

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055581.D
 Acq On : 12 Nov 2022 1:09
 Operator : CG/JU
 Sample : N5530-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13

Quant Time: Nov 12 01:44:46 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)

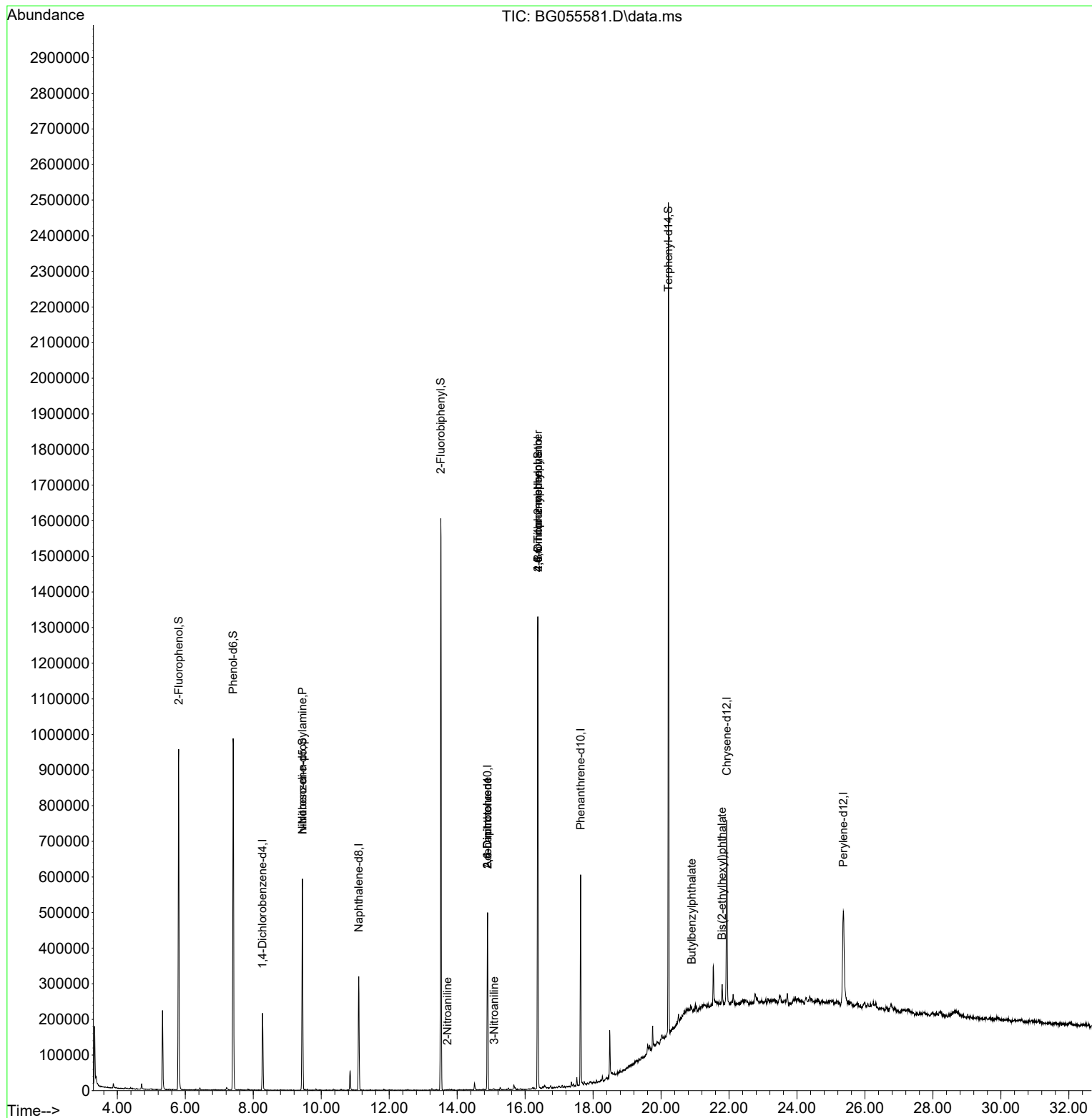
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	63645	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	260765	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	183080	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	377191	20.000	ng	0.00
76) Chrysene-d12	21.932	240	335762	20.000	ng	0.00
86) Perylene-d12	25.363	264	356224	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	413634	123.790	ng	0.01
7) Phenol-d6	7.408	99	549507	119.054	ng	0.00
23) Nitrobenzene-d5	9.446	82	347840	90.429	ng	0.00
42) 2,4,6-Tribromophenol	16.374	330	268935	150.553	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	833948	68.709	ng	0.00
79) Terphenyl-d14	20.216	244	1162999	69.572	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.446	70	47907	12.559	ng	# 80
48) 2-Nitroaniline	13.712	65	55	3.806	ng	# 8
51) 2,6-Dinitrotoluene	14.893	165	24108	12.363	ng	# 22
53) 3-Nitroaniline	15.087	138	75	3.802	ng	# 1
57) 2,4-Dinitrotoluene	14.893	165	24108	10.523	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.374	198	750	2.719	ng	# 1
67) 4-Bromophenyl-phenylether	16.374	248	17097	4.443	ng	# 1
80) Butylbenzylphthalate	20.904	149	365	3.404	ng	# 75
84) Bis(2-ethylhexyl)phtha...	21.797	149	24522	2.138	ng	# 93

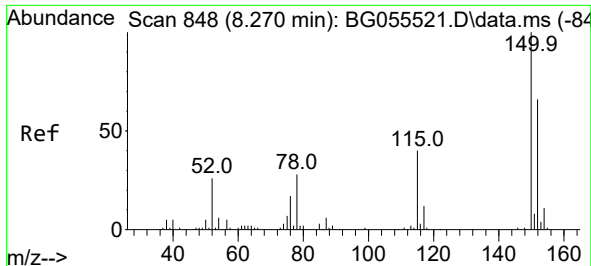
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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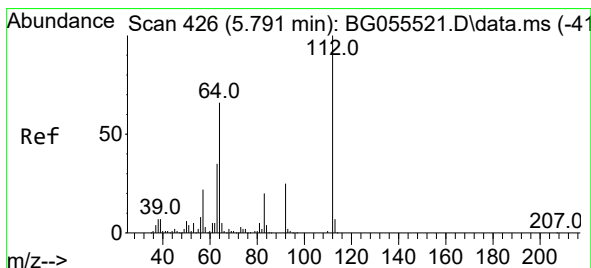
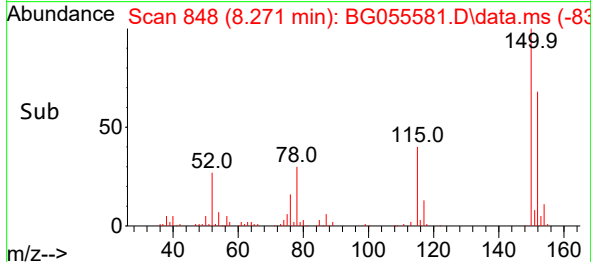
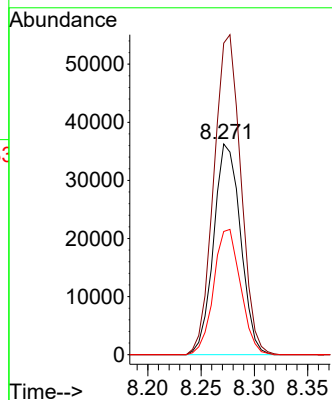
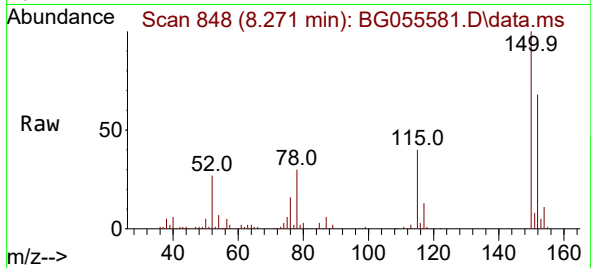




