

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055572.D
 Acq On : 11 Nov 2022 18:44
 Operator : CG/JU
 Sample : N5531-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-34

Quant Time: Nov 12 00:53:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

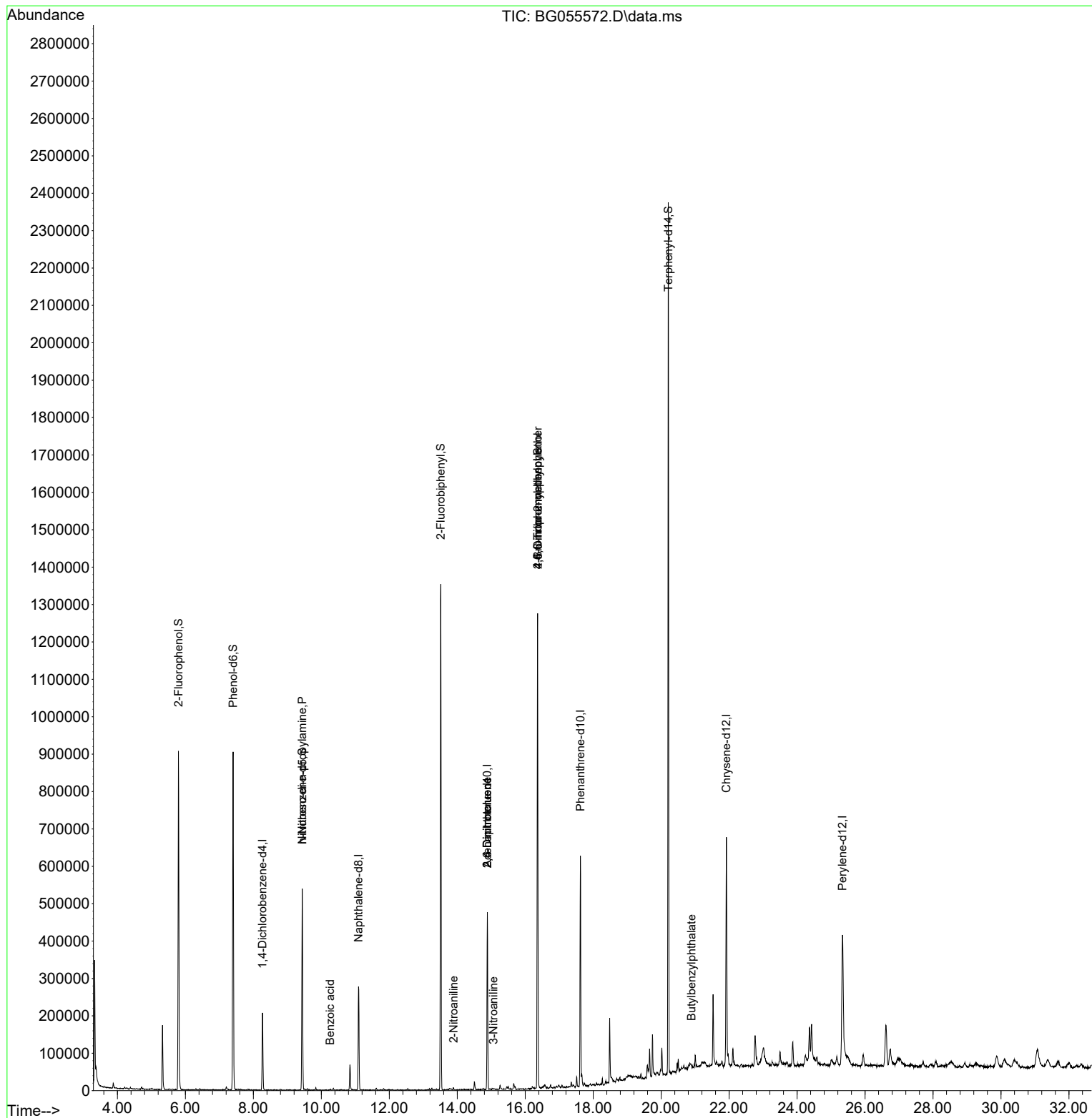
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	58102	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	234612	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	168546	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	398635	20.000	ng	0.00
76) Chrysene-d12	21.919	240	386468	20.000	ng	-0.01
86) Perylene-d12	25.338	264	399793	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	397060	130.166	ng	0.00
7) Phenol-d6	7.406	99	509076	120.816	ng	0.00
23) Nitrobenzene-d5	9.439	82	311686	90.063	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	256399	155.912	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	702523	62.872	ng	0.00
79) Terphenyl-d14	20.215	244	1199510	62.341	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	42479	12.199	ng	# 77
32) Benzoic acid	10.262	122	679	4.774	ng	# 84
48) 2-Nitroaniline	13.893	65	70	3.813	ng	# 8
51) 2,6-Dinitrotoluene	14.886	165	21807	12.202	ng	# 23
53) 3-Nitroaniline	15.068	138	54	3.797	ng	# 1
57) 2,4-Dinitrotoluene	14.886	165	21807	10.402	ng	# 24
65) 4,6-Dinitro-2-methylph...	16.366	198	773	2.698	ng	# 1
67) 4-Bromophenyl-phenylether	16.366	248	16219	3.988	ng	# 1
80) Butylbenzylphthalate	20.891	149	1085	3.466	ng	# 70

