

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
 Data File : BG054406.D
 Acq On : 26 Jul 2022 20:27
 Operator : CG/JU
 Sample : N3833-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-072522

Quant Time: Jul 27 04:34:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

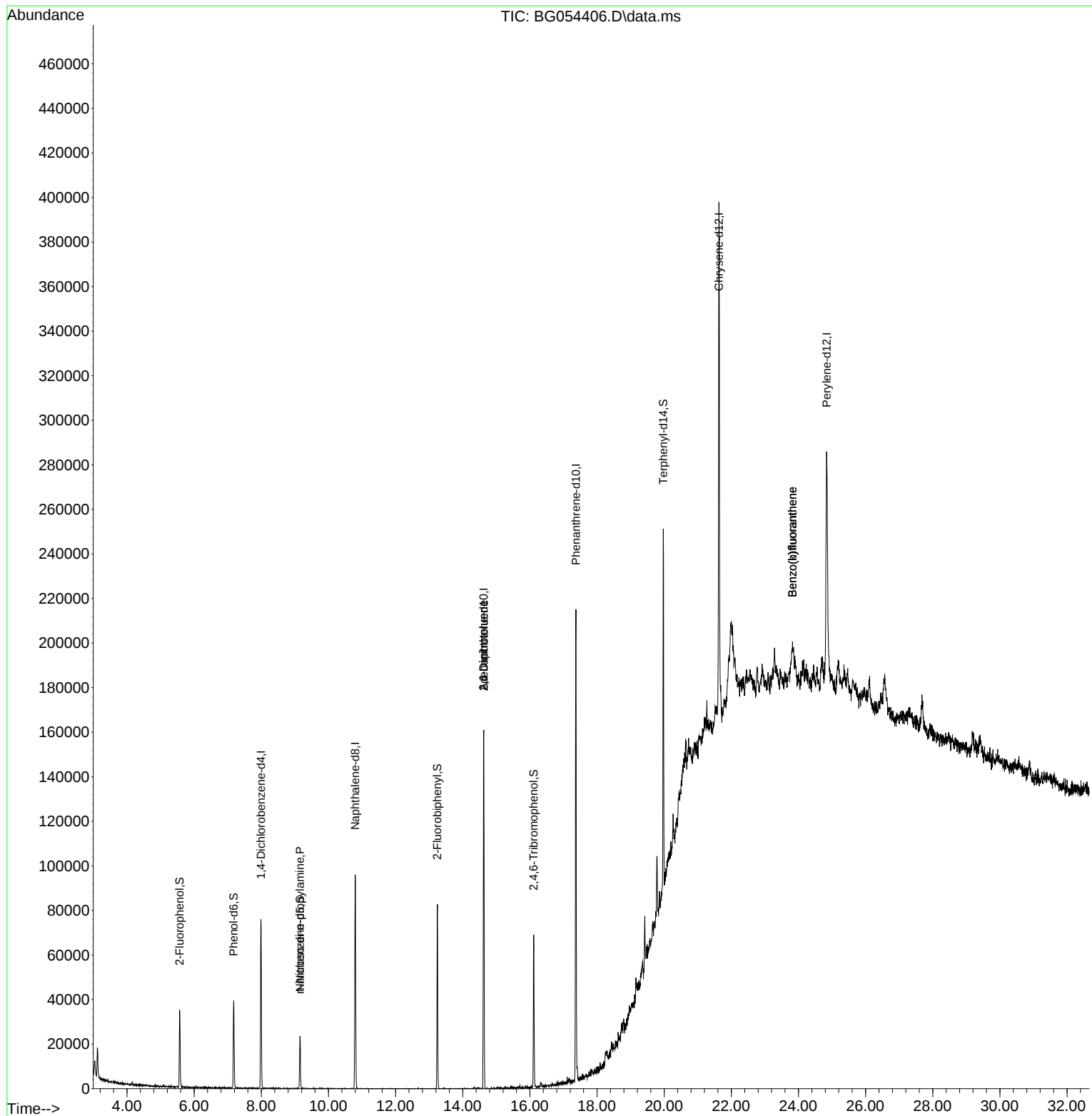
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	23631	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	87978	20.000	ng	#-0.01
39) Acenaphthene-d10	14.621	164	63700	20.000	ng	-0.01
64) Phenanthrene-d10	17.371	188	149769	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	165604	20.000	ng	#-0.01
86) Perylene-d12	24.839	264	153982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	17611	15.560	ng	0.00
7) Phenol-d6	7.177	99	23604	15.220	ng	0.00
23) Nitrobenzene-d5	9.151	82	15772	9.763	ng	-0.01
42) 2,4,6-Tribromophenol	16.113	330	19688	14.720	ng	-0.01
45) 2-Fluorobiphenyl	13.246	172	48709	10.787	ng	-0.01
79) Terphenyl-d14	19.974	244	93350	11.183	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.157	70	2390	2.308	ng	# 69
51) 2,6-Dinitrotoluene	14.621	165	9060	8.302	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	9060	5.791	ng	# 21
88) Benzo(b)fluoranthene	23.822	252	18673	2.051	ng	# 45
89) Benzo(k)fluoranthene	23.822	252	18673	2.060	ng	# 47

