

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058850.D
 Acq On : 25 Aug 2023 14:54
 Operator : MA/JU
 Sample : PB155022BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB155022BL

Quant Time: Aug 26 09:16:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

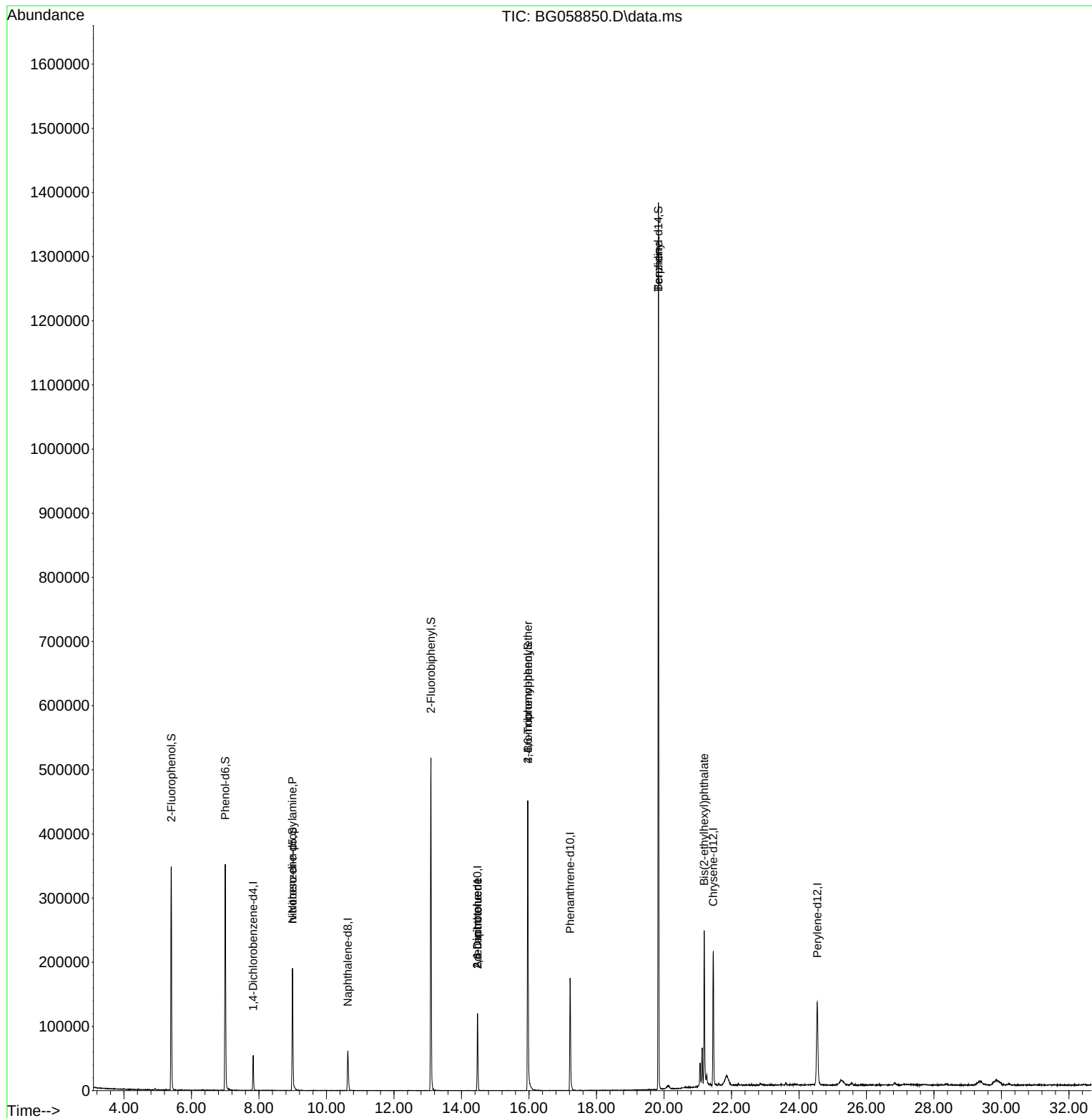
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	16006	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	65280	20.000	ng	# 0.00
39) Acenaphthene-d10	14.476	164	49341	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	137398	20.000	ng	0.00
76) Chrysene-d12	21.462	240	133598	20.000	ng	0.00
86) Perylene-d12	24.540	264	159280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	145304	146.090	ng	0.00
7) Phenol-d6	7.002	99	191132	136.966	ng	0.00
23) Nitrobenzene-d5	8.994	82	118237	87.080	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	114083	147.459	ng	0.00
45) 2-Fluorobiphenyl	13.095	172	301634	88.915	ng	0.00
79) Terphenyl-d14	19.834	244	719474	96.699	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.994	70	15061	16.697	ng	# 77
51) 2,6-Dinitrotoluene	14.476	165	6131	7.639	ng	# 22
57) 2,4-Dinitrotoluene	14.476	165	6131	5.477	ng	# 19
67) 4-Bromophenyl-phenylether	15.968	248	6552	4.346	ng	# 1
77) Benzidine	19.834	184	10391	4.340	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.191	149	111800	20.191	ng	# 53

