

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058527.D
 Acq On : 28 Jul 2023 21:04
 Operator : MA/JU
 Sample : 03719-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P11A

Quant Time: Jul 28 22:56:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

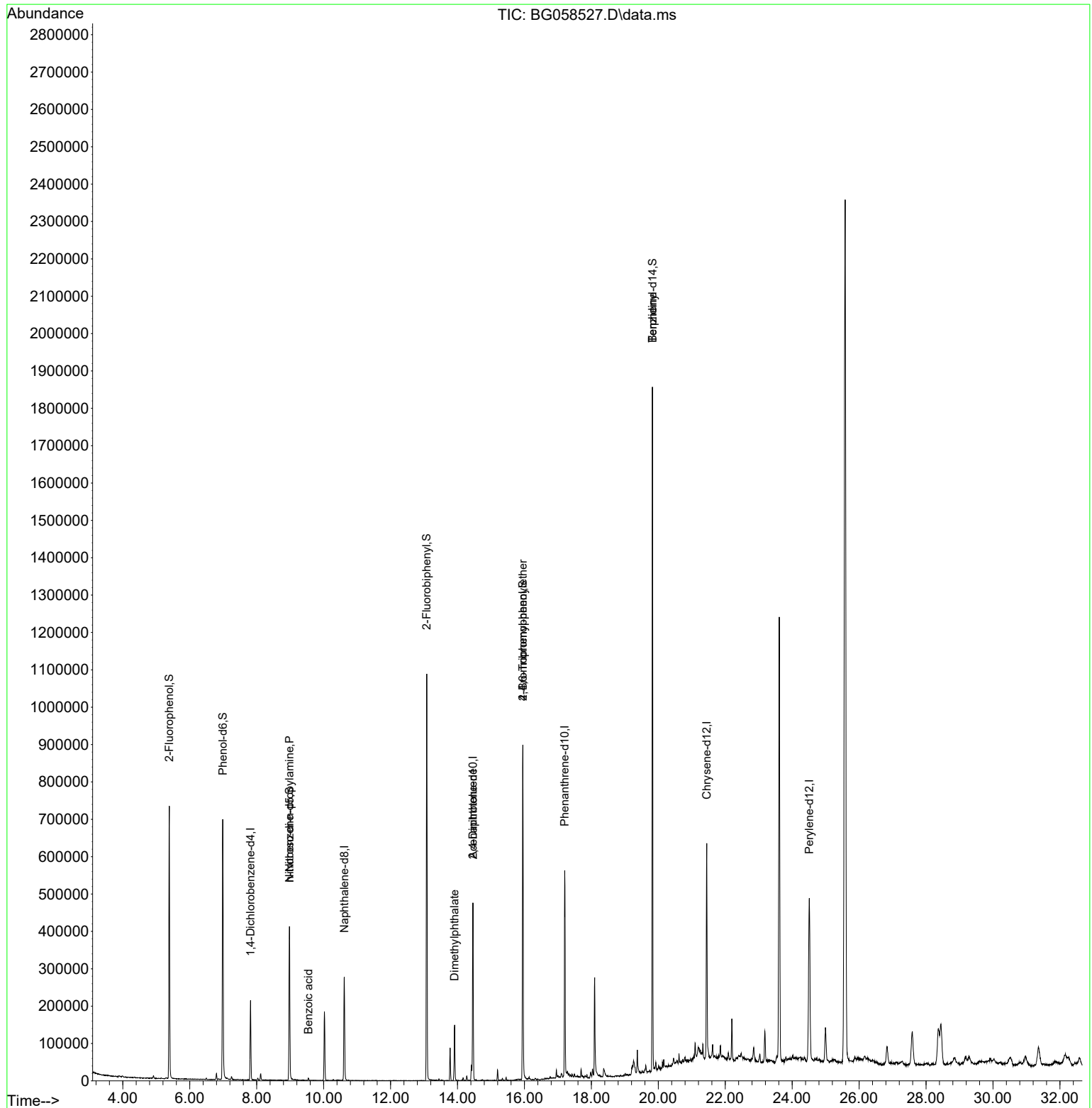
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	58121	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	242182	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	168446	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	370000	20.000	ng	0.00
76) Chrysene-d12	21.446	240	325712	20.000	ng	0.00
86) Perylene-d12	24.513	264	401682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	314050	82.588	ng	0.00
7) Phenol-d6	6.986	99	434400	82.098	ng	0.00
23) Nitrobenzene-d5	8.978	82	264598	53.672	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	204114	73.929	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	620944	55.243	ng	0.00
79) Terphenyl-d14	19.824	244	957692	55.293	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.978	70	32710	9.571	ng	# 81
32) Benzoic acid	9.548	122	363	4.681	ng	# 60
50) Dimethylphthalate	13.913	163	101016	7.985	ng	99
57) 2,4-Dinitrotoluene	14.460	165	21844	5.676	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	12503	2.979	ng	# 1
77) Benzidine	19.824	184	11864	2.402	ng	# 96