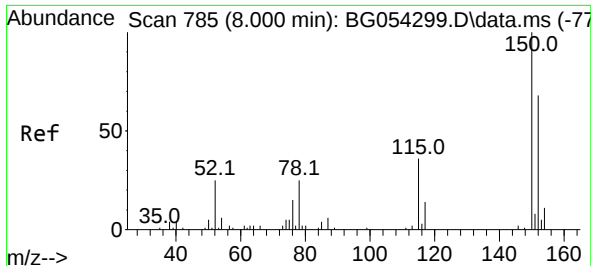
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 27 04:34:24 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 15:54:11 2022
Response via : Initial Calibration

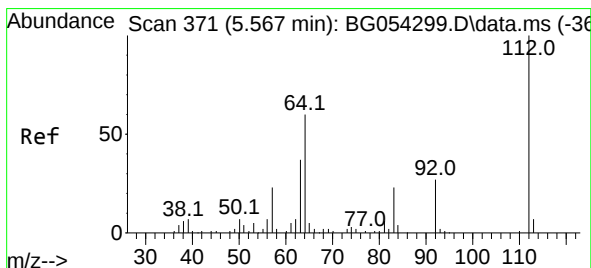
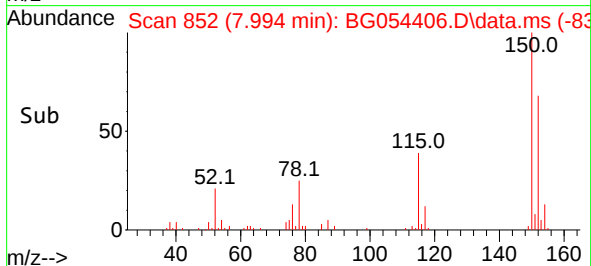
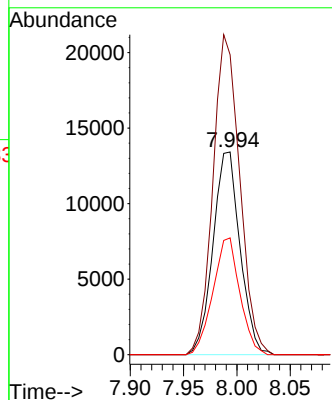
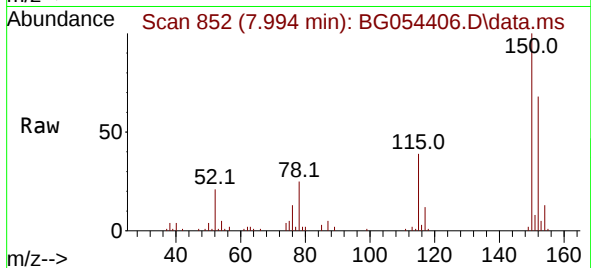




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

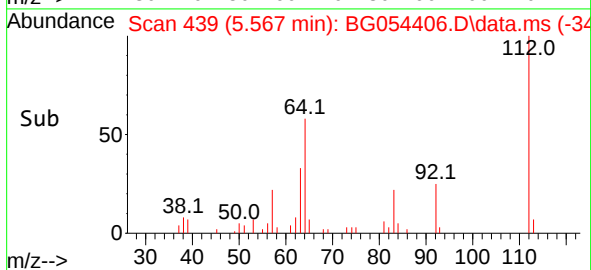
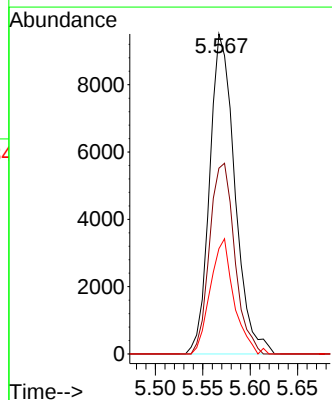
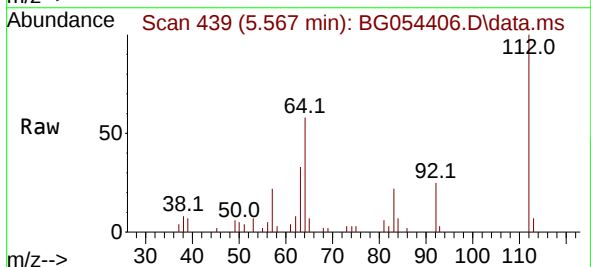
Instrument :
BNA_G
ClientSampleId :
CL-01-072522

Tgt Ion:152 Resp: 23631
Ion Ratio Lower Upper
152 100
150 147.9 131.6 197.4
115 57.6 50.9 76.3



#5
2-Fluorophenol
Concen: 15.560 ng
RT: 5.567 min Scan# 439
Delta R.T. -0.000 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

