

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
 Data File : BG053828.D
 Acq On : 6 Jun 2022 14:18
 Operator : CG/JU
 Sample : N3143-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220392-SB-8-(DISCRETE-COMP-G)

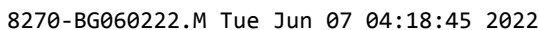
Quant Time: Jun 07 04:18:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

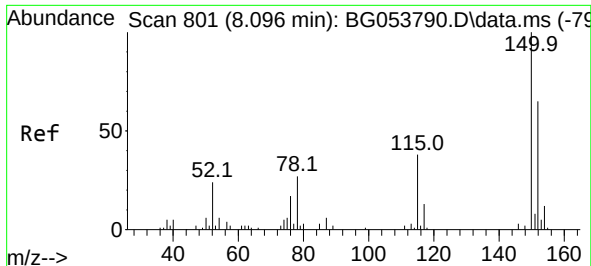
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	24838	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	97330	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	68432	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	178227	20.000	ng	0.00
76) Chrysene-d12	21.731	240	203805	20.000	ng	0.00
86) Perylene-d12	25.004	264	201708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	212666	157.231	ng	0.00
7) Phenol-d6	7.242	99	269464	147.071	ng	0.00
23) Nitrobenzene-d5	9.246	82	166742	112.500	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	158356	190.637	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	420131	91.846	ng	0.00
79) Terphenyl-d14	20.063	244	843437	82.331	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.252	70	22378	17.245	ng	# 81
24) Nitrobenzene	9.252	77	376	3.186	ng	# 37
48) 2-Nitroaniline	13.341	65	617	5.613	ng	# 1
51) 2,6-Dinitrotoluene	14.710	165	9198	13.408	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	9198	11.218	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.196	198	73	5.697	ng	# 1
67) 4-Bromophenyl-phenylether	16.202	248	9764	5.042	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.625	149	17297	2.846	ng	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

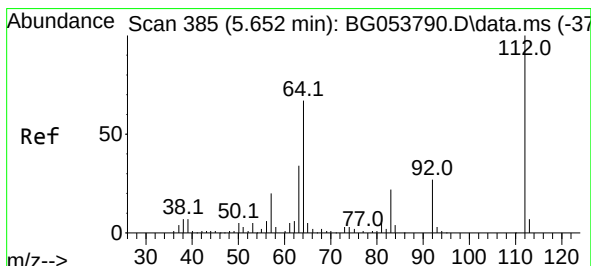
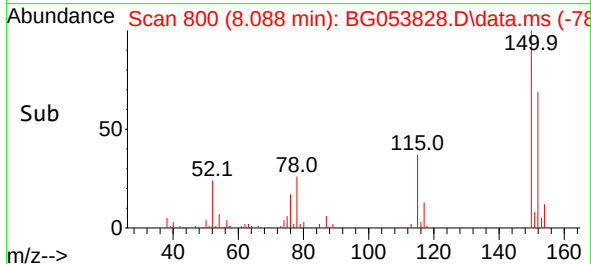
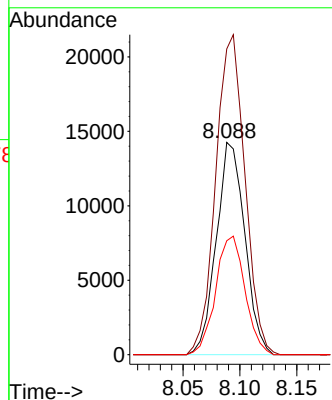
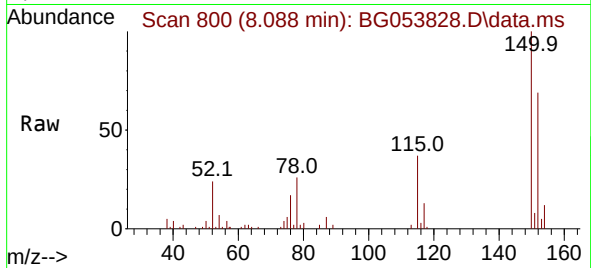




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053828.D
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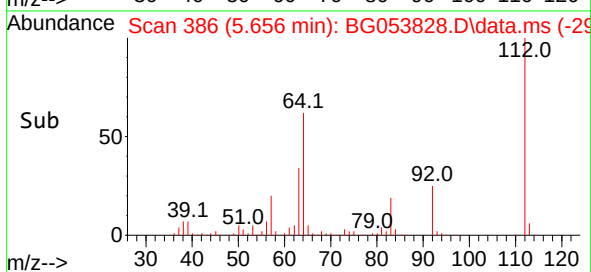
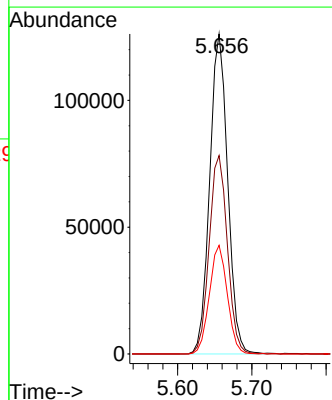
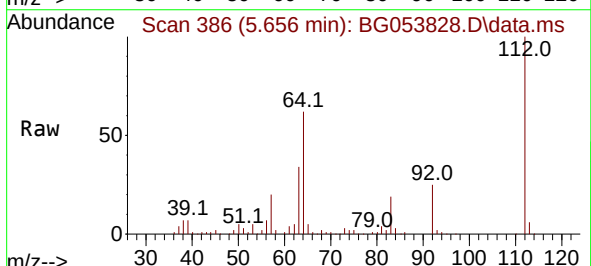
Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