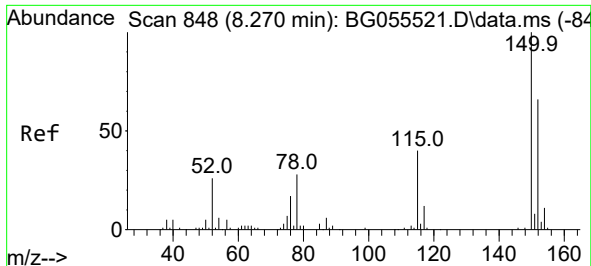
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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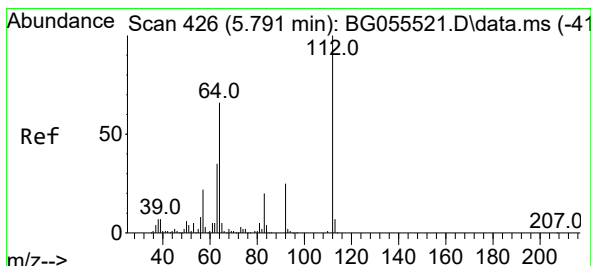
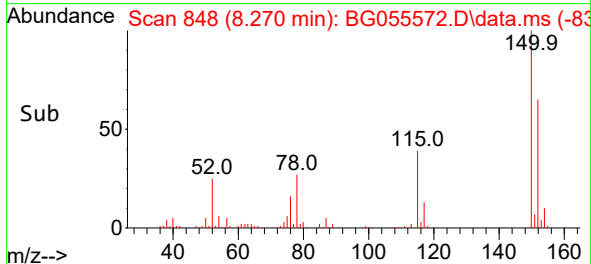
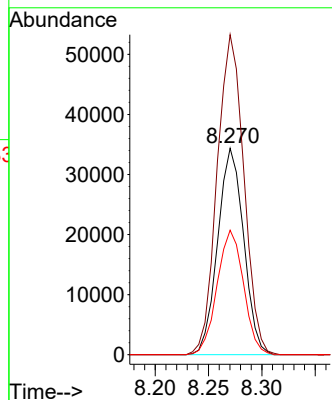
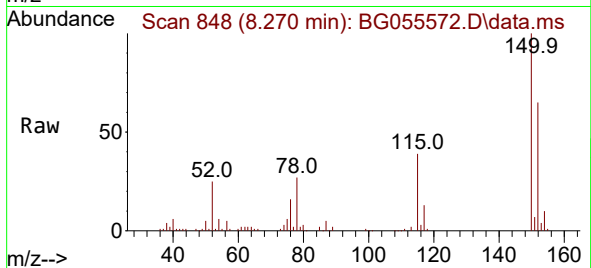




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

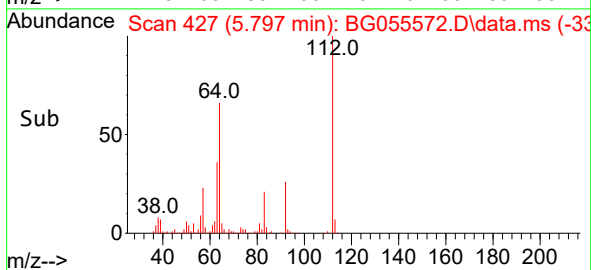
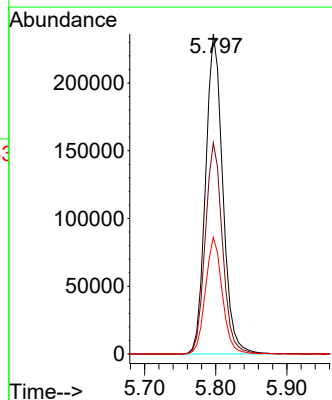
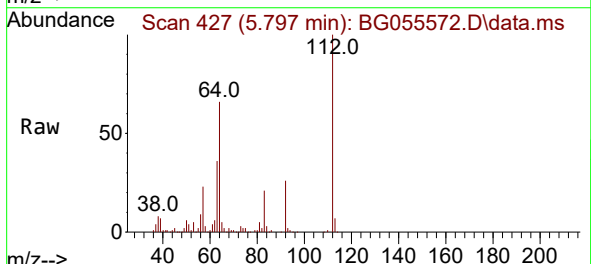
Instrument :
BNA_G
ClientSampleId :
SB-34

Tgt Ion:152 Resp: 58102
Ion Ratio Lower Upper
152 100
150 155.0 121.0 181.4
115 60.3 47.8 71.8



#5
2-Fluorophenol
Concen: 130.166 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:112 Resp: 397060
Ion Ratio Lower Upper
112 100
64 66.0 52.6 78.8
63 36.5 28.3 42.5

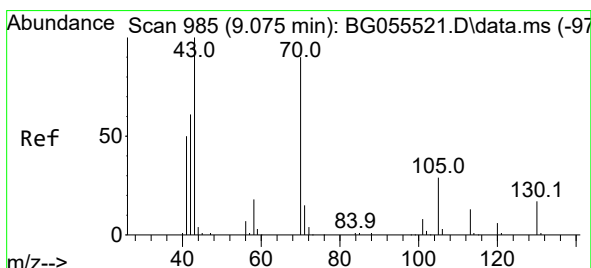
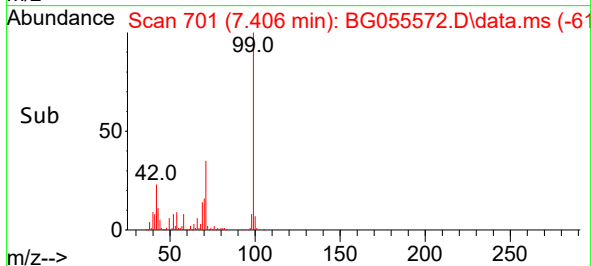
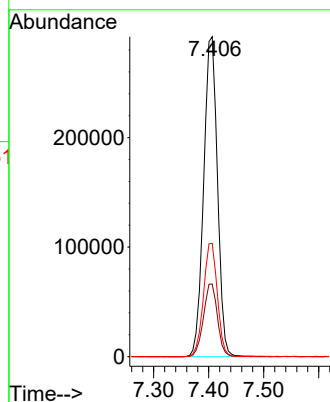
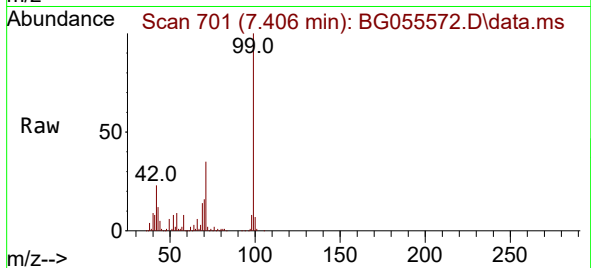




#7
Phenol-d6
Concen: 120.816 ng
RT: 7.406 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

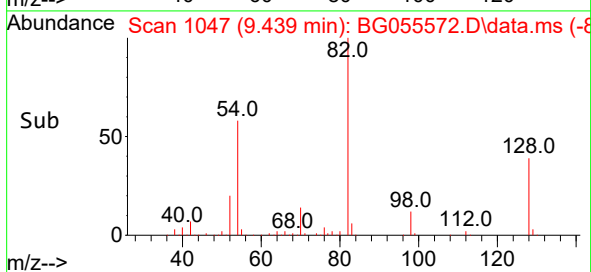
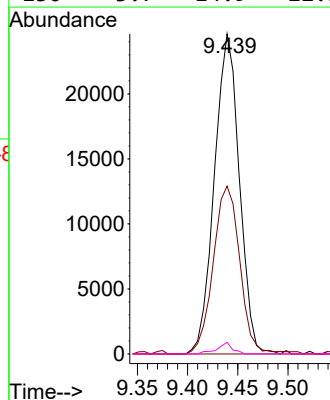
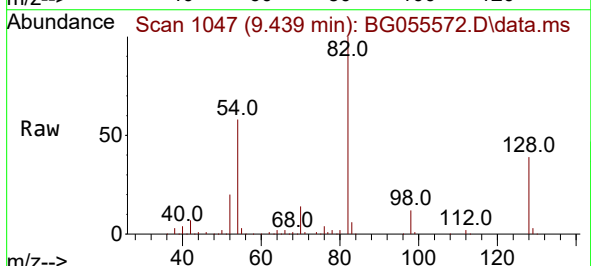
Instrument :
BNA_G
ClientSampleId :
SB-34