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

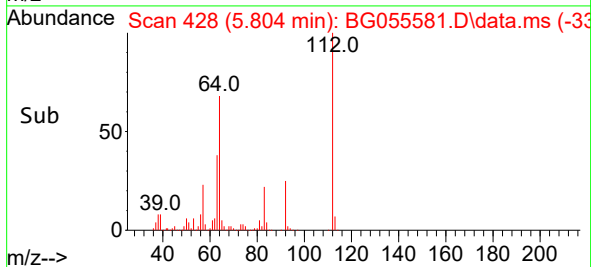
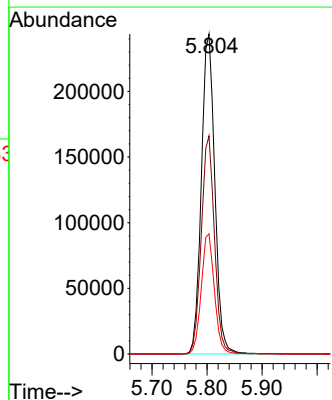
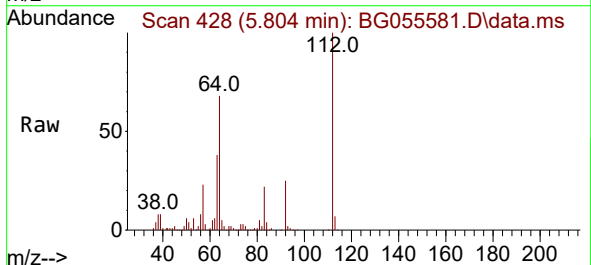
Instrument :
BNA_G
ClientSampleId :
SB-13

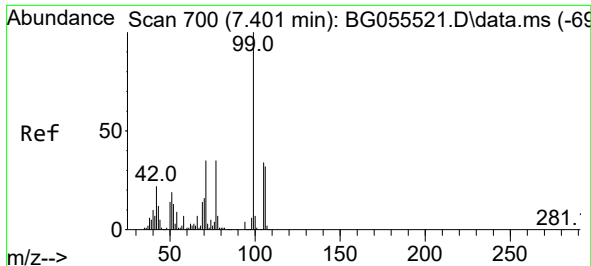
Tgt Ion:152 Resp: 63645
Ion Ratio Lower Upper
152 100
150 147.8 121.0 181.4
115 58.5 47.8 71.8



#5
2-Fluorophenol
Concen: 123.790 ng
RT: 5.804 min Scan# 428
Delta R.T. 0.013 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Tgt Ion:112 Resp: 413634
Ion Ratio Lower Upper
112 100
64 68.2 52.6 78.8
63 37.5 28.3 42.5

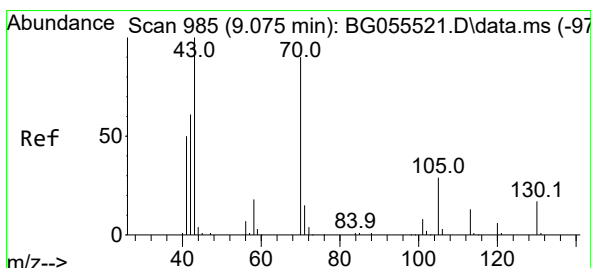
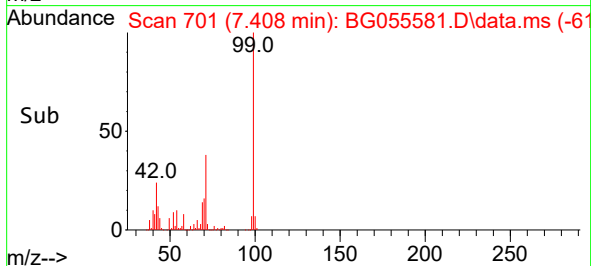
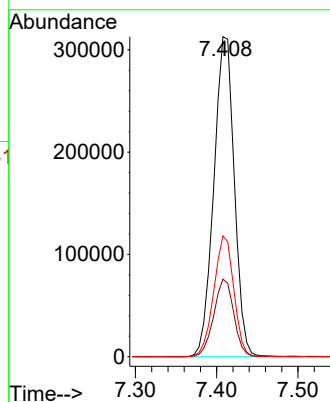
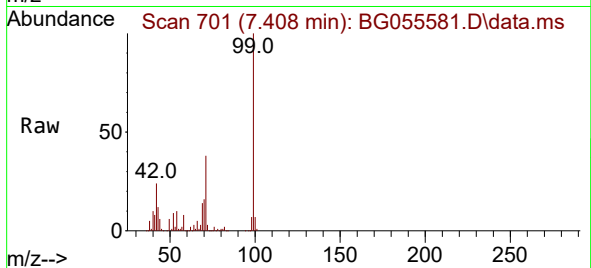




#7
Phenol-d6
Concen: 119.054 ng
RT: 7.408 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