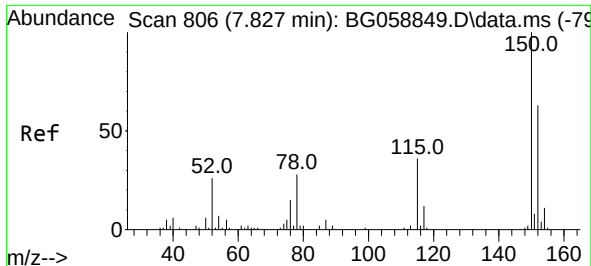
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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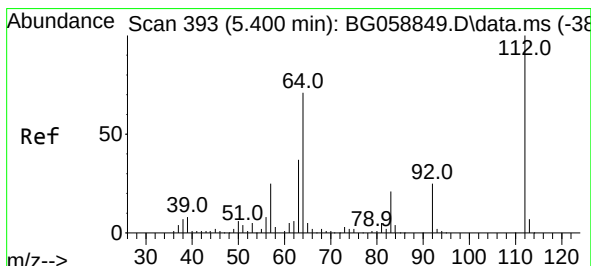
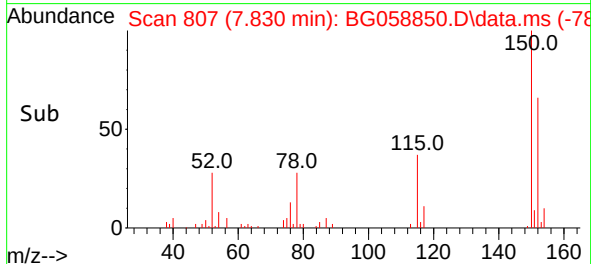
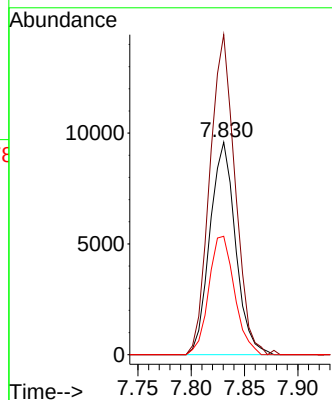
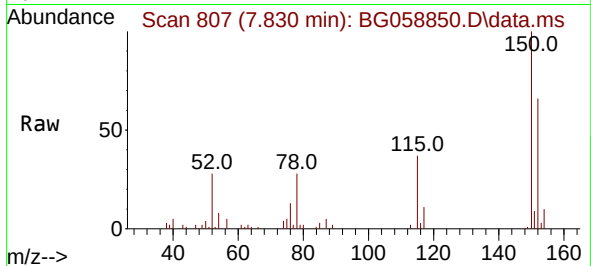




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.830 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

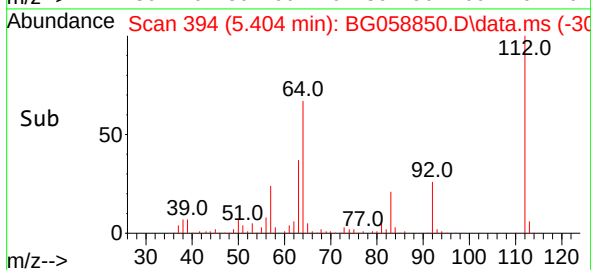
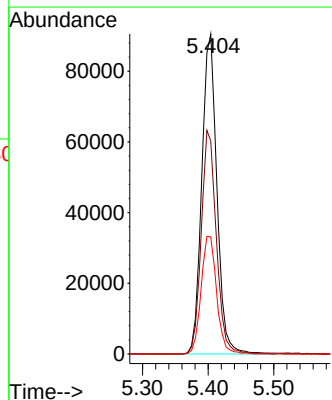
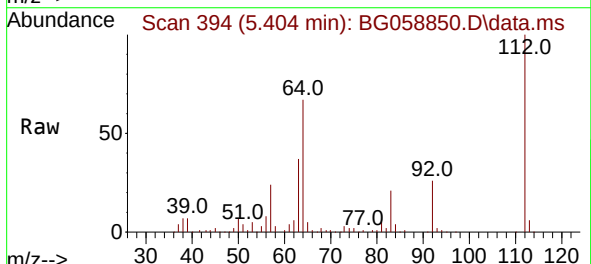
Instrument :
BNA_G
ClientSampleId :
PB155022BL

