

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058575.D
 Acq On : 2 Aug 2023 12:41
 Operator : MA/JU
 Sample : 03686-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721

Quant Time: Aug 02 13:24:25 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)

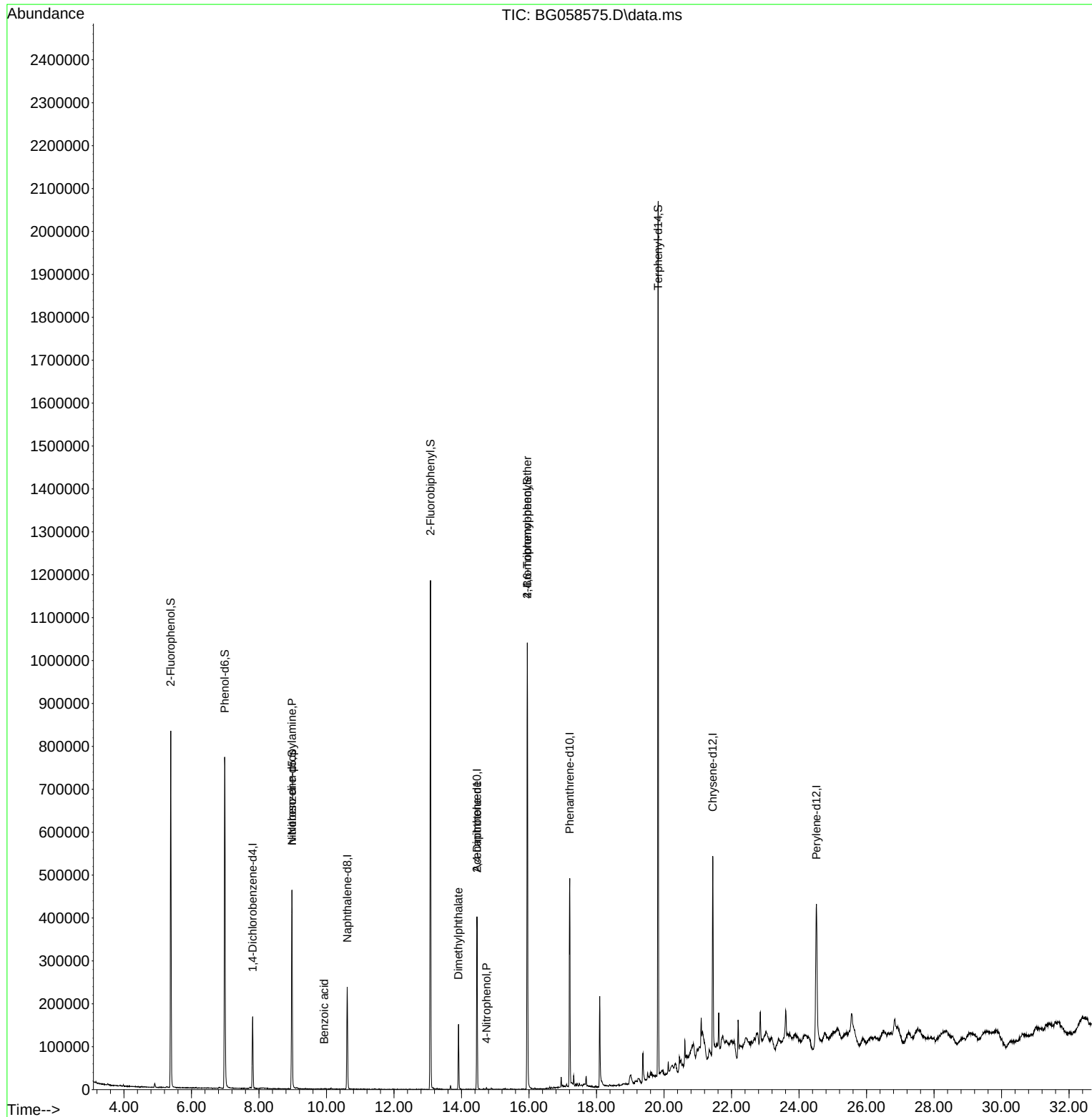
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	46556	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	202313	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	143916	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	324283	20.000	ng	0.00
76) Chrysene-d12	21.442	240	274290	20.000	ng	0.00
86) Perylene-d12	24.515	264	340672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	345971	113.584	ng	0.00
7) Phenol-d6	6.983	99	474499	111.953	ng	0.00
23) Nitrobenzene-d5	8.975	82	285999	69.446	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	232734	98.663	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	667561	69.513	ng	0.00
79) Terphenyl-d14	19.827	244	1082052	74.185	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.975	70	36590	13.365	ng	# 78
32) Benzoic acid	9.932	122	58	4.585	ng	# 1
50) Dimethylphthalate	13.910	163	102597	9.492	ng	100
56) 4-Nitrophenol	14.739	139	67	3.361	ng	# 3
57) 2,4-Dinitrotoluene	14.457	165	18707	5.690	ng	# 24
67) 4-Bromophenyl-phenylether	15.949	248	14321	3.894	ng	# 1