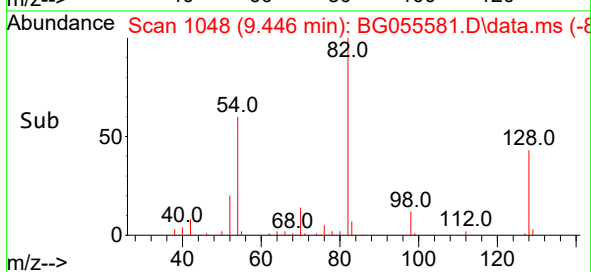
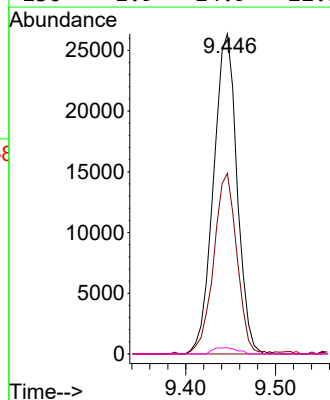
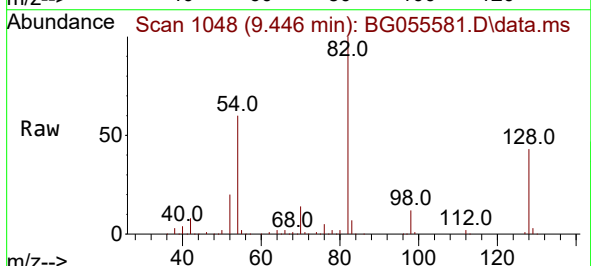
Instrument :
BNA_G
ClientSampleId :
SB-13

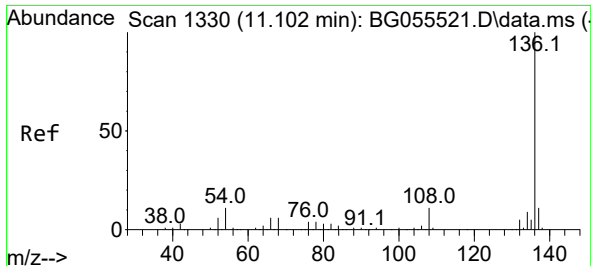
Tgt Ion: 99 Resp: 549507
Ion Ratio Lower Upper
99 100
42 24.2 17.5 26.3
71 37.7 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.559 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.371 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Tgt Ion: 70 Resp: 47907
Ion Ratio Lower Upper
70 100
42 56.4 54.8 82.2
101 0.0 6.8 10.2#
130 1.9 14.9 22.3#

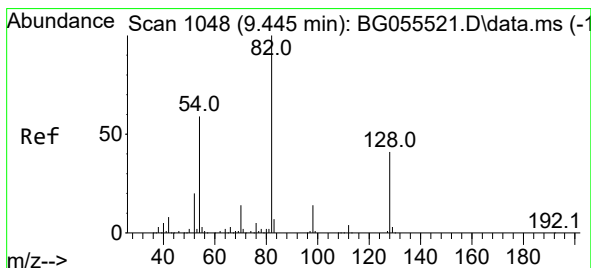
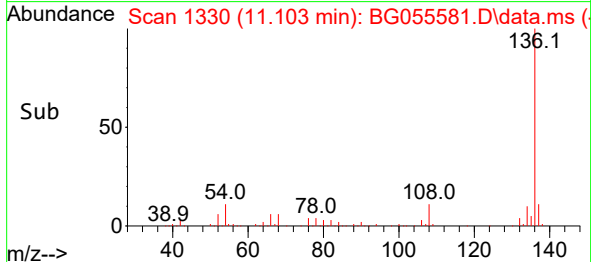
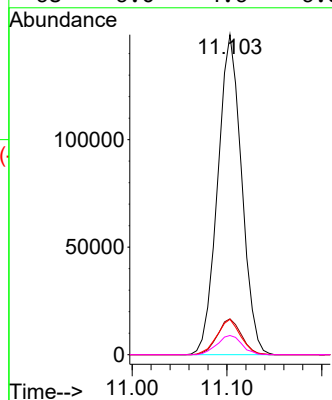
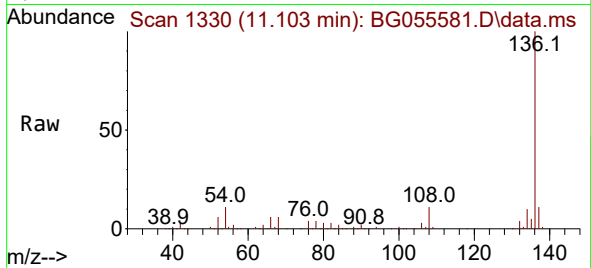




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

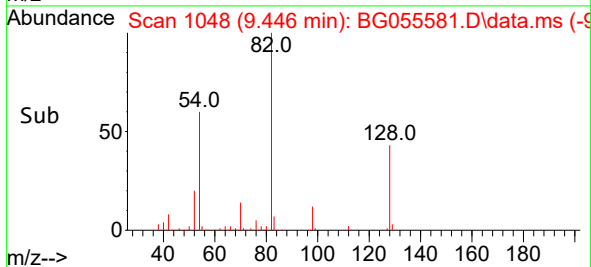
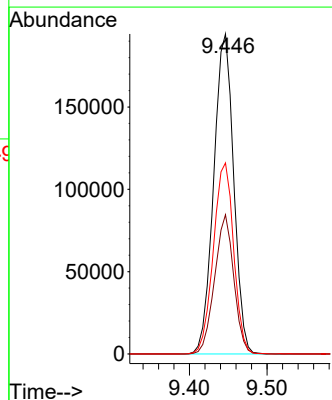
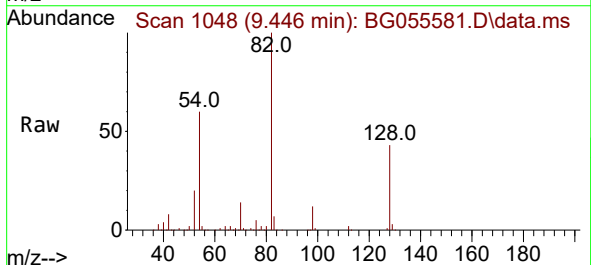
Instrument :
BNA_G
ClientSampleId :
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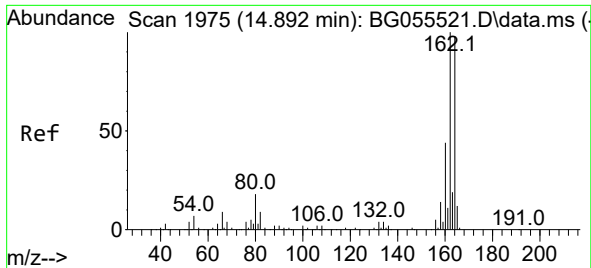
Tgt Ion:	136	Resp:	260765
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	11.1	8.6	12.8
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 90.429 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Tgt Ion:	82	Resp:	347840
Ion Ratio	Lower	Upper	
82	100		
128	43.5	32.6	49.0
54	59.7	47.3	70.9