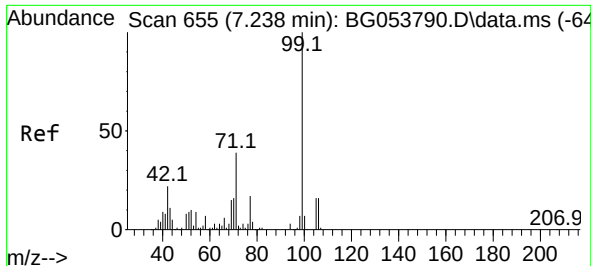
Tgt Ion:152 Resp: 24838
Ion Ratio Lower Upper
152 100
150 144.1 131.6 197.4
115 53.7 50.9 76.3



#5
2-Fluorophenol
Concen: 157.231 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Tgt Ion:112 Resp: 212666
Ion Ratio Lower Upper
112 100
64 62.0 55.1 82.7
63 34.0 30.4 45.6

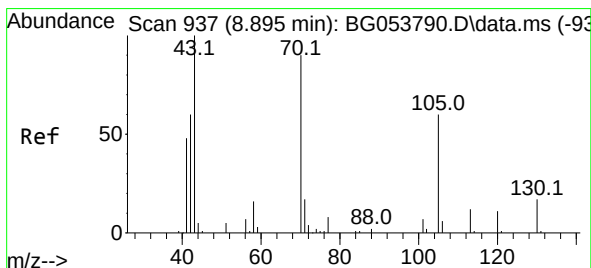
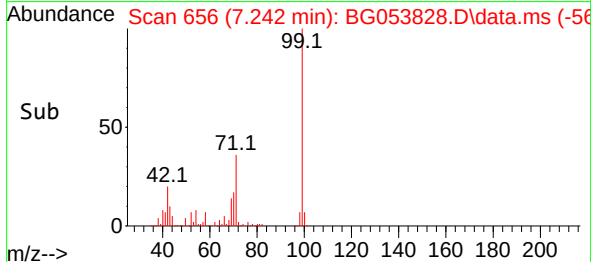
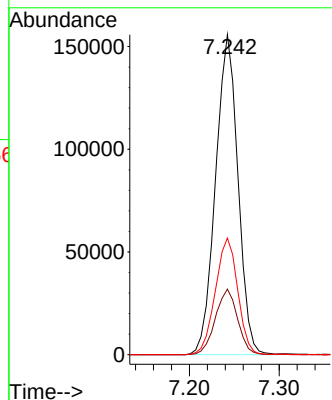
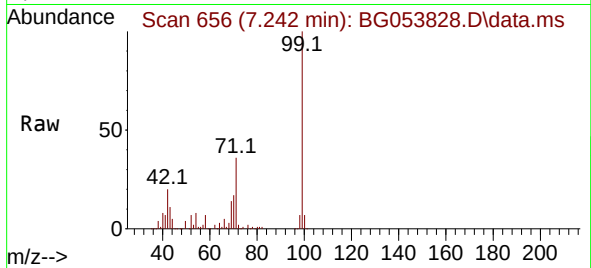




#7
Phenol-d6
Concen: 147.071 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

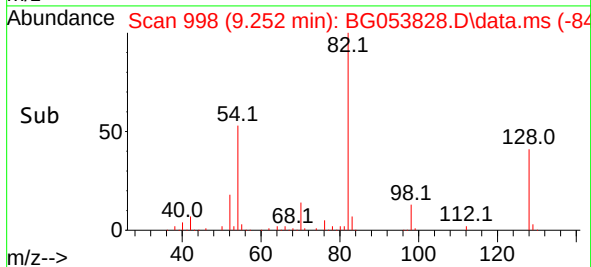
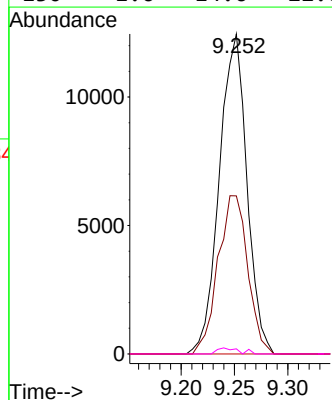
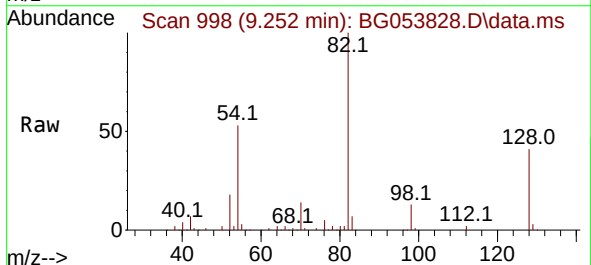
Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

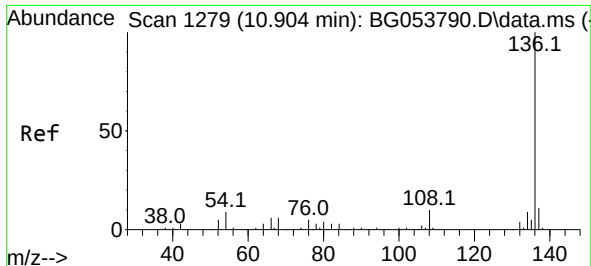
Tgt Ion: 99 Resp: 269464
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 36.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.245 ng
RT: 9.252 min Scan# 998
Delta R.T. 0.357 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Tgt Ion: 70 Resp: 22378
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#