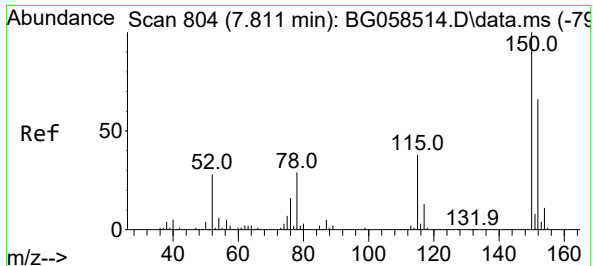
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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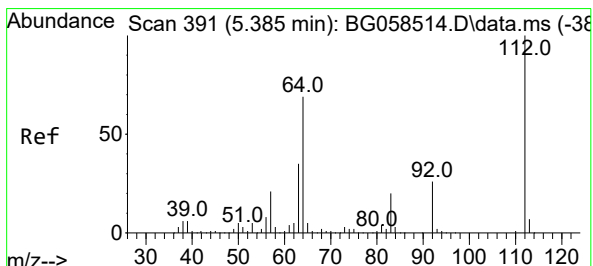
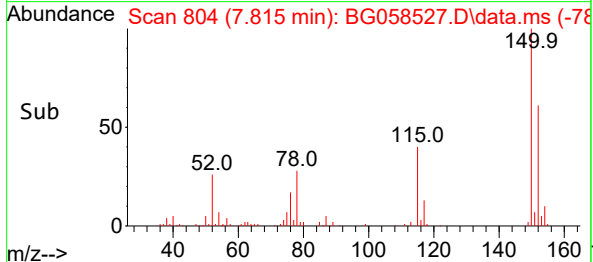
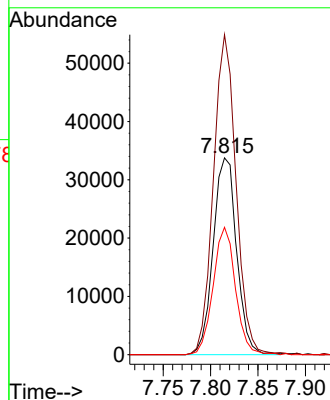
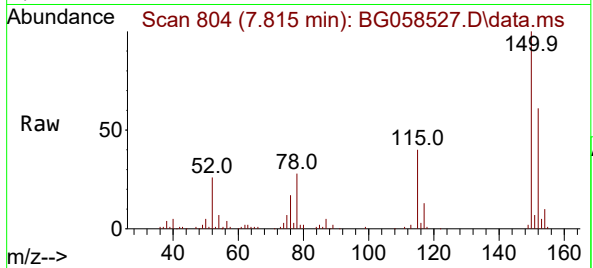




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 804
Delta R.T. 0.004 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

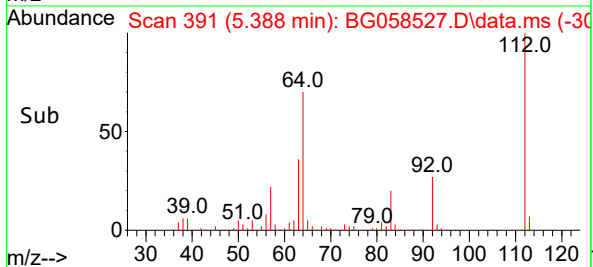
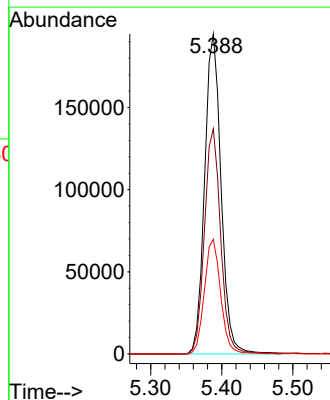
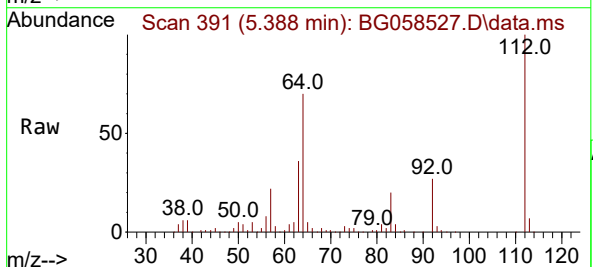
Instrument :
BNA_G
ClientSampleId :
B-P11A

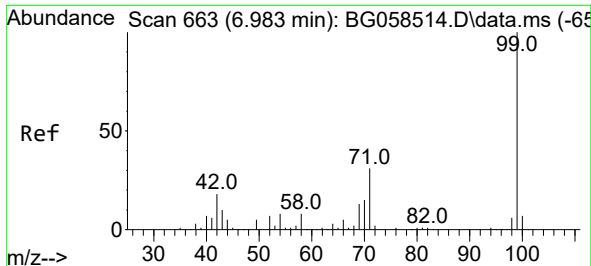
Tgt Ion:152 Resp: 58121
Ion Ratio Lower Upper
152 100
150 162.6 120.5 180.7
115 64.8 45.9 68.9



#5
2-Fluorophenol
Concen: 82.588 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

Tgt Ion:112 Resp: 314050
Ion Ratio Lower Upper
112 100
64 70.4 55.3 82.9
63 35.8 28.3 42.5

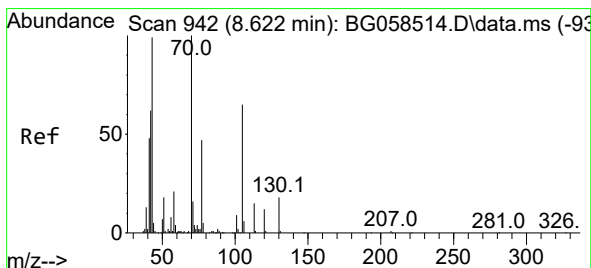
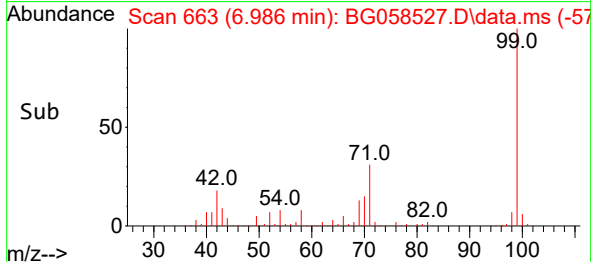
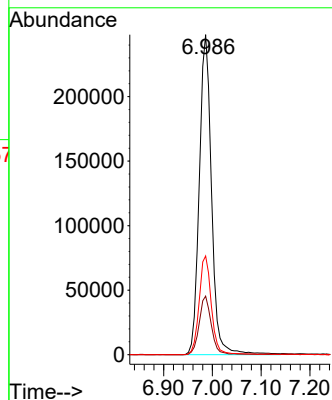
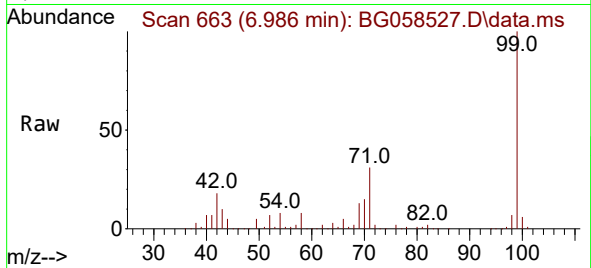