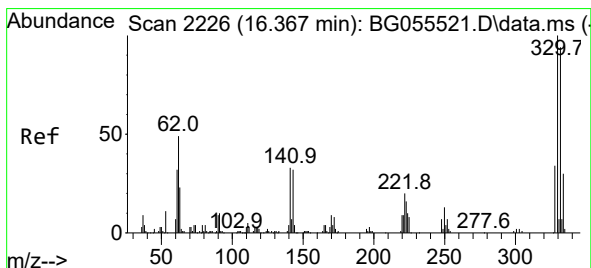
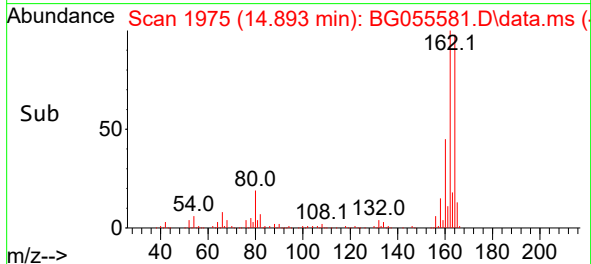
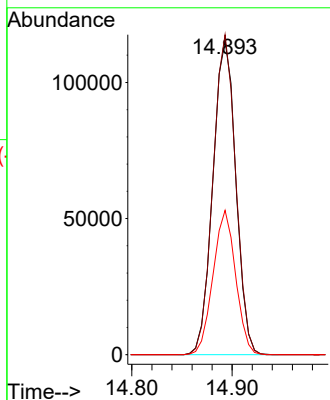
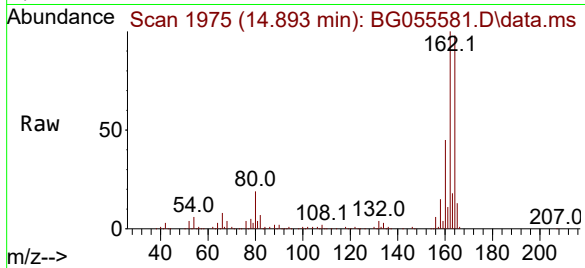




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

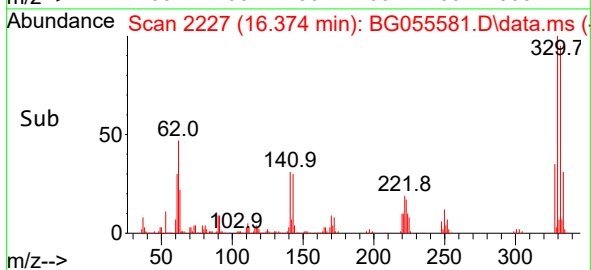
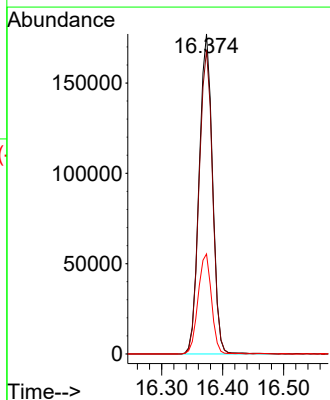
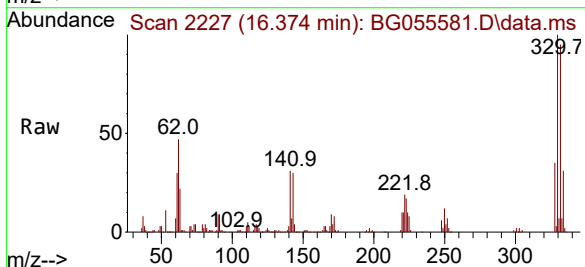
Instrument :
BNA_G
ClientSampleId :
SB-13

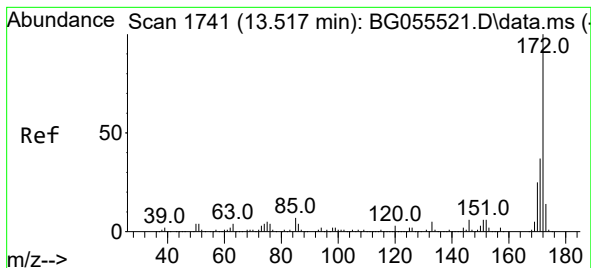
Tgt Ion:164 Resp: 183080
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 46.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 150.553 ng
RT: 16.374 min Scan# 2227
Delta R.T. 0.007 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Tgt Ion:330 Resp: 268935
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.2
141 31.4 25.4 38.2

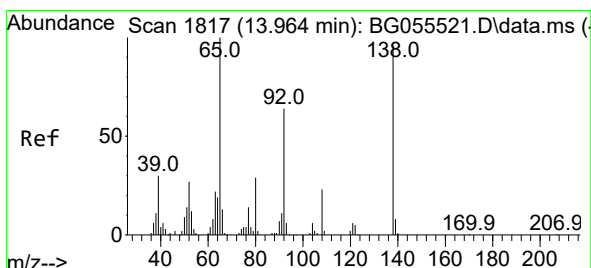
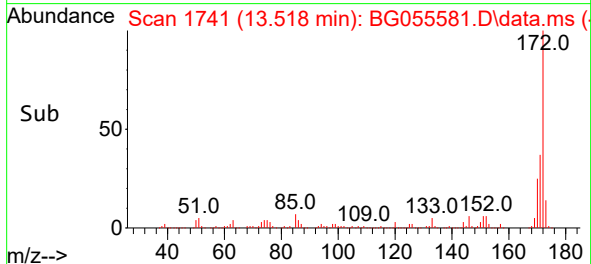
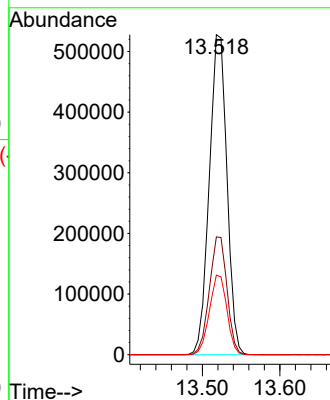
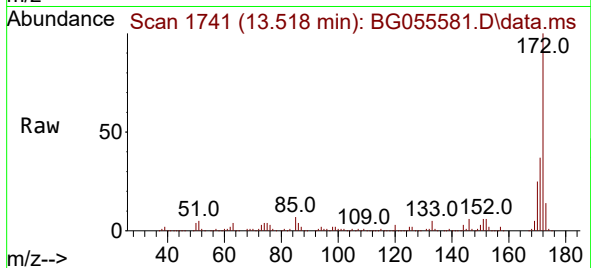




#45
2-Fluorobiphenyl
Concen: 68.709 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

