

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055545.D
 Acq On : 10 Nov 2022 18:52
 Operator : CG/JU
 Sample : N5495-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-31B

Quant Time: Nov 11 02:01:53 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)

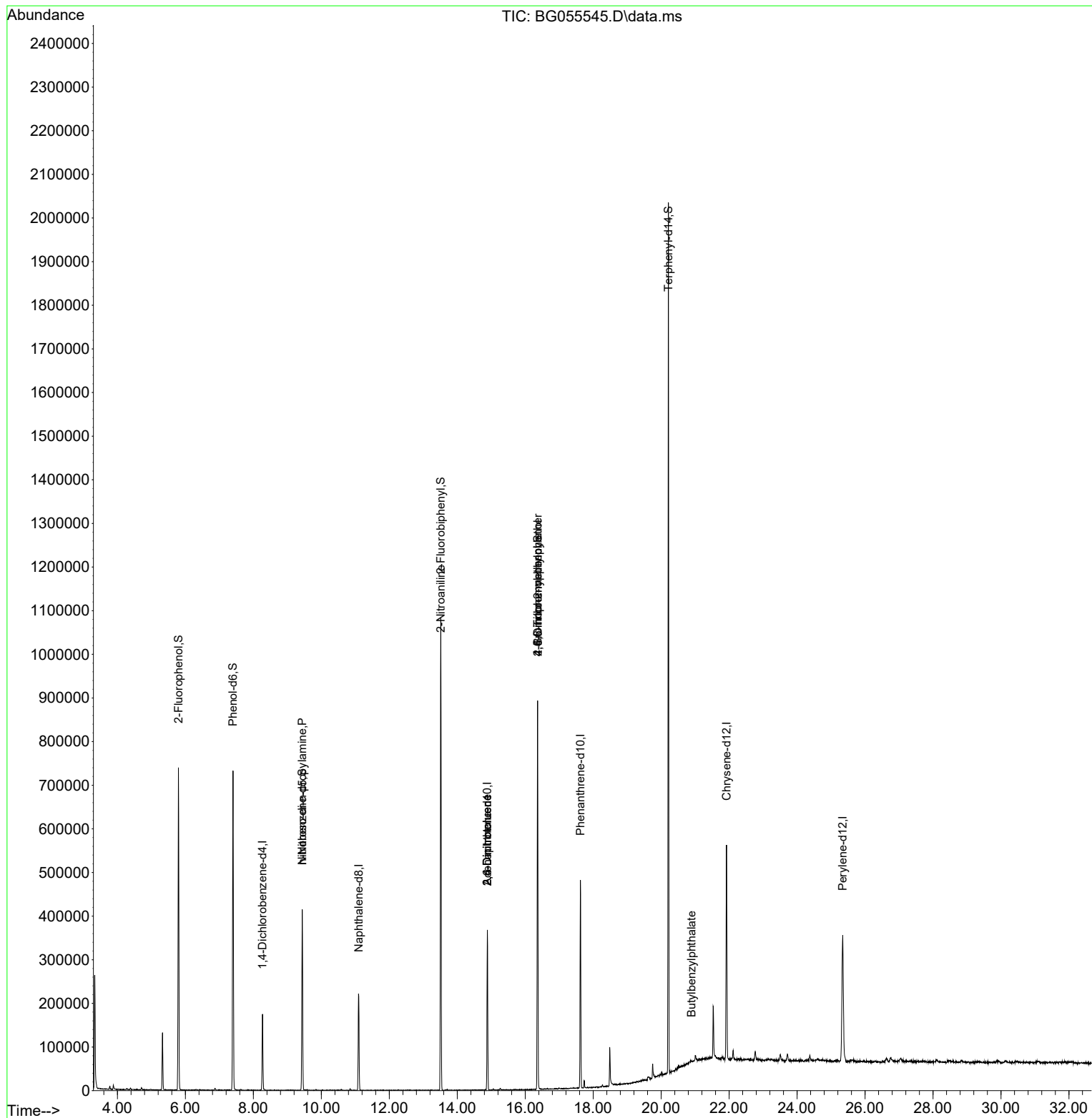
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	47138	20.000	ng	0.00
21) Naphthalene-d8	11.101	136	187997	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	128263	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	305952	20.000	ng	0.00
76) Chrysene-d12	21.924	240	313258	20.000	ng	# 0.00
86) Perylene-d12	25.343	264	326860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	302520	122.241	ng	0.00
7) Phenol-d6	7.400	99	390469	114.222	ng	0.00
23) Nitrobenzene-d5	9.439	82	232851	83.966	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	170818	136.494	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	543614	63.930	ng	0.00
79) Terphenyl-d14	20.214	244	941436	60.363	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	31283	11.073	ng	# 83
48) 2-Nitroaniline	13.510	65	987	4.274	ng	# 1
51) 2,6-Dinitrotoluene	14.885	165	16765	12.295	ng	# 21
57) 2,4-Dinitrotoluene	14.885	165	16765	10.472	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.366	198	654	2.781	ng	# 1
67) 4-Bromophenyl-phenylether	16.366	248	10774	3.452	ng	# 1
80) Butylbenzylphthalate	20.890	149	117	3.378	ng	# 66

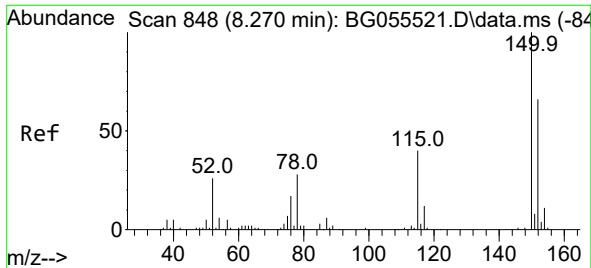
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
Data File : BG055545.D
Acq On : 10 Nov 2022 18:52
Operator : CG/JU
Sample : N5495-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-31B

Quant Time: Nov 11 02:01:53 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

