

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053812.D
 Acq On : 3 Jun 2022 14:19
 Operator : CG/JU
 Sample : N2984-05RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P014-SS002-2430-01

Quant Time: Jun 03 18:19:27 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)

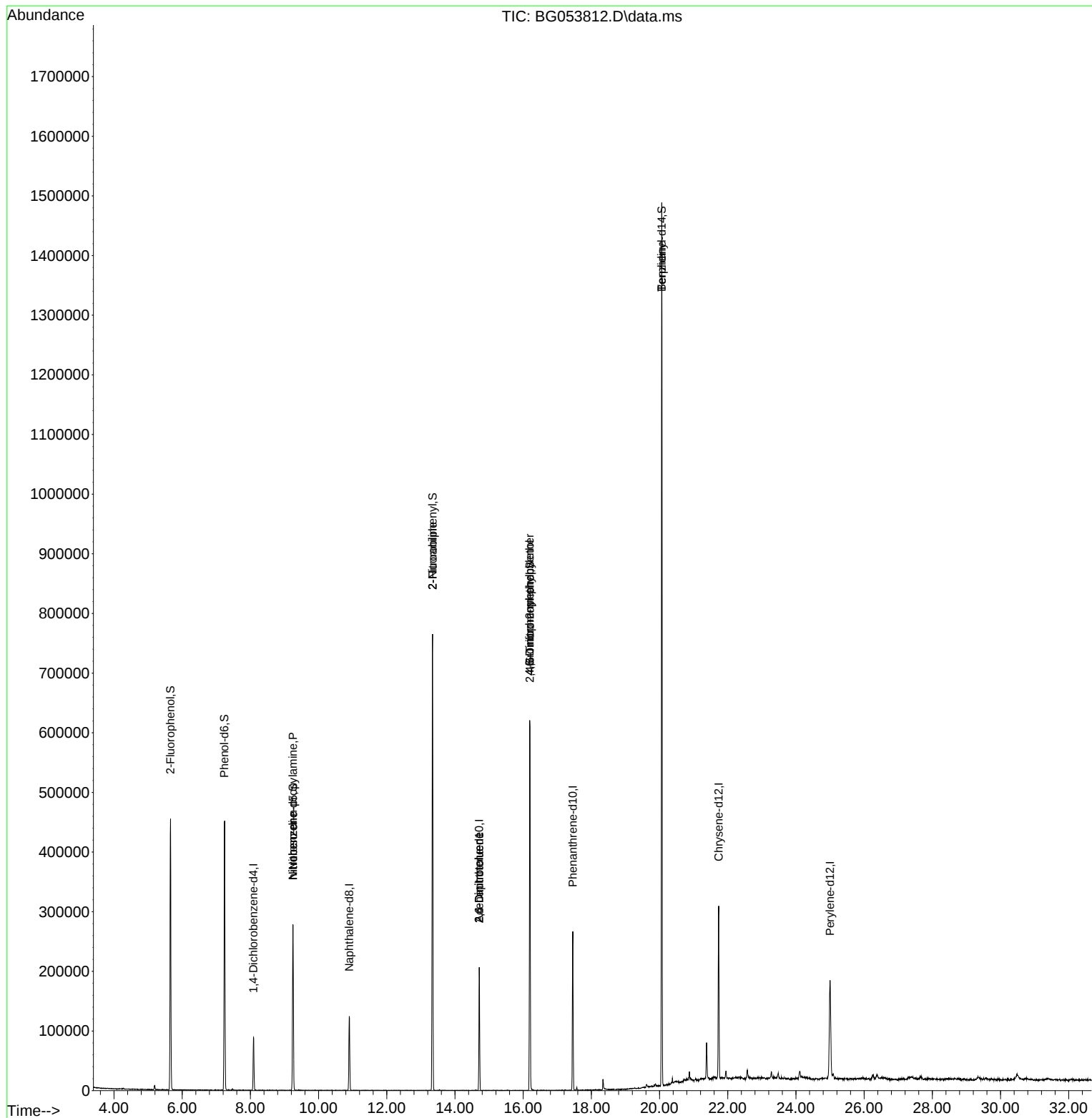
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	27505	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	111698	20.000	ng	0.00
39) Acenaphthene-d10	14.712	164	77069	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	185074	20.000	ng	0.00
76) Chrysene-d12	21.733	240	188005	20.000	ng	0.00
86) Perylene-d12	25.000	264	192553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	208213	139.012	ng	0.00
7) Phenol-d6	7.239	99	271572	133.850	ng	0.00
23) Nitrobenzene-d5	9.248	82	173875	102.223	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	138037	147.553	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	447804	86.924	ng	0.00
79) Terphenyl-d14	20.065	244	793361	83.951	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	23238	16.171	ng	# 80
24) Nitrobenzene	9.248	77	518	3.228	ng	# 39
48) 2-Nitroaniline	13.343	65	631	5.560	ng	# 2
51) 2,6-Dinitrotoluene	14.712	165	10861	13.863	ng	# 16
57) 2,4-Dinitrotoluene	14.712	165	10861	11.548	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.193	198	216	5.872	ng	# 67
67) 4-Bromophenyl-phenylether	16.193	248	9180	4.565	ng	# 1
77) Benzidine	20.065	184	11363	2.472	ng	# 94

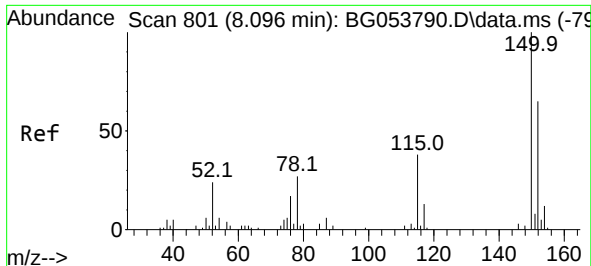
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
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Instrument :
BNA_G
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P014-SS002-2430-01