#7
Phenol-d6
Concen: 82.098 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

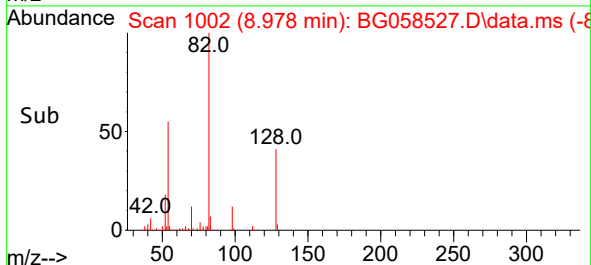
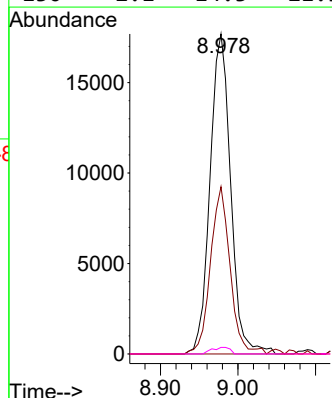
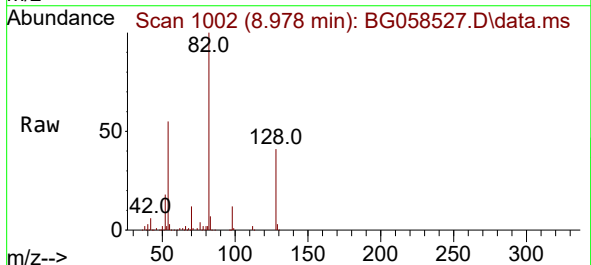
Instrument :
BNA_G
ClientSampleId :
B-P11A

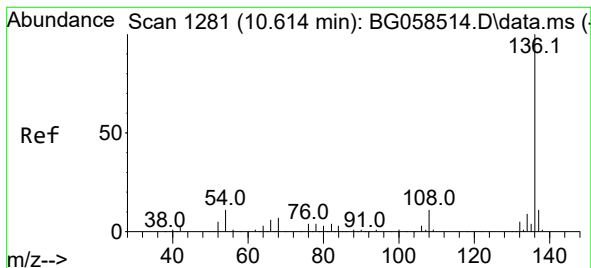
Tgt Ion: 99 Resp: 434400
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 30.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.571 ng
RT: 8.978 min Scan# 1002
Delta R.T. 0.356 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

Tgt Ion: 70 Resp: 32710
Ion Ratio Lower Upper
70 100
42 52.2 49.7 74.5
101 0.0 7.0 10.4#
130 2.1 14.3 21.5#

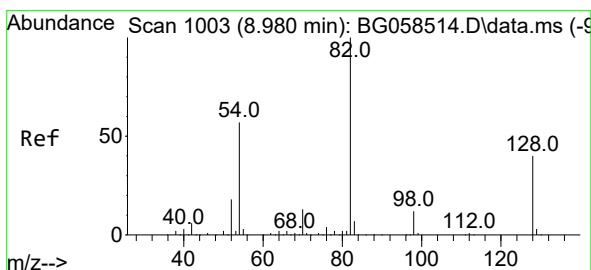
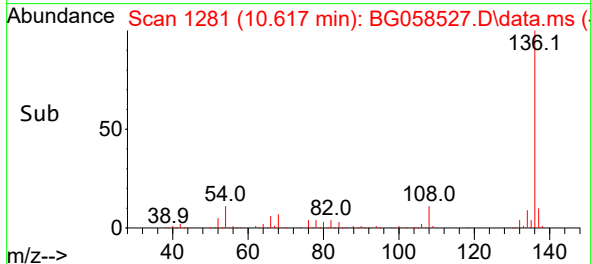
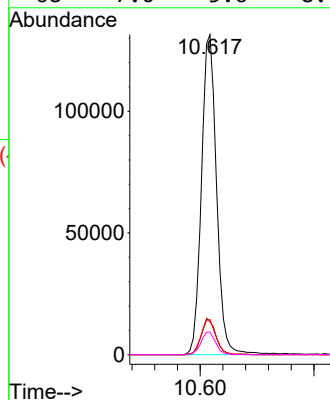
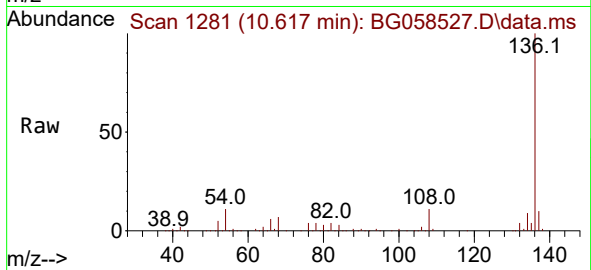