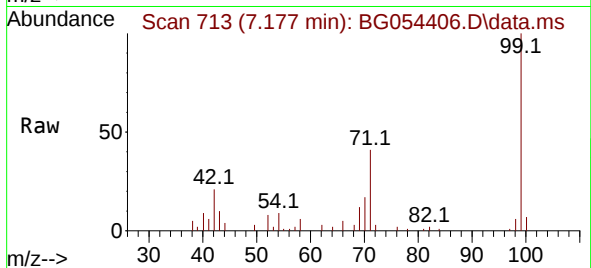
Tgt Ion:112 Resp: 17611
Ion Ratio Lower Upper
112 100
64 58.1 55.1 82.7
63 32.9 30.4 45.6



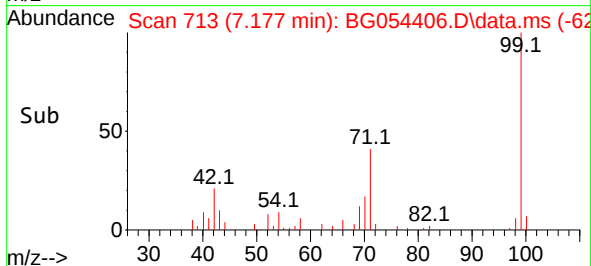
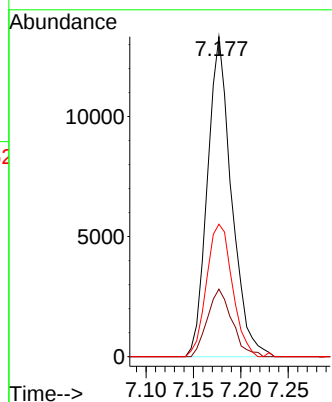


#7
Phenol-d6
Concen: 15.220 ng
RT: 7.177 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

Instrument :
BNA_G
ClientSampleId :
CL-01-072522

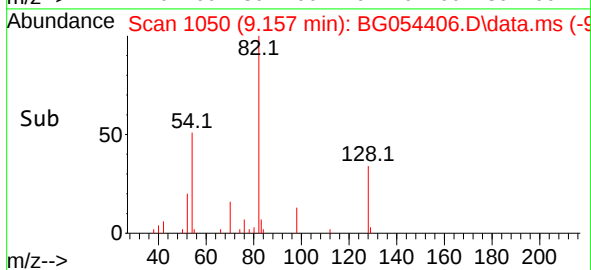
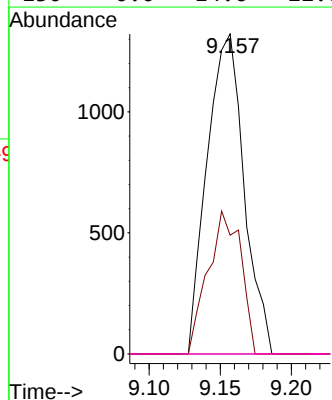
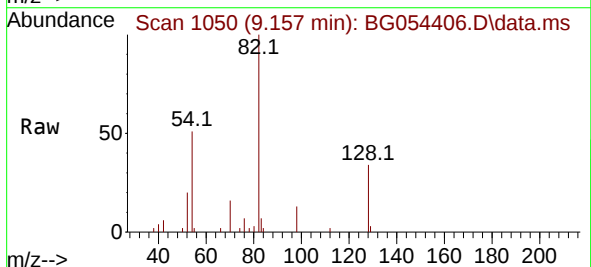


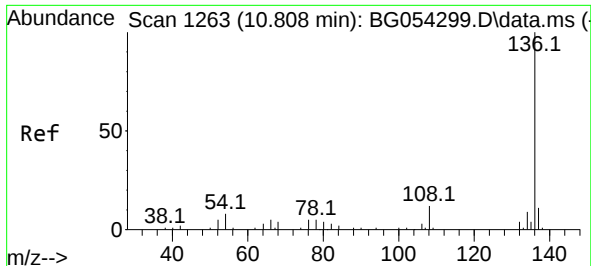
Tgt Ion: 99 Resp: 23604
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 41.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.308 ng
RT: 9.157 min Scan# 1050
Delta R.T. 0.352 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

Tgt Ion: 70 Resp: 2390
Ion Ratio Lower Upper
70 100
42 37.1 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

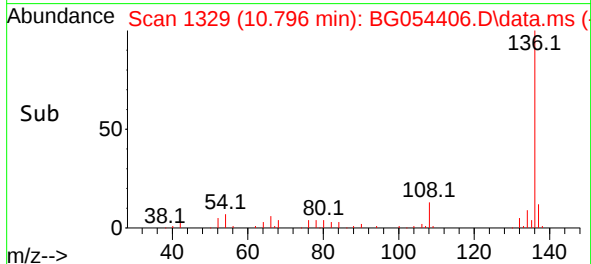
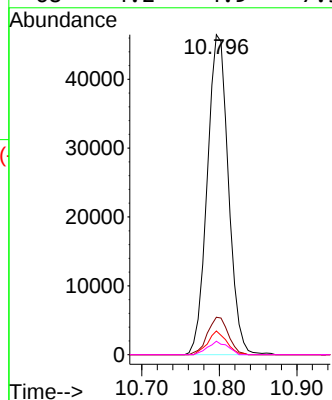
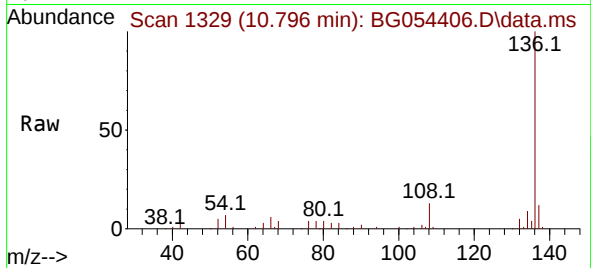