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QLast Update : Thu Jun 02 23:22:27 2022
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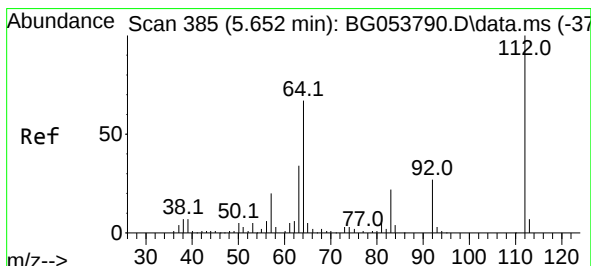
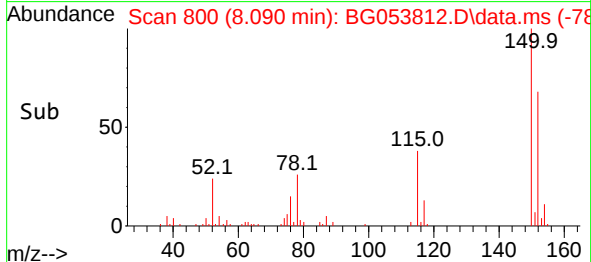
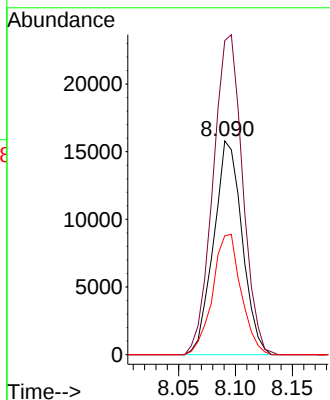
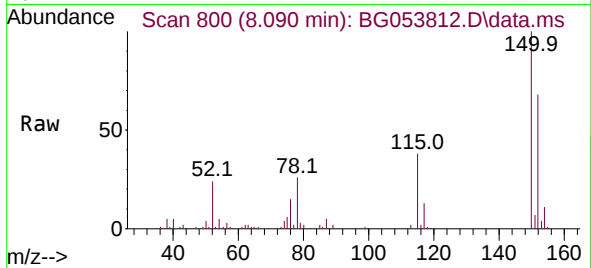




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

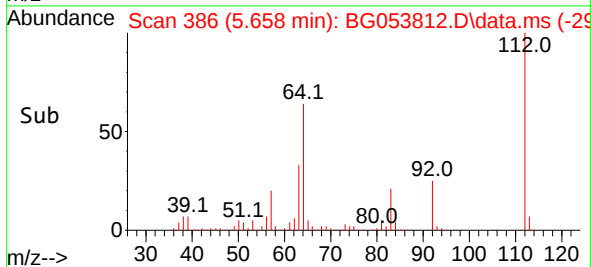
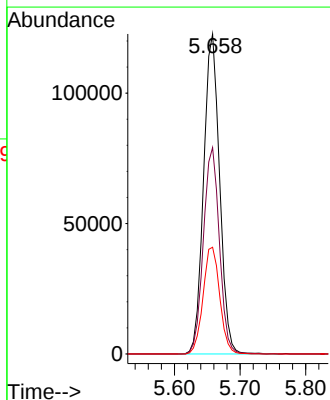
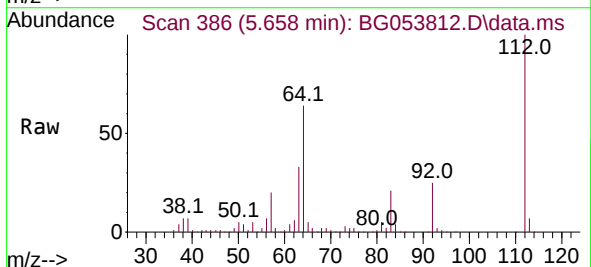
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01

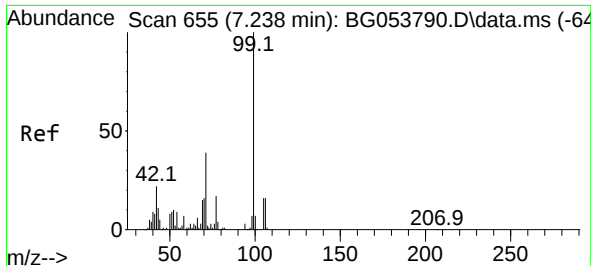
Tgt Ion:152 Resp: 27505
Ion Ratio Lower Upper
152 100
150 146.9 131.6 197.4
115 55.6 50.9 76.3



#5
2-Fluorophenol
Concen: 139.012 ng
RT: 5.658 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

Tgt Ion:112 Resp: 208213
Ion Ratio Lower Upper
112 100
64 64.5 55.1 82.7
63 33.4 30.4 45.6

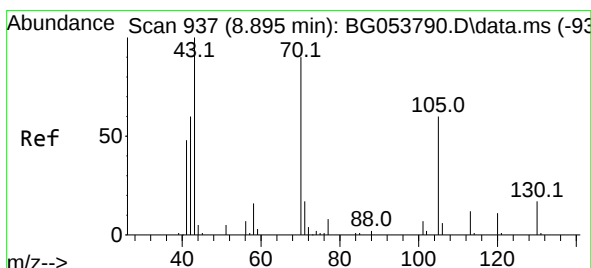
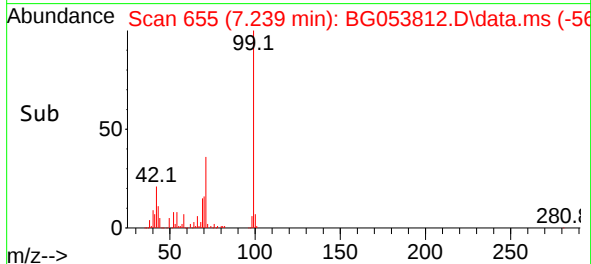
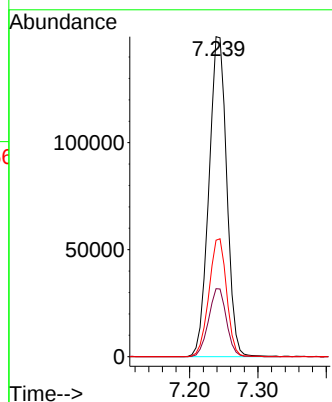
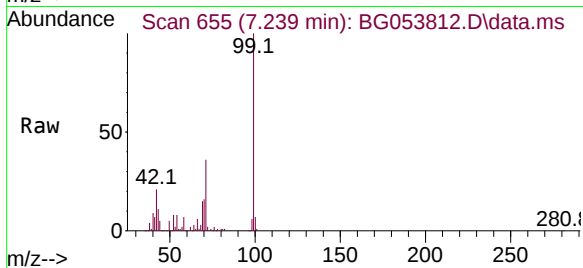