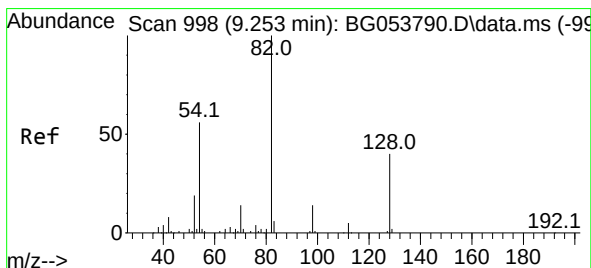
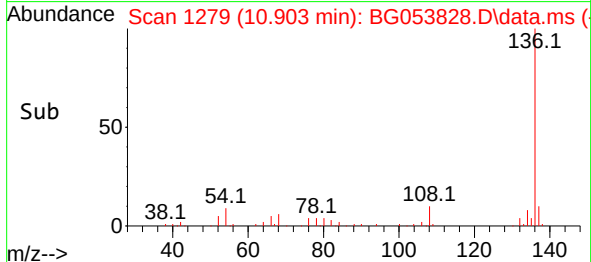
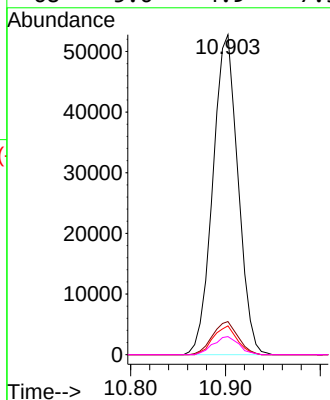
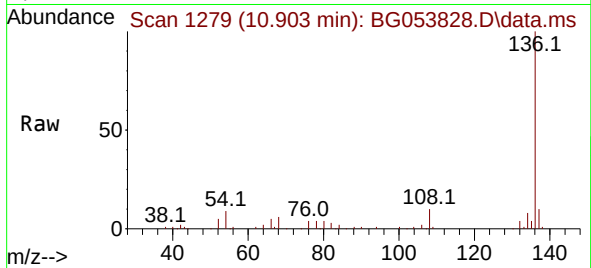




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

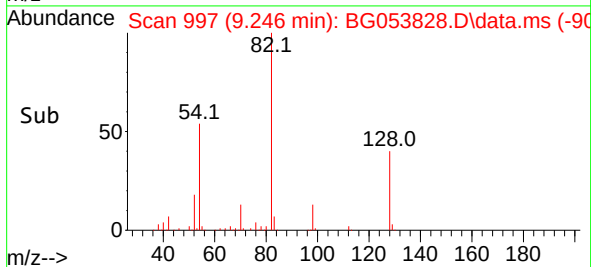
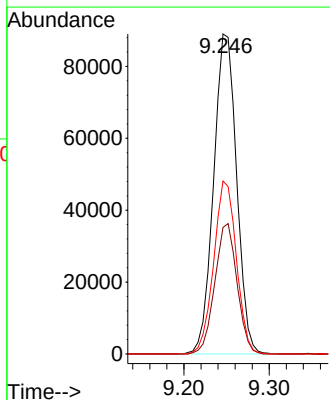
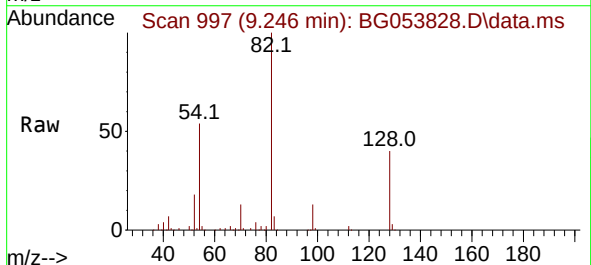
Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

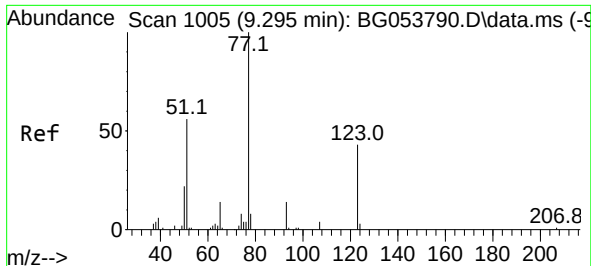
Tgt Ion:	136	Resp:	97330
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.0	7.4	11.2
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 112.500 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Tgt Ion:	82	Resp:	166742
Ion	Ratio	Lower	Upper
82	100		
128	39.6	27.9	41.9
54	54.0	41.2	61.8

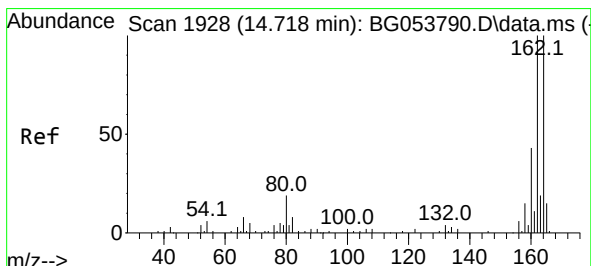
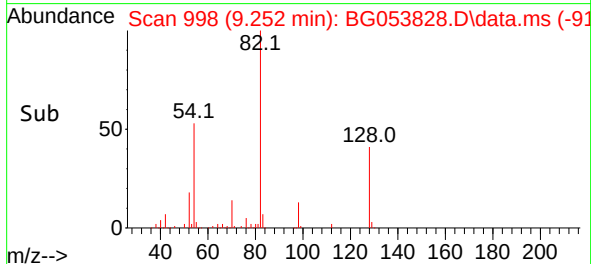
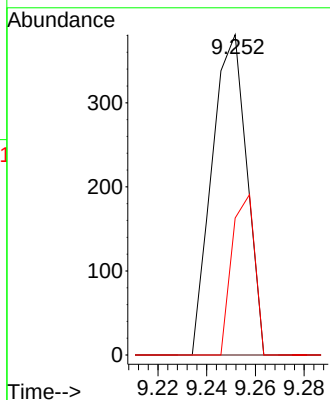
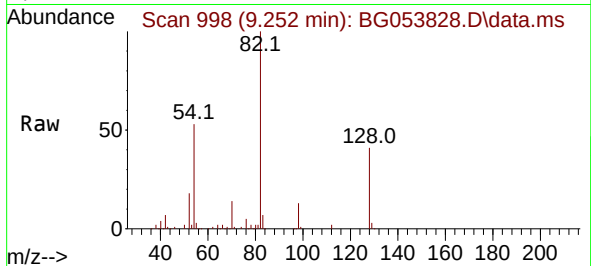