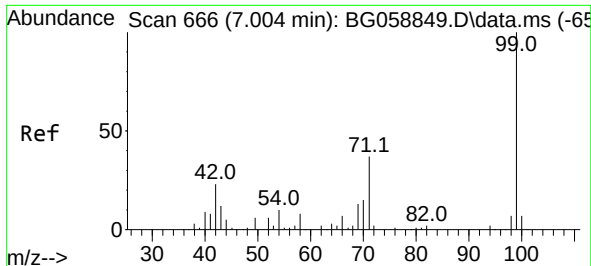
Tgt Ion:152 Resp: 16006
Ion Ratio Lower Upper
152 100
150 150.6 128.6 192.8
115 55.7 50.4 75.6



#5
2-Fluorophenol
Concen: 146.090 ng
RT: 5.404 min Scan# 394
Delta R.T. 0.004 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

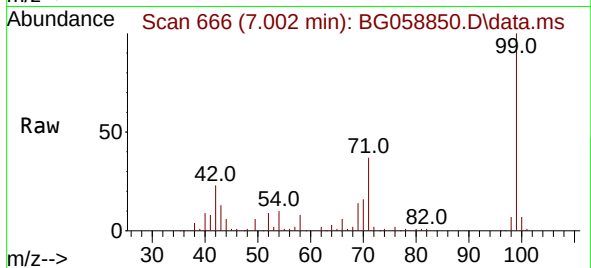
Tgt Ion:112 Resp: 145304
Ion Ratio Lower Upper
112 100
64 66.6 60.6 90.8
63 36.5 31.0 46.4



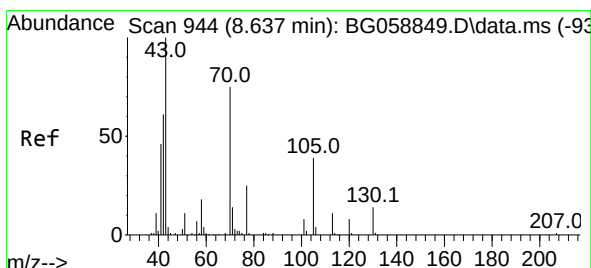
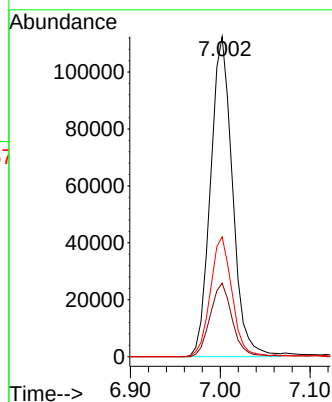
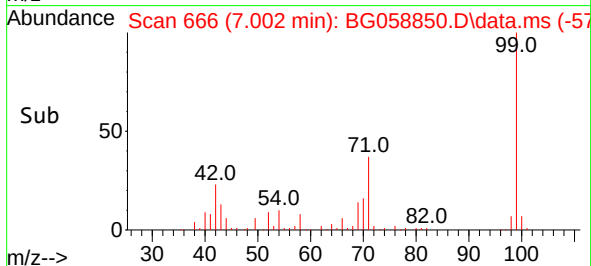


#7
Phenol-d6
Concen: 136.966 ng
RT: 7.002 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

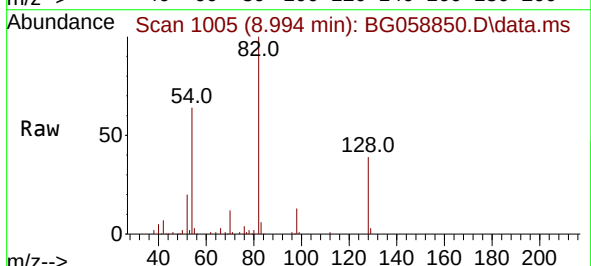
Instrument :
BNA_G
ClientSampleId :
PB155022BL



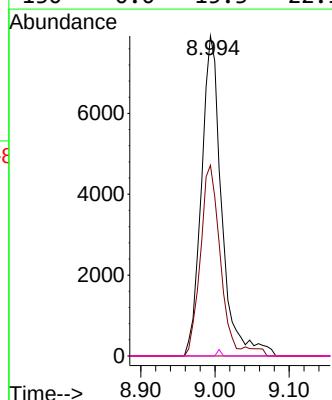
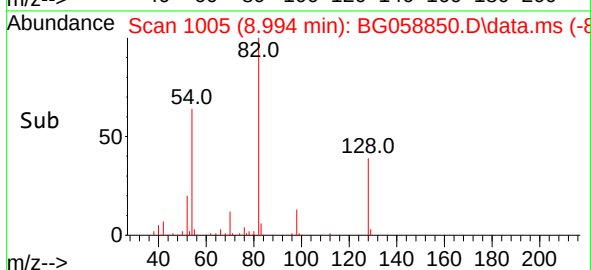
Tgt Ion:	99	Resp:	191132
Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.5	24.7
71	37.4	28.4	42.6