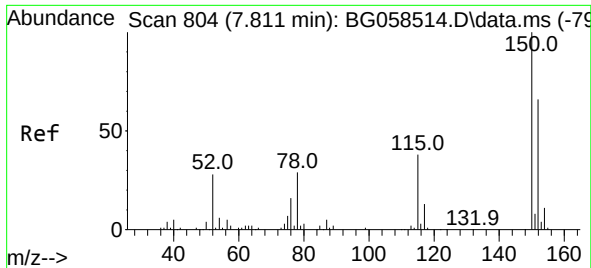
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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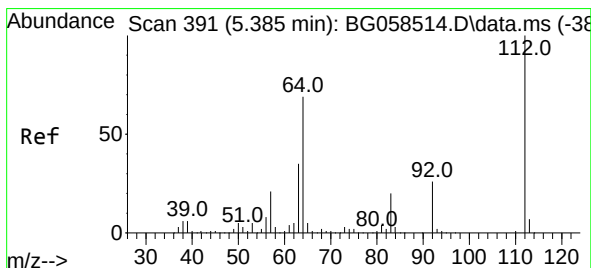
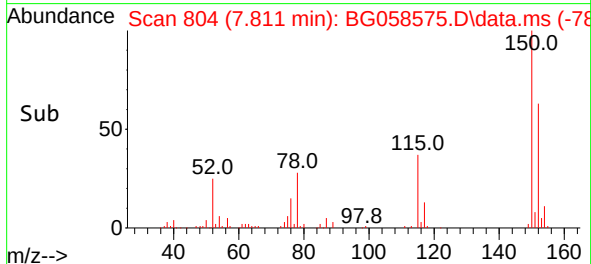
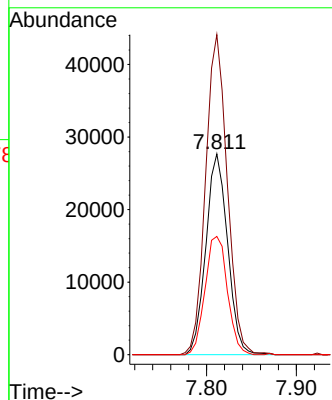
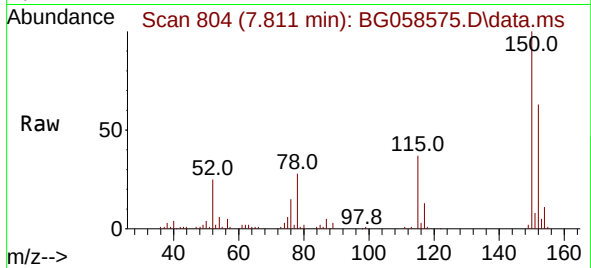




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

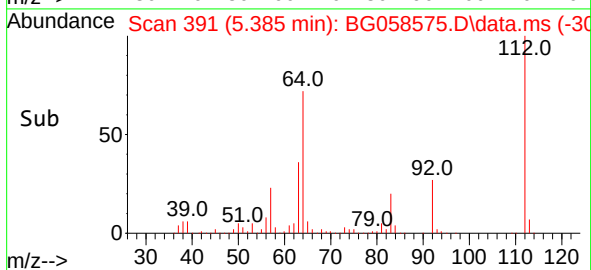
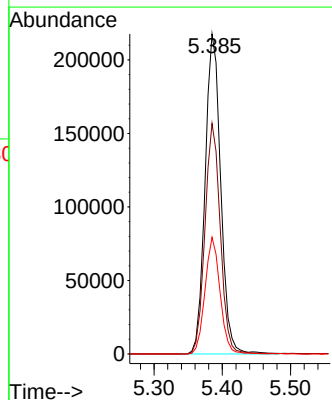
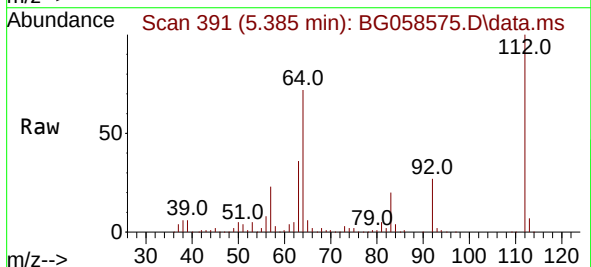
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721

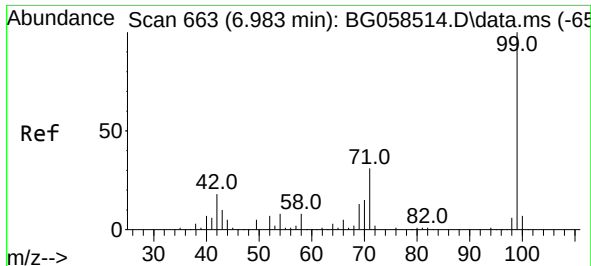
Tgt Ion:152 Resp: 46556
Ion Ratio Lower Upper
152 100
150 159.4 120.5 180.7
115 58.9 45.9 68.9



#5
2-Fluorophenol
Concen: 113.584 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

Tgt Ion:112 Resp: 345971
Ion Ratio Lower Upper
112 100
64 72.0 55.3 82.9
63 36.5 28.3 42.5