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

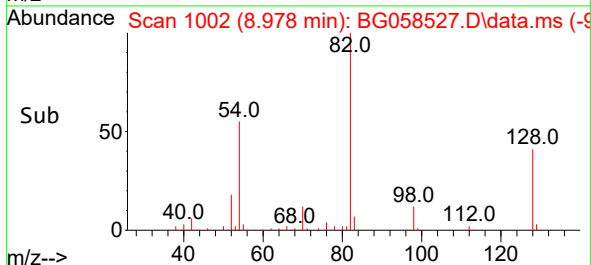
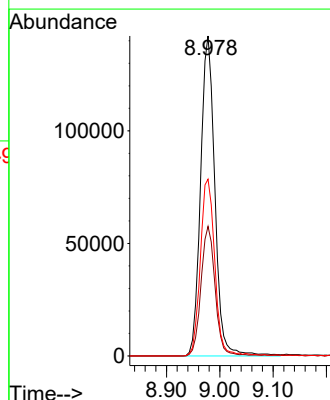
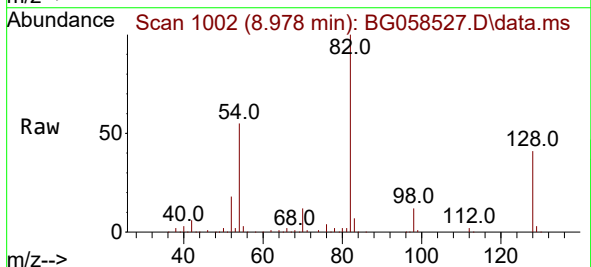
Instrument :
BNA_G
ClientSampleId :
B-P11A

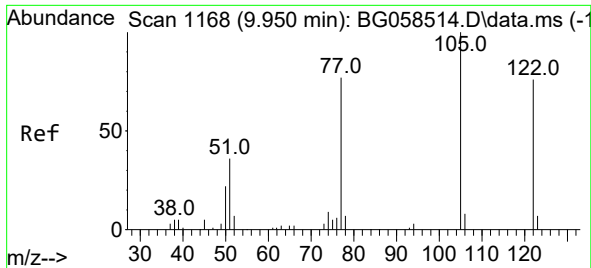
Tgt Ion:	136	Resp:	242182
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	11.0	8.9	13.3
68	7.0	5.6	8.4



#23
Nitrobenzene-d5
Concen: 53.672 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

Tgt Ion:	82	Resp:	264598
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.2	48.2
54	55.2	46.0	69.0

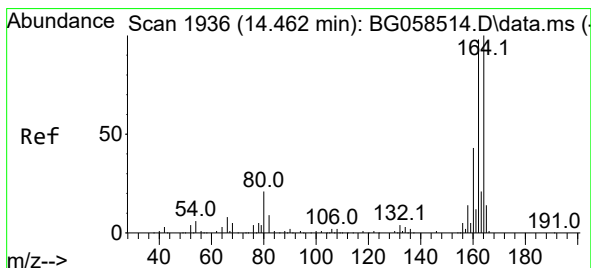
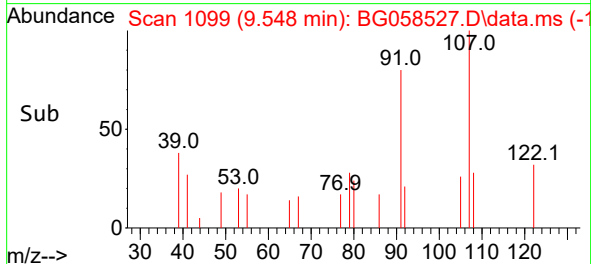
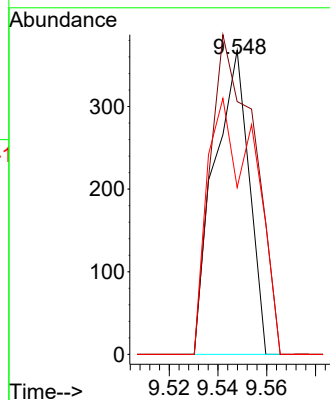
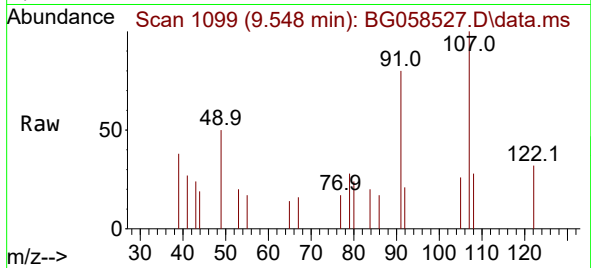




#32
Benzoic acid
Concen: 4.681 ng
RT: 9.548 min Scan# 1099
Delta R.T. -0.402 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

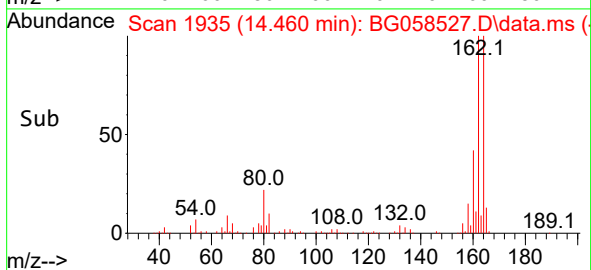
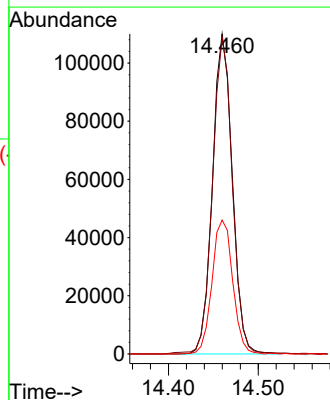
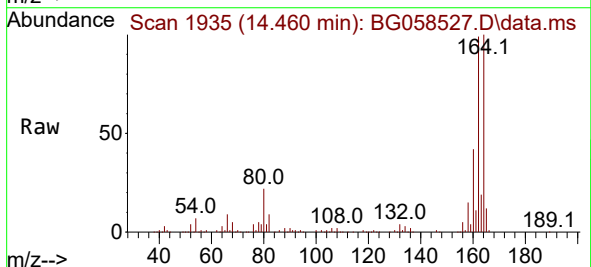
Instrument :
BNA_G
ClientSampleId :
B-P11A