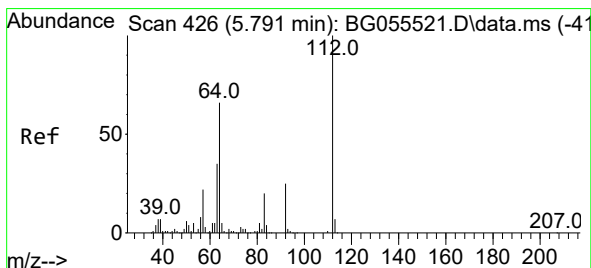
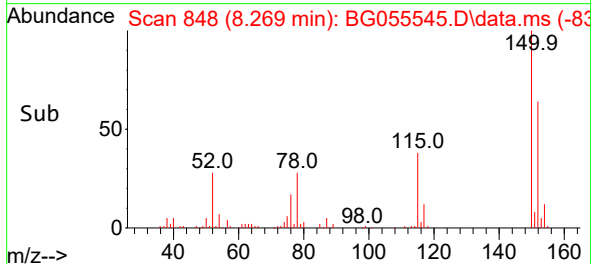
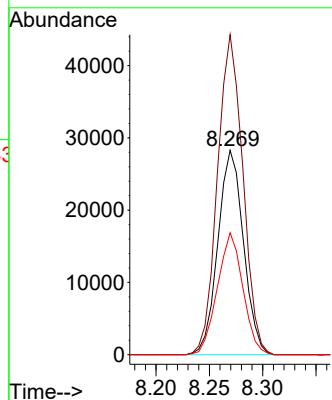
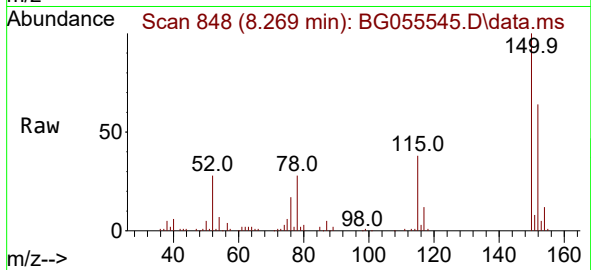




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.269 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

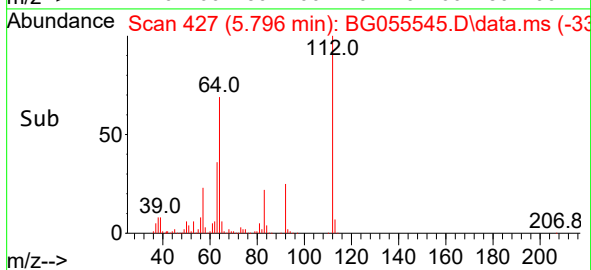
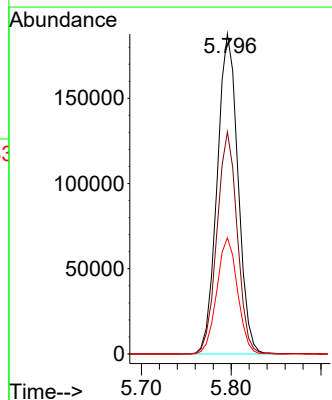
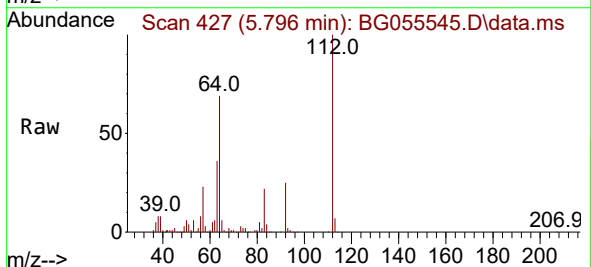
Instrument :
BNA_G
ClientSampleId :
SB-31B

Tgt Ion:152 Resp: 47138
Ion Ratio Lower Upper
152 100
150 156.6 121.0 181.4
115 59.7 47.8 71.8



#5
2-Fluorophenol
Concen: 122.241 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.005 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

Tgt Ion:112 Resp: 302520
Ion Ratio Lower Upper
112 100
64 69.4 52.6 78.8
63 36.3 28.3 42.5

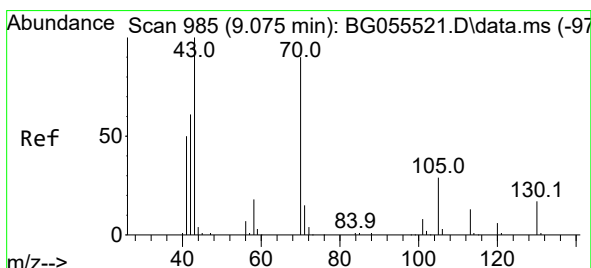
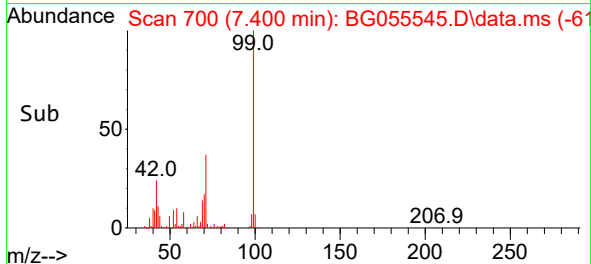
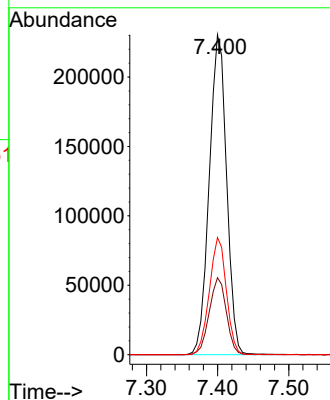
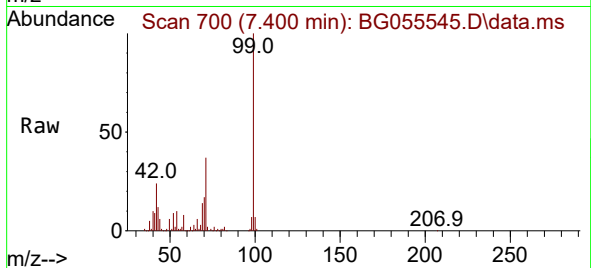