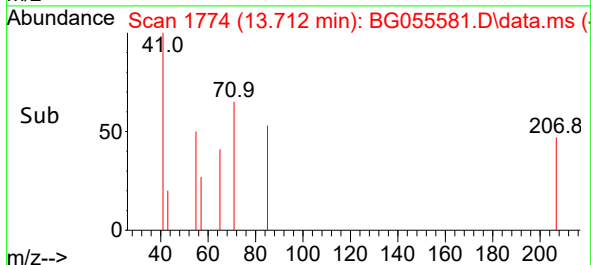
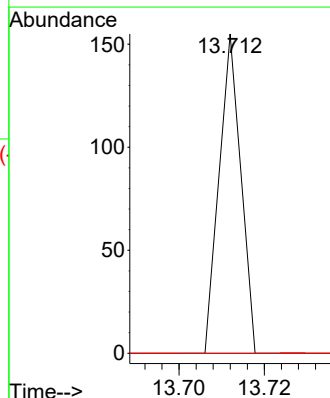
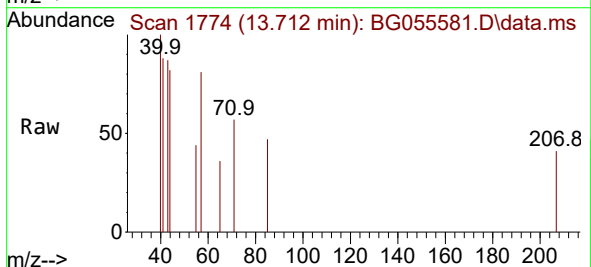
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ClientSampleId :
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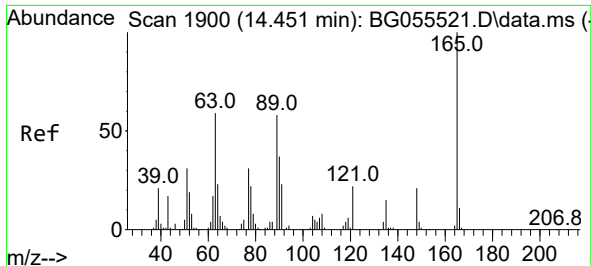
Tgt Ion:172 Resp: 833948
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.8 19.8 29.6



#48
2-Nitroaniline
Concen: 3.806 ng
RT: 13.712 min Scan# 1774
Delta R.T. -0.252 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Tgt Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#

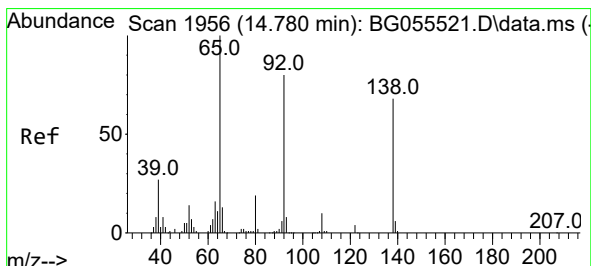
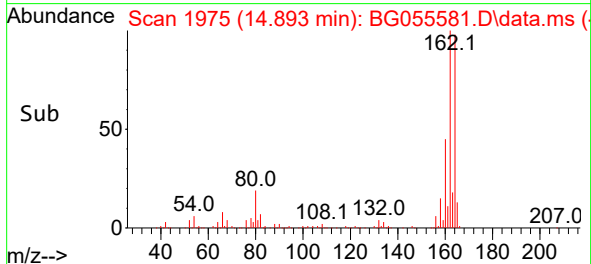
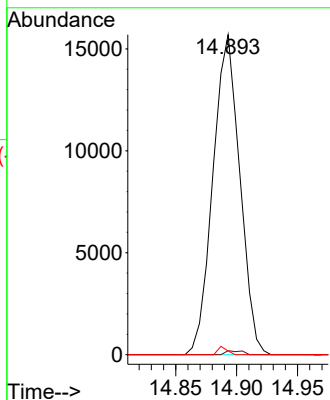
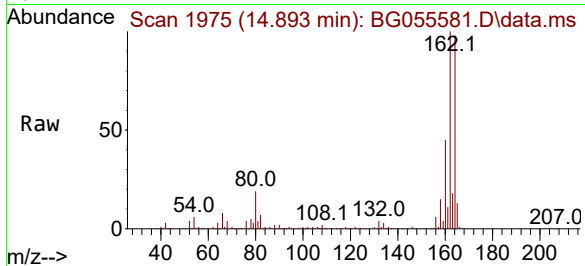




#51
2,6-Dinitrotoluene
Concen: 12.363 ng
RT: 14.893 min Scan# 14
Delta R.T. 0.442 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

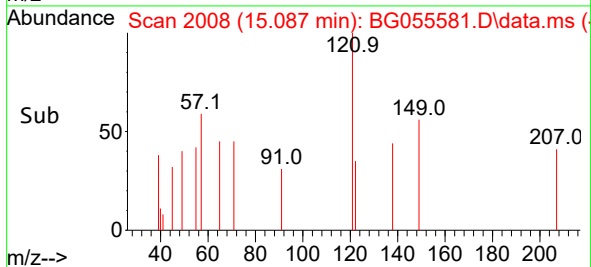
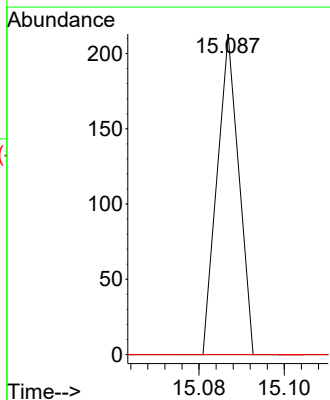
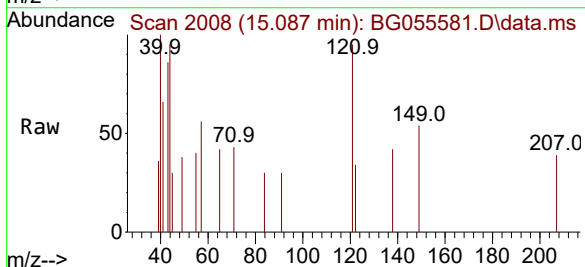
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BNA_G
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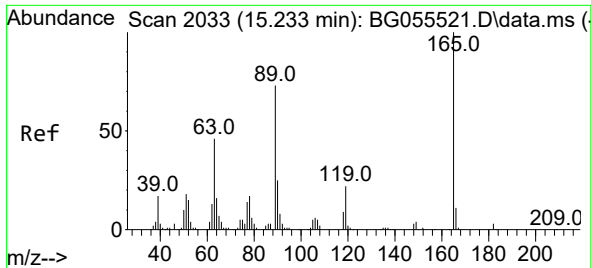
Tgt Ion:165 Resp: 24108
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.2 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.802 ng
RT: 15.087 min Scan# 2008
Delta R.T. 0.307 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Tgt Ion:138 Resp: 75
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: 10.523 ng