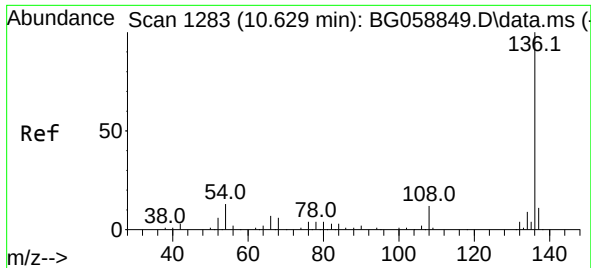


#19
n-Nitroso-di-n-propylamine
Concen: 16.697 ng
RT: 8.994 min Scan# 1005
Delta R.T. 0.356 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54



Tgt Ion:	70	Resp:	15061
Ion	Ratio	Lower	Upper
70	100		
42	59.6	59.2	88.8
101	0.0	8.2	12.2#
130	0.0	15.3	22.9#

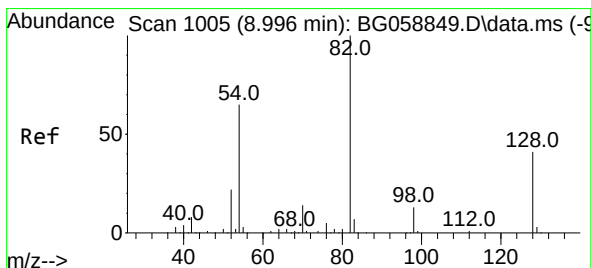
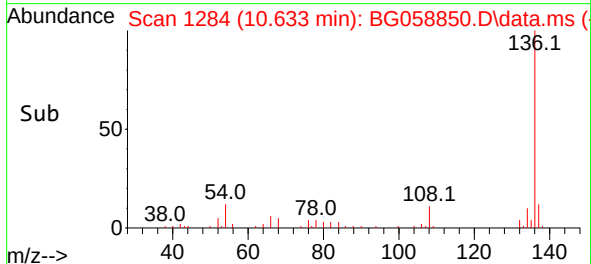
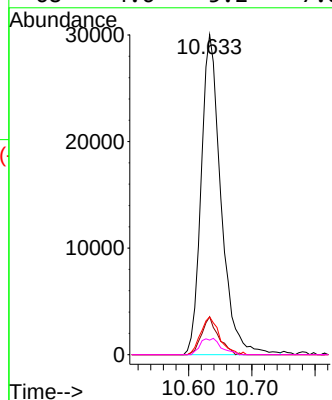
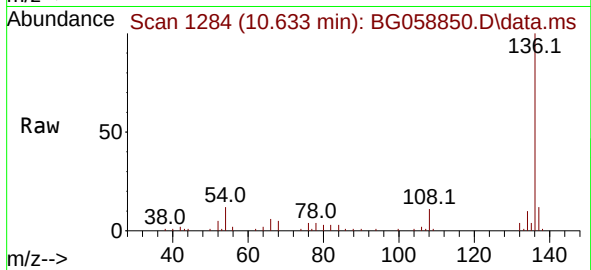




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1283
Delta R.T. 0.004 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

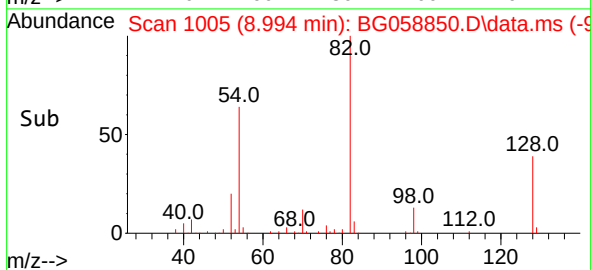
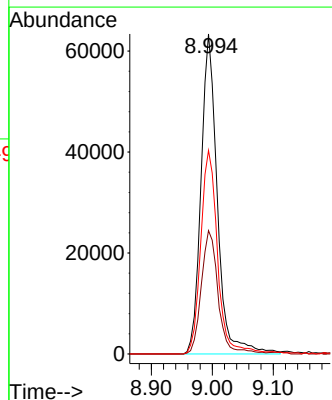
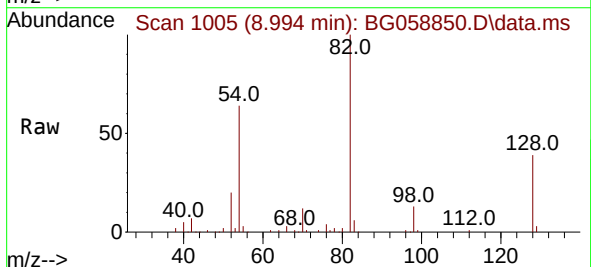
Instrument :
BNA_G
ClientSampleId :
PB155022BL