#7
Phenol-d6
Concen: 114.222 ng
RT: 7.400 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

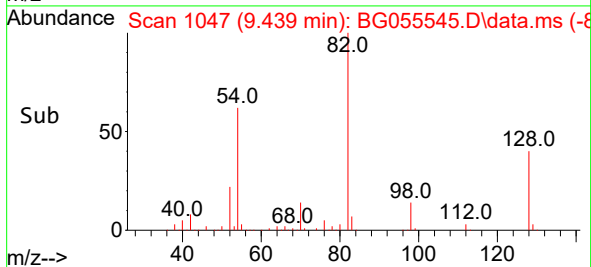
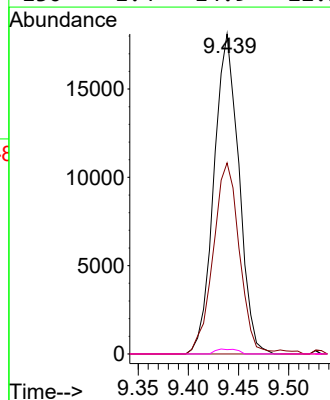
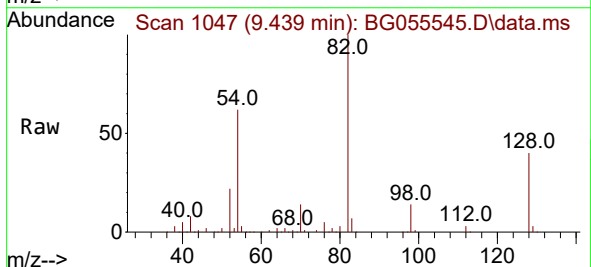
Instrument :
BNA_G
ClientSampleId :
SB-31B

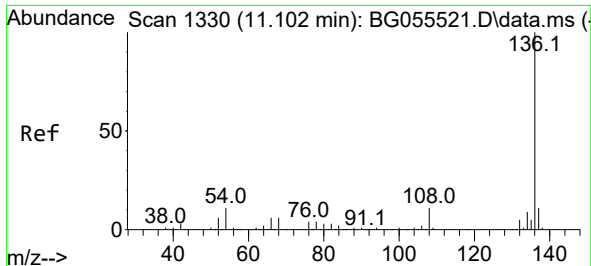
Tgt Ion: 99 Resp: 390469
Ion Ratio Lower Upper
99 100
42 24.0 17.5 26.3
71 36.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.073 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

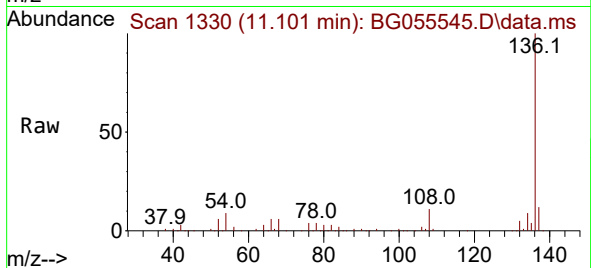
Tgt Ion: 70 Resp: 31283
Ion Ratio Lower Upper
70 100
42 59.7 54.8 82.2
101 0.0 6.8 10.2#
130 1.4 14.9 22.3#



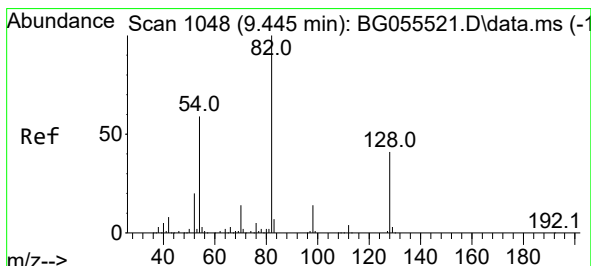
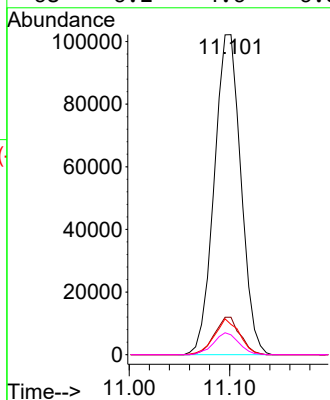
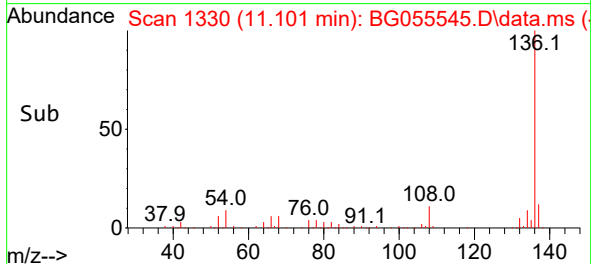


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.101 min Scan# 1110
Delta R.T. -0.001 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

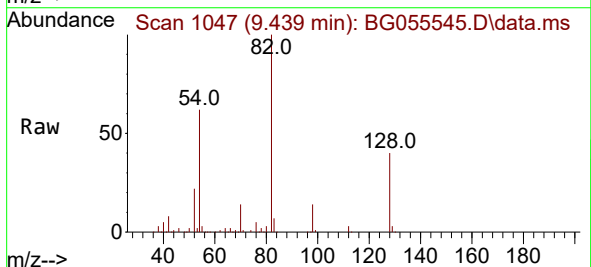
Instrument :
BNA_G
ClientSampleId :
SB-31B