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

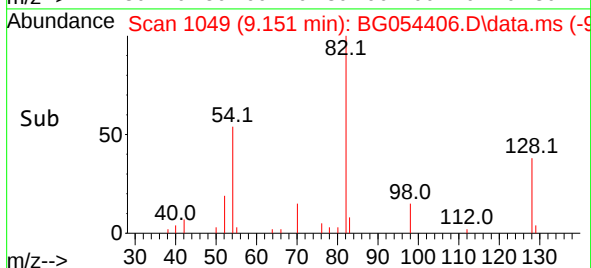
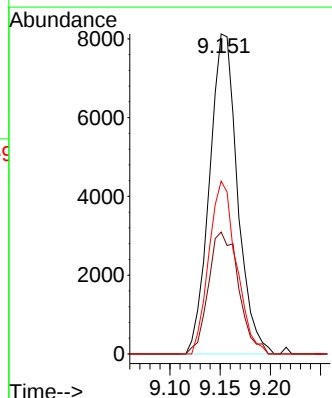
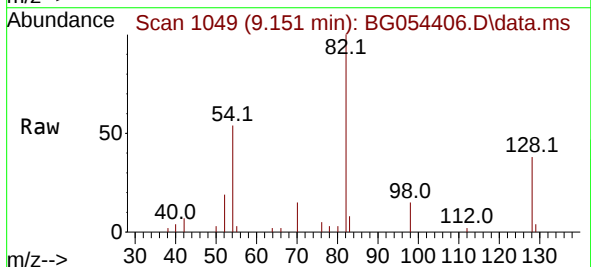
Instrument :
BNA_G
ClientSampleId :
CL-01-072522

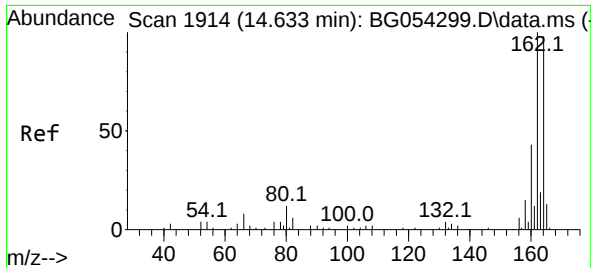
Tgt Ion:	136	Resp:	87978
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.5	12.7
54	7.4	7.4	11.2#
68	4.2	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 9.763 ng
RT: 9.151 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

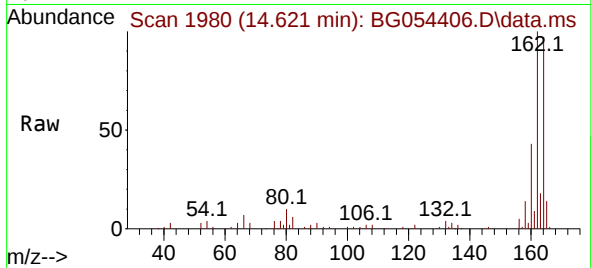
Tgt Ion:	82	Resp:	15772
Ion Ratio	Lower	Upper	
82	100		
128	38.1	27.9	41.9
54	54.0	41.2	61.8



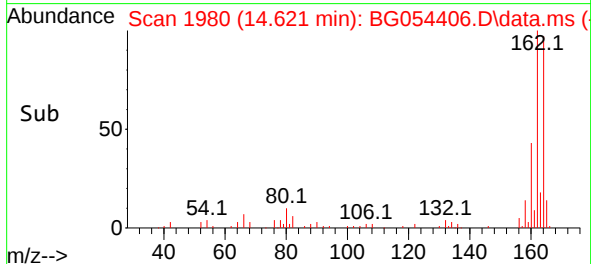
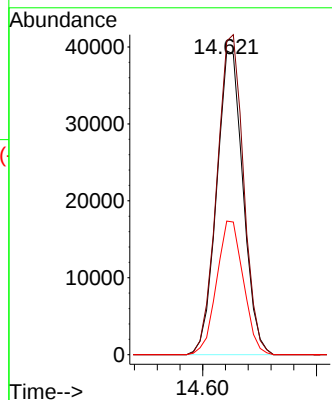