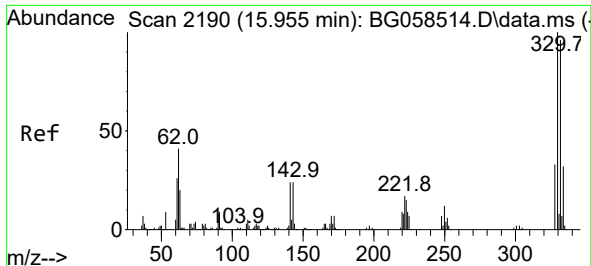
Tgt Ion:122 Resp: 363
Ion Ratio Lower Upper
122 100
105 83.2 106.5 146.5#
77 54.9 78.1 118.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.002 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

Tgt Ion:164 Resp: 168446
Ion Ratio Lower Upper
164 100
162 99.0 78.3 117.5
160 41.8 34.1 51.1

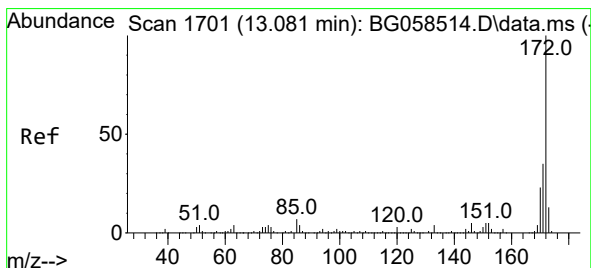
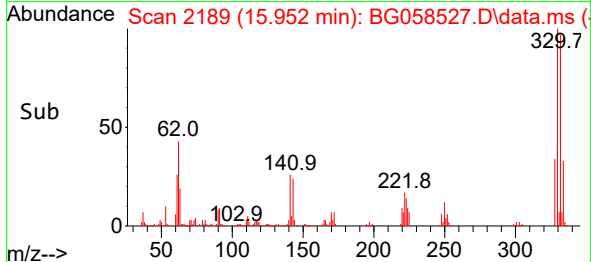
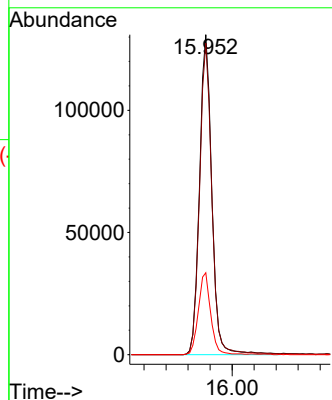
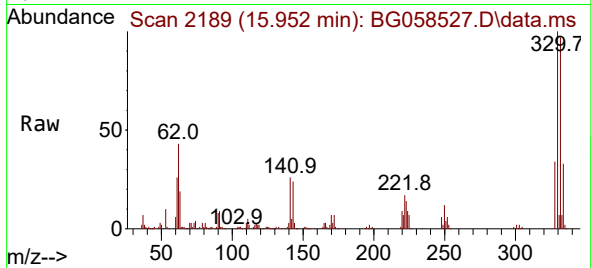




#42
2,4,6-Tribromophenol
Concen: 73.929 ng
RT: 15.952 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

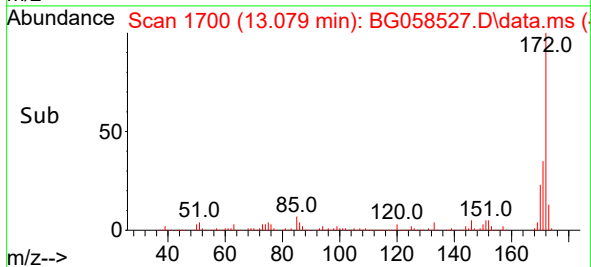
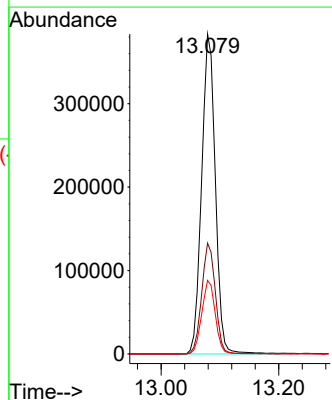
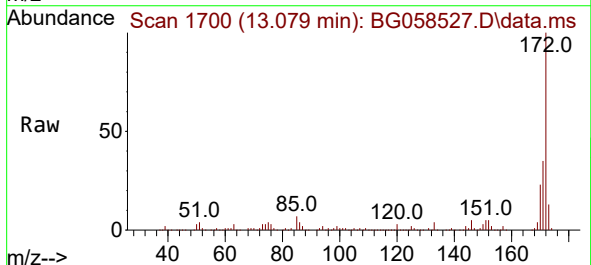
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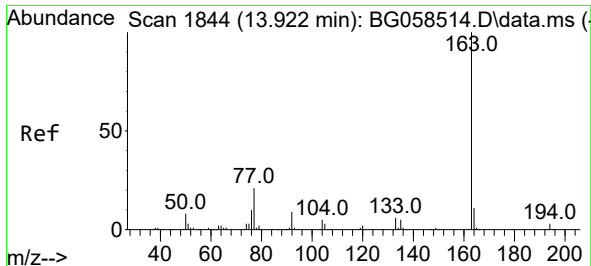
Tgt Ion:330 Resp: 204114
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 25.6 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 55.243 ng
RT: 13.079 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