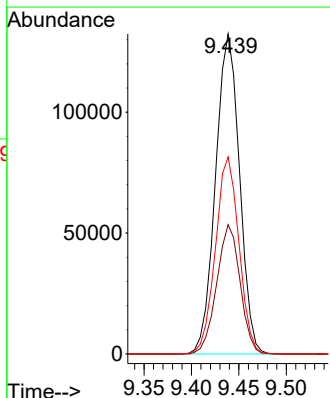
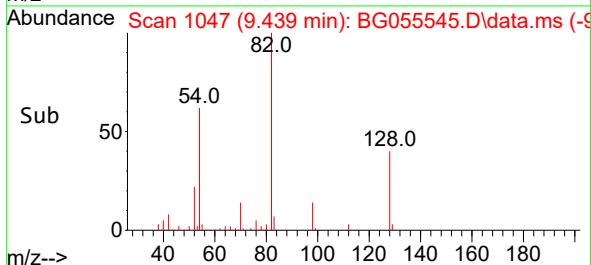
Tgt Ion:136 Resp: 187997
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 9.4 8.6 12.8
68 6.2 4.6 6.8

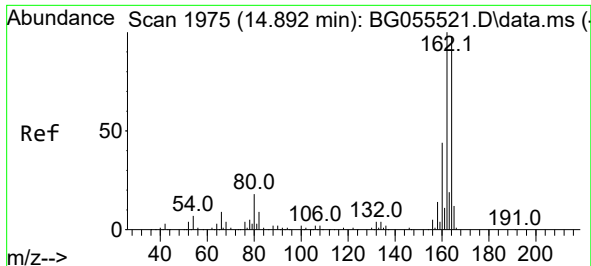


#23
Nitrobenzene-d5
Concen: 83.966 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52



Tgt Ion: 82 Resp: 232851
Ion Ratio Lower Upper
82 100
128 40.4 32.6 49.0
54 61.6 47.3 70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.885 min Scan# 1974

Delta R.T. -0.007 min

Lab File: BG055545.D

Acq: 10 Nov 2022 18:52

Instrument :

BNA_G

ClientSampleId :

SB-31B

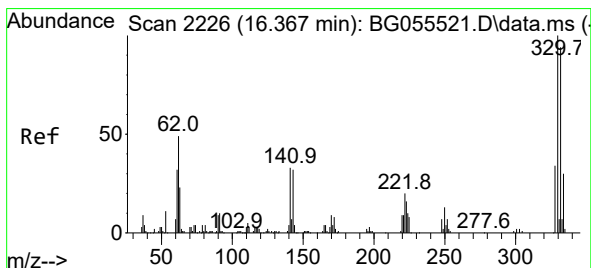
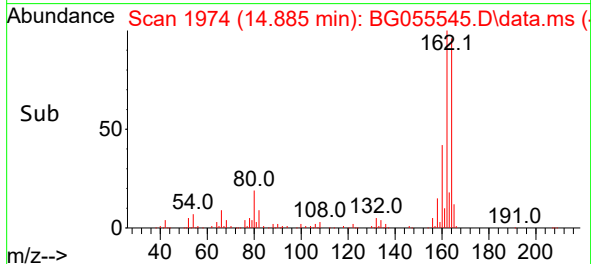
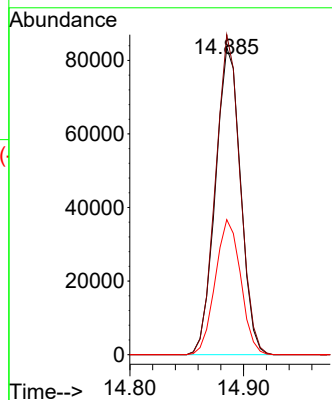
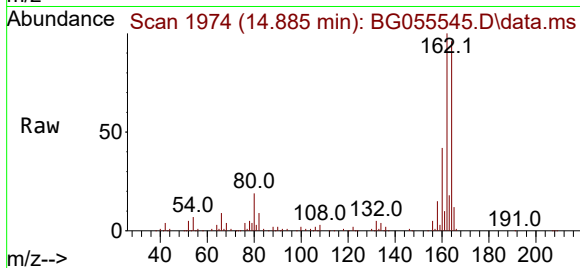
Tgt Ion:164 Resp: 128263

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

160 44.0 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 136.494 ng

RT: 16.366 min Scan# 2226

Delta R.T. -0.001 min

Lab File: BG055545.D

Acq: 10 Nov 2022 18:52

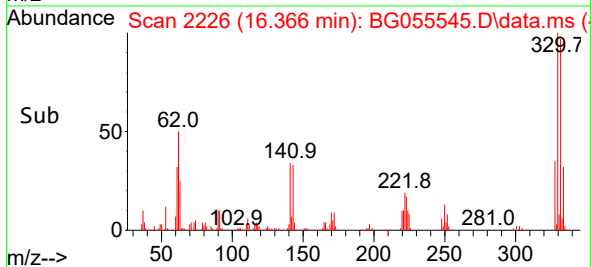
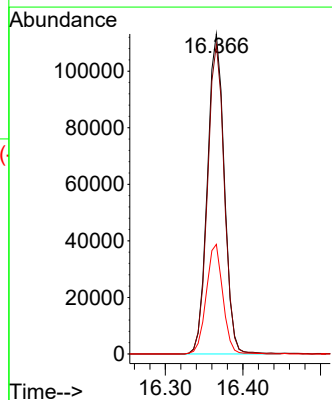
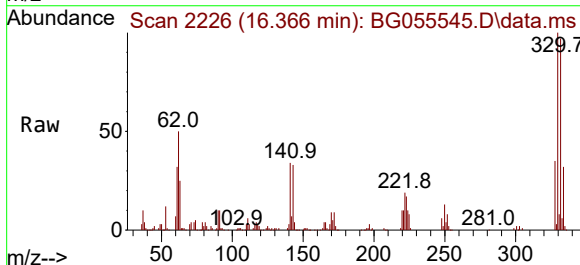
Tgt Ion:330 Resp: 170818

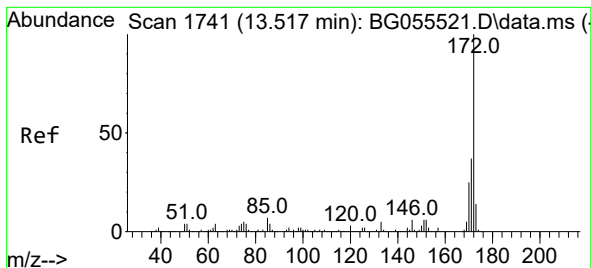
Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