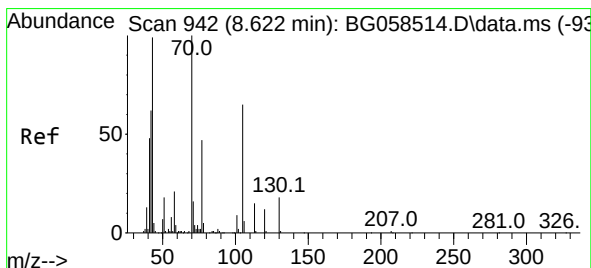
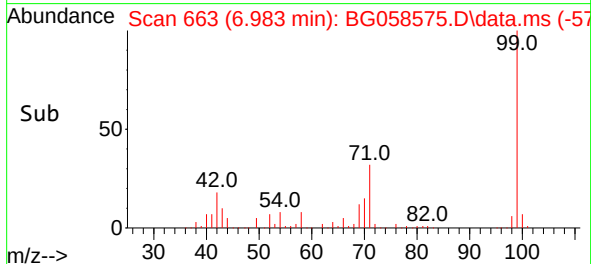
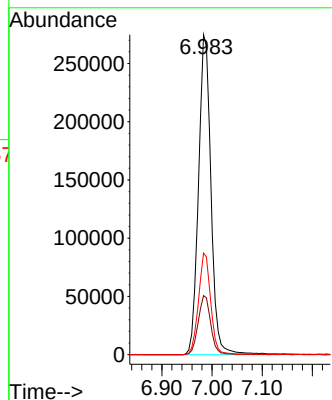
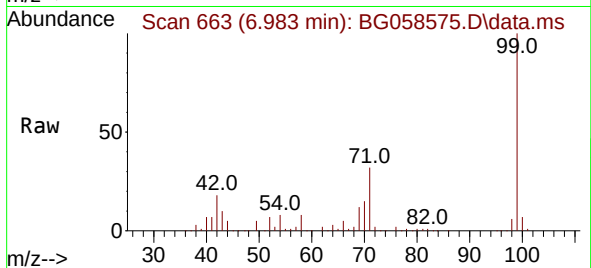




#7
Phenol-d6
Concen: 111.953 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

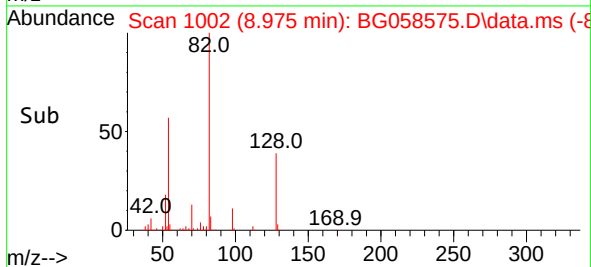
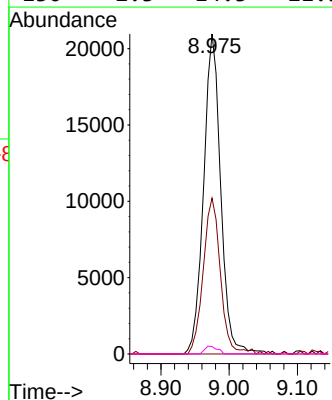
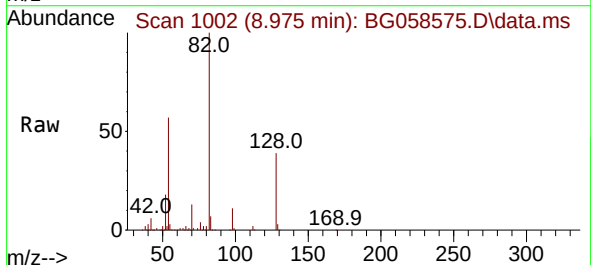
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721

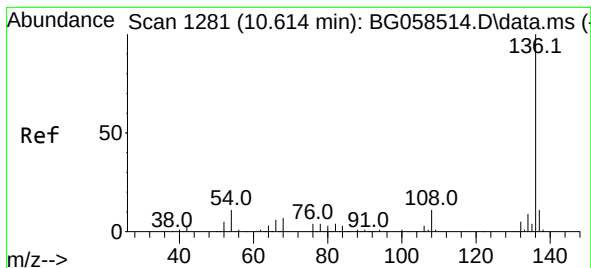
Tgt Ion: 99 Resp: 474499
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 31.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.365 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.353 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

Tgt Ion: 70 Resp: 36590
Ion Ratio Lower Upper
70 100
42 48.7 49.7 74.5#
101 0.0 7.0 10.4#
130 2.3 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BG058575.D

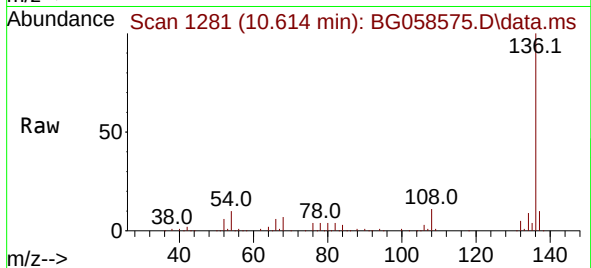
Acq: 2 Aug 2023 12:41

Instrument :

BNA_G

ClientSampleId :

SB-22-4-6-20230721



Tgt Ion:136 Resp: 202313

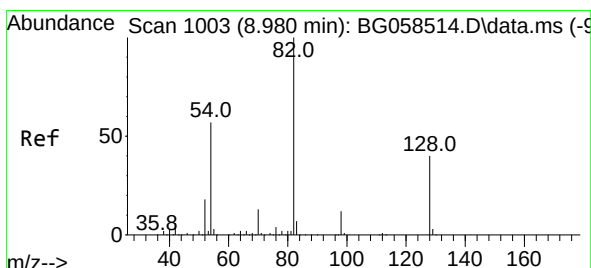
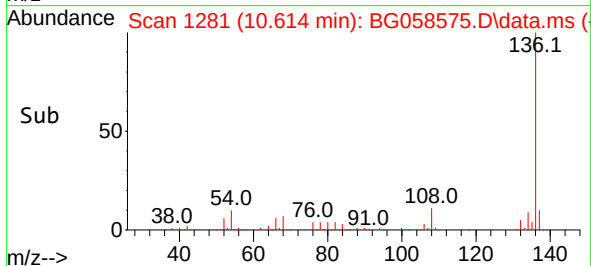
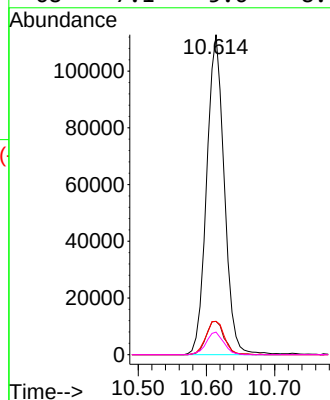
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 10.4 8.9 13.3