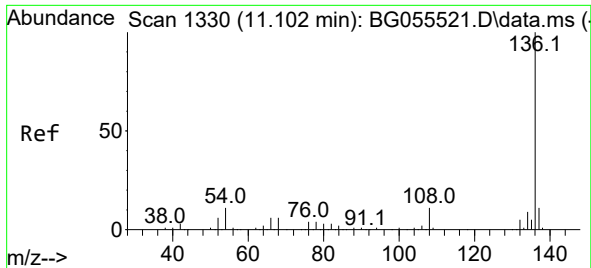
Tgt Ion: 99 Resp: 509076
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 35.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.199 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion: 70 Resp: 42479
Ion Ratio Lower Upper
70 100
42 52.4 54.8 82.2#
101 0.0 6.8 10.2#
130 3.7 14.9 22.3#

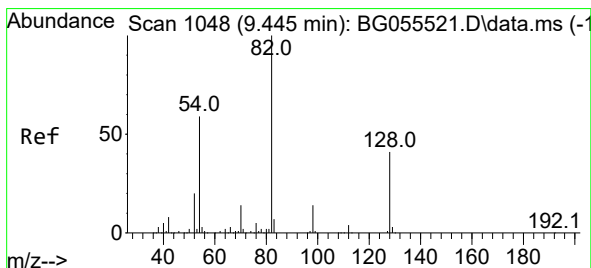
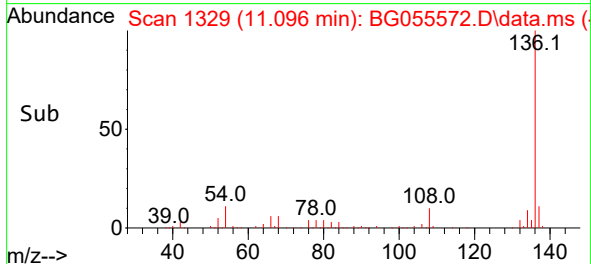
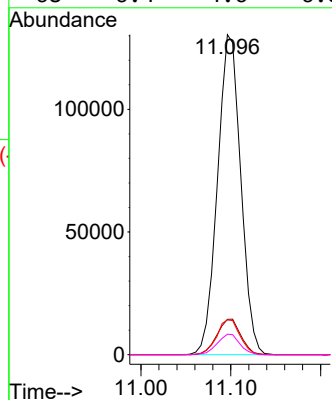
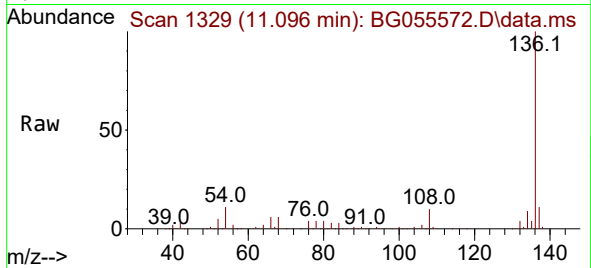




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

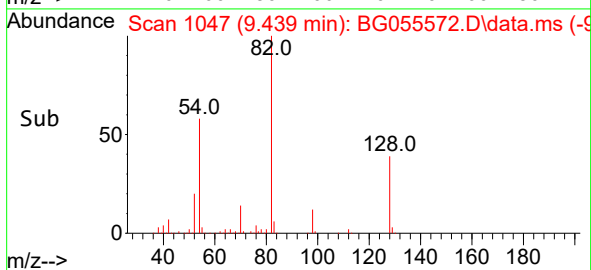
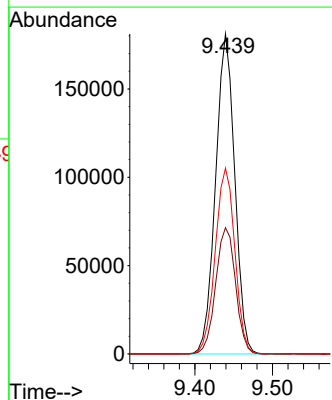
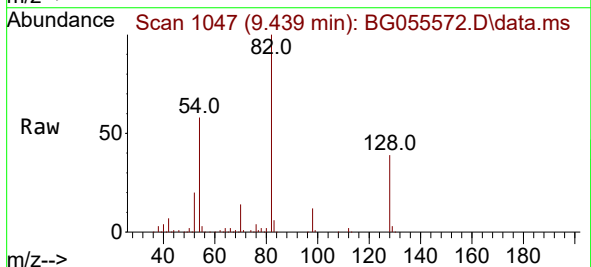
Instrument :
BNA_G
ClientSampleId :
SB-34

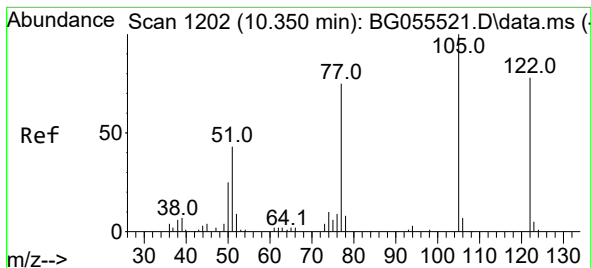
Tgt Ion:	136	Resp:	234612
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	10.9	8.6	12.8
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 90.063 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:	82	Resp:	311686
Ion Ratio	Lower	Upper	
82	100		
128	39.5	32.6	49.0
54	58.0	47.3	70.9





#32

Benzoic acid

Concen: 4.774 ng

RT: 10.262 min Scan# 1187

Delta R.T. -0.088 min

Lab File: BG055572.D

Acq: 11 Nov 2022 18:44

Instrument :

BNA_G

ClientSampleId :