141 33.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 63.930 ng

RT: 13.516 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055545.D

Acq: 10 Nov 2022 18:52

Instrument :

BNA_G

ClientSampleId :

SB-31B

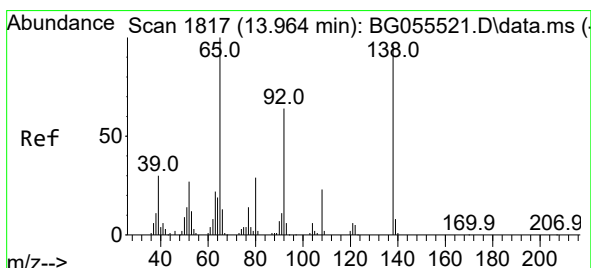
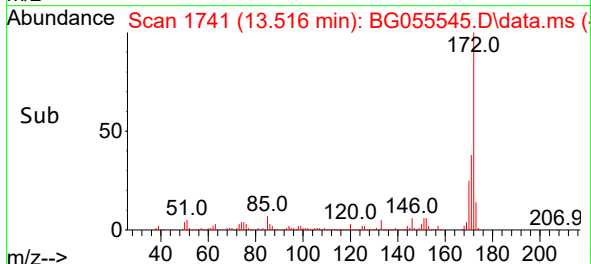
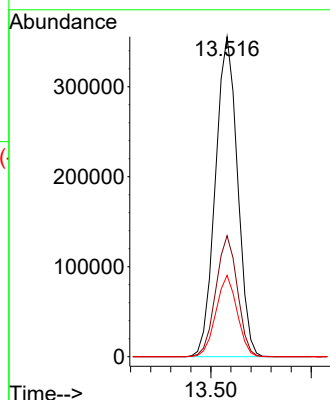
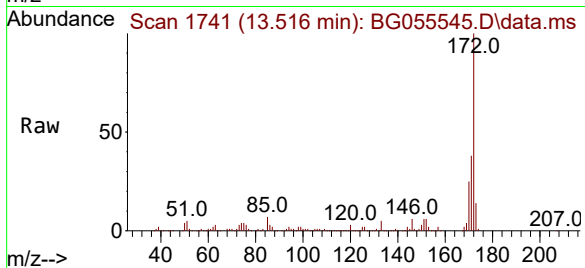
Tgt Ion:172 Resp: 543614

Ion Ratio Lower Upper

172 100

171 37.8 29.7 44.5

170 25.4 19.8 29.6



#48

2-Nitroaniline

Concen: 4.274 ng

RT: 13.510 min Scan# 1740

Delta R.T. -0.454 min

Lab File: BG055545.D

Acq: 10 Nov 2022 18:52

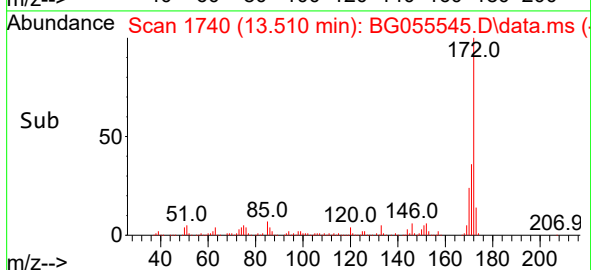
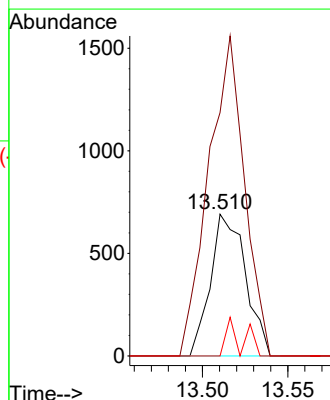
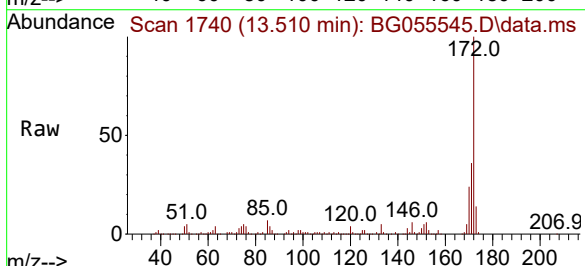
Tgt Ion: 65 Resp: 987