68 7.1 5.6 8.4



#23

Nitrobenzene-d5

Concen: 69.446 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058575.D

Acq: 2 Aug 2023 12:41

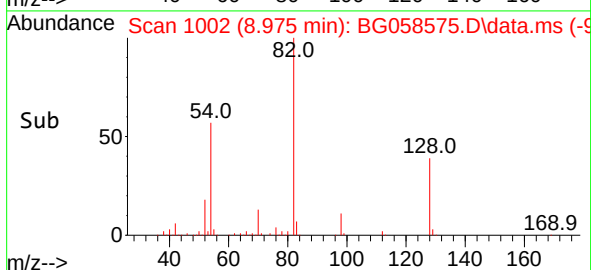
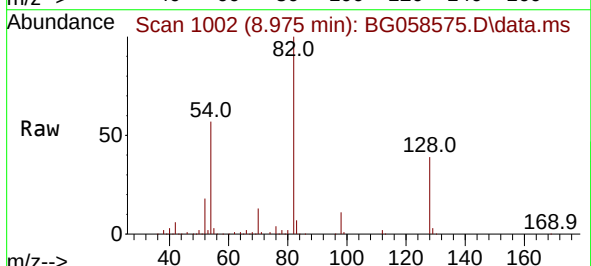
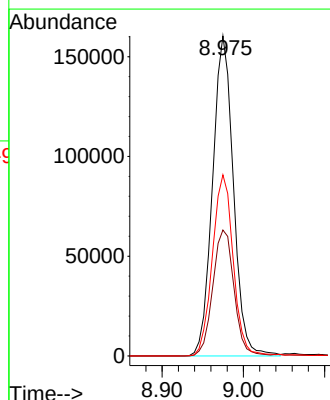
Tgt Ion: 82 Resp: 285999

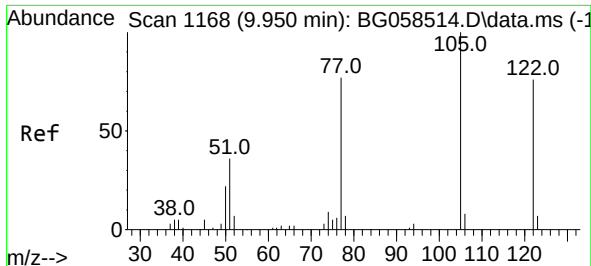
Ion Ratio Lower Upper

82 100

128 39.4 32.2 48.2

54 56.6 46.0 69.0

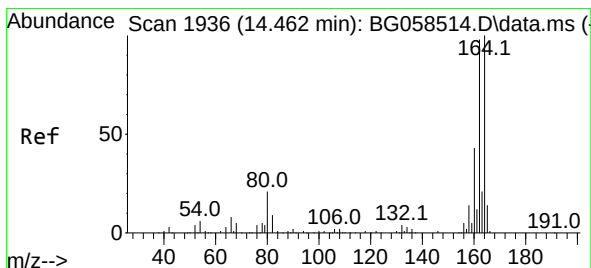
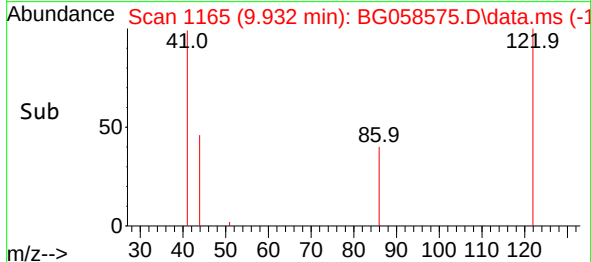
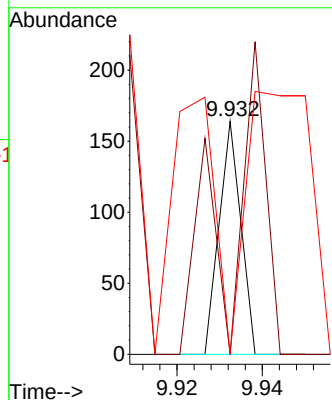
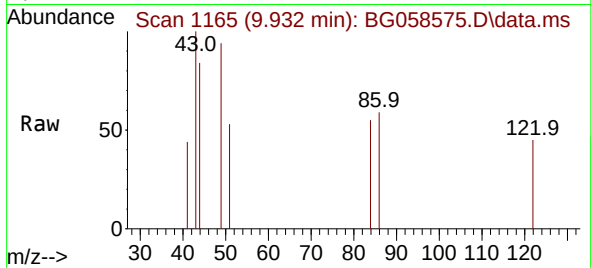




#32
Benzoic acid
Concen: 4.585 ng
RT: 9.932 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

