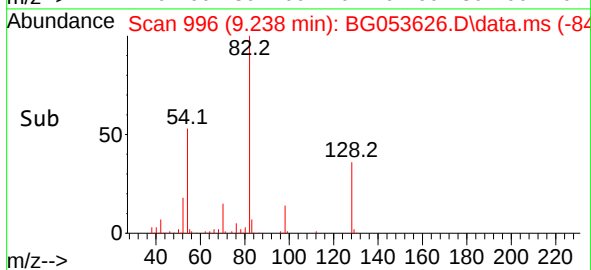
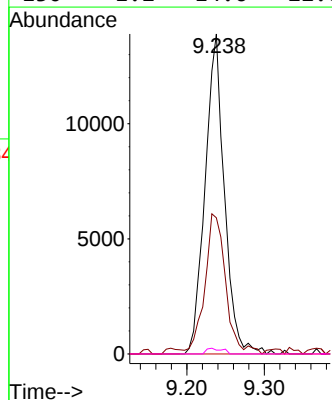
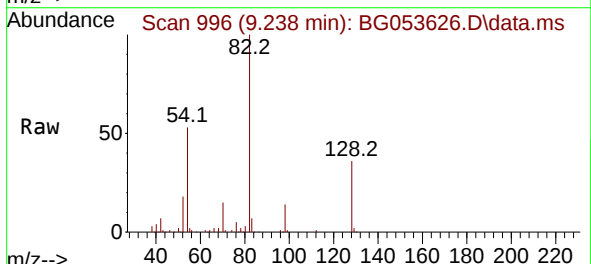
Instrument :
BNA_G
ClientSampleId :
CS-7W

Tgt Ion: 99 Resp: 236988
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 43.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.035 ng
RT: 9.238 min Scan# 996
Delta R.T. 0.358 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

Tgt Ion: 70 Resp: 24116
Ion Ratio Lower Upper
70 100
42 42.6 47.3 70.9#
101 0.0 7.0 10.4#
130 1.2 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.883 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG053626.D

Acq: 19 May 2022 14:57

Instrument :

BNA_G

ClientSampleId :

CS-7W

Tgt Ion:136 Resp: 106086

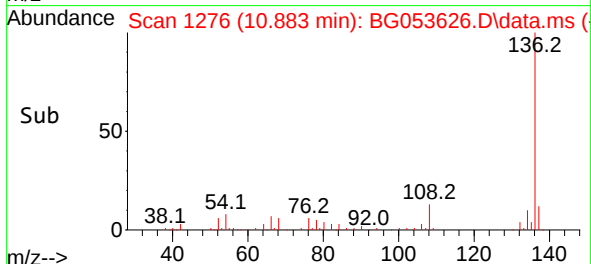
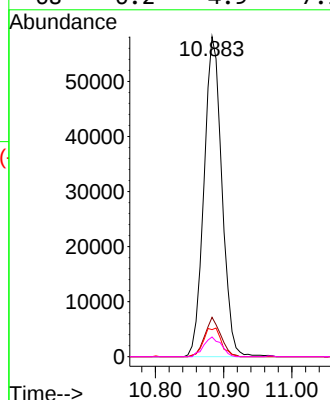
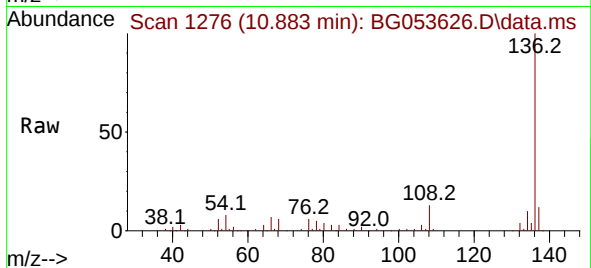
Ion Ratio Lower Upper