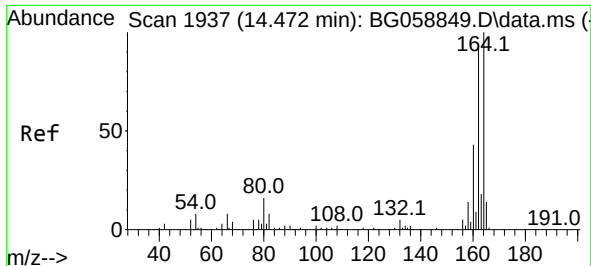
Tgt Ion:136 Resp: 65280
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 11.8 10.1 15.1
68 4.6 5.2 7.8#



#23
Nitrobenzene-d5
Concen: 87.080 ng
RT: 8.994 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

Tgt Ion: 82 Resp: 118237
Ion Ratio Lower Upper
82 100
128 38.6 33.2 49.8
54 63.6 51.2 76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.476 min Scan# 1937

Delta R.T. 0.004 min

Lab File: BG058850.D

Acq: 25 Aug 2023 14:54

Instrument :

BNA_G

ClientSampleId :

PB155022BL

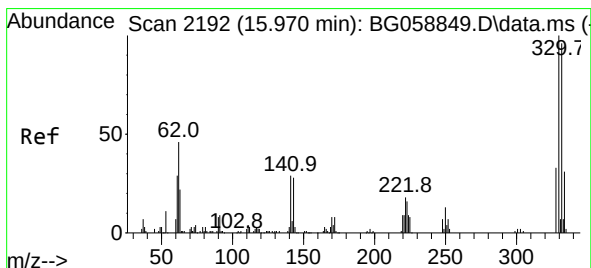
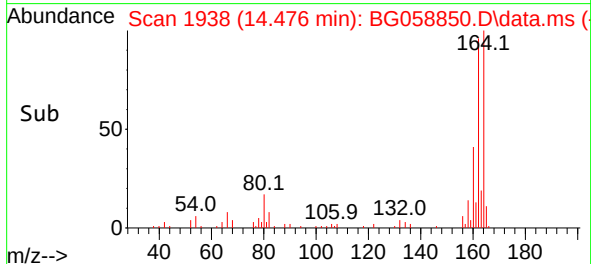
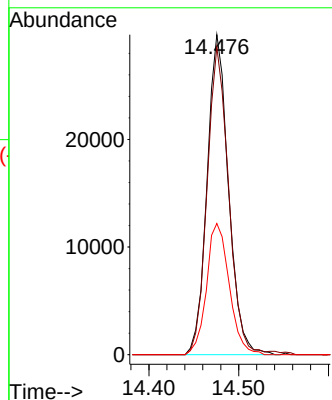
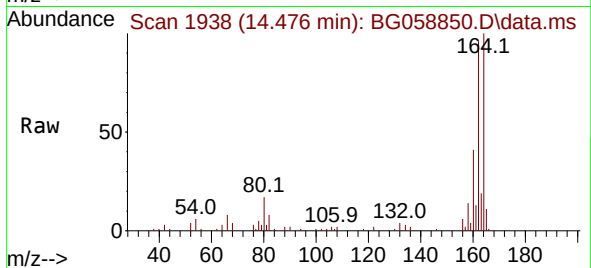
Tgt Ion:164 Resp: 49341