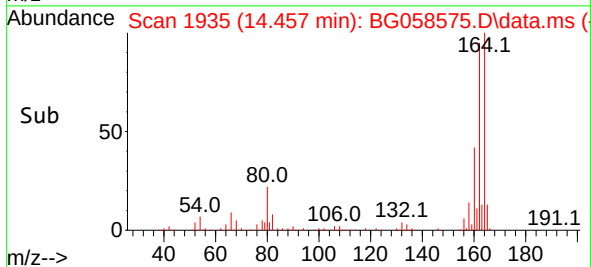
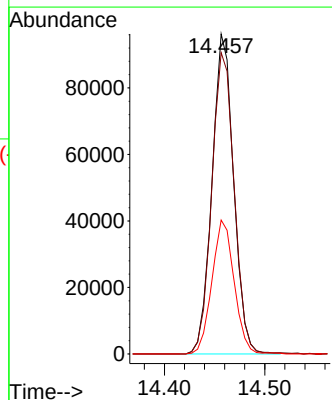
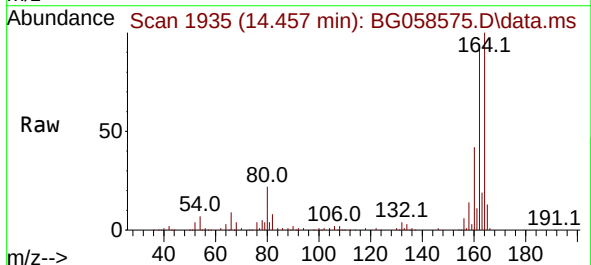
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721

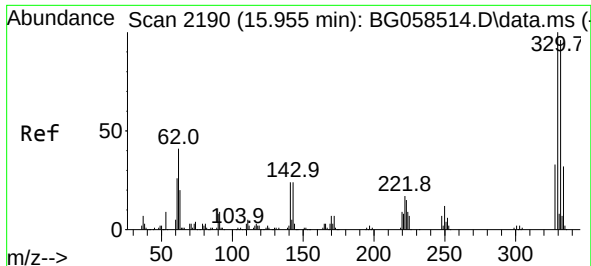
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 106.5 146.5#
77 0.0 78.1 118.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

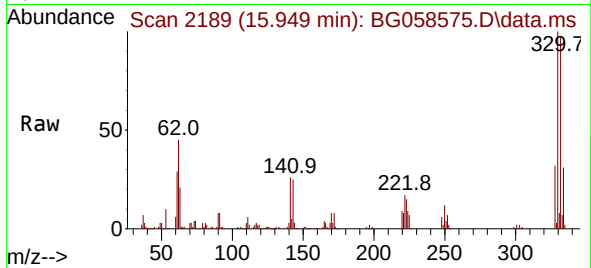
Tgt Ion:164 Resp: 143916
Ion Ratio Lower Upper
164 100
162 94.1 78.3 117.5
160 41.9 34.1 51.1



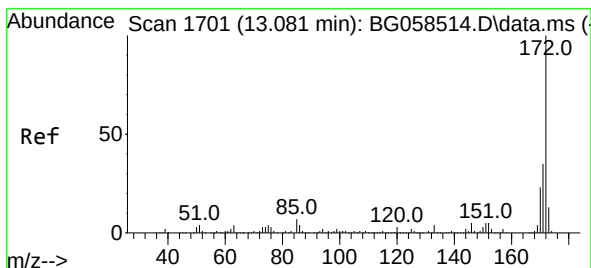
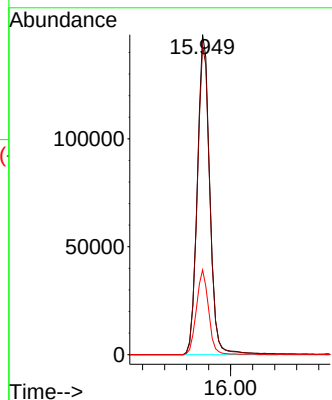
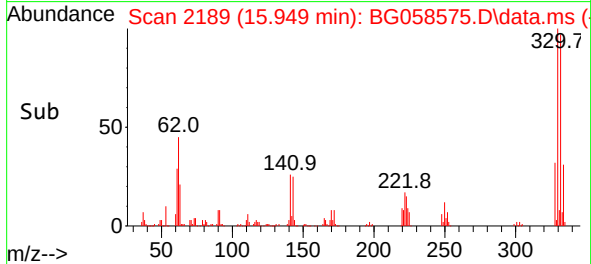


#42
2,4,6-Tribromophenol
Concen: 98.663 ng
RT: 15.949 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

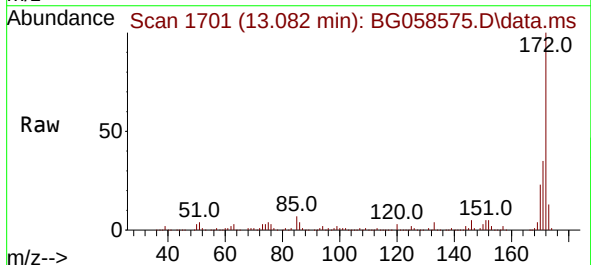
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BNA_G
ClientSampleId :
SB-22-4-6-20230721



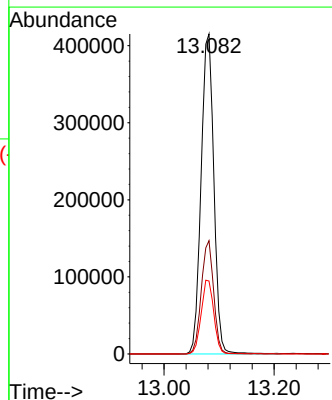
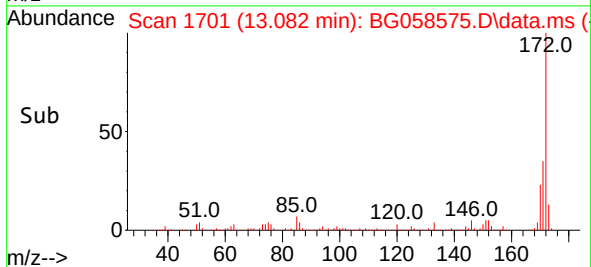
Tgt Ion:330 Resp: 232734
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 25.8 20.7 31.1