136 100

137 12.3 8.5 12.7

54 8.5 7.4 11.2

68 6.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 67.670 ng

RT: 9.238 min Scan# 996

Delta R.T. -0.000 min

Lab File: BG053626.D

Acq: 19 May 2022 14:57

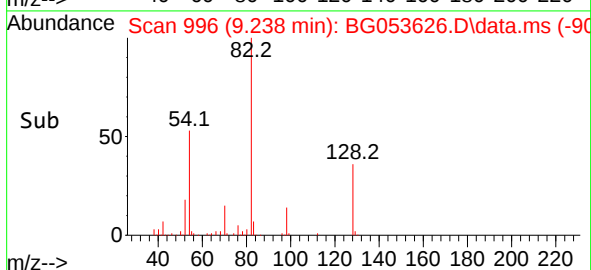
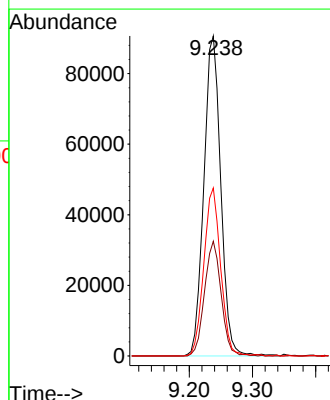
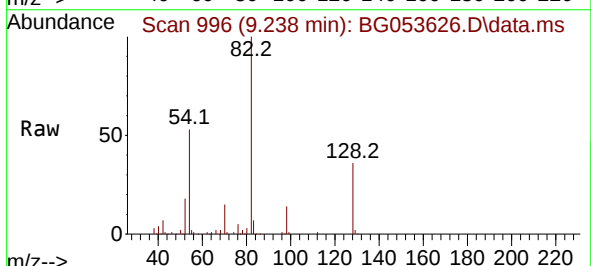
Tgt Ion: 82 Resp: 168643

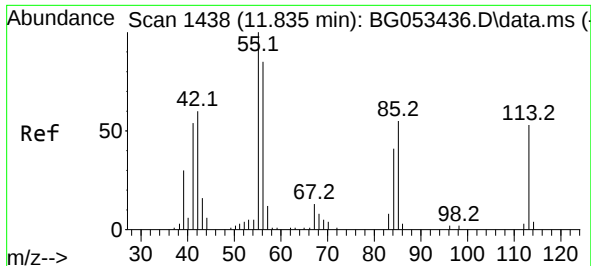
Ion Ratio Lower Upper

82 100

128 35.9 27.9 41.9

54 52.5 41.2 61.8

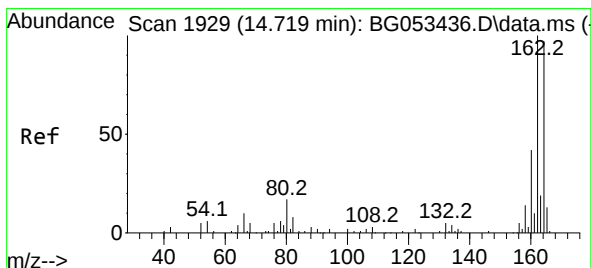
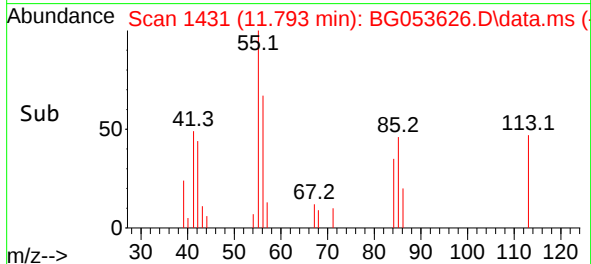
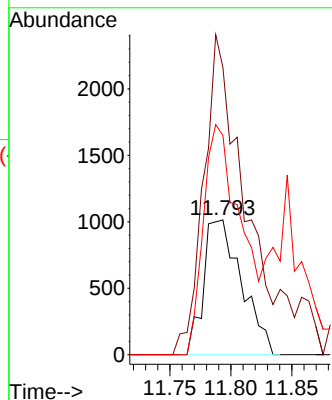
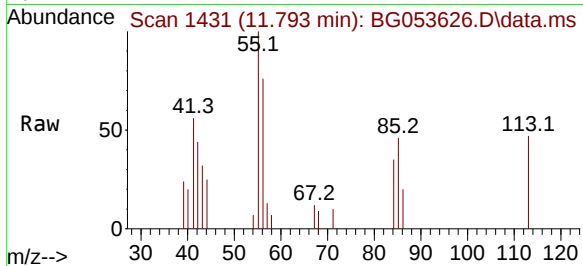




#35
Caprolactam
Concen: 3.420 ng
RT: 11.793 min Scan# 1431
Delta R.T. -0.018 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