#24
Nitrobenzene
Concen: 3.186 ng
RT: 9.252 min Scan# 91
Delta R.T. -0.043 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

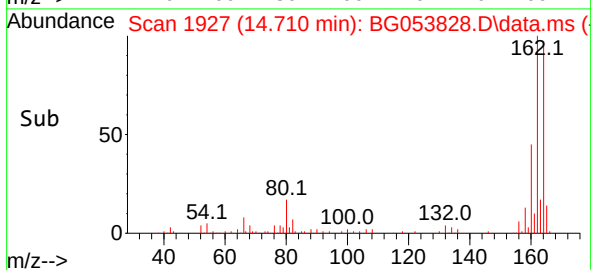
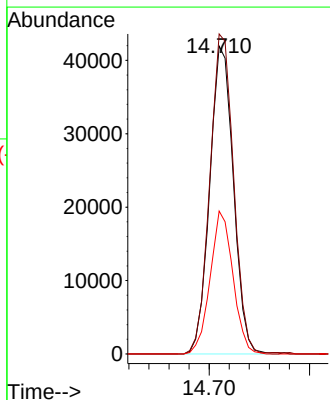
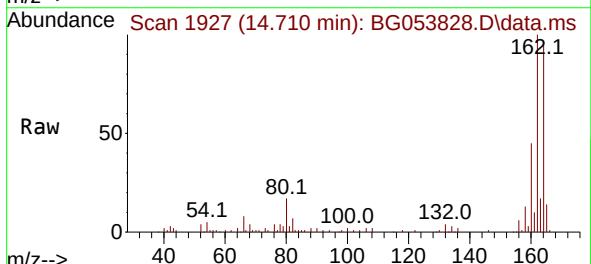
Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

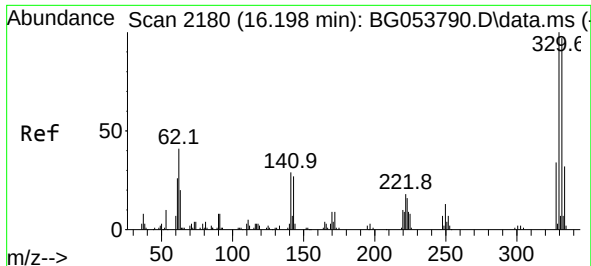
Tgt Ion: 77 Resp: 376
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 42.8 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

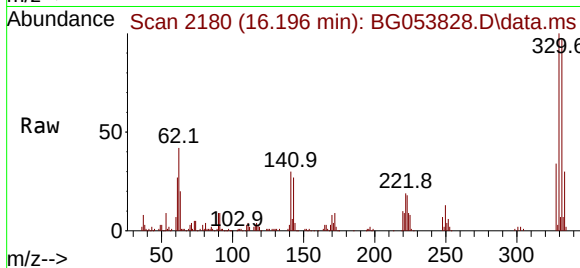
Tgt Ion:164 Resp: 68432
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 46.4 34.2 51.2



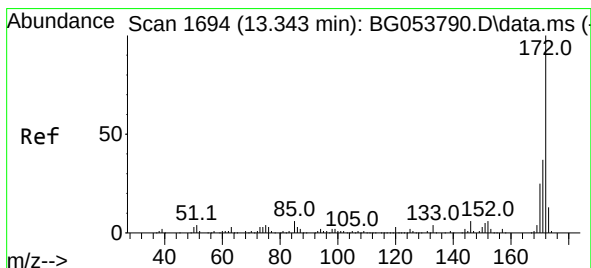
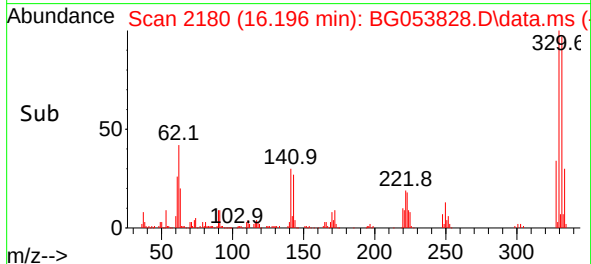
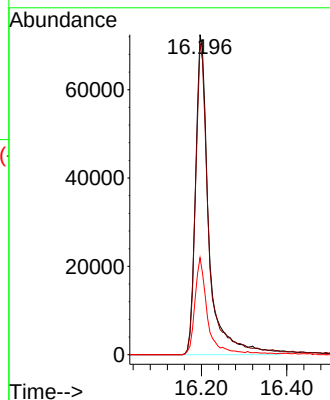


#42
2,4,6-Tribromophenol
Concen: 190.637 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