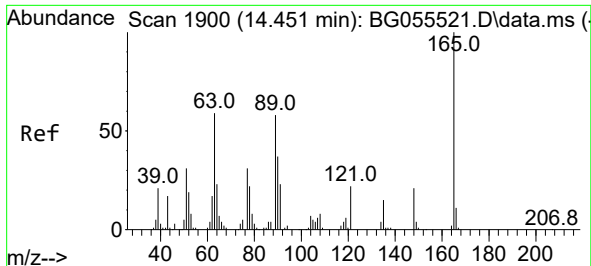
Ion Ratio Lower Upper

65 100

92 171.6 51.6 77.4#

138 0.0 77.0 115.4#

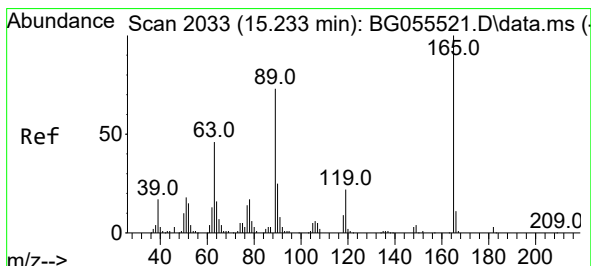
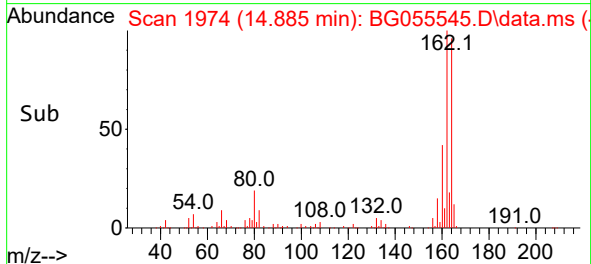
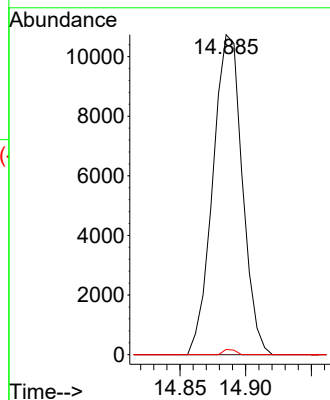
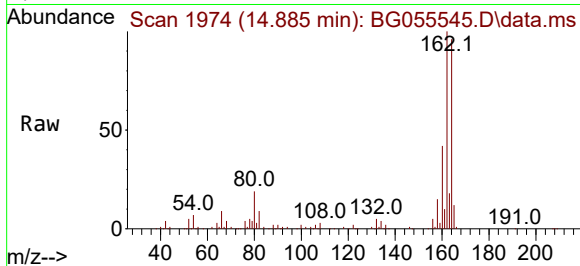




#51
2,6-Dinitrotoluene
Concen: 12.295 ng
RT: 14.885 min Scan# 1900
Delta R.T. 0.434 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

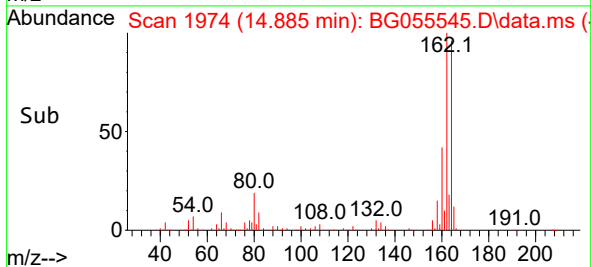
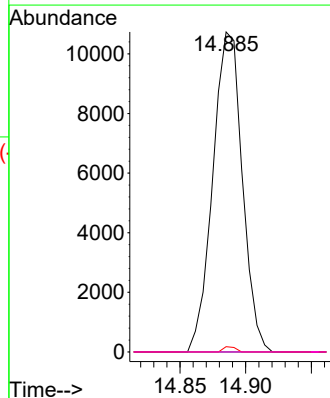
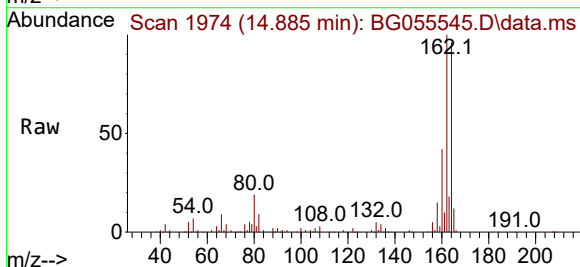
Instrument :
BNA_G
ClientSampleId :
SB-31B

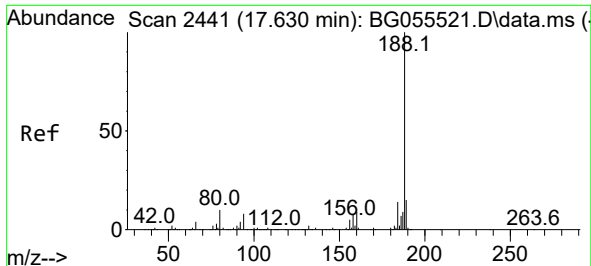
Tgt Ion:165 Resp: 16765
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.7 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.472 ng
RT: 14.885 min Scan# 1974
Delta R.T. -0.348 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

Tgt Ion:165 Resp: 16765
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.7 58.6 87.8#
182 0.0 2.2 3.2#

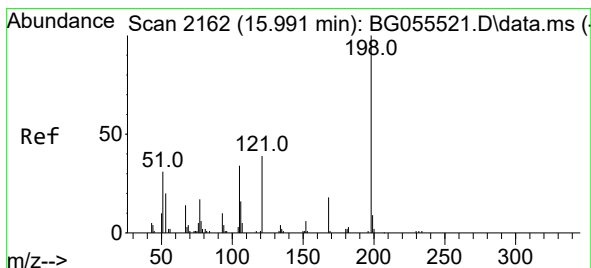
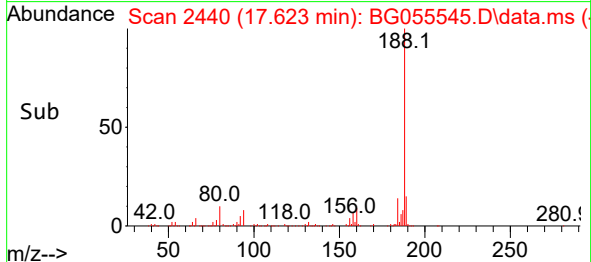
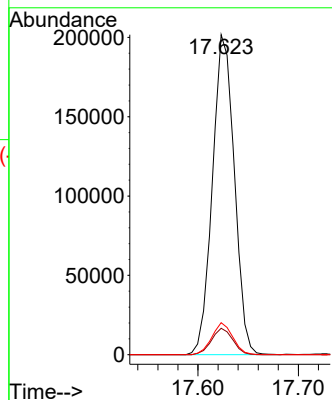
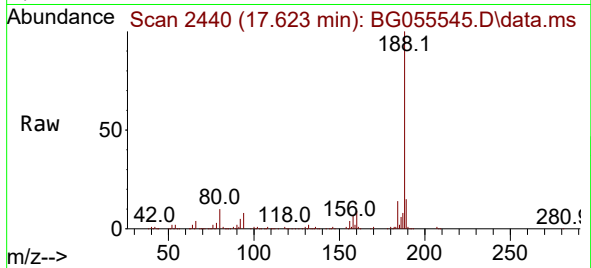




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.623 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