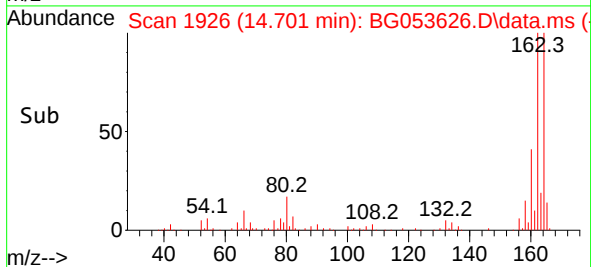
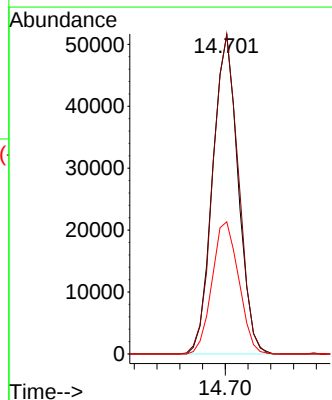
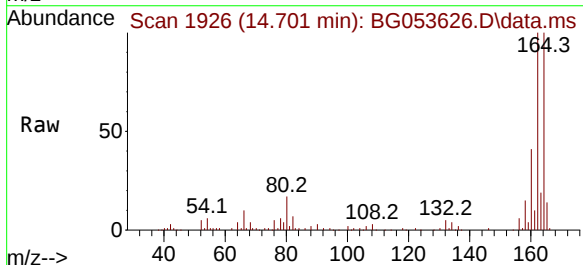
Instrument :
BNA_G
ClientSampleId :
CS-7W

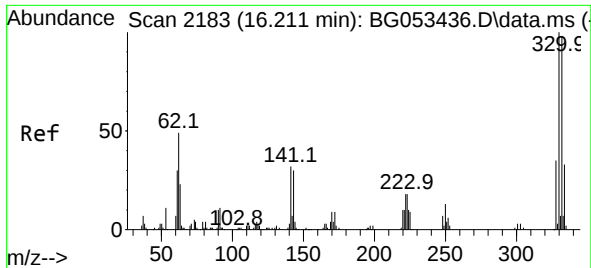
Tgt Ion:113 Resp: 2205
Ion Ratio Lower Upper
113 100
55 213.1 169.8 209.8#
56 162.6 141.2 181.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1926
Delta R.T. -0.000 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

Tgt Ion:164 Resp: 80079
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 41.5 34.2 51.2

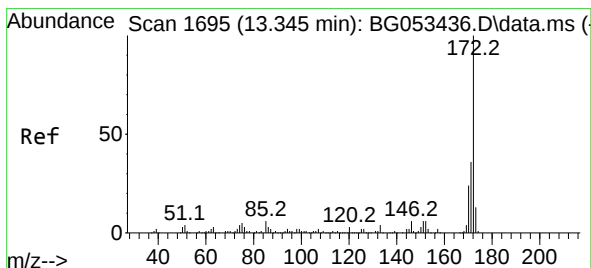
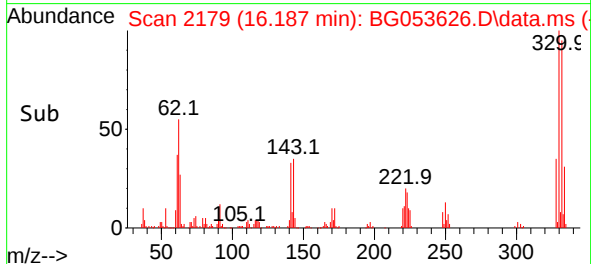
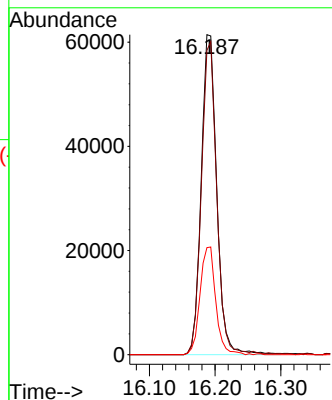
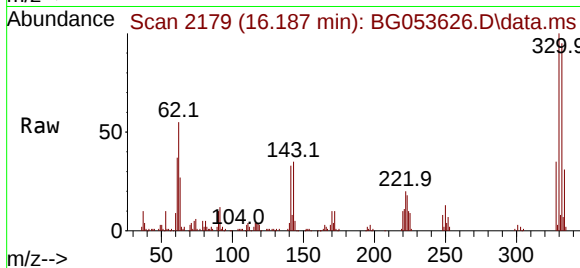