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

Instrument :
BNA_G
ClientSampleId :
CL-01-072522

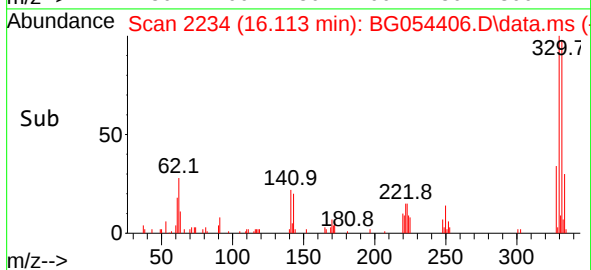
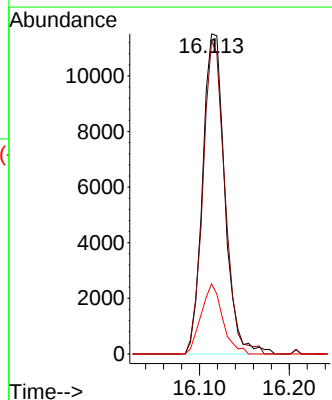
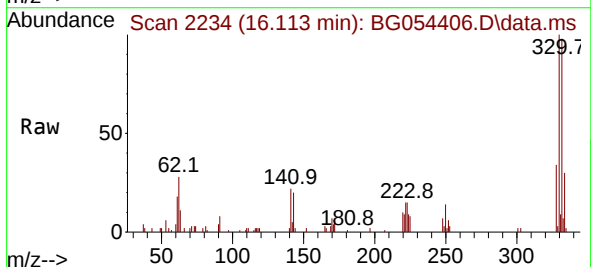


Tgt Ion:164 Resp: 63700
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 44.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 14.720 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

Tgt Ion:330 Resp: 19688
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 21.2 27.1 40.7#

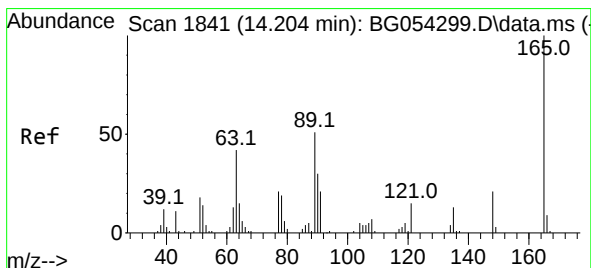
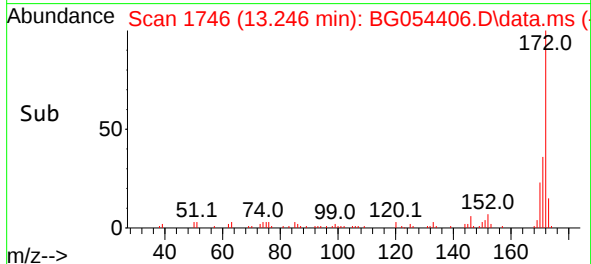
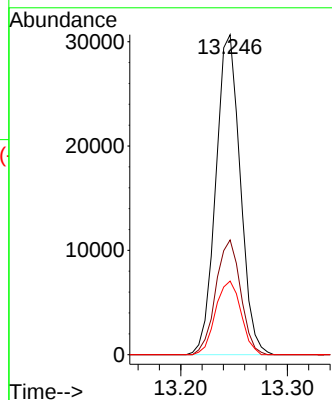
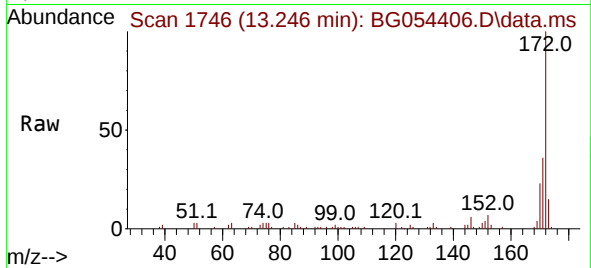




#45
2-Fluorobiphenyl
Concen: 10.787 ng
RT: 13.246 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

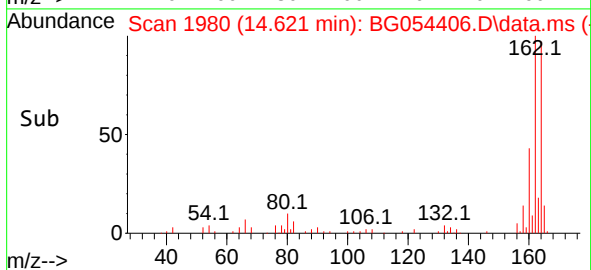
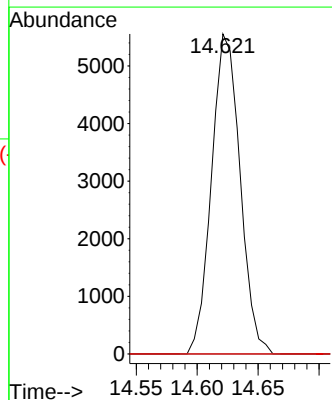
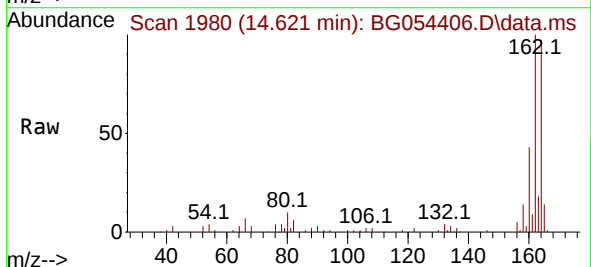
Instrument :
BNA_G
ClientSampleId :
CL-01-072522