#7
Phenol-d6
Concen: 133.850 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

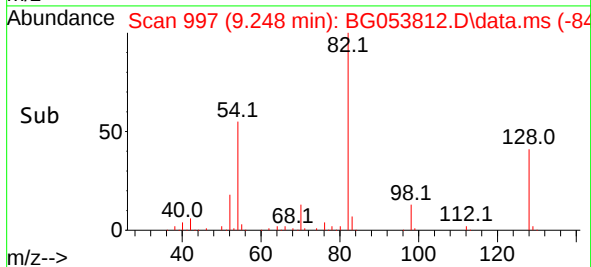
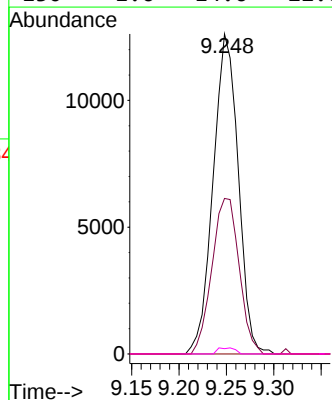
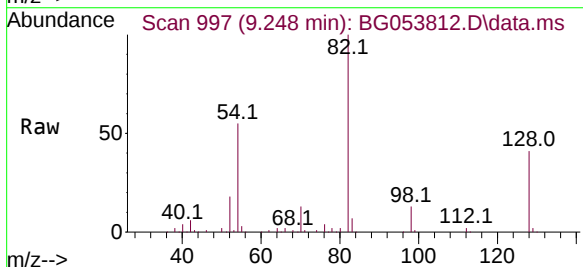
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01

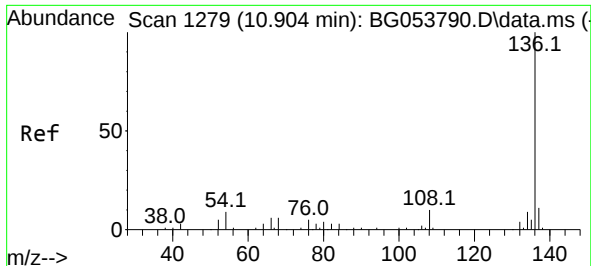
Tgt Ion: 99 Resp: 271572
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 36.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.171 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

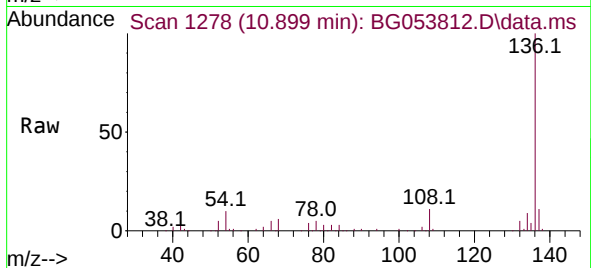
Tgt Ion: 70 Resp: 23238
Ion Ratio Lower Upper
70 100
42 48.6 47.3 70.9
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#



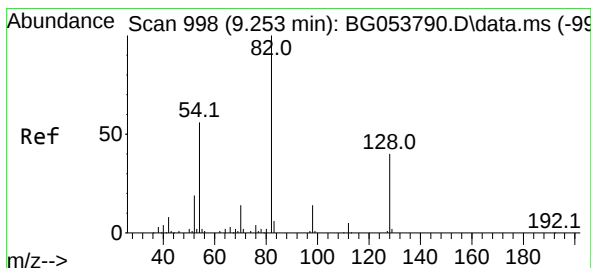
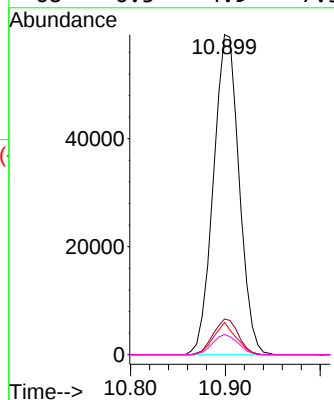


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01

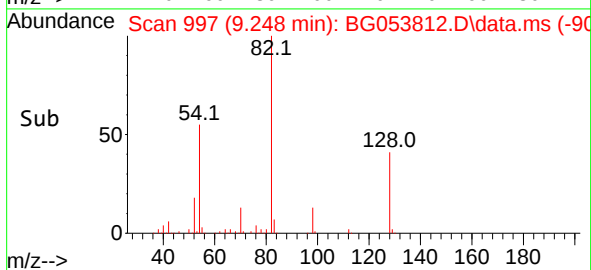
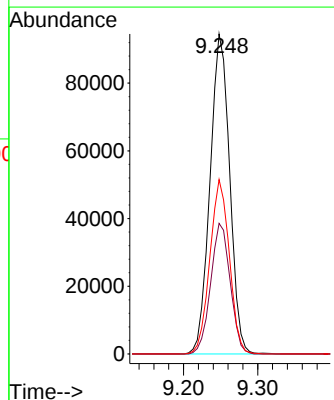
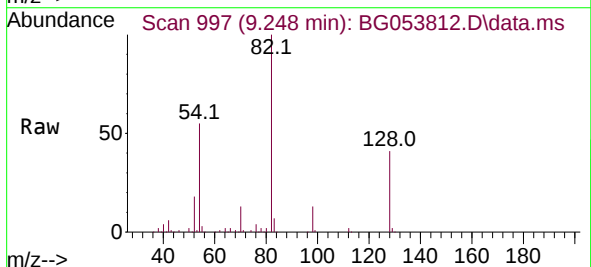


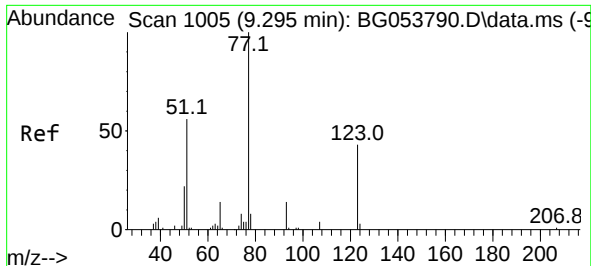
Tgt Ion:	136	Resp:	111698
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	10.1	7.4	11.2
68	6.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 102.223 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

Tgt Ion:	82	Resp:	173875
Ion Ratio	Lower	Upper	
82	100		
128	40.8	27.9	41.9
54	54.5	41.2	61.8