#42
2,4,6-Tribromophenol
Concen: 85.921 ng
RT: 16.187 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

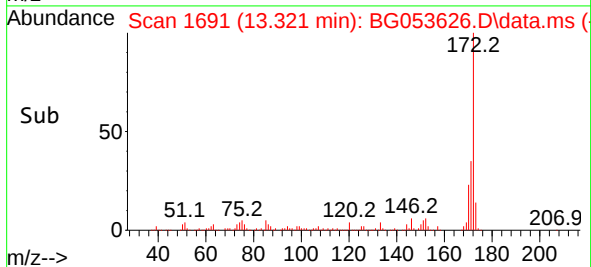
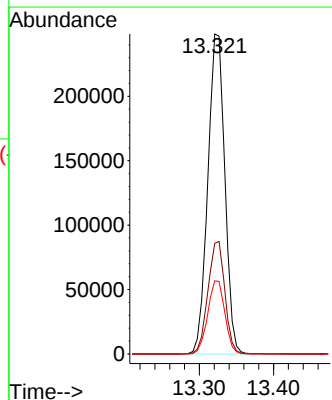
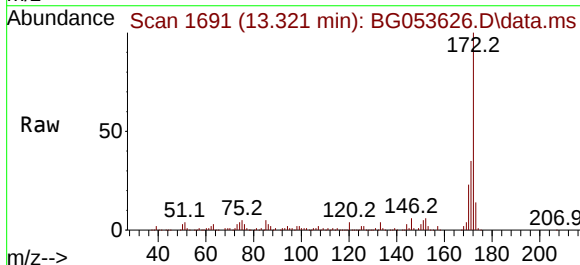
Instrument :
BNA_G
ClientSampleId :
CS-7W

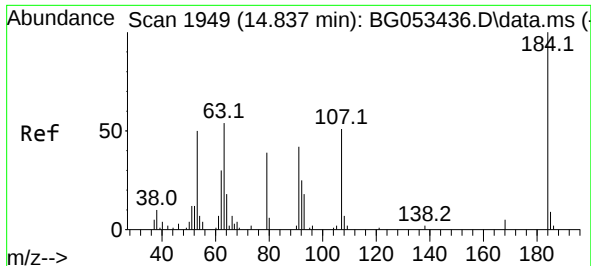
Tgt Ion:330 Resp: 101479
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 34.0 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 72.089 ng
RT: 13.321 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

Tgt Ion:172 Resp: 395052
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.9 18.9 28.3

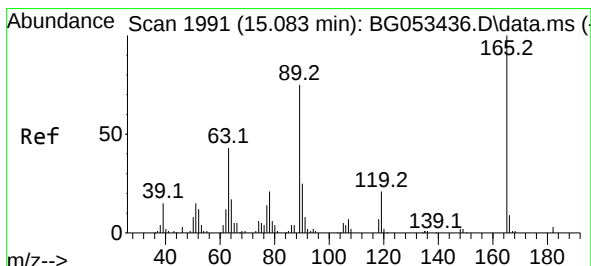
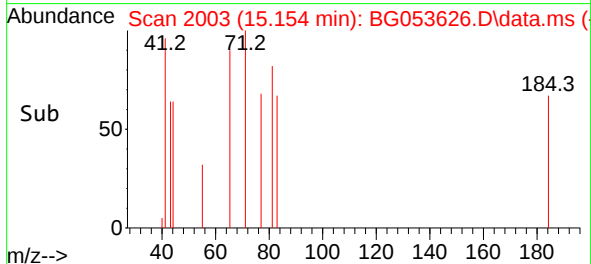
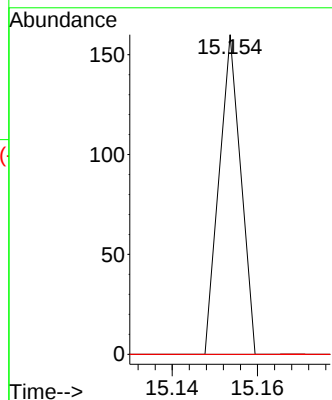
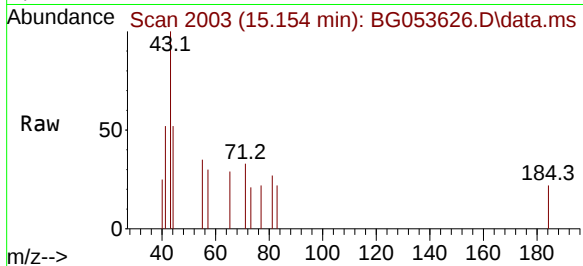