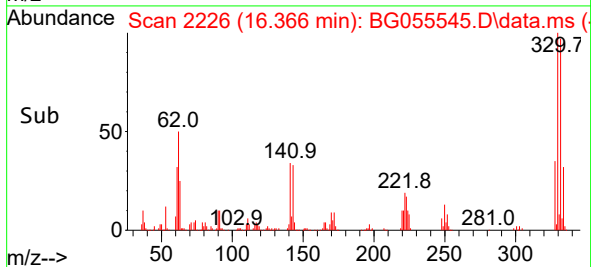
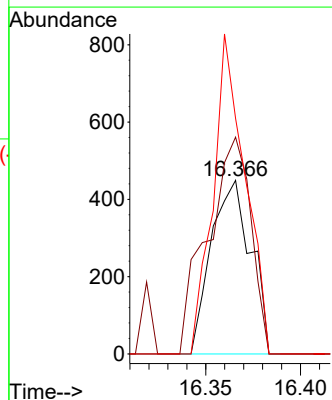
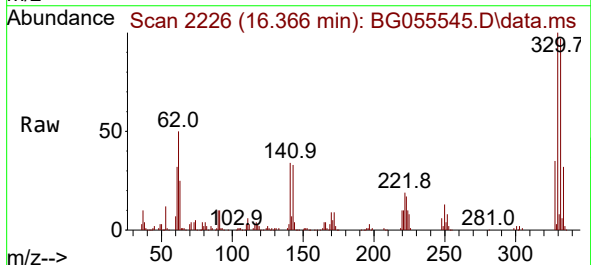
Instrument :
BNA_G
ClientSampleId :
SB-31B

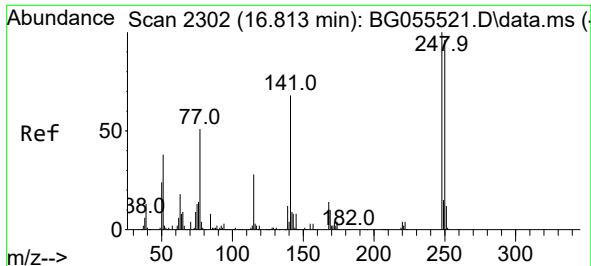
Tgt Ion:188 Resp: 305952
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 10.0 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.781 ng
RT: 16.366 min Scan# 2226
Delta R.T. 0.375 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

Tgt Ion:198 Resp: 654
Ion Ratio Lower Upper
198 100
51 124.9 24.7 64.7#
105 135.9 17.6 57.6#

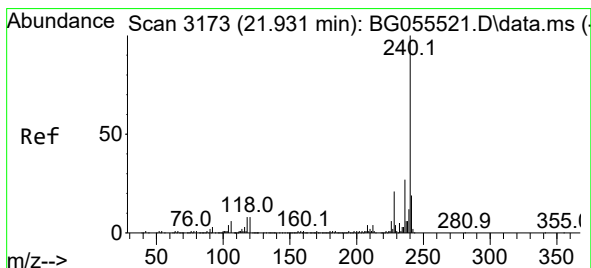
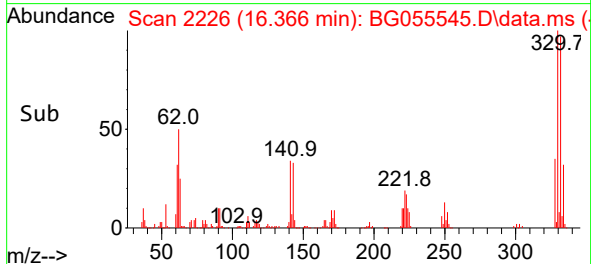
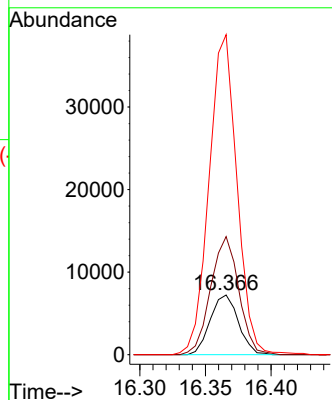
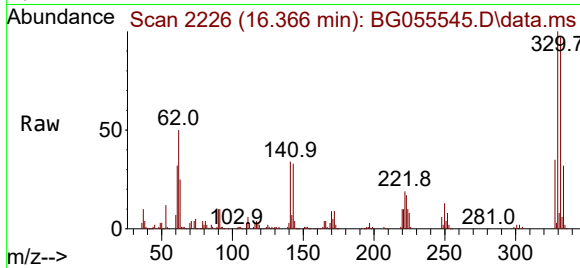




#67
4-Bromophenyl-phenylether
Concen: 3.452 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

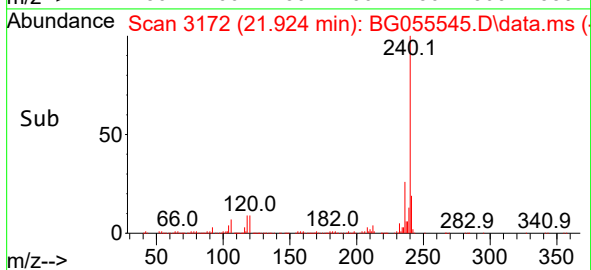
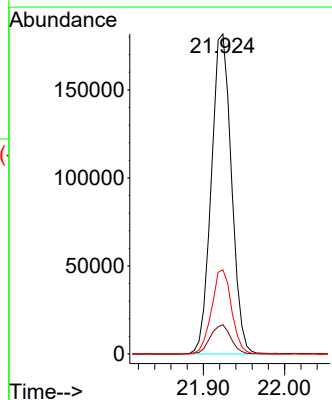
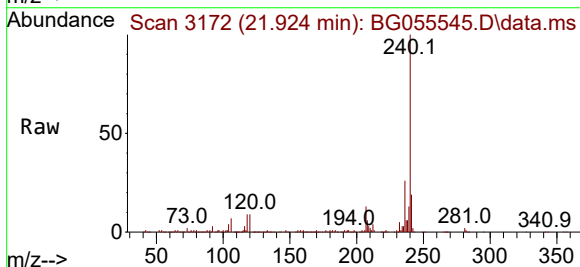
Instrument :
BNA_G
ClientSampleId :
SB-31B