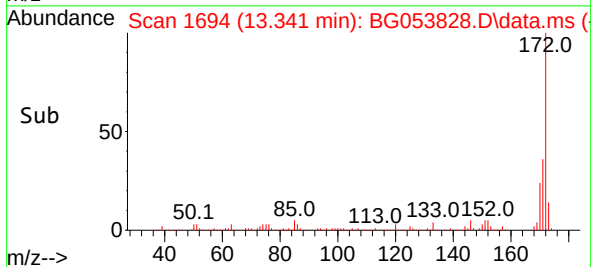
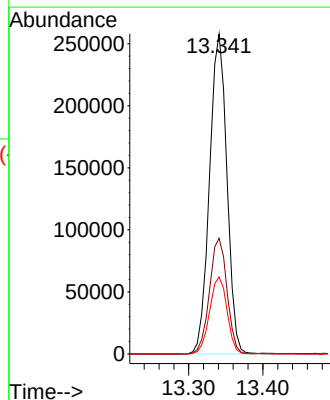
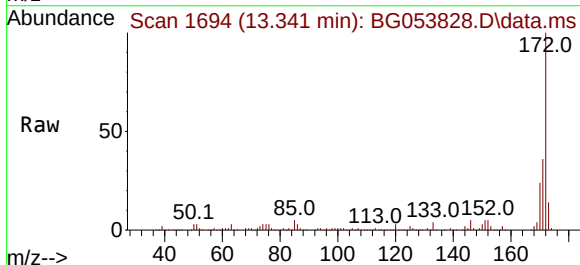


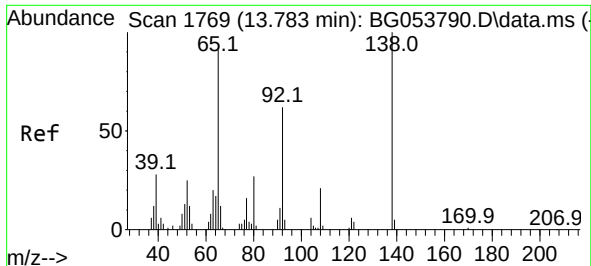
Tgt Ion:330 Resp: 158356
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 28.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 91.846 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Tgt Ion:172 Resp: 420131
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.0 18.9 28.3

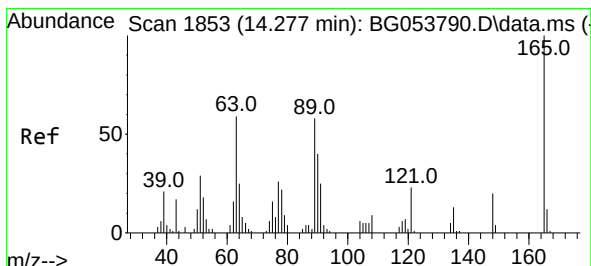
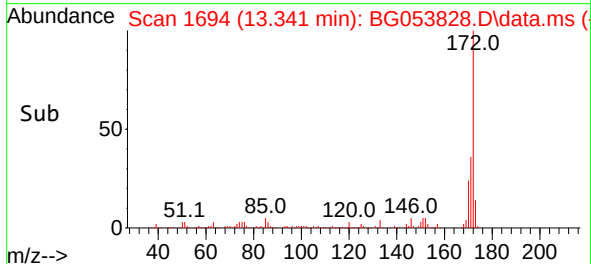
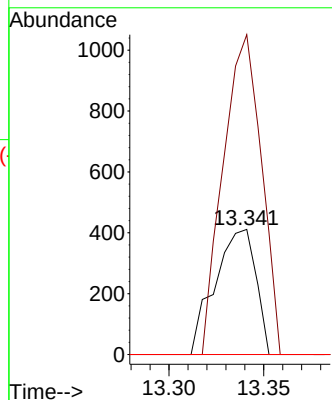
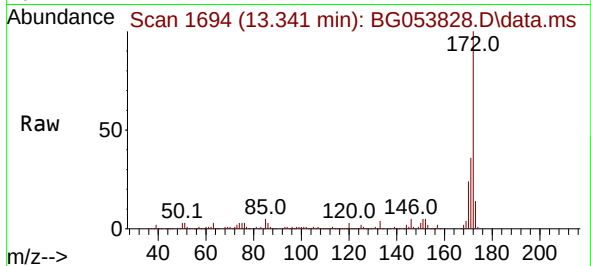




#48
2-Nitroaniline
Concen: 5.613 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.442 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

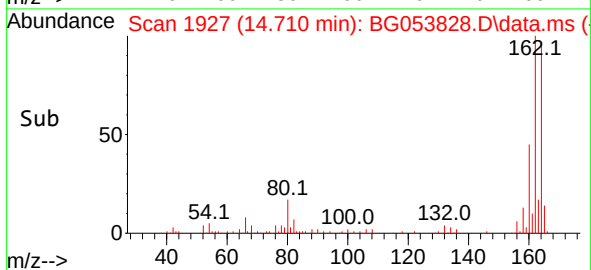
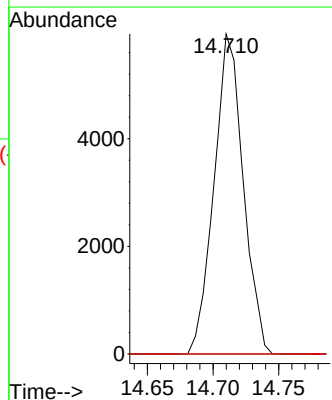
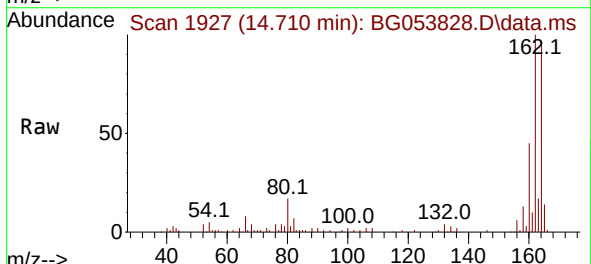
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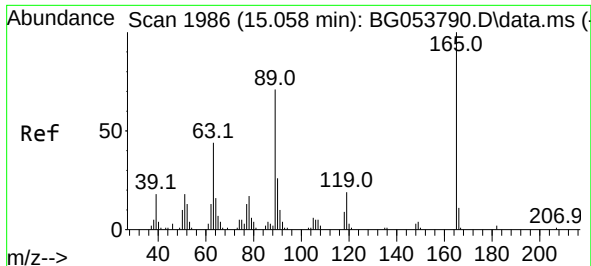
Tgt Ion: 65 Resp: 617
Ion Ratio Lower Upper
65 100
92 255.7 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.408 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Tgt Ion:165 Resp: 9198
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 11.218 ng