#54
2,4-Dinitrophenol
Concen: 6.310 ng
RT: 15.154 min Scan# 20
Delta R.T. 0.329 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

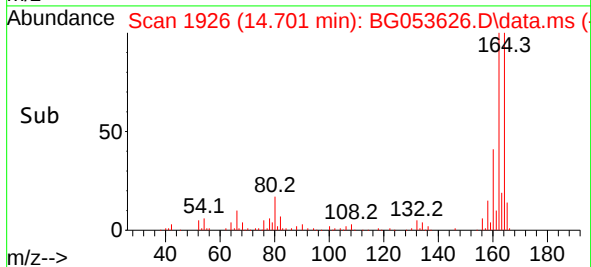
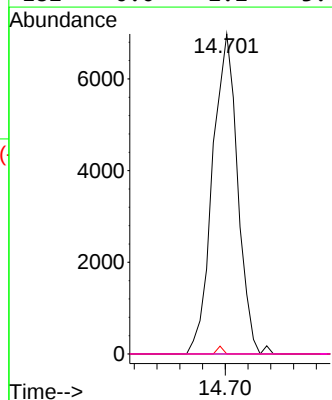
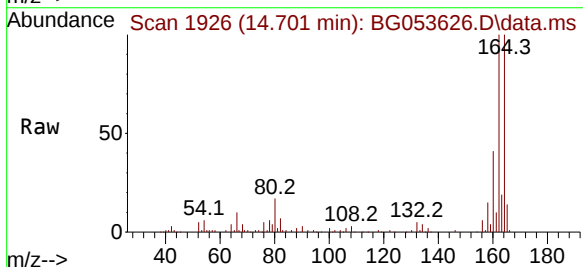
Instrument :
BNA_G
ClientSampleId :
CS-7W

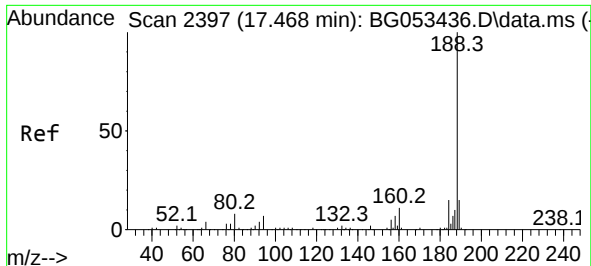
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#



#57
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 14.701 min Scan# 1926
Delta R.T. -0.364 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

Tgt Ion:165 Resp: 10711
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

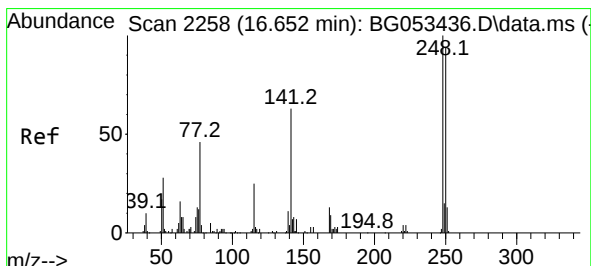
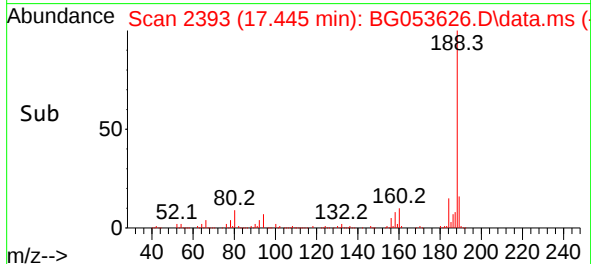
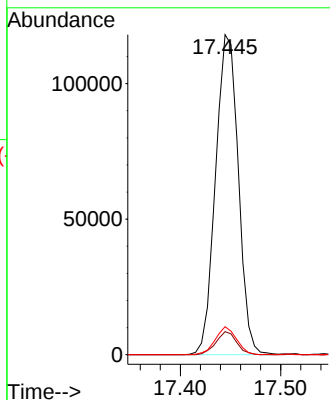
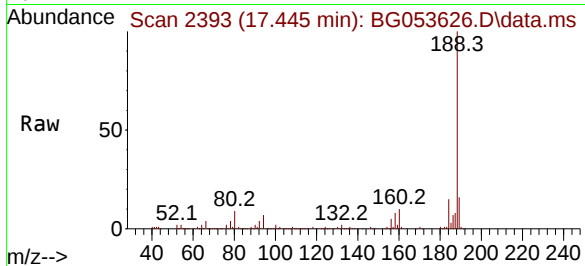