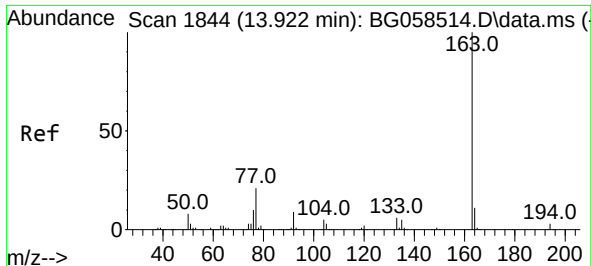


#45
2-Fluorobiphenyl
Concen: 69.513 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41



Tgt Ion:172 Resp: 667561
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.8 18.4 27.6

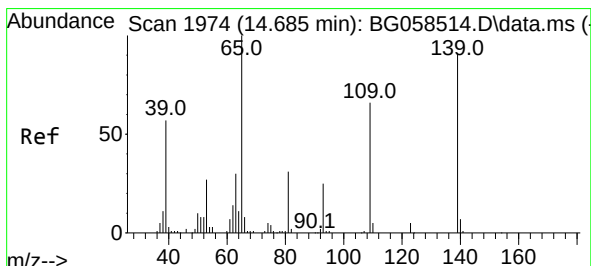
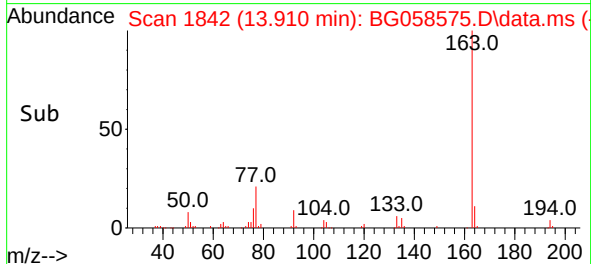
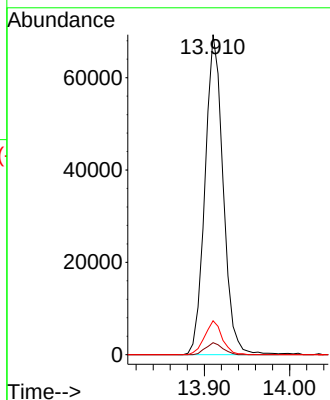
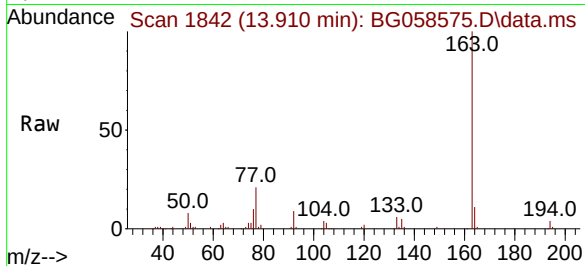




#50
Dimethylphthalate
Concen: 9.492 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

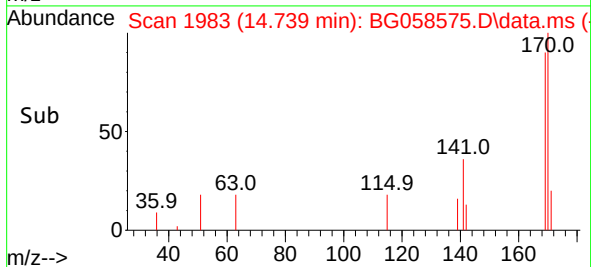
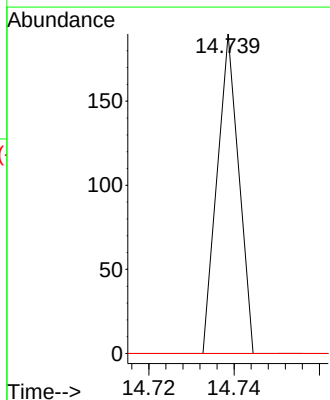
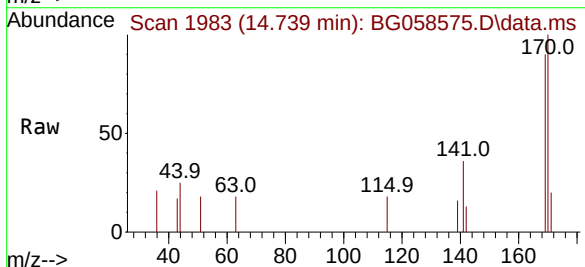
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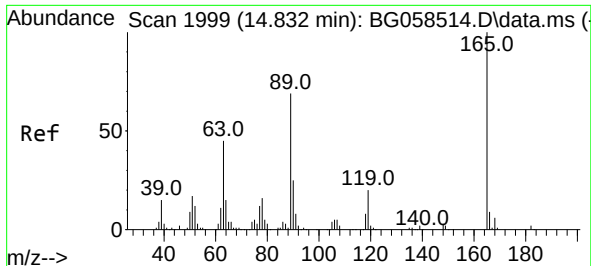
Tgt Ion:163 Resp: 102597
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.6 8.6 12.8



#56
4-Nitrophenol
Concen: 3.361 ng
RT: 14.739 min Scan# 1983
Delta R.T. 0.054 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 0.0 52.5 92.5#
65 0.0 90.5 130.5#