RT: 14.710 min Scan# 1986

Delta R.T. -0.348 min

Lab File: BG053828.D

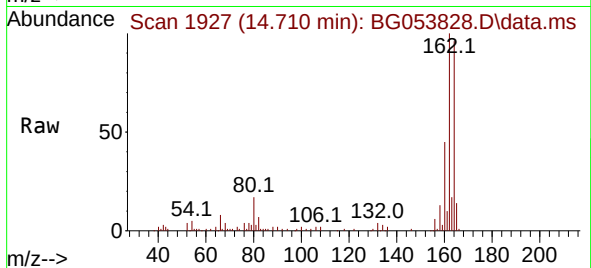
Acq: 6 Jun 2022 14:18

Instrument :

BNA_G

ClientSampleId :

20220392-SB-8-(DISCRETE-COMP-G)



Tgt Ion:165 Resp: 9198

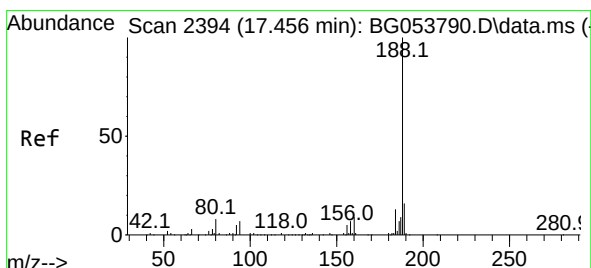
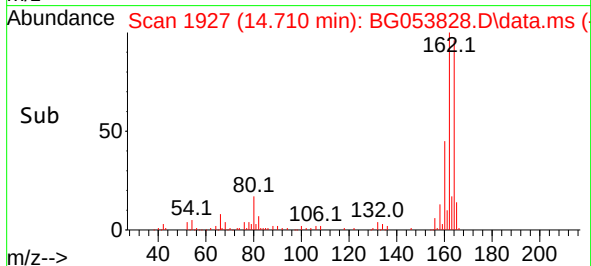
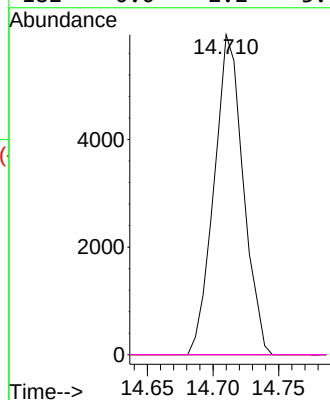
Ion Ratio Lower Upper

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: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053828.D

Acq: 6 Jun 2022 14:18

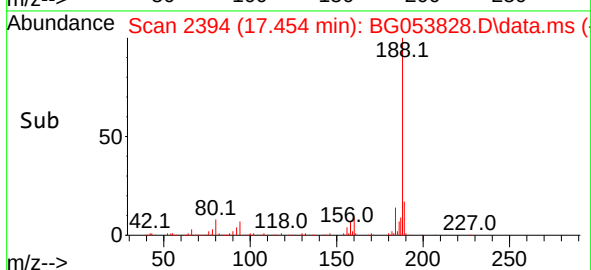
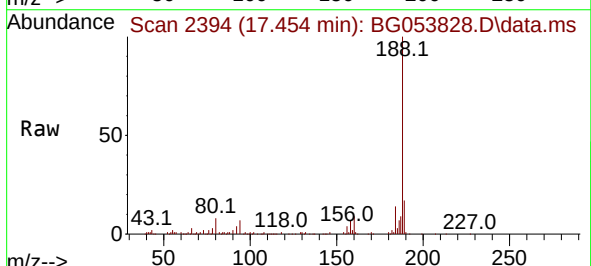
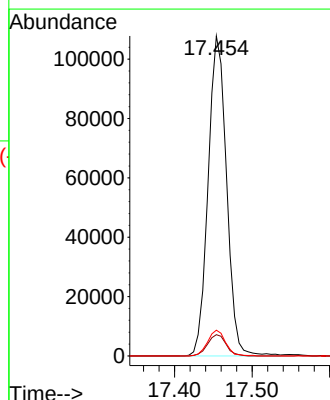
Tgt Ion:188 Resp: 178227

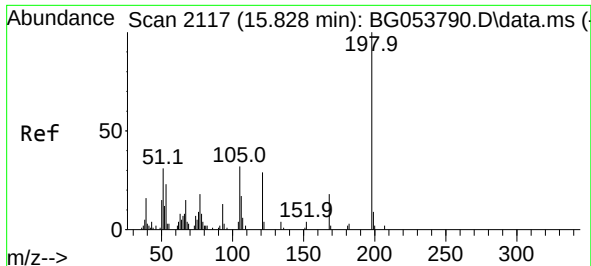
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 8.1 6.8 10.2