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

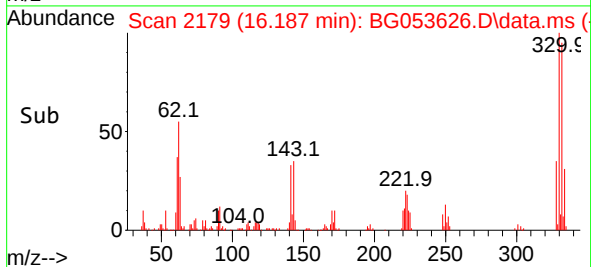
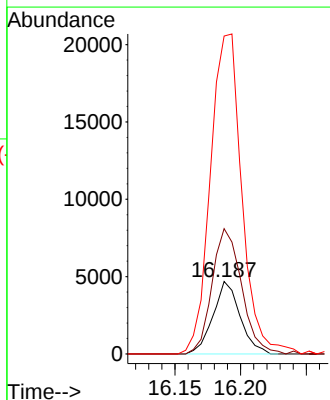
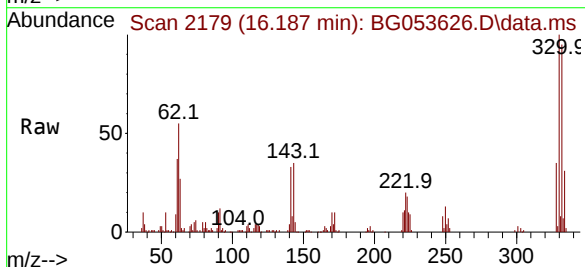
Instrument :
BNA_G
ClientSampleId :
CS-7W

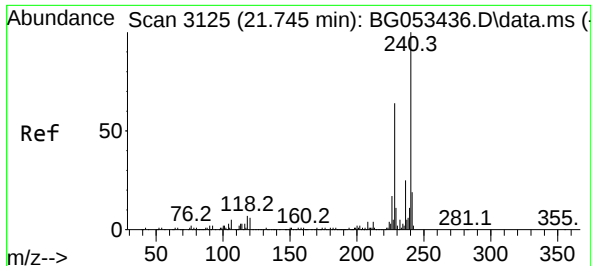
Tgt Ion:188 Resp: 185769
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 8.7 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.099 ng
RT: 16.187 min Scan# 2179
Delta R.T. -0.441 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

Tgt Ion:248 Resp: 6724
Ion Ratio Lower Upper
248 100
250 173.0 75.2 112.8#
141 438.9 50.0 75.0#

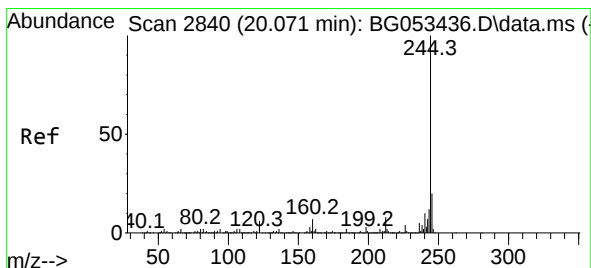
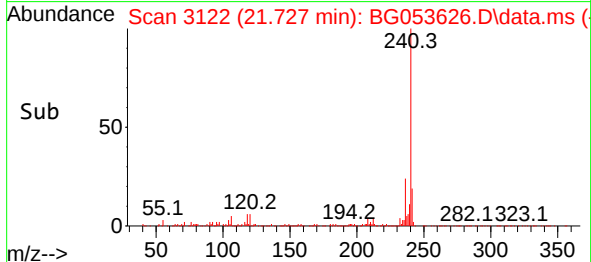
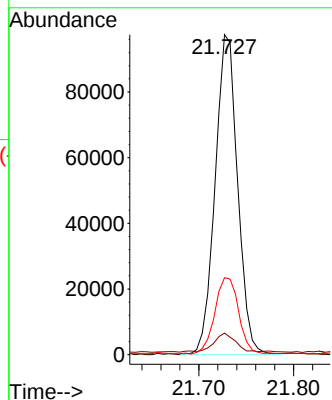
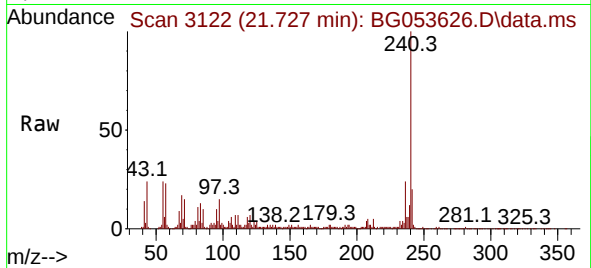