Ion Ratio Lower Upper

164 100

162 96.1 79.6 119.4

160 41.0 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 147.459 ng

RT: 15.968 min Scan# 2192

Delta R.T. -0.002 min

Lab File: BG058850.D

Acq: 25 Aug 2023 14:54

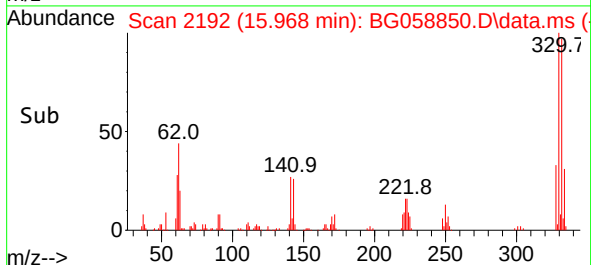
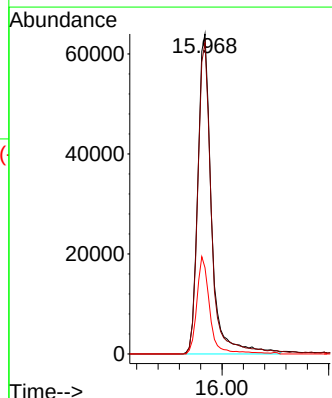
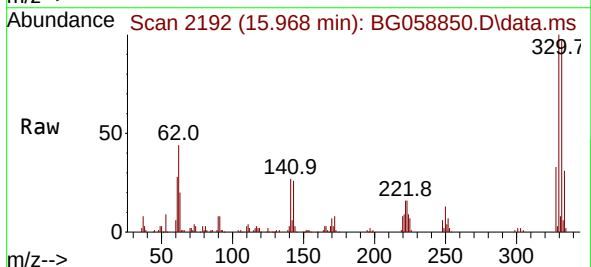
Tgt Ion:330 Resp: 114083

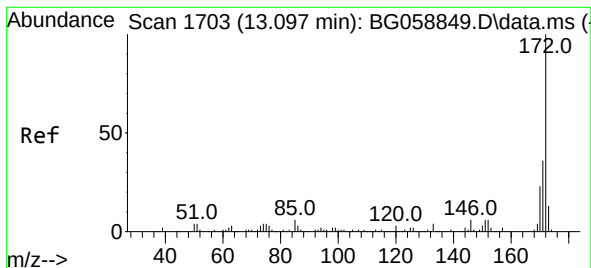
Ion Ratio Lower Upper

330 100

332 97.1 78.5 117.7

141 28.7 23.0 34.6

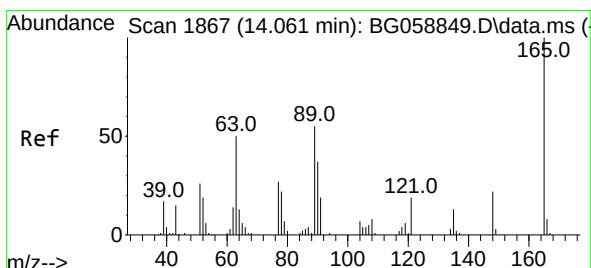
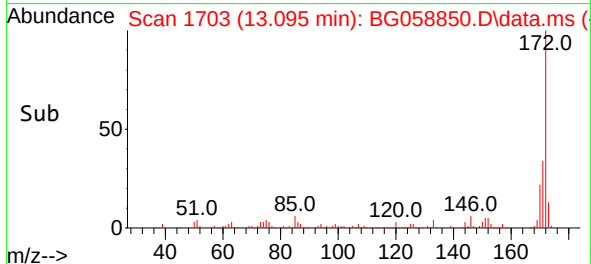
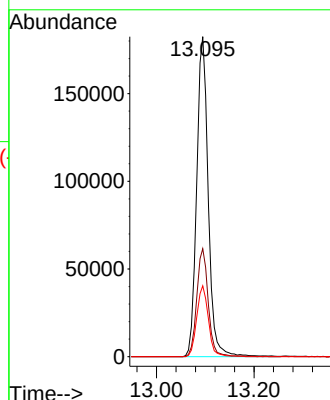
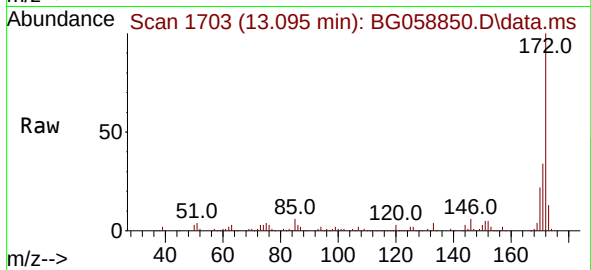




#45
2-Fluorobiphenyl
Concen: 88.915 ng
RT: 13.095 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