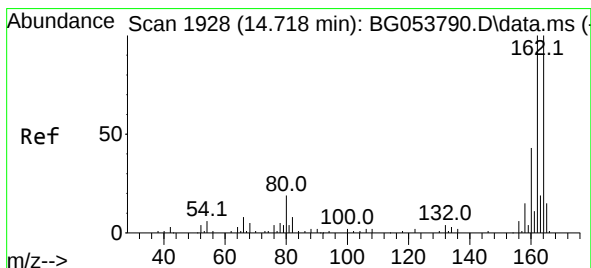
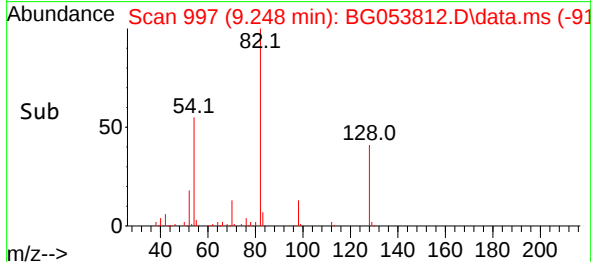
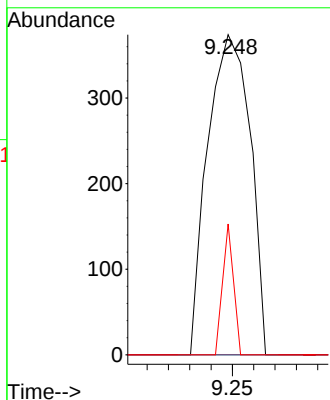
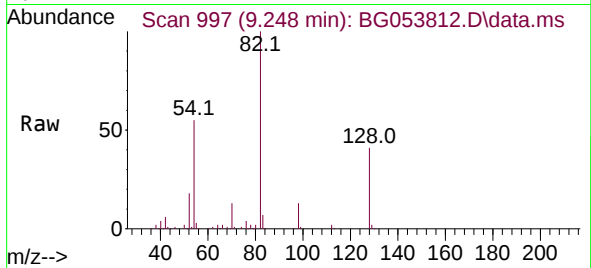




#24
 Nitrobenzene
 Concen: 3.228 ng
 RT: 9.248 min Scan# 91
 Delta R.T. -0.047 min
 Lab File: BG053812.D
 Acq: 3 Jun 2022 14:19

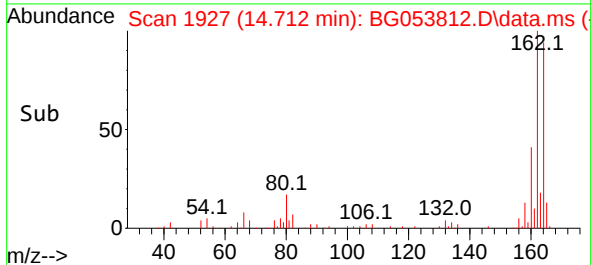
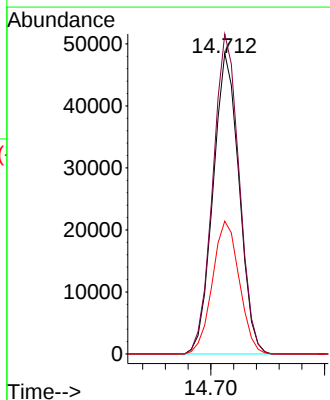
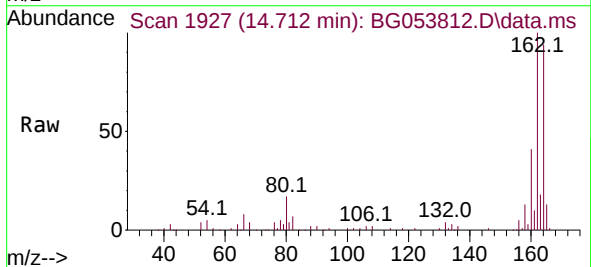
Instrument :
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 ClientSampleId :
 P014-SS002-2430-01

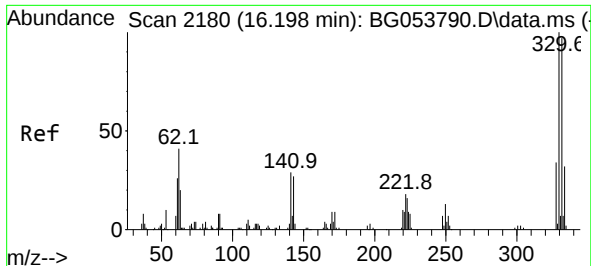
Tgt Ion: 77 Resp: 518
 Ion Ratio Lower Upper
 77 100
 123 0.0 27.4 41.0#
 65 40.9 11.4 17.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.712 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: BG053812.D
 Acq: 3 Jun 2022 14:19

Tgt Ion: 164 Resp: 77069
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.3 123.5
 160 44.1 34.2 51.2

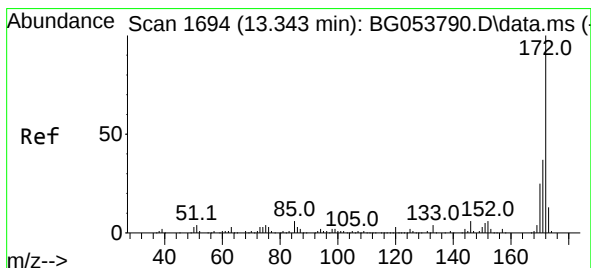
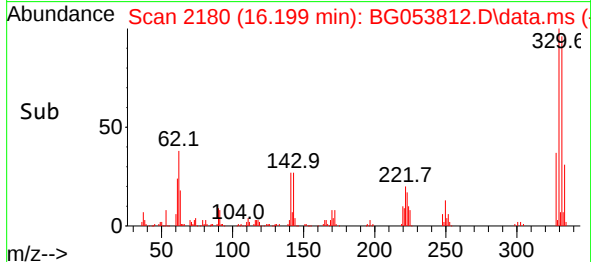
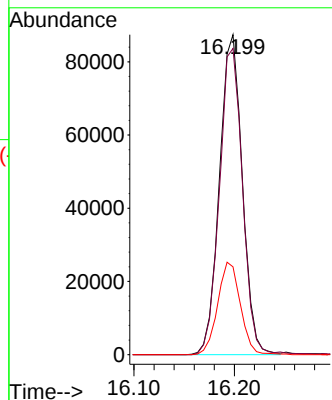
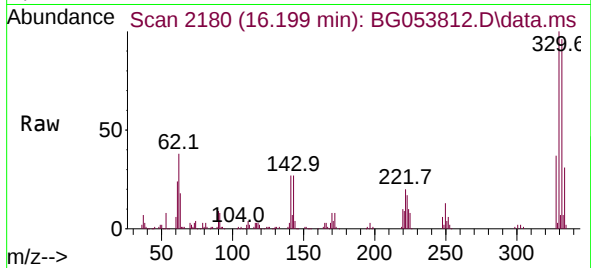