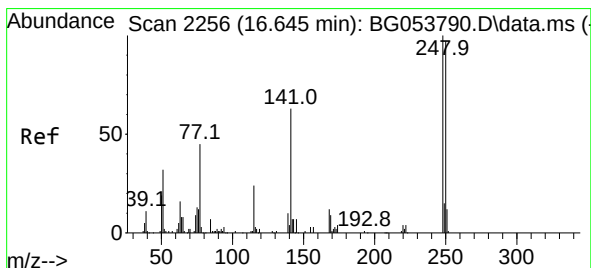
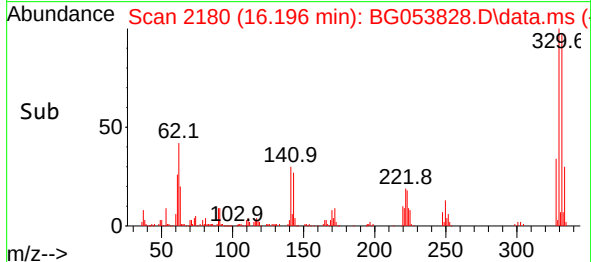
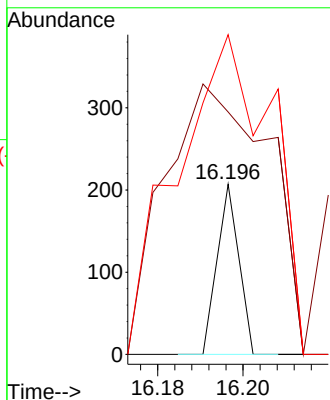
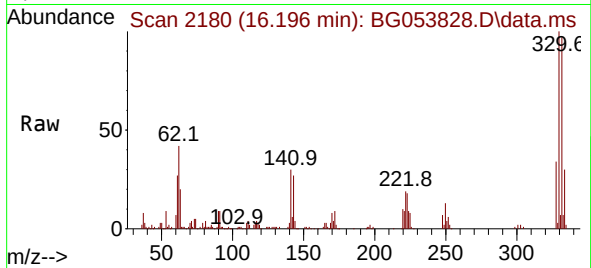




#65
4,6-Dinitro-2-methylphenol
Concen: 5.697 ng
RT: 16.196 min Scan# 2117
Delta R.T. 0.368 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

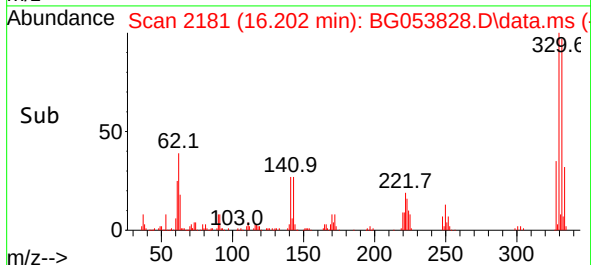
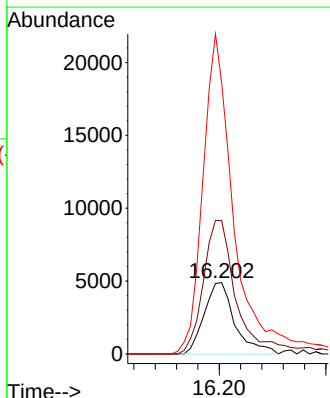
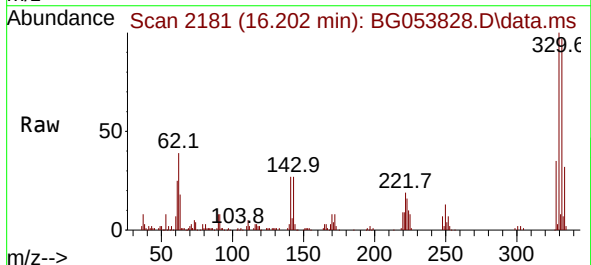
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BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

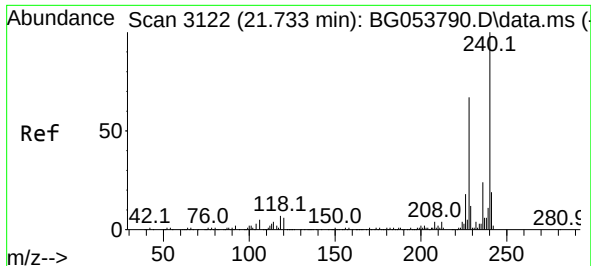
Tgt Ion:198 Resp: 73
Ion Ratio Lower Upper
198 100
51 142.5 28.1 68.1#
105 187.9 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.042 ng
RT: 16.202 min Scan# 2181
Delta R.T. -0.442 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Tgt Ion:248 Resp: 9764
Ion Ratio Lower Upper
248 100
250 238.3 75.2 112.8#
141 379.0 50.0 75.0#

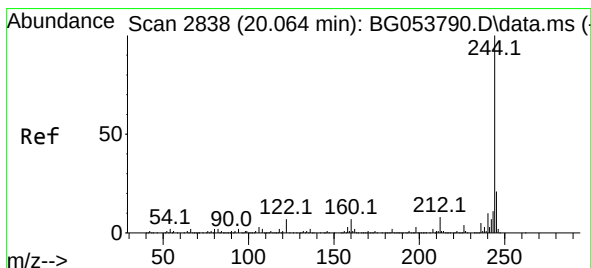
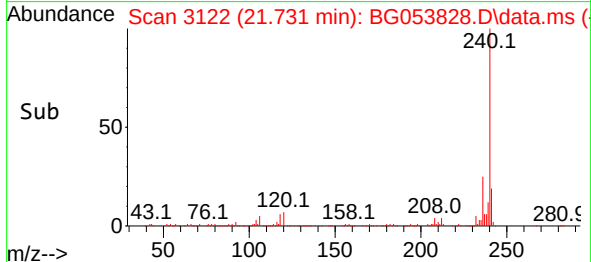
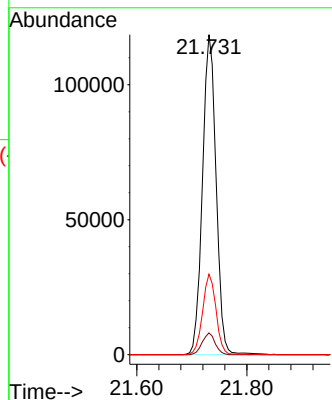
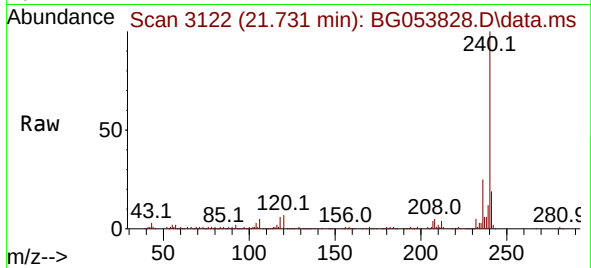