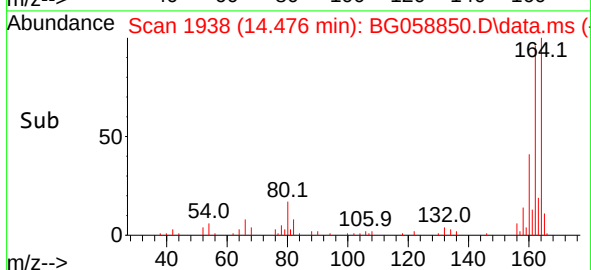
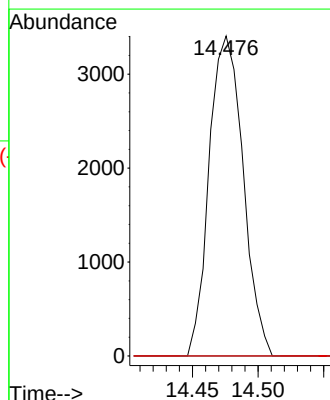
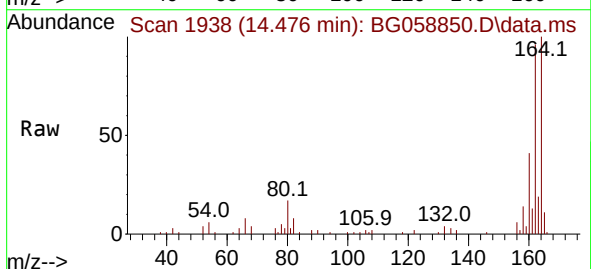
Instrument :
BNA_G
ClientSampleId :
PB155022BL

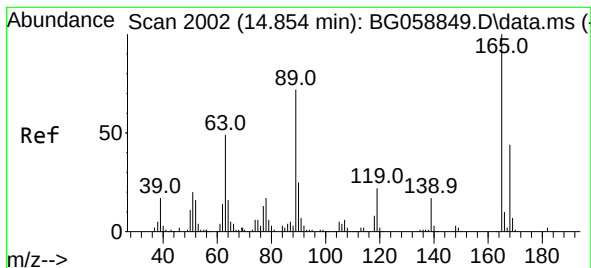
Tgt Ion:172 Resp: 301634
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 22.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.639 ng
RT: 14.476 min Scan# 1938
Delta R.T. 0.415 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

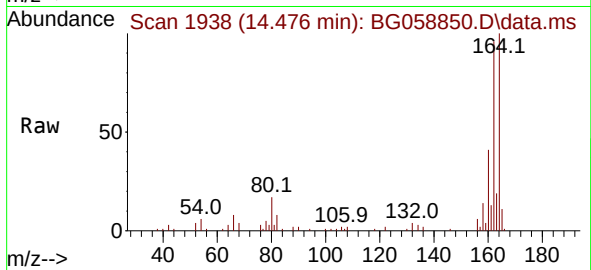
Tgt Ion:165 Resp: 6131
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#



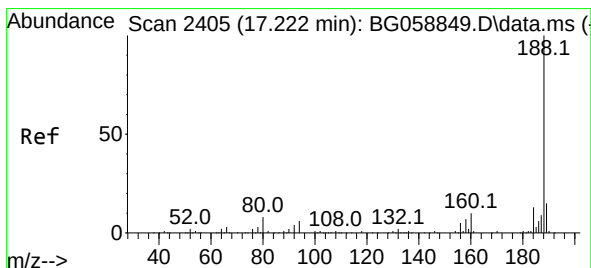
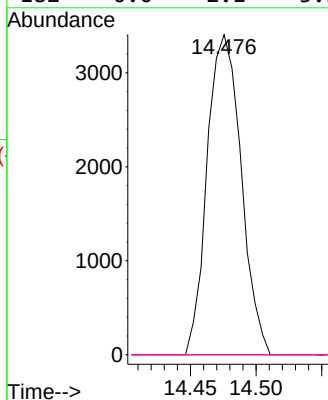
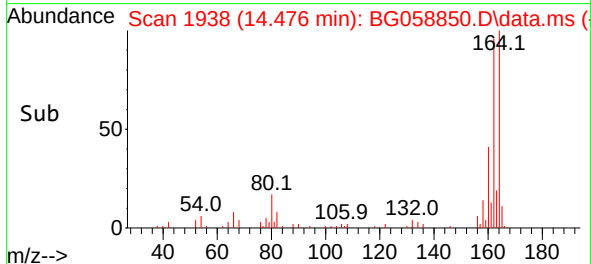


#57
2,4-Dinitrotoluene
Concen: 5.477 ng
RT: 14.476 min Scan# 1938
Delta R.T. -0.378 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

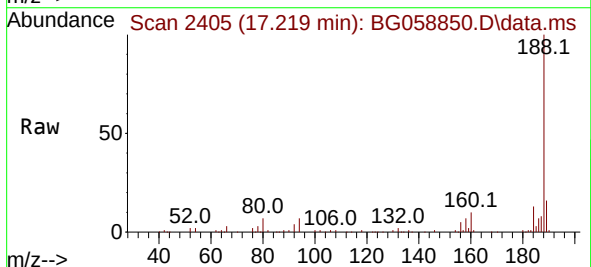
Instrument :
BNA_G
ClientSampleId :
PB155022BL