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

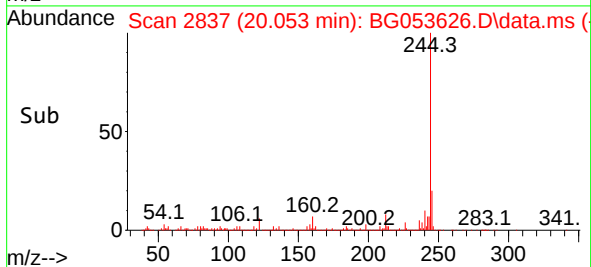
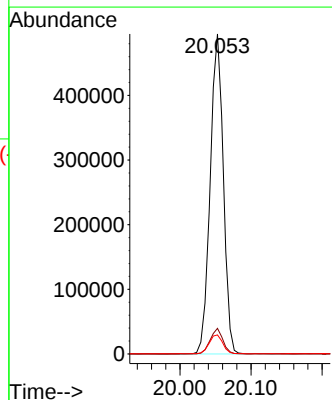
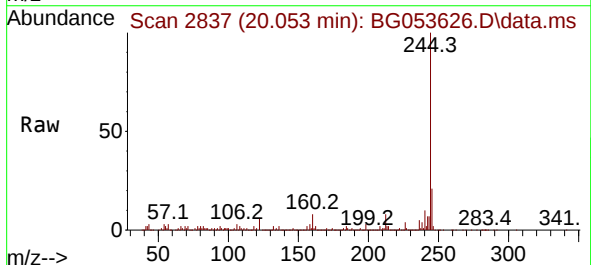
Instrument :
BNA_G
ClientSampleId :
CS-7W

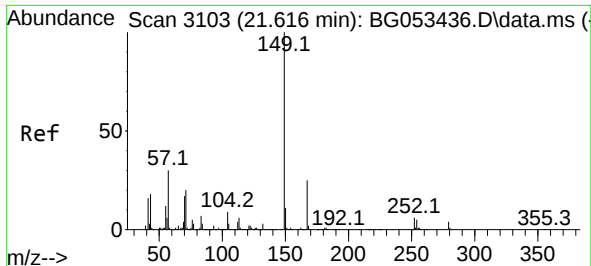
Tgt Ion:240 Resp: 160977
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 24.1 20.2 30.4



#79
Terphenyl-d14
Concen: 73.580 ng
RT: 20.053 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

Tgt Ion:244 Resp: 635971
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 6.0 5.0 7.4

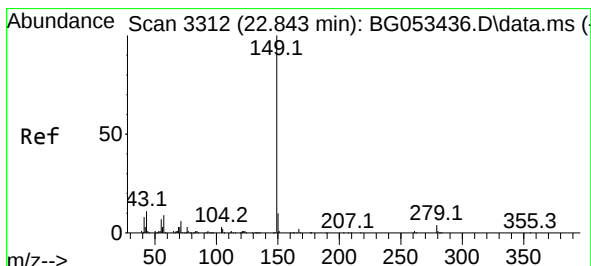
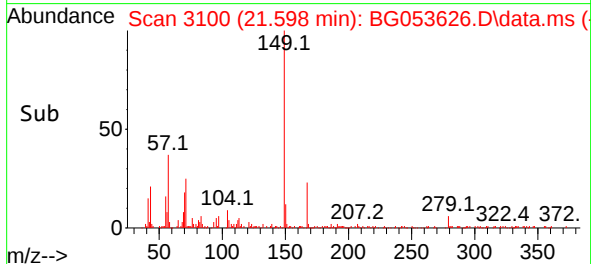
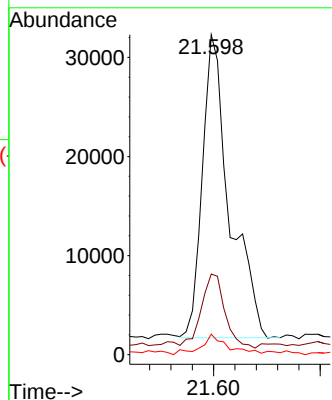
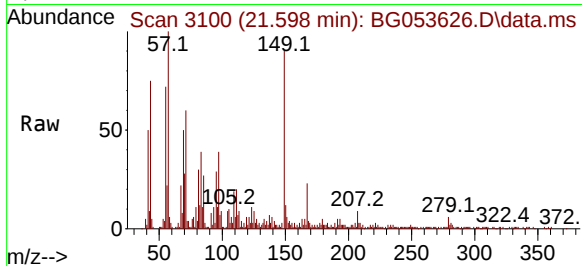