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

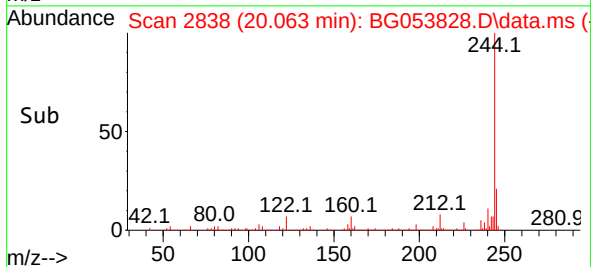
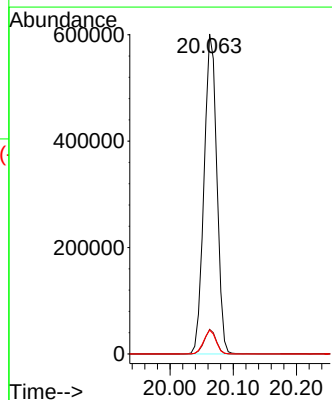
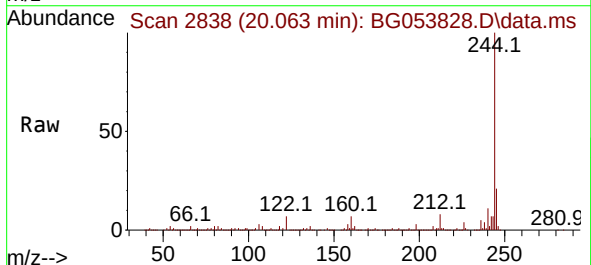
Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

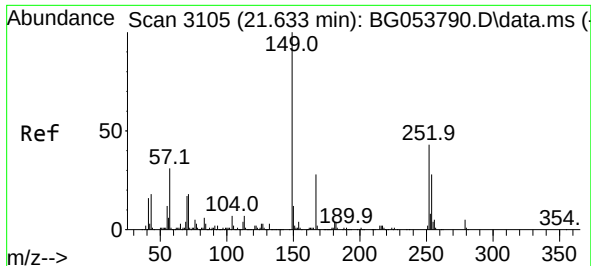
Tgt Ion:240 Resp: 203805
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.2 20.2 30.4



#79
Terphenyl-d14
Concen: 82.331 ng
RT: 20.063 min Scan# 2838
Delta R.T. -0.001 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Tgt Ion:244 Resp: 843437
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.5 5.0 7.4#

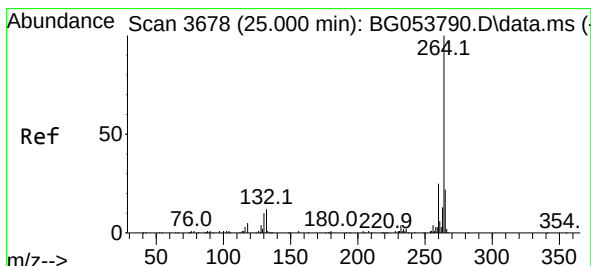
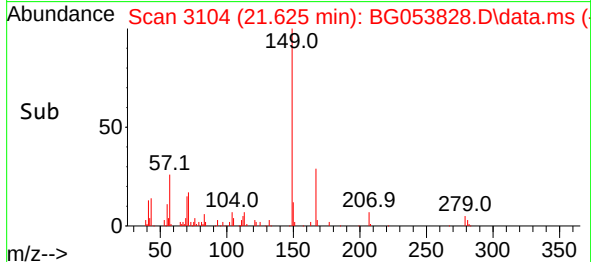
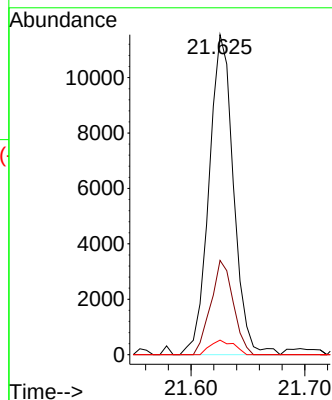
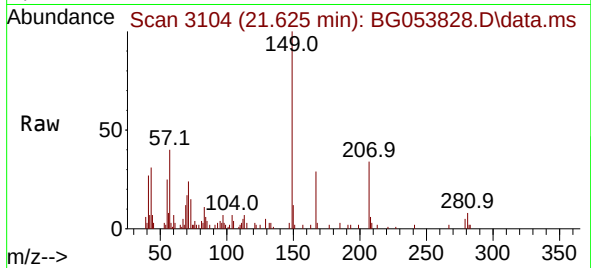




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.846 ng
RT: 21.625 min Scan# 3105
Delta R.T. -0.008 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Instrument :
BNA_G
ClientSampleId :
20220392-SB-8-(DISCRETE-COMP-G)

Tgt Ion:149 Resp: 17297
Ion Ratio Lower Upper
149 100
167 29.5 20.2 30.4
279 4.6 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.004 min Scan# 3679
Delta R.T. 0.004 min
Lab File: BG053828.D
Acq: 6 Jun 2022 14:18

Tgt Ion:264 Resp: 201708
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 21.0 17.4 26.2