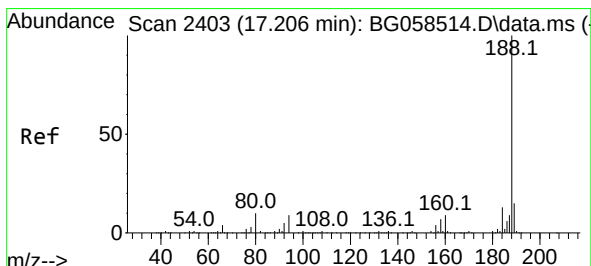
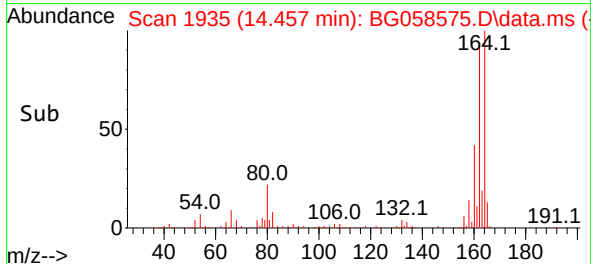
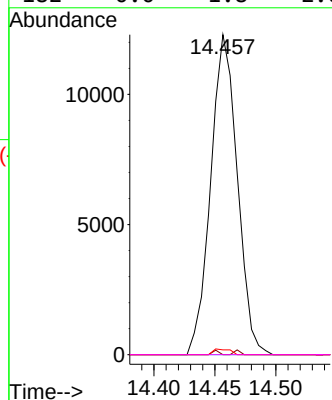
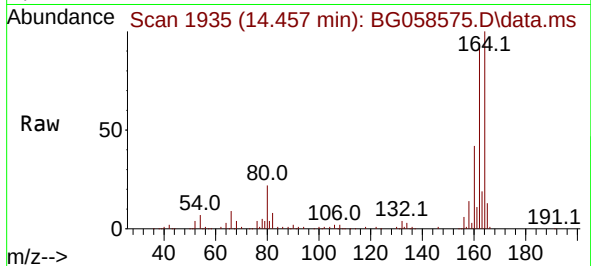




#57
2,4-Dinitrotoluene
Concen: 5.690 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.375 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

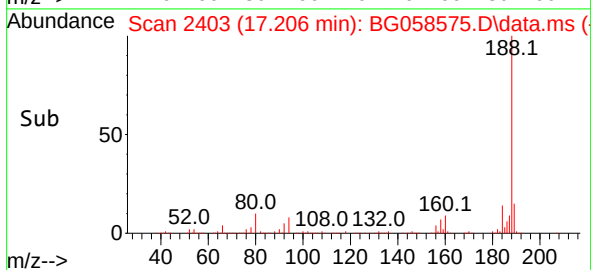
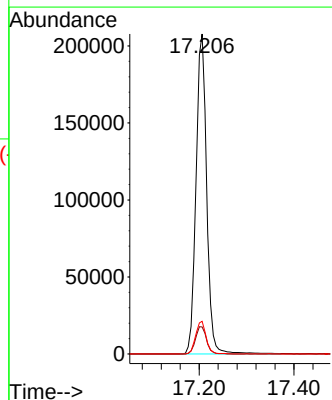
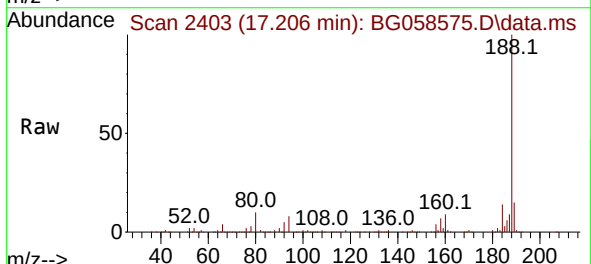
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721

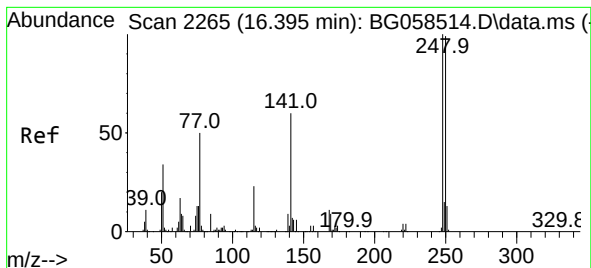
Tgt Ion:165 Resp: 18707
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 1.5 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

Tgt Ion:188 Resp: 324283
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 10.2 8.1 12.1

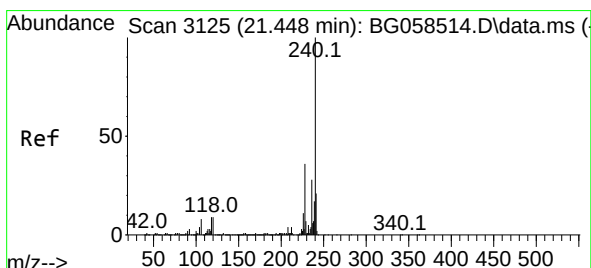
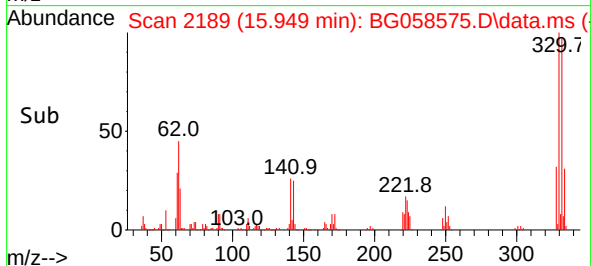
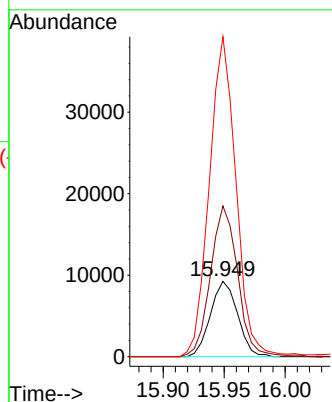
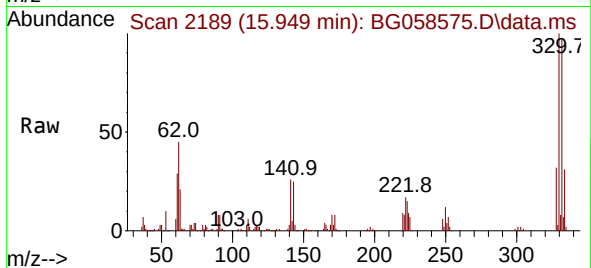