SB-34

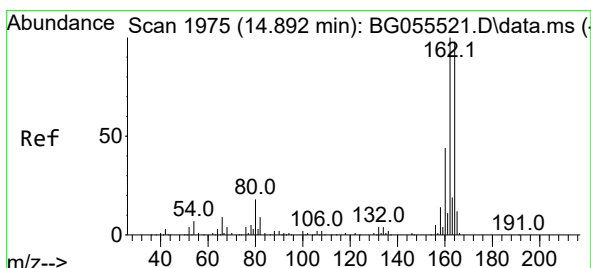
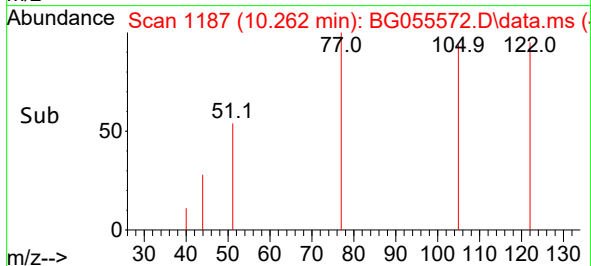
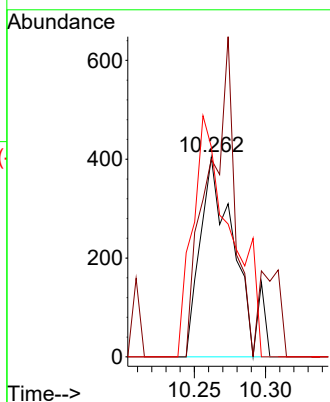
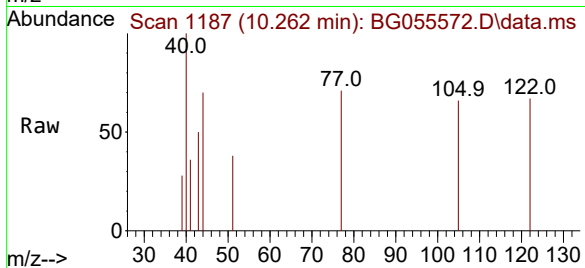
Tgt Ion:122 Resp: 679

Ion Ratio Lower Upper

122 100

105 99.0 101.2 141.2#

77 105.2 74.4 114.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055572.D

Acq: 11 Nov 2022 18:44

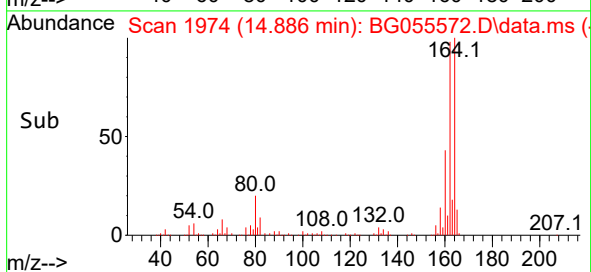
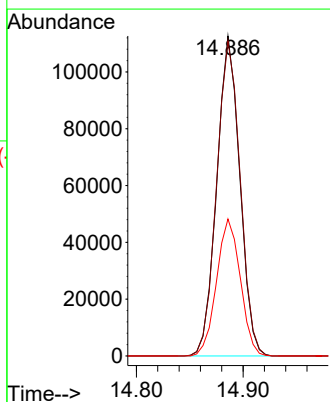
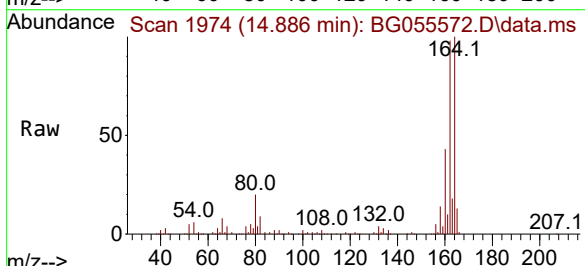
Tgt Ion:164 Resp: 168546

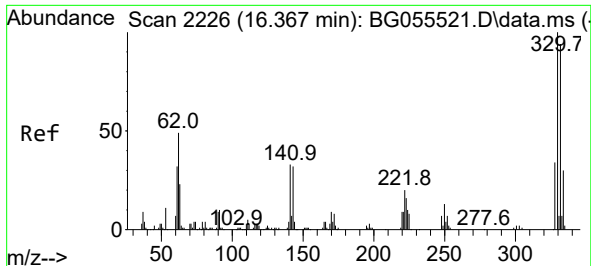
Ion Ratio Lower Upper

164 100

162 98.4 81.3 121.9

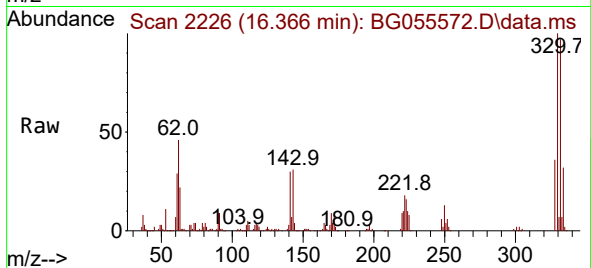
160 42.8 35.9 53.9



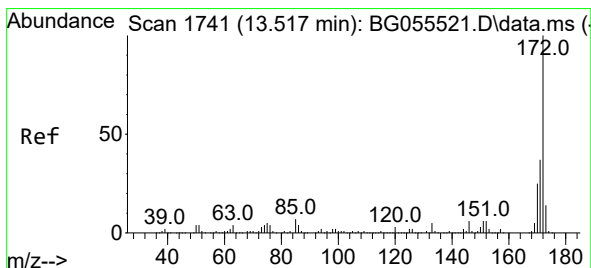
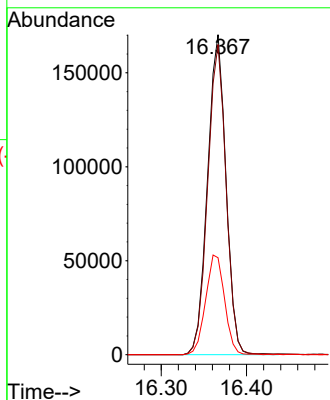
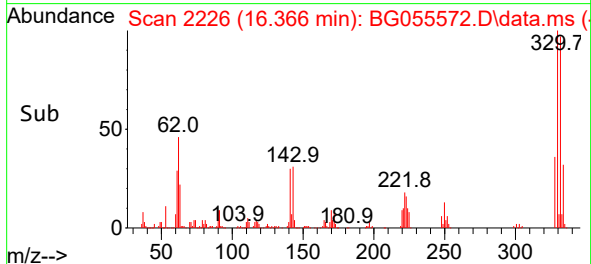