RT: 14.893 min Scan# 14

Delta R.T. -0.340 min

Lab File: BG055581.D

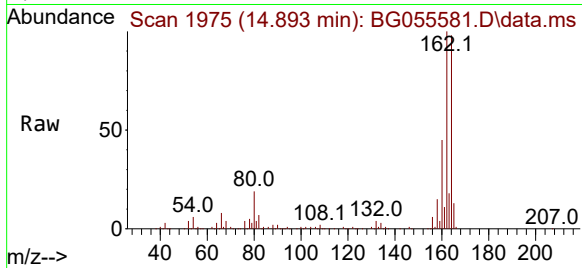
Acq: 12 Nov 2022 1:09

Instrument :

BNA_G

ClientSampleId :

SB-13



Tgt Ion:165 Resp: 24108

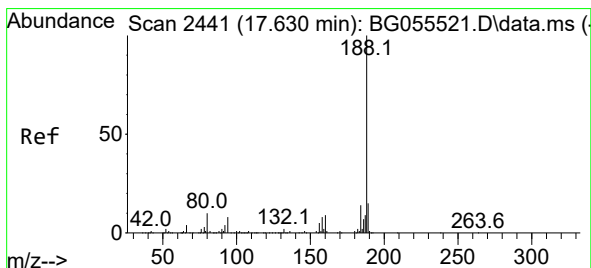
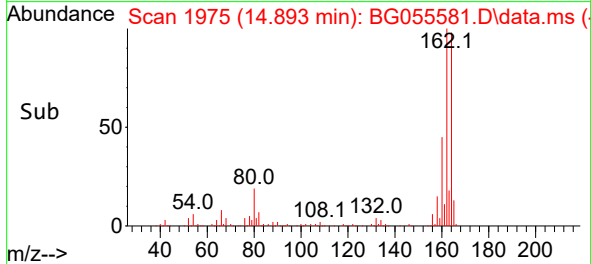
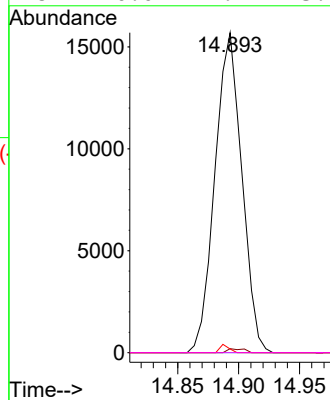
Ion Ratio Lower Upper

165 100

63 1.2 37.0 55.4#

89 1.2 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.631 min Scan# 2441

Delta R.T. 0.001 min

Lab File: BG055581.D

Acq: 12 Nov 2022 1:09

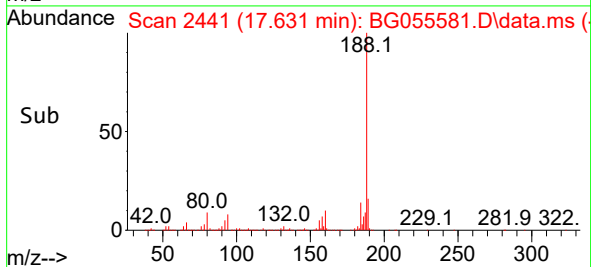
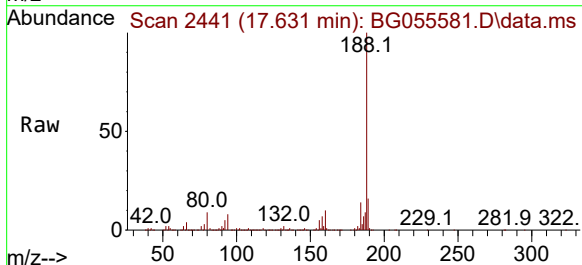
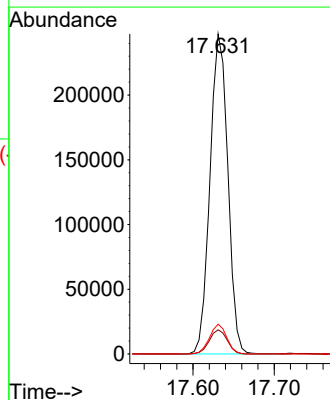
Tgt Ion:188 Resp: 377191

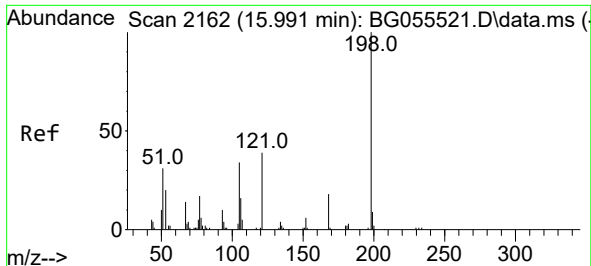
Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 9.3 7.6 11.4

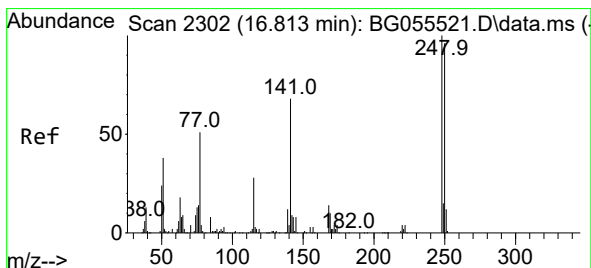
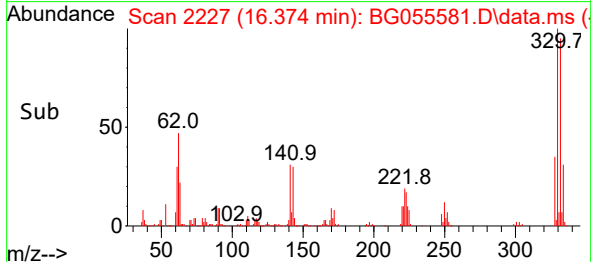
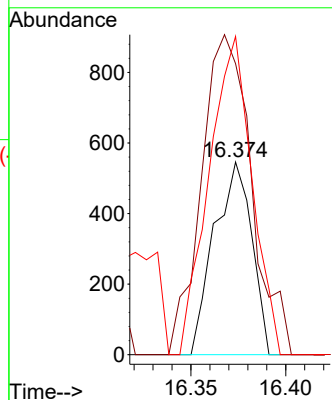
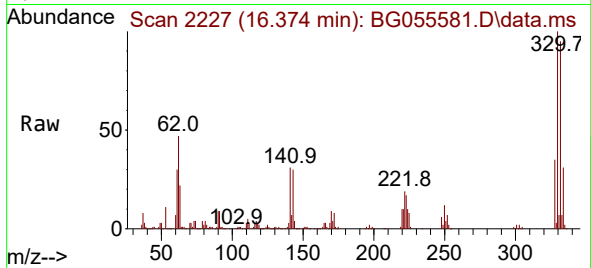