#67
4-Bromophenyl-phenylether
Concen: 3.894 ng
RT: 15.949 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

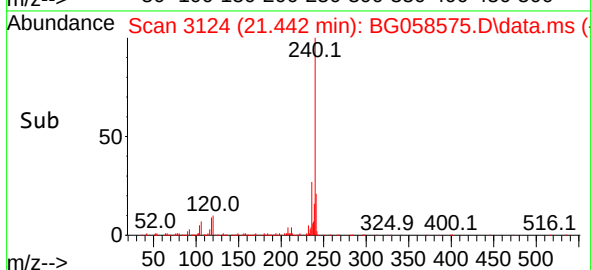
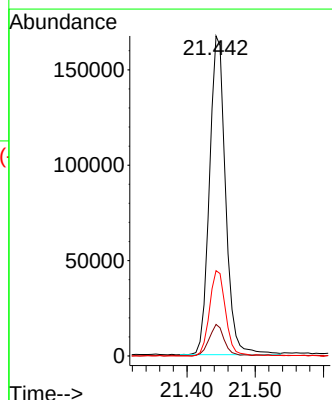
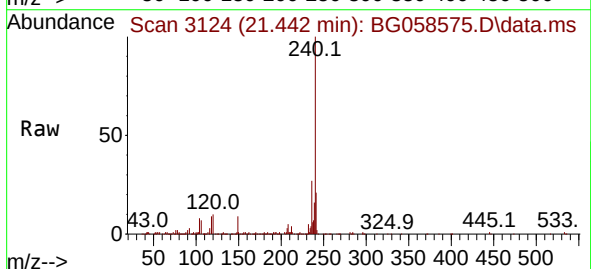
Instrument :
BNA_G
ClientSampleId :
SB-22-4-6-20230721

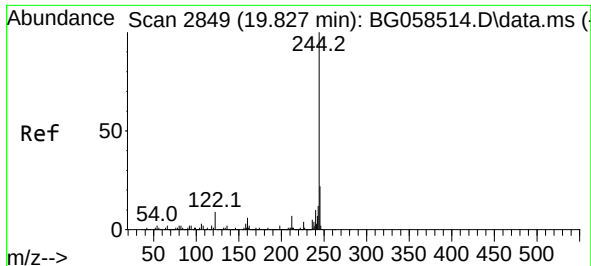
Tgt Ion:248 Resp: 14321
Ion Ratio Lower Upper
248 100
250 199.7 79.5 119.3#
141 424.1 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058575.D
Acq: 2 Aug 2023 12:41

Tgt Ion:240 Resp: 274290
Ion Ratio Lower Upper
240 100
120 9.9 7.4 11.0
236 26.6 22.2 33.4

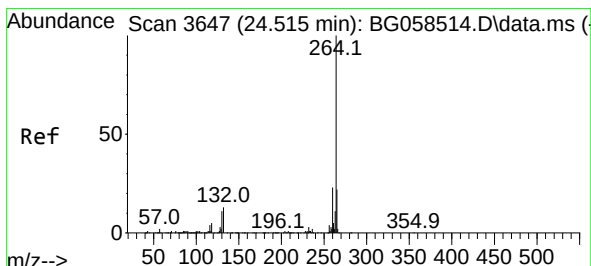
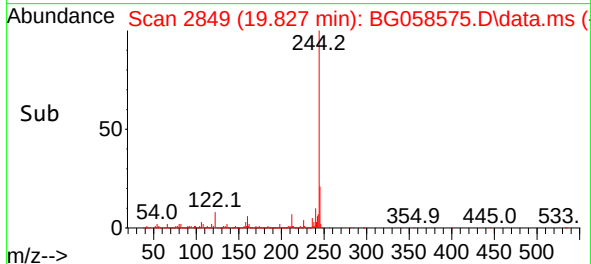
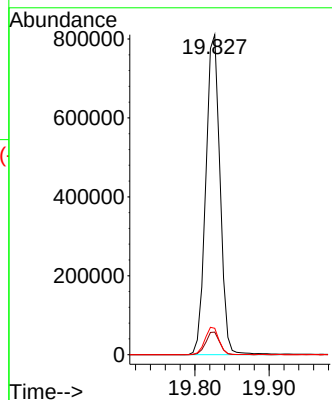
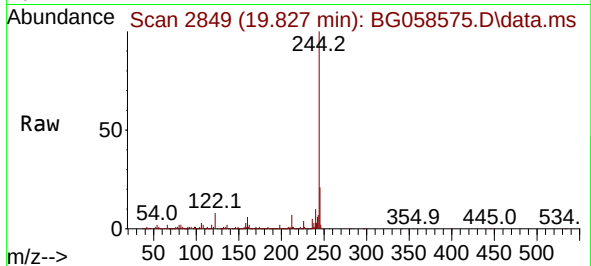




#79
 Terphenyl-d14
 Concen: 74.185 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058575.D
 Acq: 2 Aug 2023 12:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-4-6-20230721

Tgt Ion:244 Resp: 1082052
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.515 min Scan# 3647
 Delta R.T. 0.000 min
 Lab File: BG058575.D
 Acq: 2 Aug 2023 12:41

Tgt Ion:264 Resp: 340672
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 22.2 17.9 26.9