#42
 2,4,6-Tribromophenol
 Concen: 155.912 ng
 RT: 16.366 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055572.D
 Acq: 11 Nov 2022 18:44

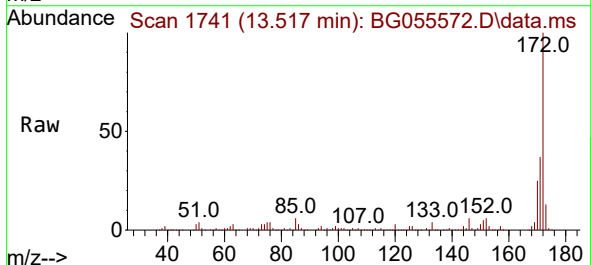
Instrument :
 BNA_G
 ClientSampleId :
 SB-34



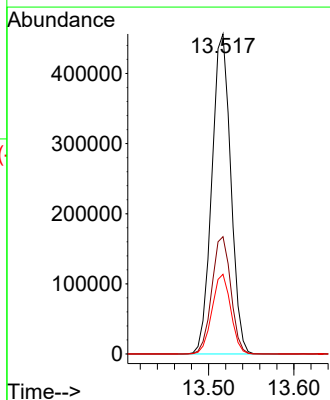
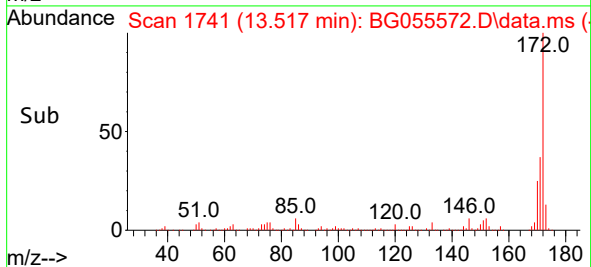
Tgt Ion:330 Resp: 256399
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 32.0 25.4 38.2

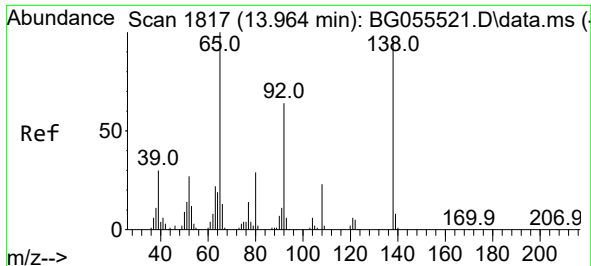


#45
 2-Fluorobiphenyl
 Concen: 62.872 ng
 RT: 13.517 min Scan# 1741
 Delta R.T. -0.000 min
 Lab File: BG055572.D
 Acq: 11 Nov 2022 18:44



Tgt Ion:172 Resp: 702523
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.9 19.8 29.6

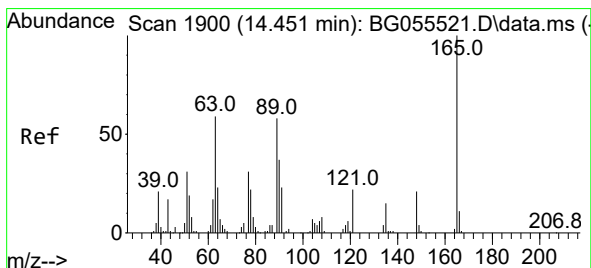
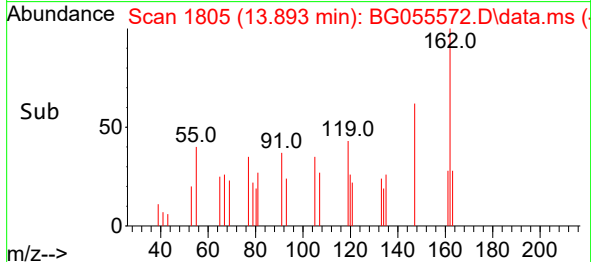
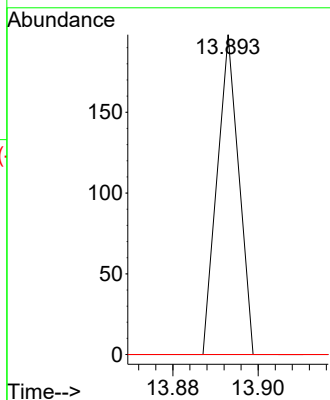
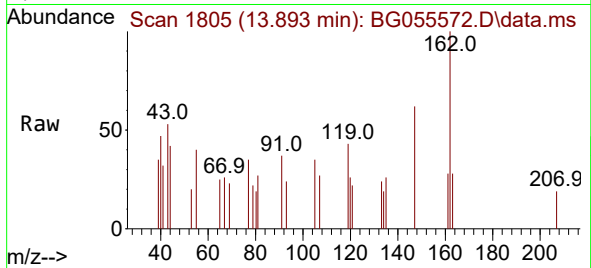




#48
2-Nitroaniline
Concen: 3.813 ng
RT: 13.893 min Scan# 11
Delta R.T. -0.071 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

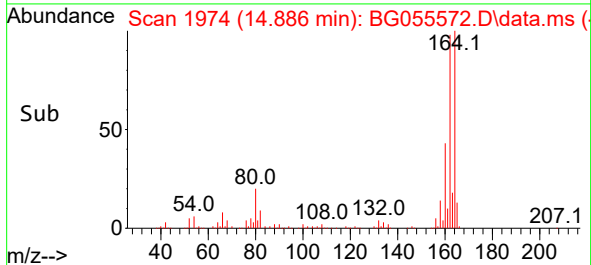
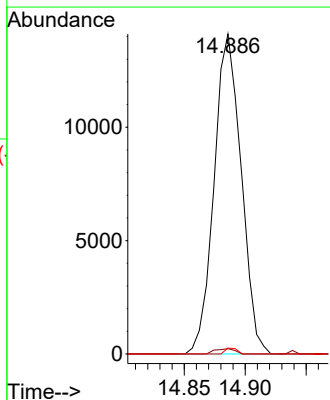
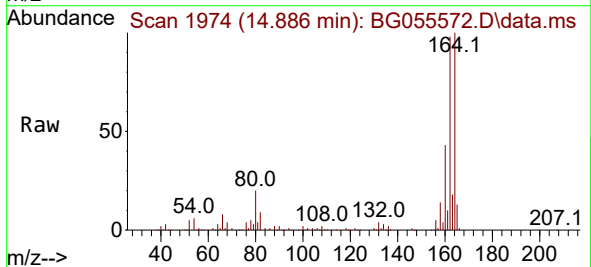
Instrument :
BNA_G
ClientSampleId :
SB-34