Tgt Ion:172 Resp: 48709
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.302 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.417 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

Tgt Ion:165 Resp: 9060
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

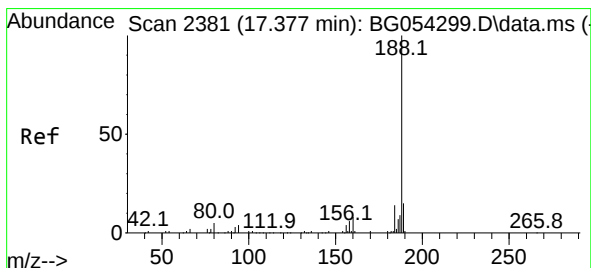
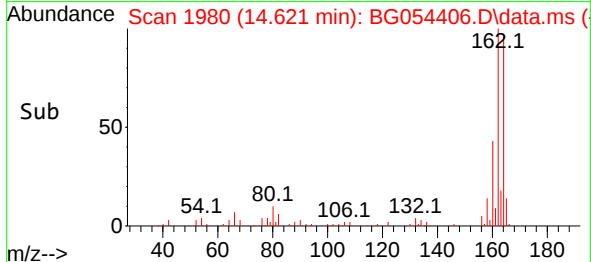
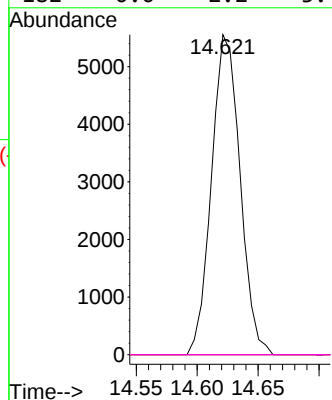
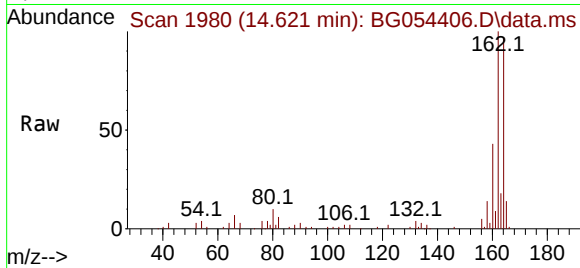




#57
2,4-Dinitrotoluene
Concen: 5.791 ng
RT: 14.621 min Scan# 14
Delta R.T. -0.376 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

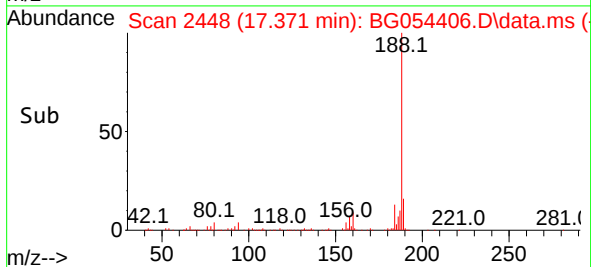
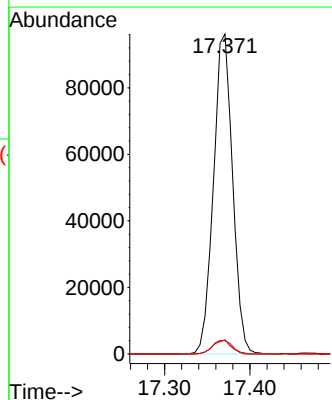
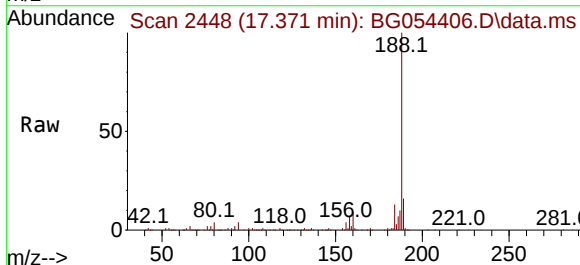
Instrument :
BNA_G
ClientSampleId :
CL-01-072522

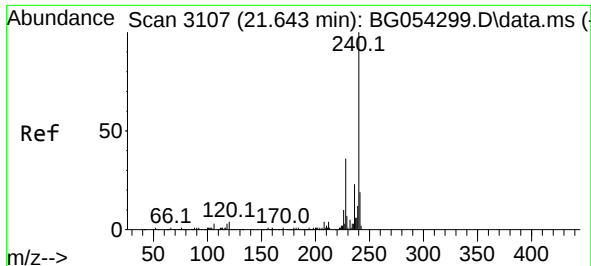
Tgt Ion:165 Resp: 9060
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

Tgt Ion:188 Resp: 149769
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 4.1 6.8 10.2#