#42
2,4,6-Tribromophenol
Concen: 147.553 ng
RT: 16.199 min Scan# 2180
Delta R.T. 0.001 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

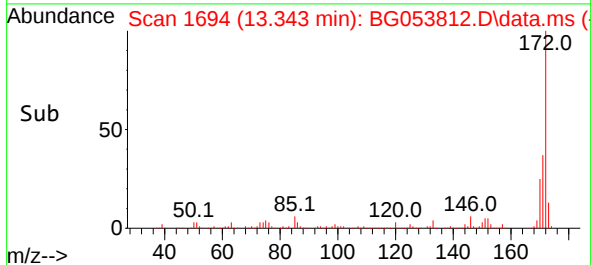
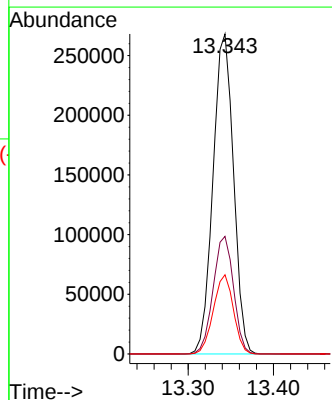
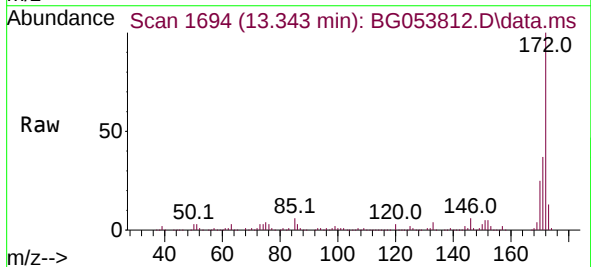
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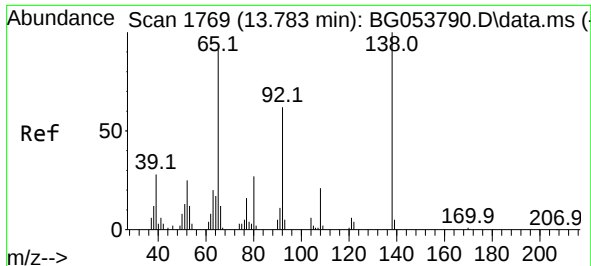
Tgt Ion:330 Resp: 138037
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 28.7 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 86.924 ng
RT: 13.343 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

Tgt Ion:172 Resp: 447804
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.8 18.9 28.3

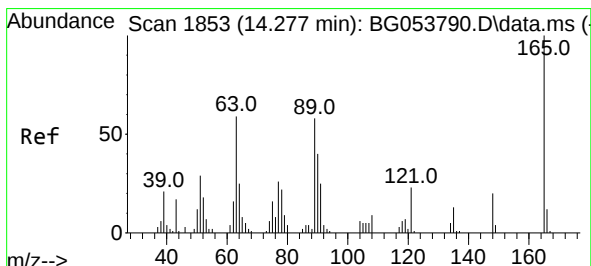
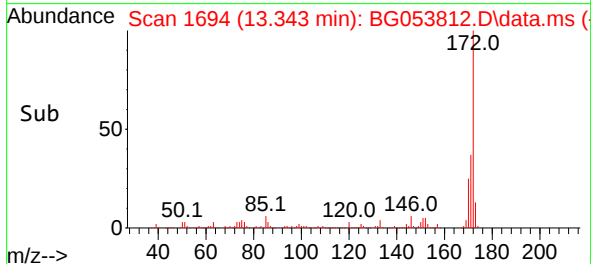
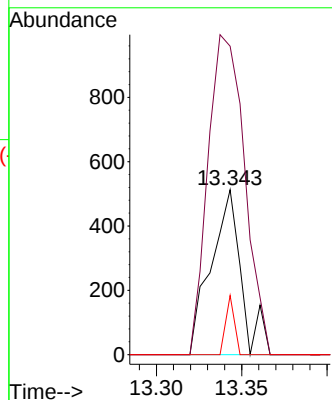
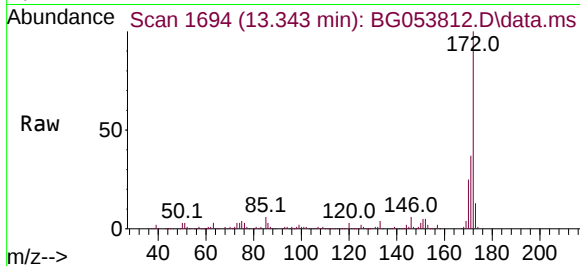




#48
2-Nitroaniline
Concen: 5.560 ng
RT: 13.343 min Scan# 1
Delta R.T. -0.440 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

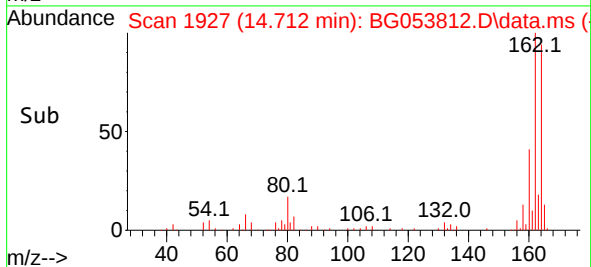
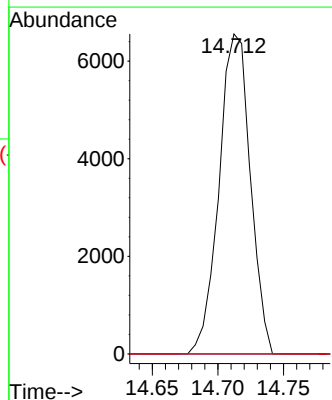
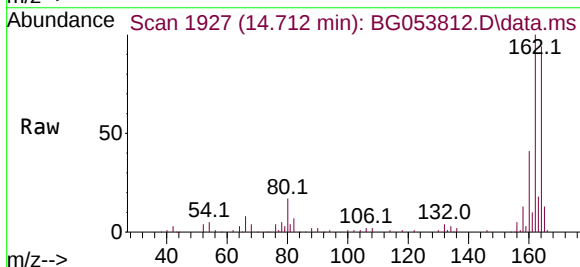
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ClientSampleId :
P014-SS002-2430-01