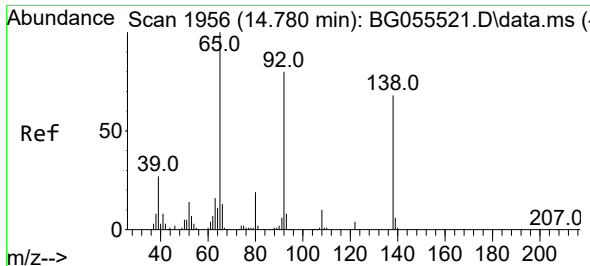
Tgt Ion: 65 Resp: 70
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.202 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.435 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:165 Resp: 21807
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.9 46.5 69.7#

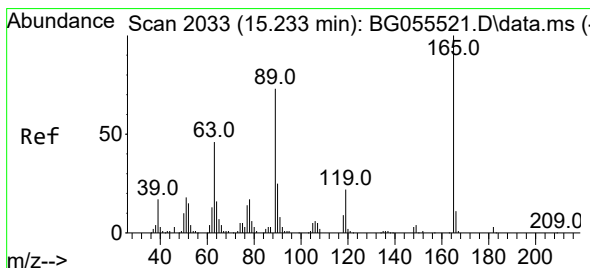
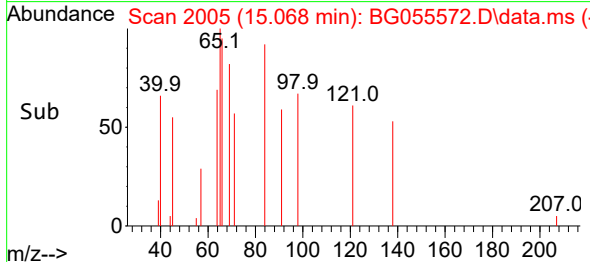
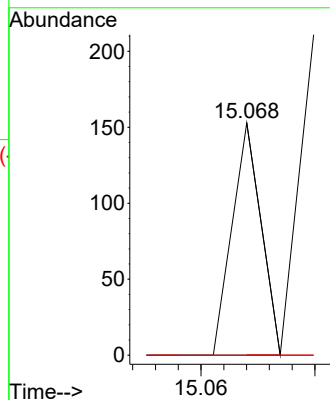
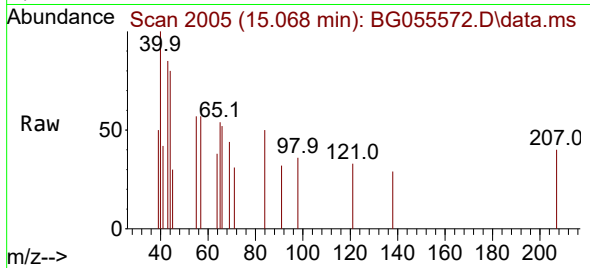




#53
3-Nitroaniline
Concen: 3.797 ng
RT: 15.068 min Scan# 20
Delta R.T. 0.288 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

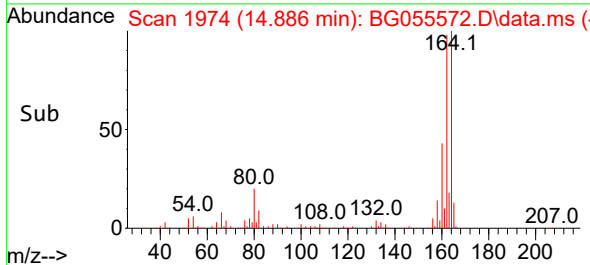
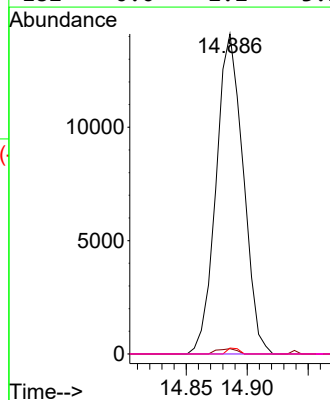
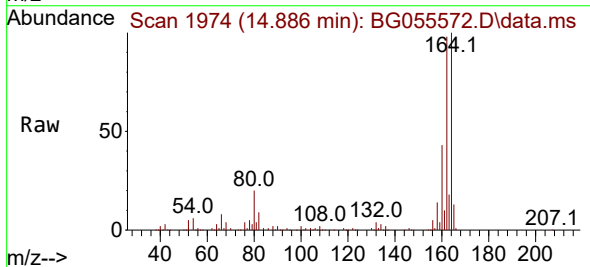
Instrument :
BNA_G
ClientSampleId :
SB-34

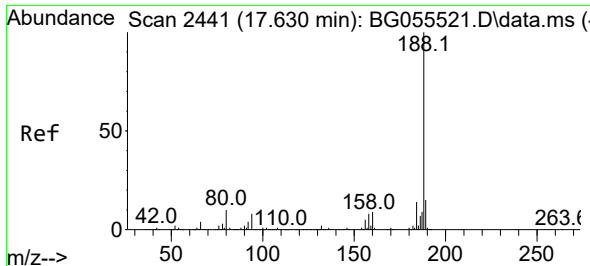
Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 10.402 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.347 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:165 Resp: 21807
Ion Ratio Lower Upper
165 100
63 1.7 37.0 55.4#
89 1.9 58.6 87.8#
182 0.0 2.2 3.2#

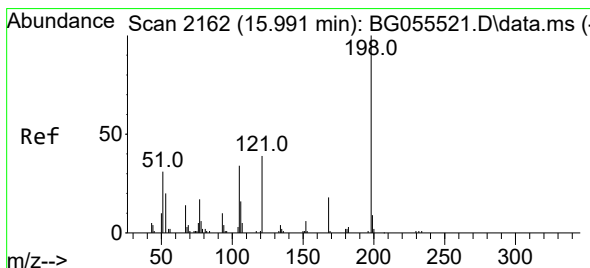
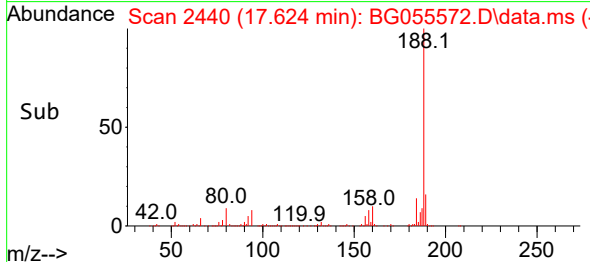
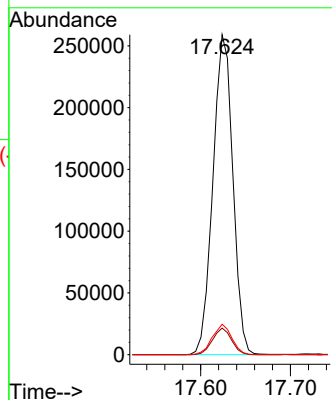
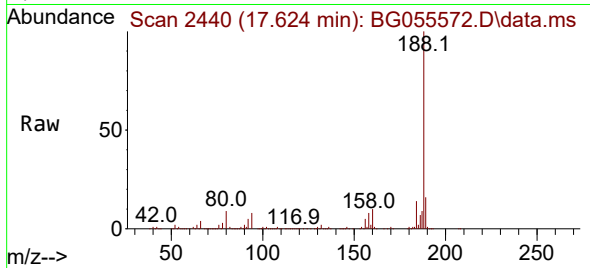