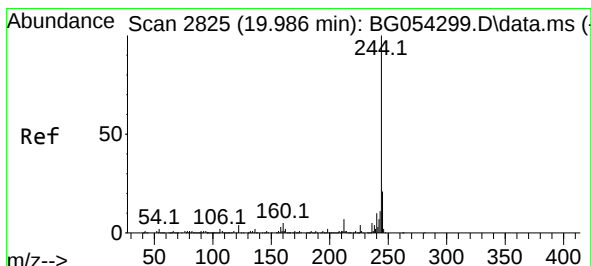
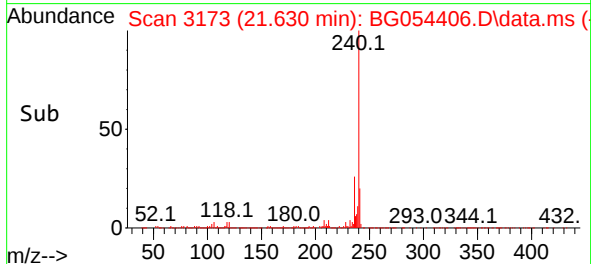
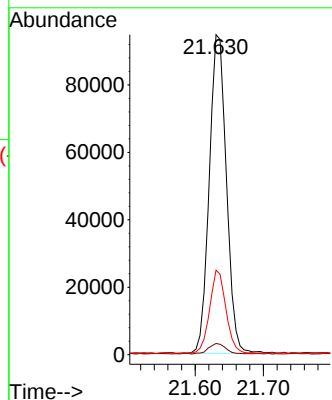
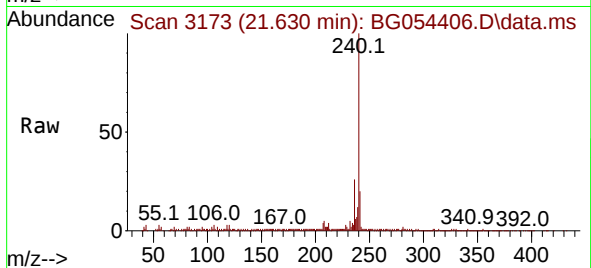




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

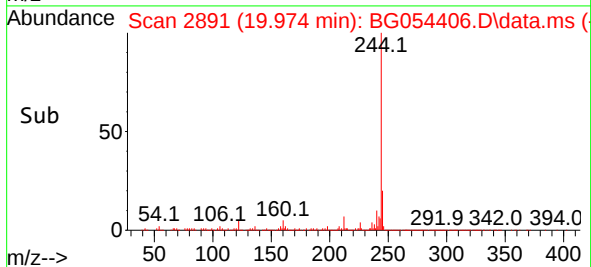
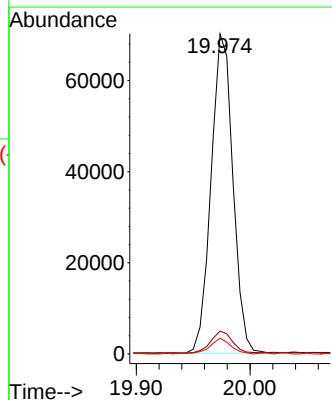
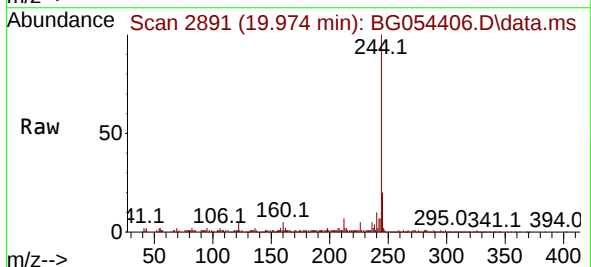
Instrument :
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CL-01-072522

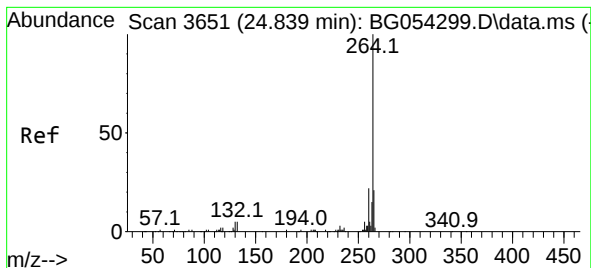
Tgt Ion:240 Resp: 165604
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 26.4 20.2 30.4



#79
Terphenyl-d14
Concen: 11.183 ng
RT: 19.974 min Scan# 2891
Delta R.T. -0.012 min
Lab File: BG054406.D
Acq: 26 Jul 2022 20:27

Tgt Ion:244 Resp: 93350
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 5.0 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.839 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG054406.D

Acq: 26 Jul 2022 20:27

Instrument :

BNA_G

ClientSampleId :