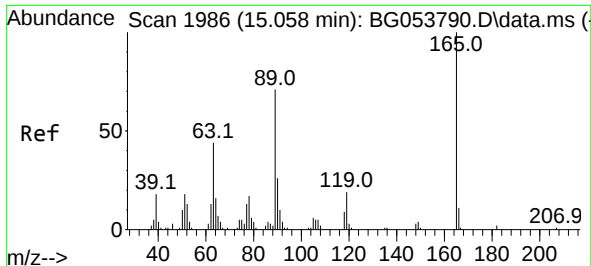
Tgt Ion: 65 Resp: 631
Ion Ratio Lower Upper
65 100
92 186.9 51.5 77.3#
138 35.9 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.863 ng
RT: 14.712 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

Tgt Ion:165 Resp: 10861
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: 11.548 ng

RT: 14.712 min Scan# 1986

Delta R.T. -0.346 min

Lab File: BG053812.D

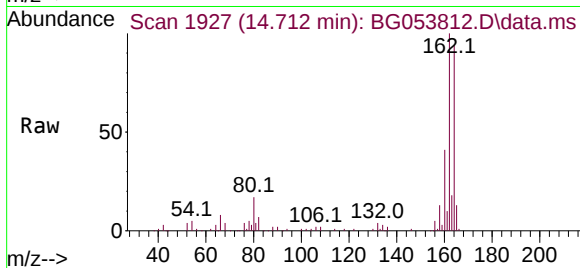
Acq: 3 Jun 2022 14:19

Instrument :

BNA_G

ClientSampleId :

P014-SS002-2430-01



Tgt Ion:165 Resp: 10861

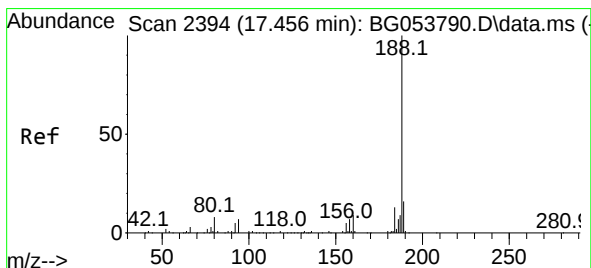
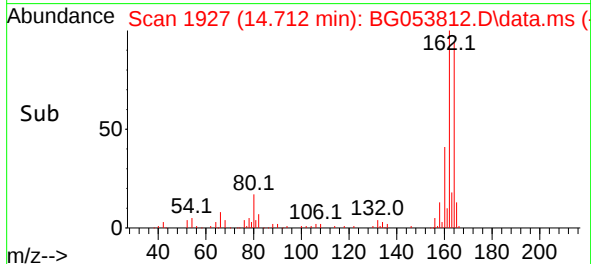
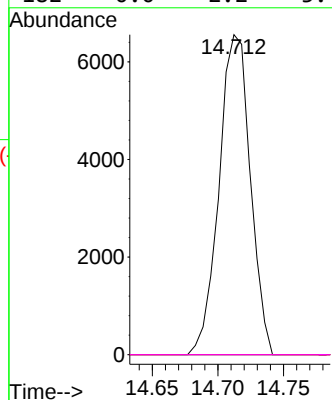
Ion Ratio Lower Upper

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: 17.456 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BG053812.D

Acq: 3 Jun 2022 14:19

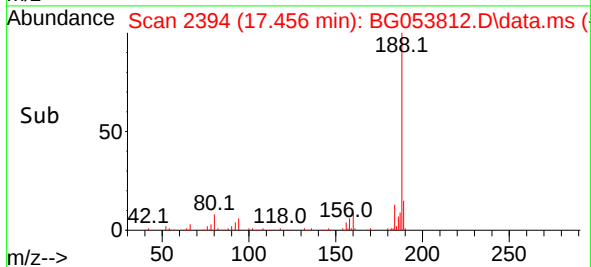
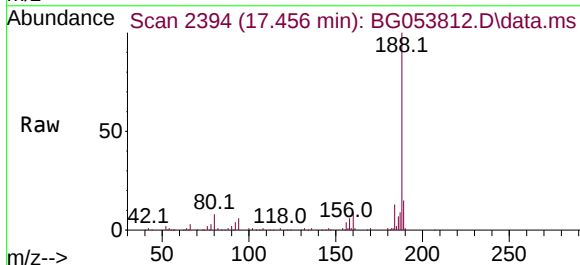
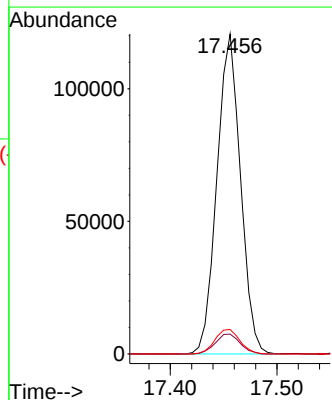
Tgt Ion:188 Resp: 185074

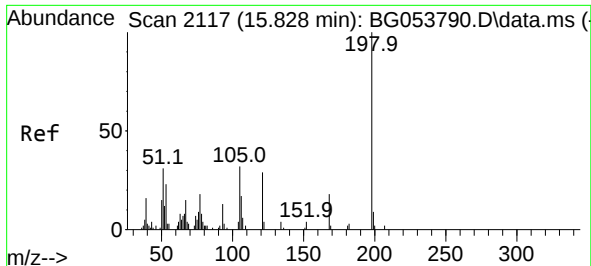
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