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

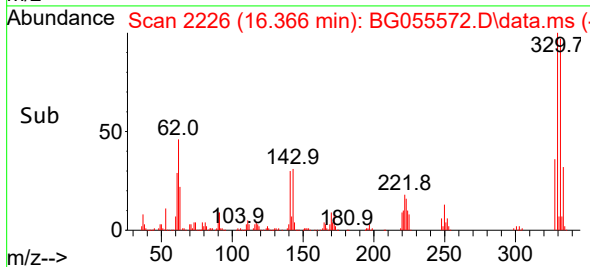
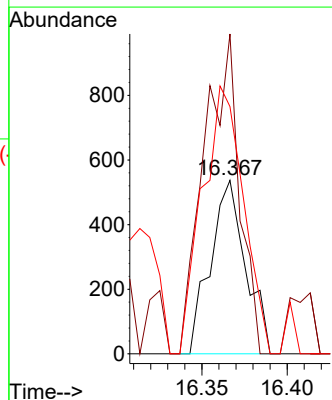
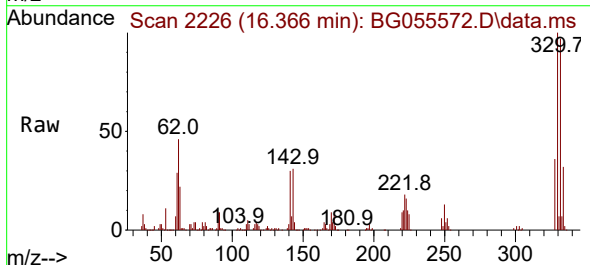
Instrument :
BNA_G
ClientSampleId :
SB-34

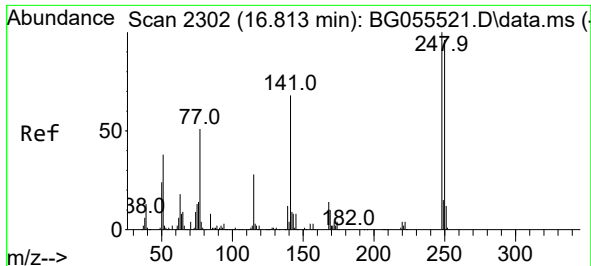
Tgt Ion:188 Resp: 398635
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.5 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.698 ng
RT: 16.366 min Scan# 2226
Delta R.T. 0.375 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:198 Resp: 773
Ion Ratio Lower Upper
198 100
51 184.4 24.7 64.7#
105 142.5 17.6 57.6#

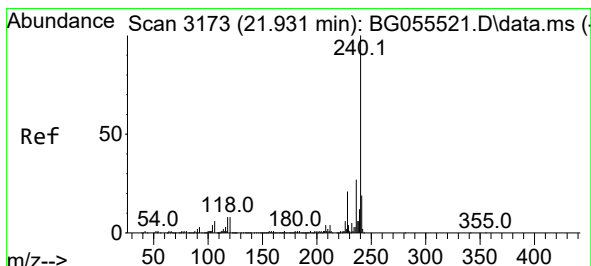
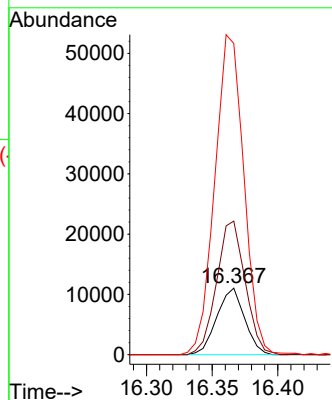
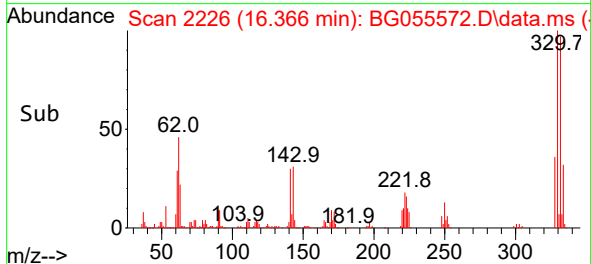
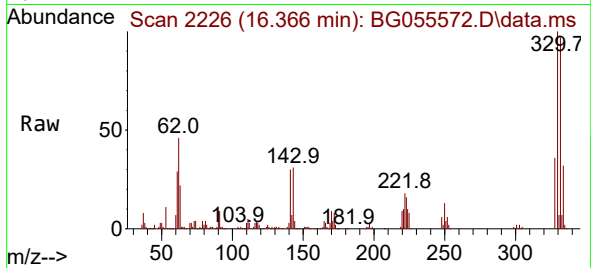




#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

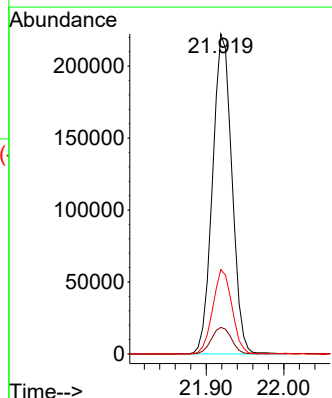
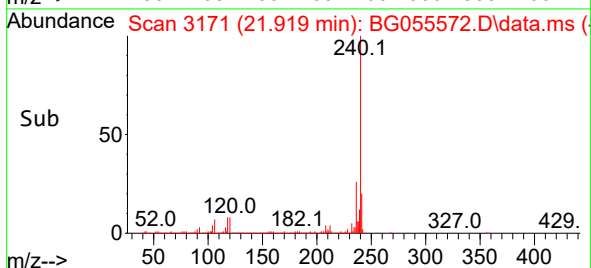
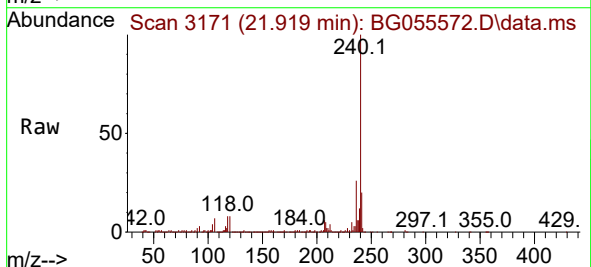
Instrument :
BNA_G
ClientSampleId :
SB-34