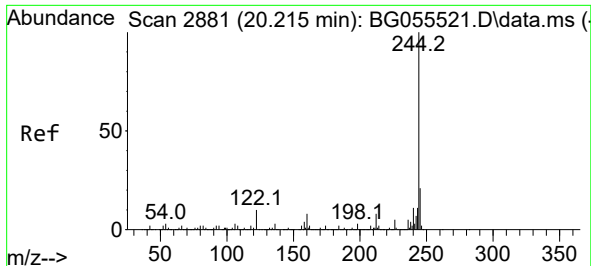
Tgt Ion:248 Resp: 10774
Ion Ratio Lower Upper
248 100
250 197.9 76.9 115.3#
141 536.6 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. -0.007 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

Tgt Ion:240 Resp: 313258
Ion Ratio Lower Upper
240 100
120 9.1 6.1 9.1#
236 26.3 21.4 32.0

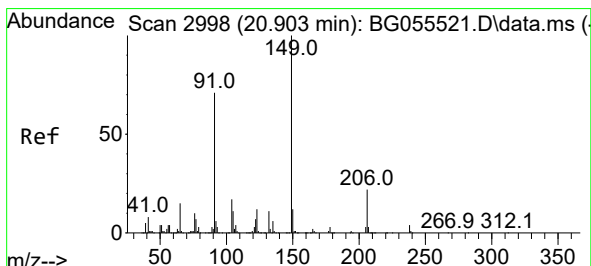
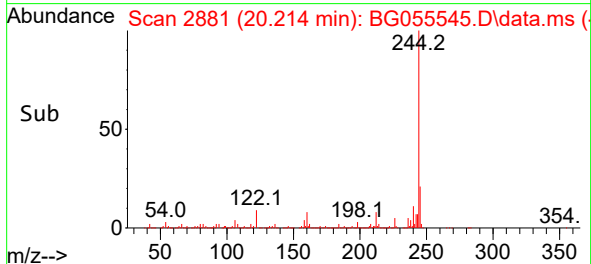
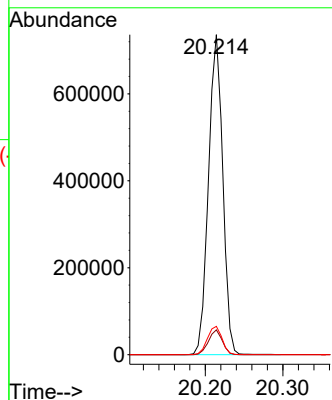
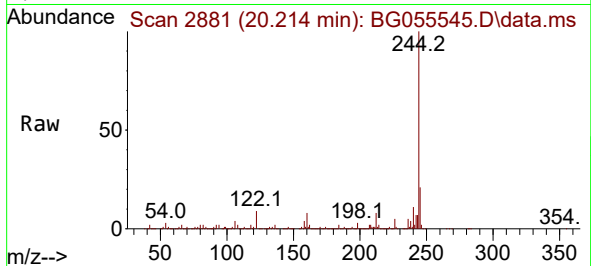




#79
 Terphenyl-d14
 Concen: 60.363 ng
 RT: 20.214 min Scan# 2881
 Delta R.T. -0.001 min
 Lab File: BG055545.D
 Acq: 10 Nov 2022 18:52

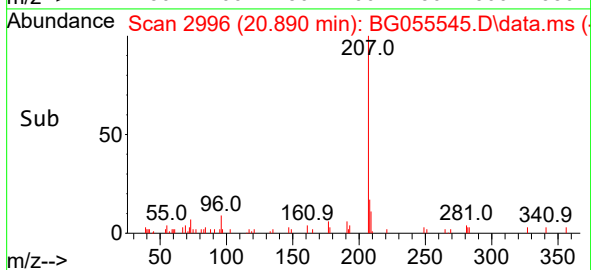
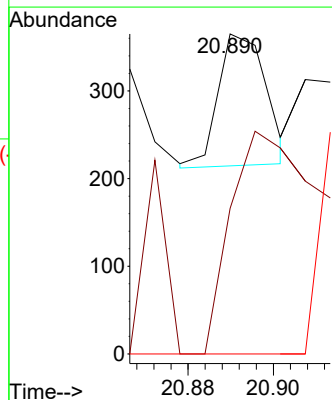
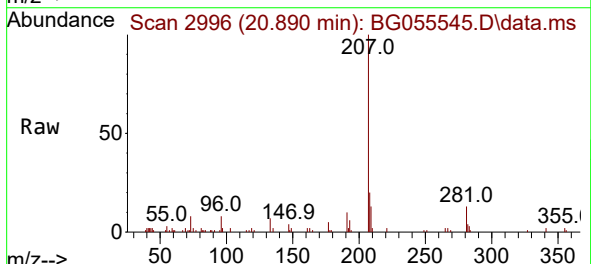
Instrument :
 BNA_G
 ClientSampleId :
 SB-31B

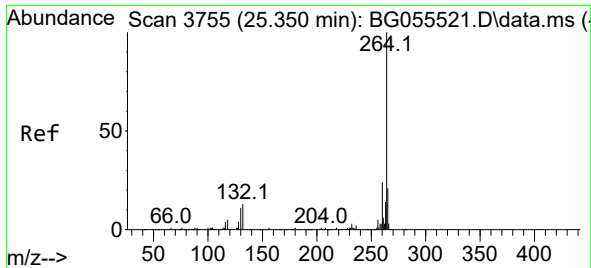
Tgt Ion:244 Resp: 941436
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 8.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.378 ng
 RT: 20.890 min Scan# 2996
 Delta R.T. -0.013 min
 Lab File: BG055545.D
 Acq: 10 Nov 2022 18:52

Tgt Ion:149 Resp: 117
 Ion Ratio Lower Upper
 149 100
 91 45.5 56.8 85.2#
 206 0.0 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.343 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055545.D
Acq: 10 Nov 2022 18:52

Instrument :
BNA_G
ClientSampleId :
SB-31B

Tgt Ion:264 Resp: 326860

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.0	17.1	25.7