80 7.6 6.8 10.2

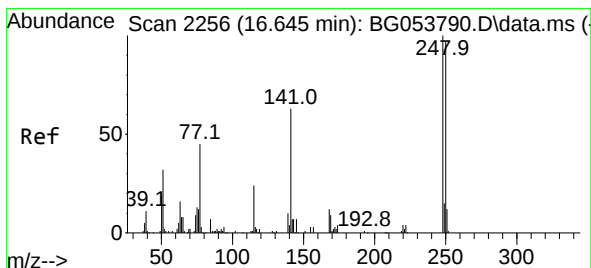
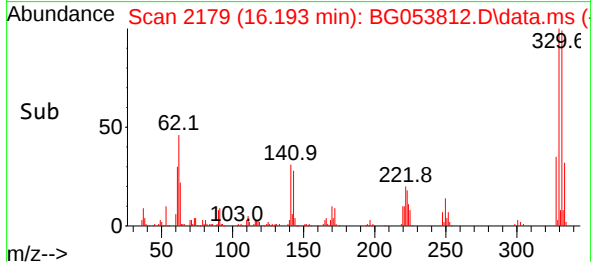
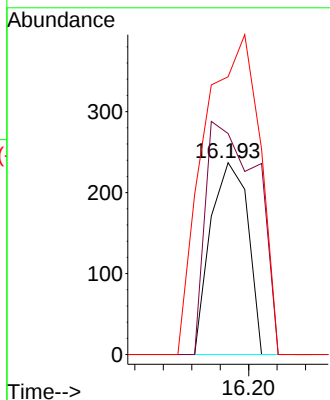
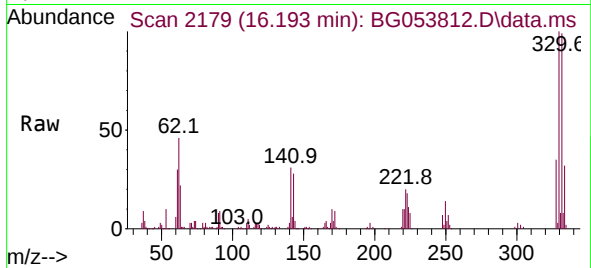




#65
4,6-Dinitro-2-methylphenol
Concen: 5.872 ng
RT: 16.193 min Scan# 2117
Delta R.T. 0.365 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

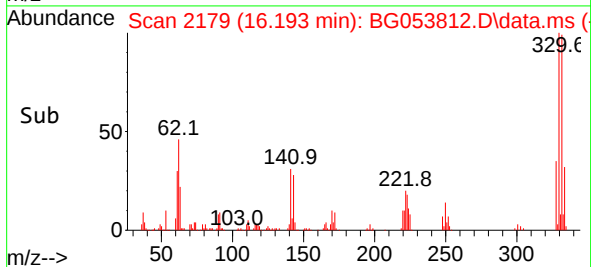
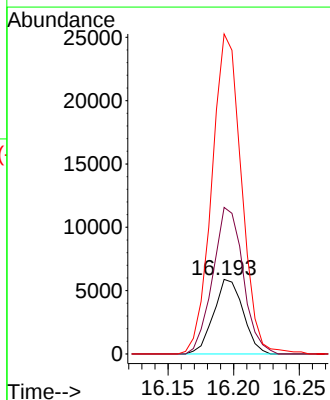
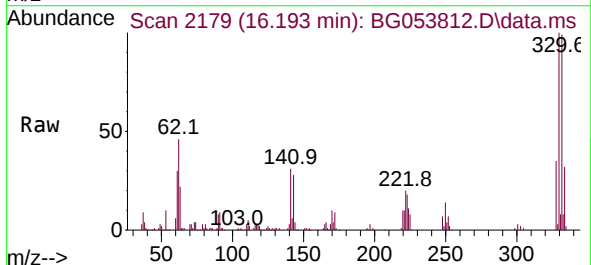
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01

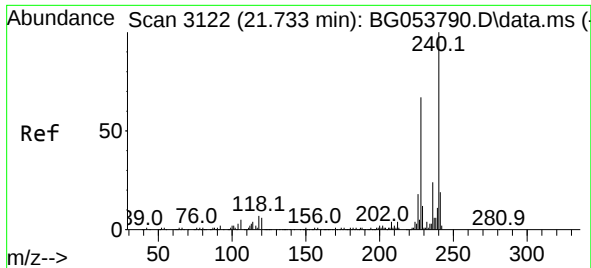
Tgt Ion:198 Resp: 216
Ion Ratio Lower Upper
198 100
51 20.6 28.1 68.1#
105 25.9 20.3 60.3



#67
4-Bromophenyl-phenylether
Concen: 4.565 ng
RT: 16.193 min Scan# 2179
Delta R.T. -0.452 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

Tgt Ion:248 Resp: 9180
Ion Ratio Lower Upper
248 100
250 196.6 75.2 112.8#
141 335.0 50.0 75.0#

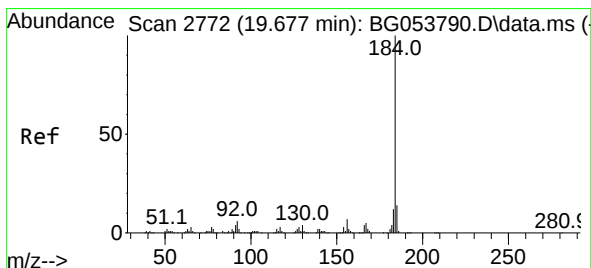
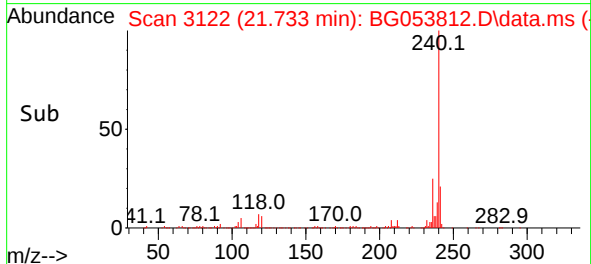
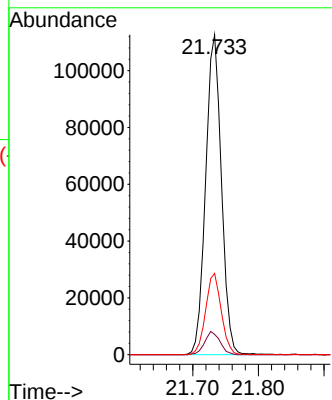
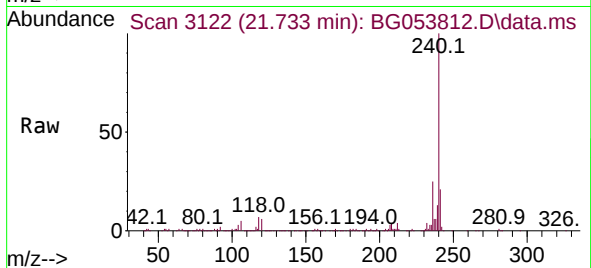