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.291 ng
RT: 21.598 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

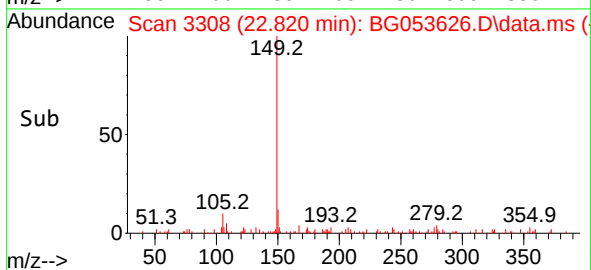
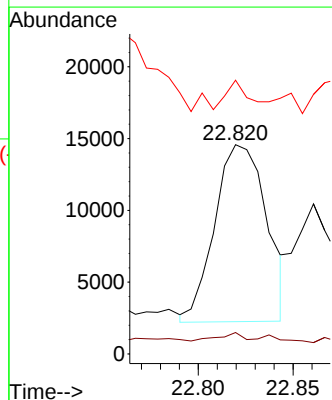
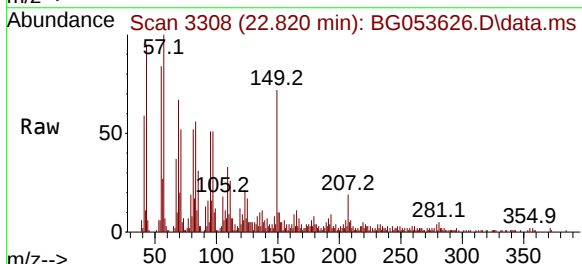
Instrument :
BNA_G
ClientSampleId :
CS-7W

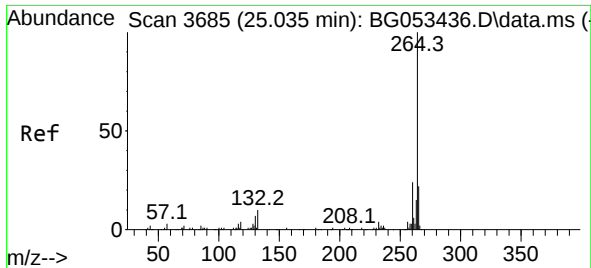
Tgt Ion:149 Resp: 54276
Ion Ratio Lower Upper
149 100
167 25.2 20.2 30.4
279 6.4 3.6 5.4#



#85
Di-n-octyl phthalate
Concen: 2.632 ng
RT: 22.820 min Scan# 3308
Delta R.T. -0.000 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

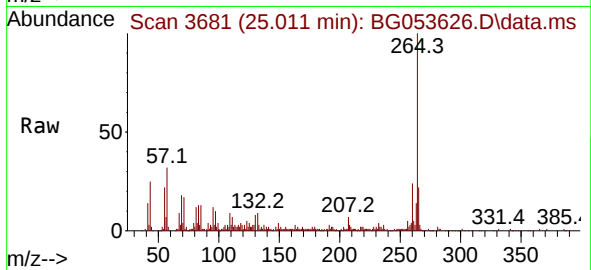
Tgt Ion:149 Resp: 23475
Ion Ratio Lower Upper
149 100
167 2.2 1.3 1.9#
43 11.7 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.011 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG053626.D
Acq: 19 May 2022 14:57

Instrument :
BNA_G
ClientSampleId :
CS-7W



Tgt Ion:264 Resp: 161131

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.5	17.4	26.2