#65
4,6-Dinitro-2-methylphenol
Concen: 2.719 ng
RT: 16.374 min Scan# 2162
Delta R.T. 0.383 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

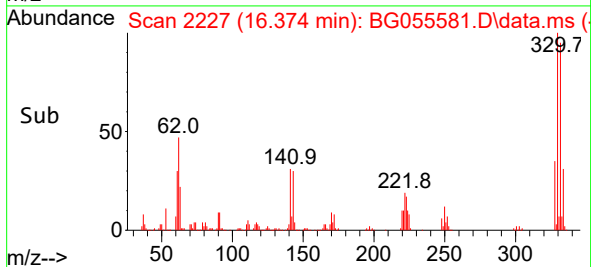
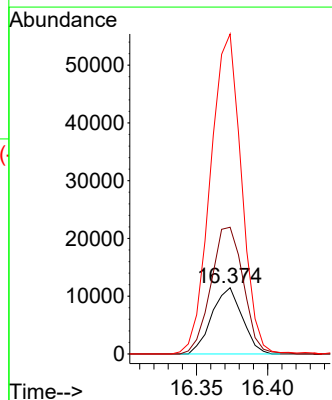
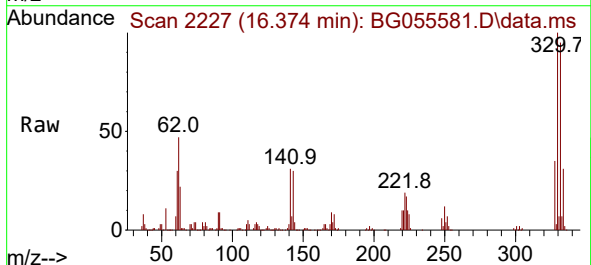
Instrument :
BNA_G
ClientSampleId :
SB-13

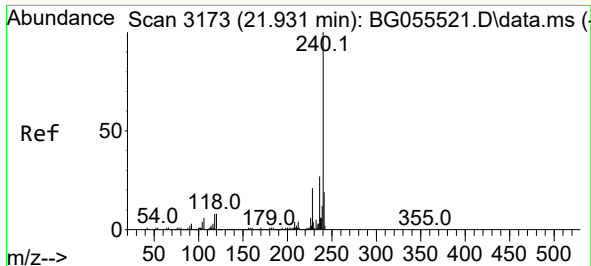
Tgt Ion:198 Resp: 750
Ion Ratio Lower Upper
198 100
51 151.1 24.7 64.7#
105 165.2 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 4.443 ng
RT: 16.374 min Scan# 2227
Delta R.T. -0.439 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Tgt Ion:248 Resp: 17097
Ion Ratio Lower Upper
248 100
250 191.1 76.9 115.3#
141 482.7 54.3 81.5#

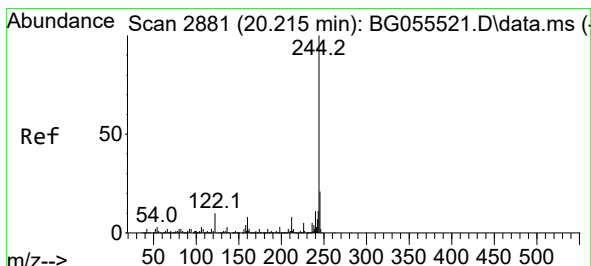
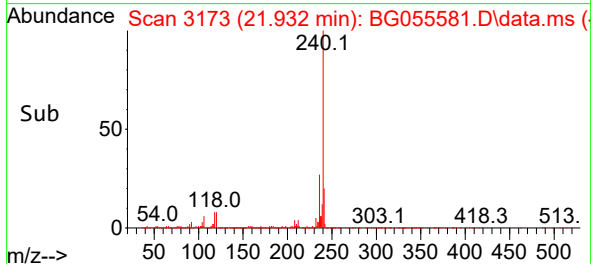
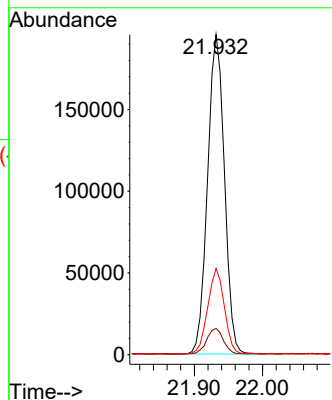
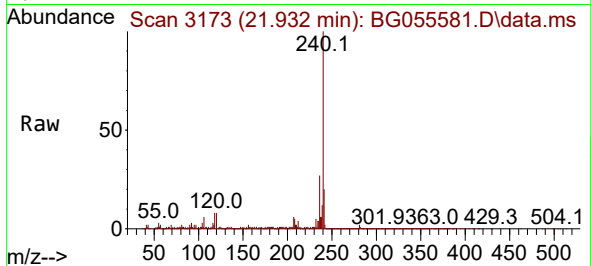




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.932 min Scan# 3173
Delta R.T. 0.001 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

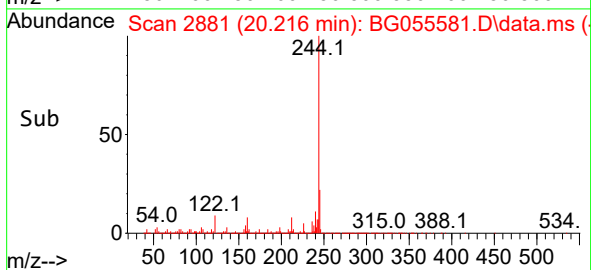
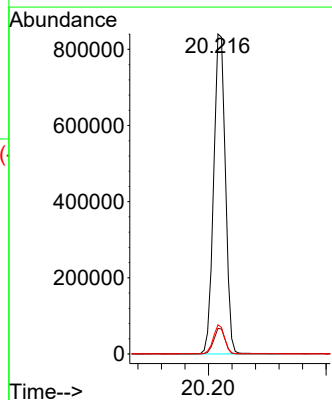
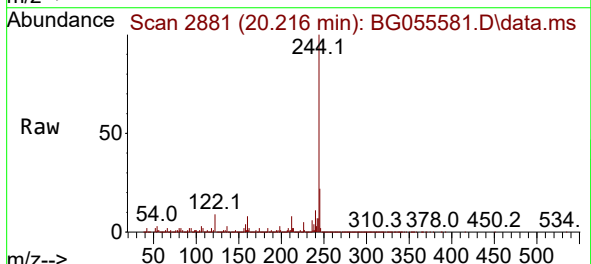
Instrument :
BNA_G
ClientSampleId :
SB-13