Tgt Ion:172 Resp: 620944
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.0 18.4 27.6

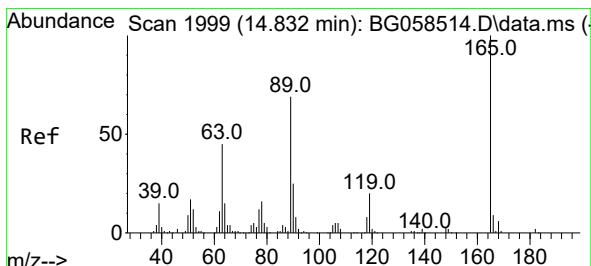
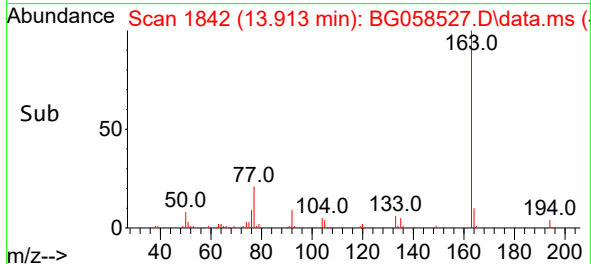
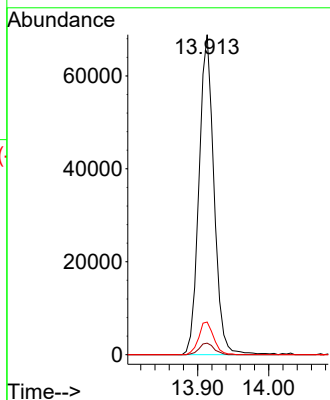
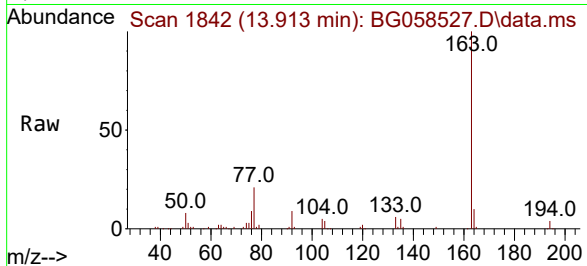




#50
Dimethylphthalate
Concen: 7.985 ng
RT: 13.913 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

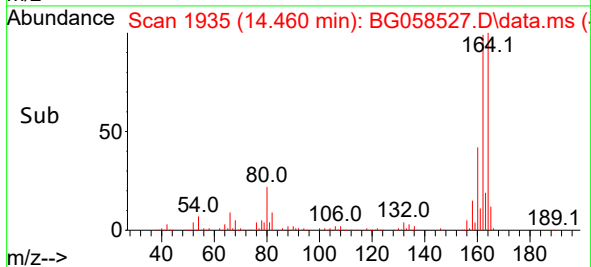
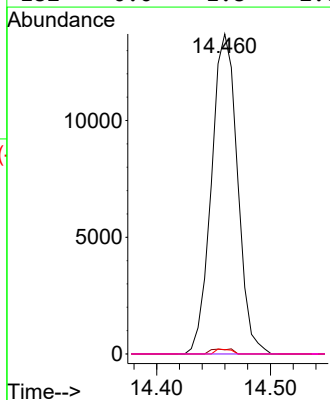
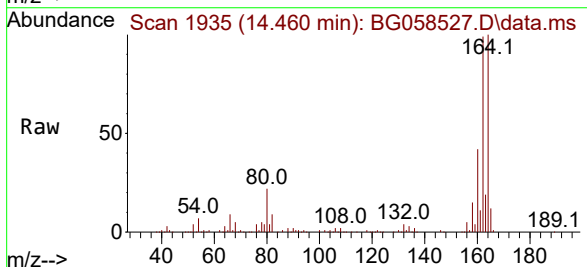
Instrument :
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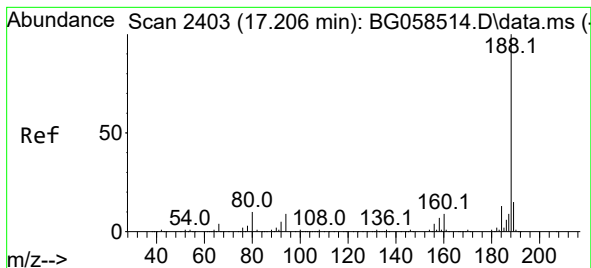
Tgt Ion:163 Resp: 101016
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.6 12.8



#57
2,4-Dinitrotoluene
Concen: 5.676 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.372 min
Lab File: BG058527.D
Acq: 28 Jul 2023 21:04

Tgt Ion:165 Resp: 21844
Ion Ratio Lower Upper
165 100
63 1.3 36.6 54.8#
89 1.3 55.4 83.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG058527.D

Acq: 28 Jul 2023 21:04

Instrument :

BNA_G

ClientSampleId :