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

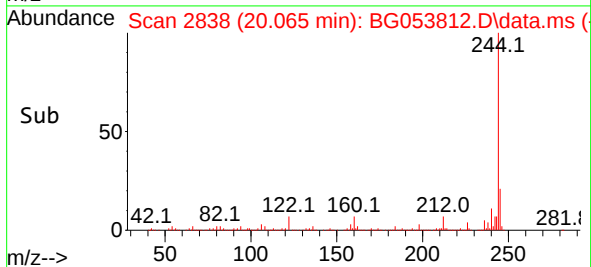
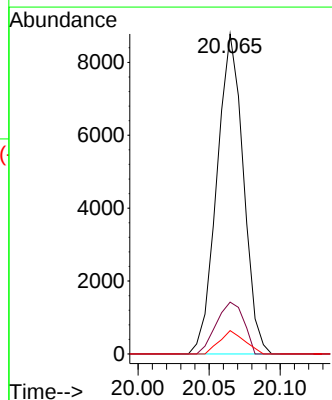
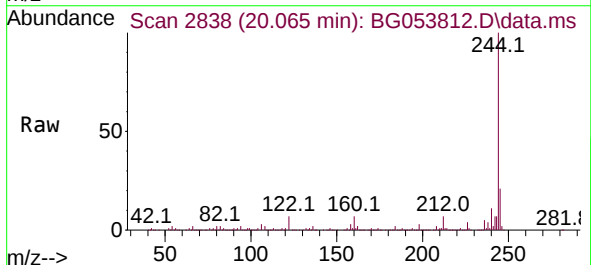
Instrument :
BNA_G
ClientSampleId :
P014-SS002-2430-01

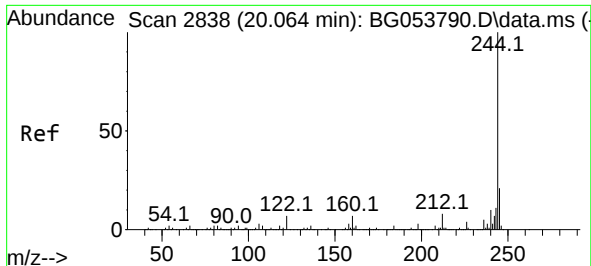
Tgt Ion:240 Resp: 188005
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 25.4 20.2 30.4



#77
Benzidine
Concen: 2.472 ng
RT: 20.065 min Scan# 2838
Delta R.T. 0.388 min
Lab File: BG053812.D
Acq: 3 Jun 2022 14:19

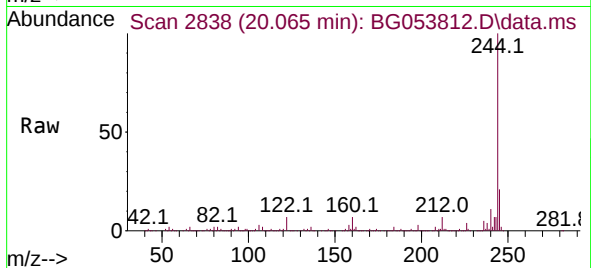
Tgt Ion:184 Resp: 11363
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.6
183 7.3 8.9 13.3#



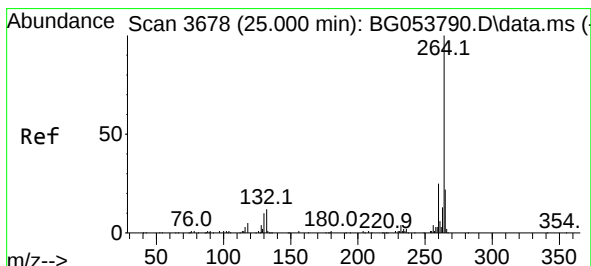
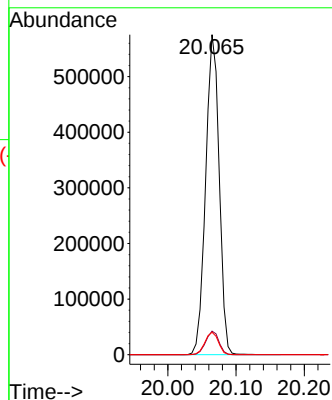
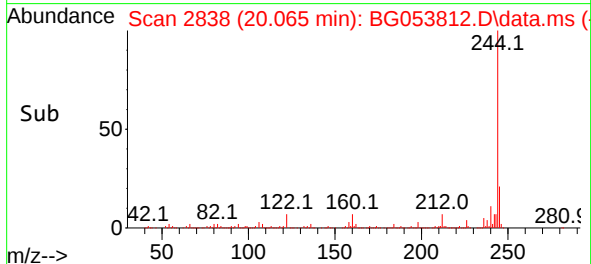


#79
 Terphenyl-d14
 Concen: 83.951 ng
 RT: 20.065 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053812.D
 Acq: 3 Jun 2022 14:19

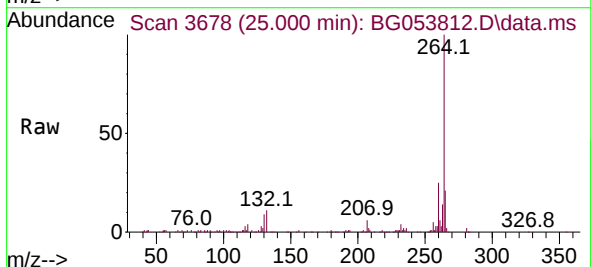
Instrument :
 BNA_G
 ClientSampleId :
 P014-SS002-2430-01



Tgt Ion:244 Resp: 793361
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 7.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.000 min Scan# 3678
 Delta R.T. 0.000 min
 Lab File: BG053812.D
 Acq: 3 Jun 2022 14:19



Tgt Ion:264 Resp: 192553
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 20.5 17.4 26.2