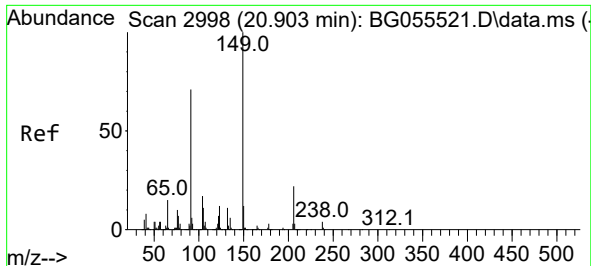
Tgt Ion:240 Resp: 335762
Ion Ratio Lower Upper
240 100
120 8.2 6.1 9.1
236 27.0 21.4 32.0



#79
Terphenyl-d14
Concen: 69.572 ng
RT: 20.216 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Tgt Ion:244 Resp: 1162999
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.1 7.7 11.5

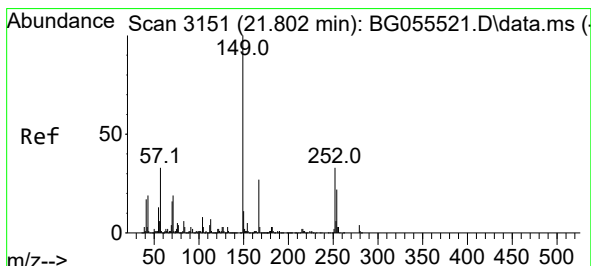
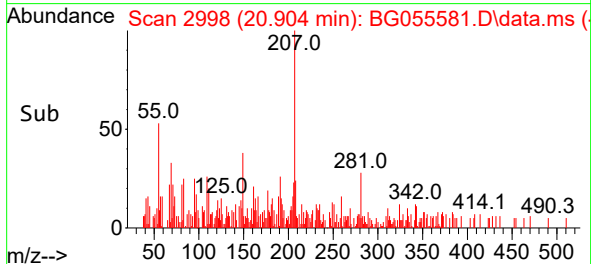
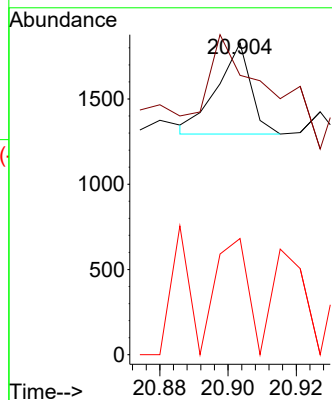
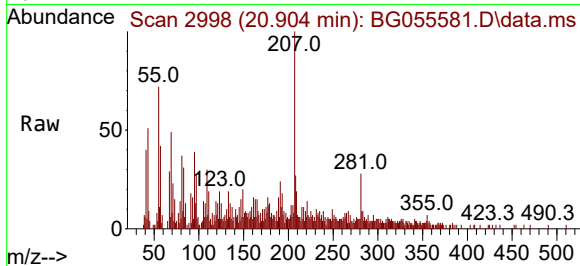




#80
 Butylbenzylphthalate
 Concen: 3.404 ng
 RT: 20.904 min Scan# 2998
 Delta R.T. 0.001 min
 Lab File: BG055581.D
 Acq: 12 Nov 2022 1:09

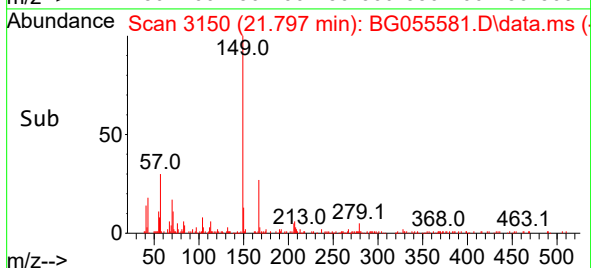
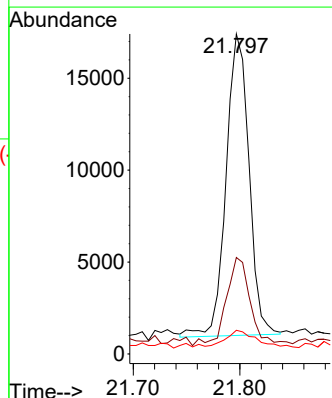
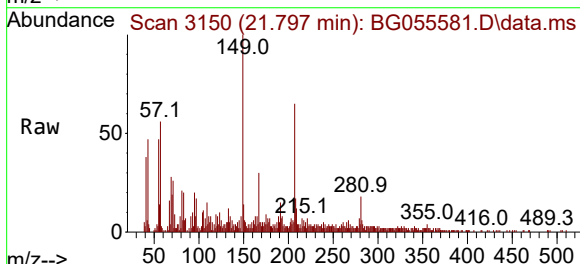
Instrument :
 BNA_G
 ClientSampleId :
 SB-13

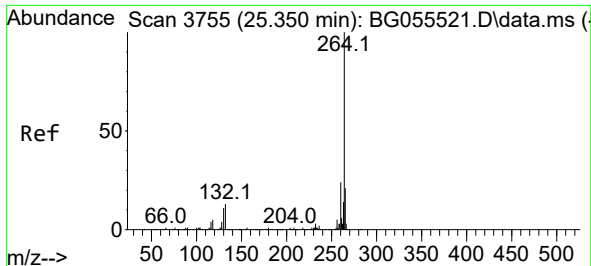
Tgt Ion:149 Resp: 365
 Ion Ratio Lower Upper
 149 100
 91 89.7 56.8 85.2#
 206 37.3 17.3 25.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.138 ng
 RT: 21.797 min Scan# 3150
 Delta R.T. -0.005 min
 Lab File: BG055581.D
 Acq: 12 Nov 2022 1:09

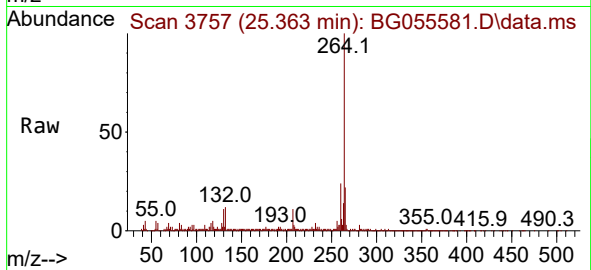
Tgt Ion:149 Resp: 24522
 Ion Ratio Lower Upper
 149 100
 167 30.2 21.4 32.2
 279 7.4 3.4 5.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.363 min Scan# 31
Delta R.T. 0.013 min
Lab File: BG055581.D
Acq: 12 Nov 2022 1:09

Instrument :
BNA_G
ClientSampleId :
SB-13



Tgt Ion:264 Resp: 356224

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.8	17.1	25.7