B-P11A

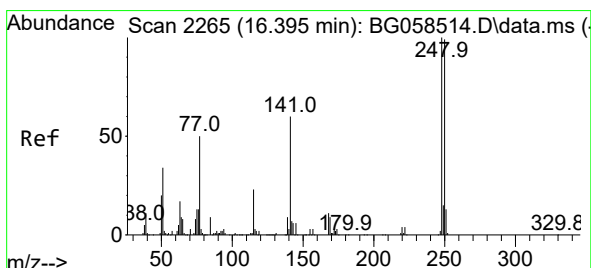
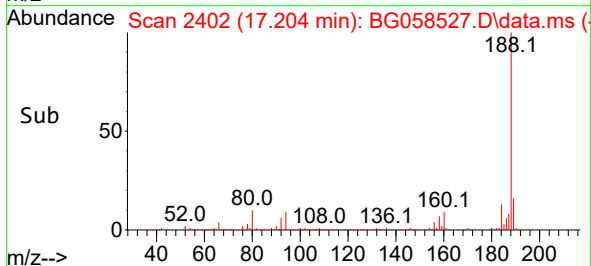
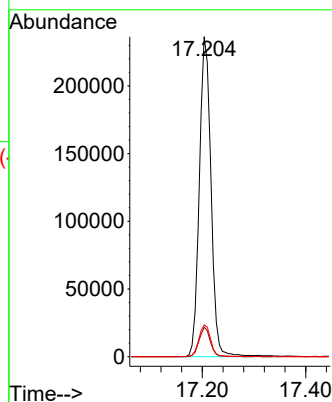
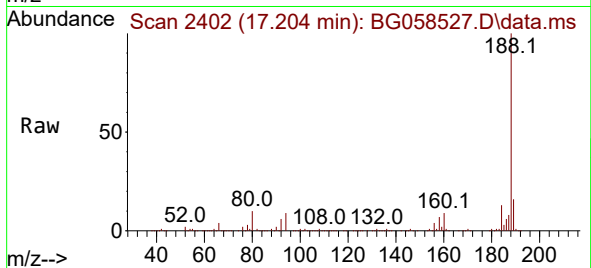
Tgt Ion:188 Resp: 370000

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.9 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.979 ng

RT: 15.952 min Scan# 2189

Delta R.T. -0.443 min

Lab File: BG058527.D

Acq: 28 Jul 2023 21:04

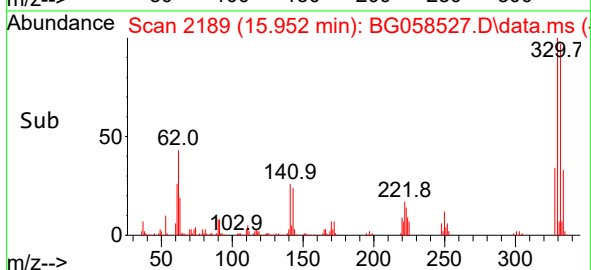
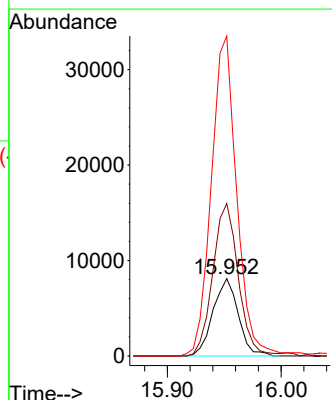
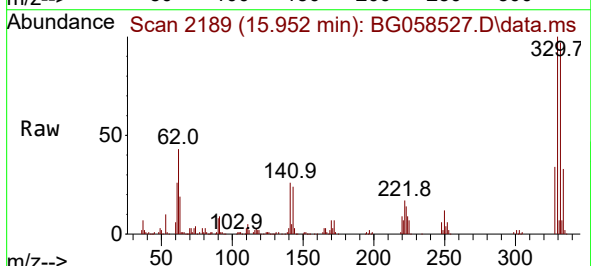
Tgt Ion:248 Resp: 12503

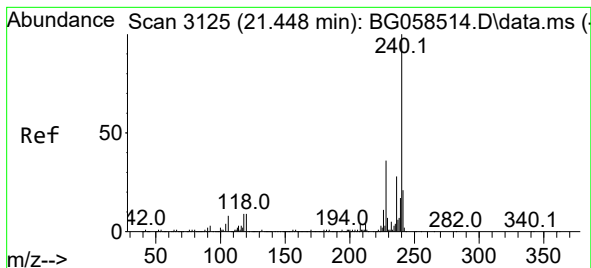
Ion Ratio Lower Upper

248 100

250 197.2 79.5 119.3#

141 413.8 48.2 72.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.446 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG058527.D

Acq: 28 Jul 2023 21:04

Instrument :

BNA_G

ClientSampleId :

B-P11A

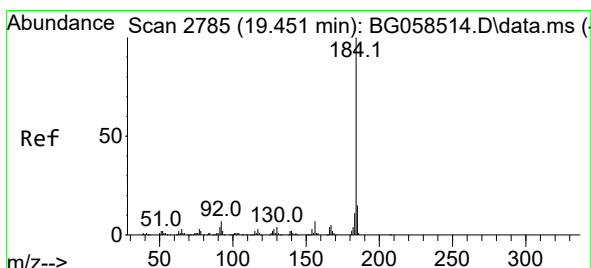
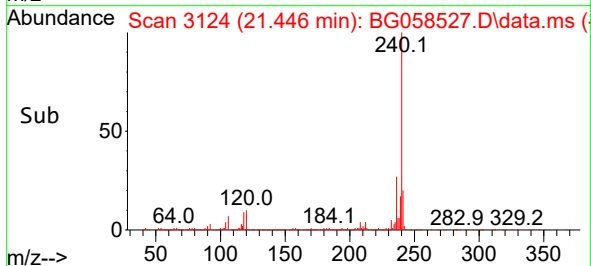
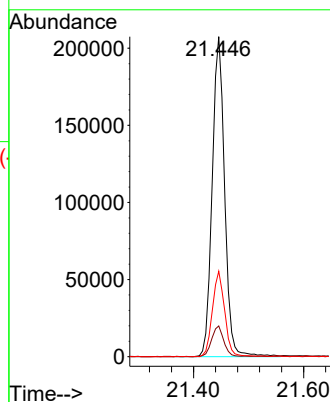
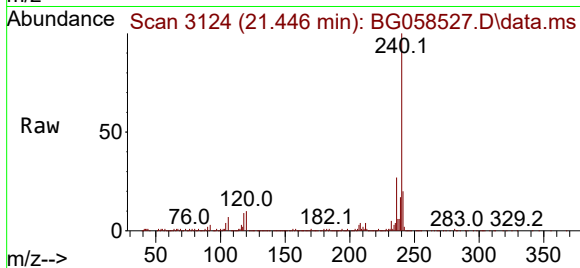
Tgt Ion:240 Resp: 325712

Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 26.7 22.2 33.4



#77

Benzidine

Concen: 2.402 ng

RT: 19.824 min Scan# 2848

Delta R.T. 0.374 min

Lab File: BG058527.D

Acq: 28 Jul 2023 21:04

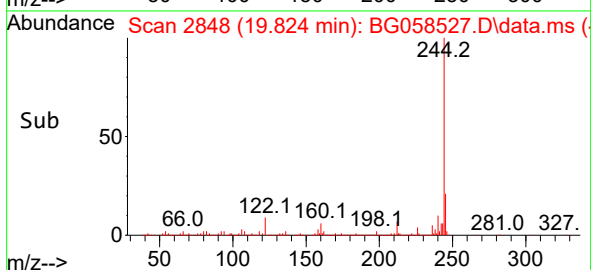
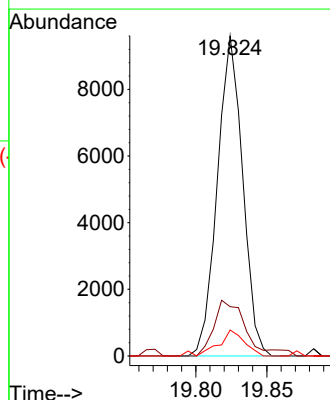
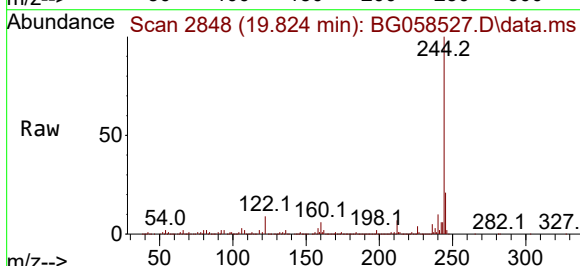
Tgt Ion:184 Resp: 11864

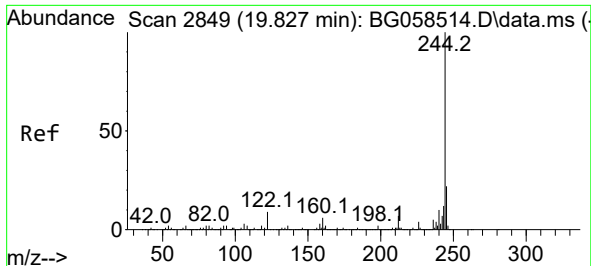
Ion Ratio Lower Upper

184 100

185 15.4 11.9 17.9

183 8.1 8.7 13.1#

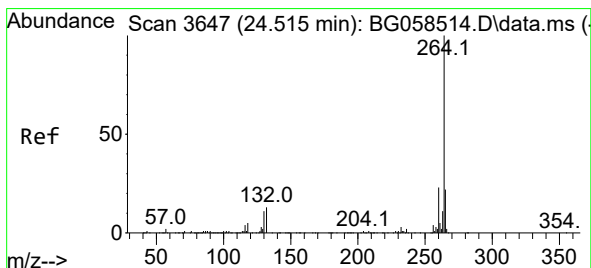
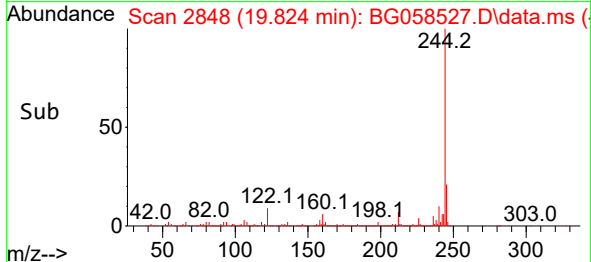
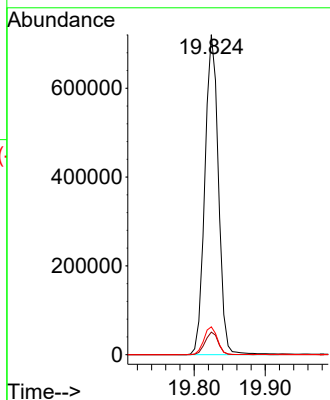
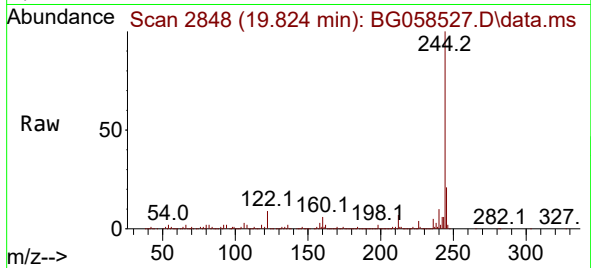




#79
 Terphenyl-d14
 Concen: 55.293 ng
 RT: 19.824 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG058527.D
 Acq: 28 Jul 2023 21:04

Instrument :
 BNA_G
 ClientSampleId :
 B-P11A

Tgt Ion:244 Resp: 957692
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.7 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.513 min Scan# 3646
 Delta R.T. -0.002 min
 Lab File: BG058527.D
 Acq: 28 Jul 2023 21:04

Tgt Ion:264 Resp: 401682
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.6 17.9 26.9