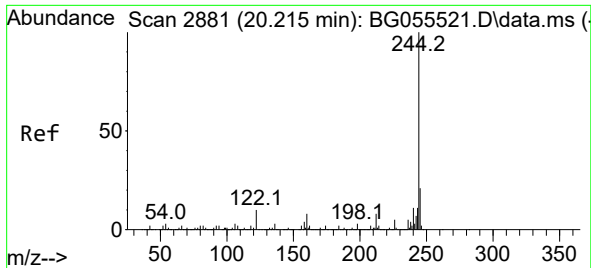
Tgt Ion:248 Resp: 16219
Ion Ratio Lower Upper
248 100
250 200.6 76.9 115.3#
141 467.3 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG055572.D
Acq: 11 Nov 2022 18:44

Tgt Ion:240 Resp: 386468
Ion Ratio Lower Upper
240 100
120 8.3 6.1 9.1
236 26.4 21.4 32.0

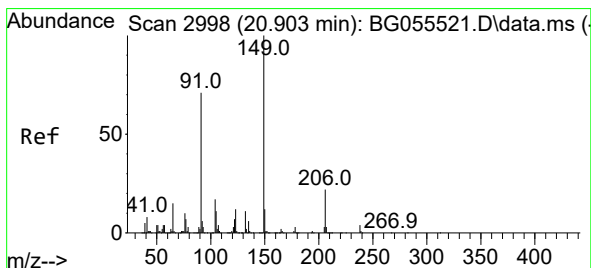
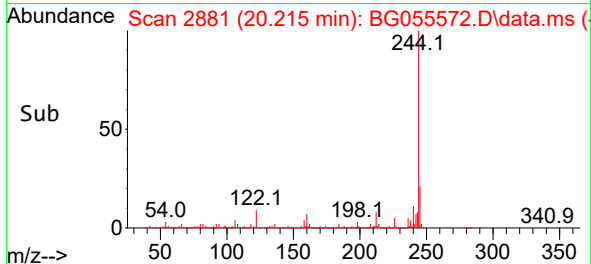
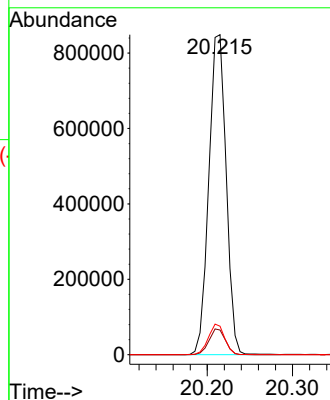
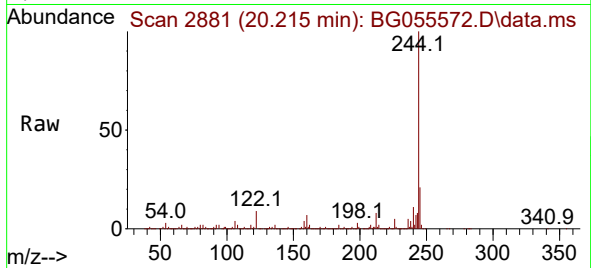




#79
 Terphenyl-d14
 Concen: 62.341 ng
 RT: 20.215 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055572.D
 Acq: 11 Nov 2022 18:44

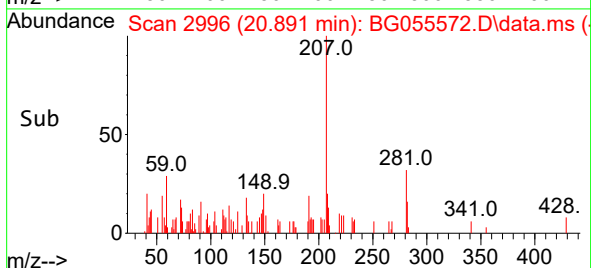
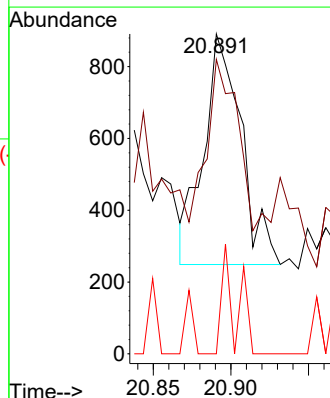
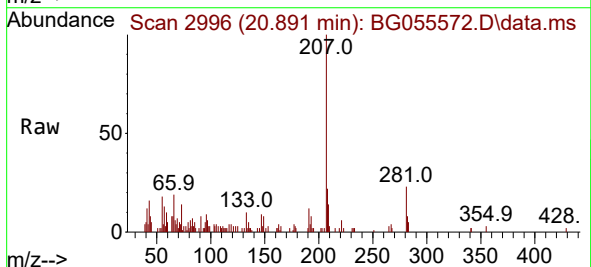
Instrument :
 BNA_G
 ClientSampleId :
 SB-34

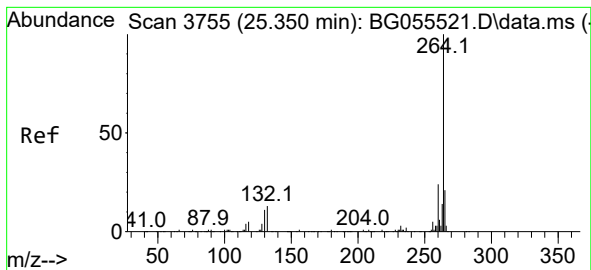
Tgt Ion:244 Resp: 1199510
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.466 ng
 RT: 20.891 min Scan# 2996
 Delta R.T. -0.012 min
 Lab File: BG055572.D
 Acq: 11 Nov 2022 18:44

Tgt Ion:149 Resp: 1085
 Ion Ratio Lower Upper
 149 100
 91 92.0 56.8 85.2#
 206 0.0 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.338 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG055572.D
 Acq: 11 Nov 2022 18:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-34

Tgt Ion:264 Resp: 399793
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.3 17.1 25.7