CL-01-072522

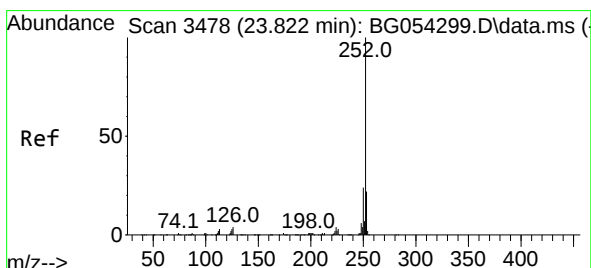
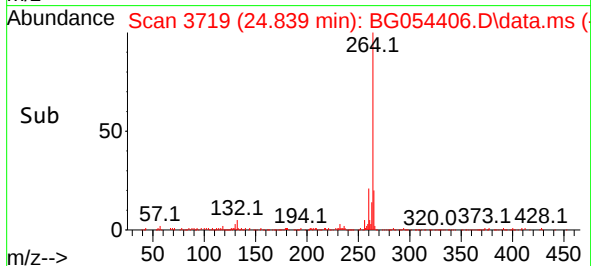
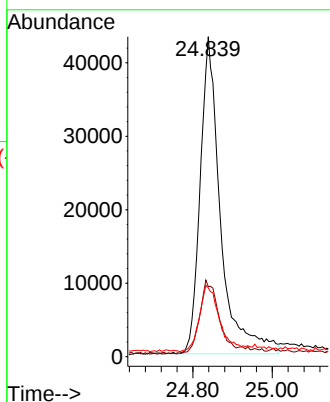
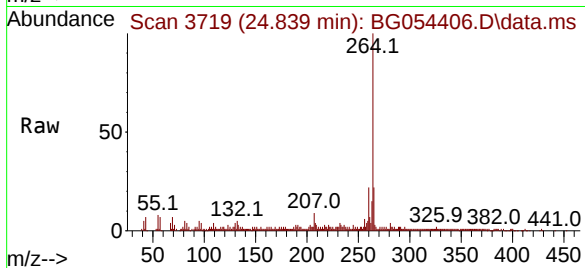
Tgt Ion:264 Resp: 153982

Ion Ratio Lower Upper

264 100

260 21.9 19.0 28.6

265 21.5 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.051 ng

RT: 23.822 min Scan# 3546

Delta R.T. -0.000 min

Lab File: BG054406.D

Acq: 26 Jul 2022 20:27

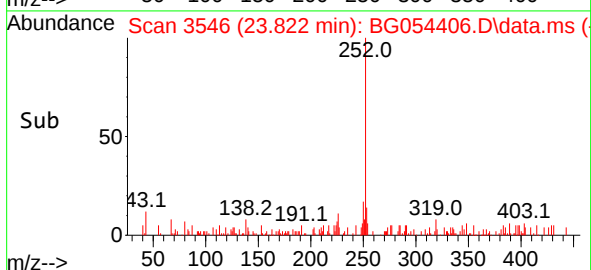
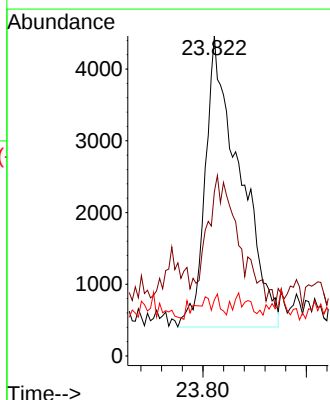
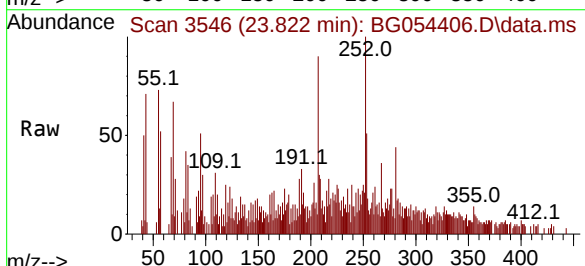
Tgt Ion:252 Resp: 18673

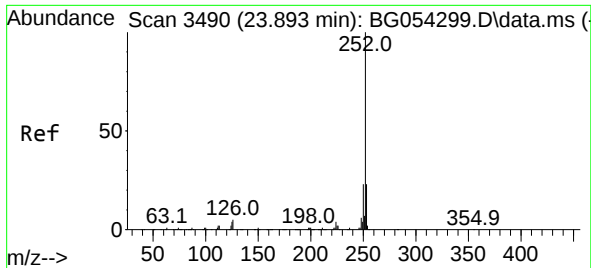
Ion Ratio Lower Upper

252 100

253 51.3 18.0 27.0#

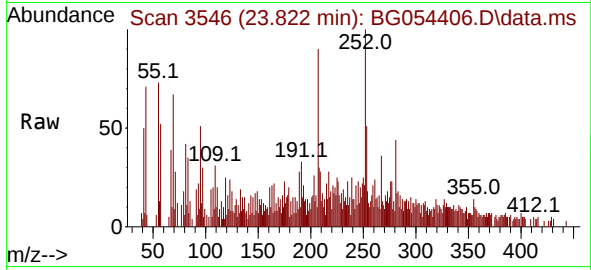
125 17.6 4.6 6.8#





#89
 Benzo(k)fluoranthene
 Concen: 2.060 ng
 RT: 23.822 min Scan# 31
 Delta R.T. -0.071 min
 Lab File: BG054406.D
 Acq: 26 Jul 2022 20:27

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-072522



Tgt Ion:252 Resp: 18673
 Ion Ratio Lower Upper
 252 100
 253 51.3 18.4 27.6#
 125 17.6 4.8 7.2#