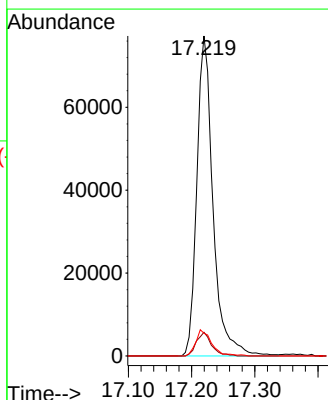
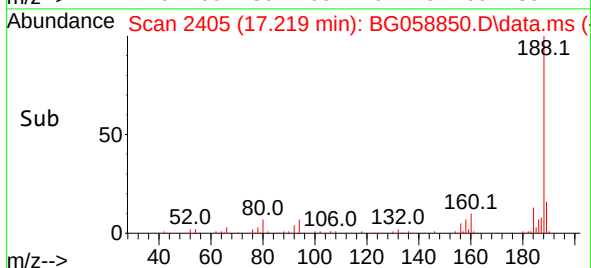
Tgt Ion:165 Resp: 6131
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.6#
89 0.0 60.7 91.1#
182 0.0 2.1 3.1#

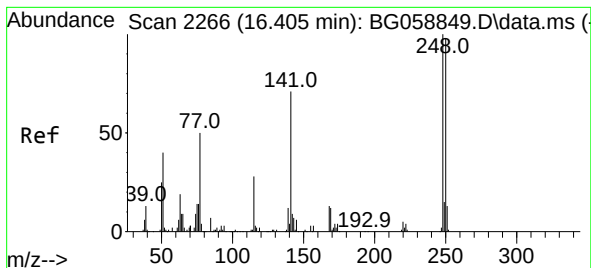


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54



Tgt Ion:188 Resp: 137398
Ion Ratio Lower Upper
188 100
94 7.4 6.1 9.1
80 7.1 6.9 10.3

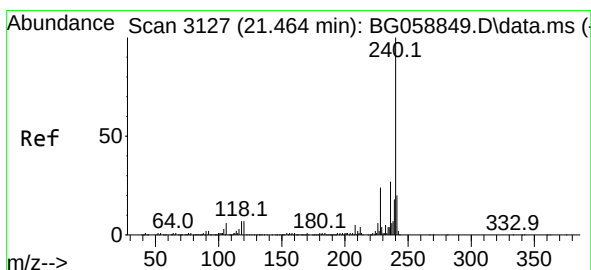
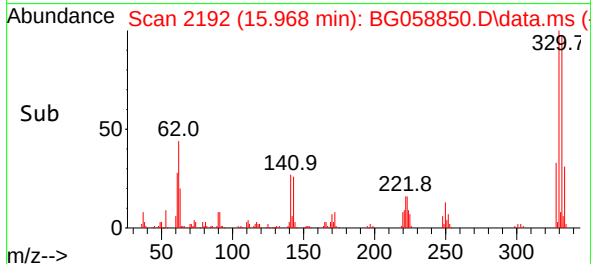
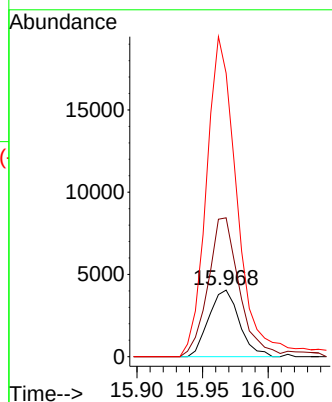
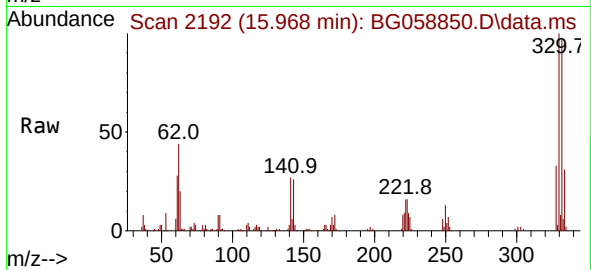




#67
4-Bromophenyl-phenylether
Concen: 4.346 ng
RT: 15.968 min Scan# 21192
Delta R.T. -0.437 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

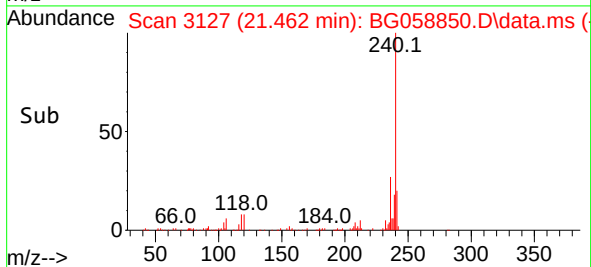
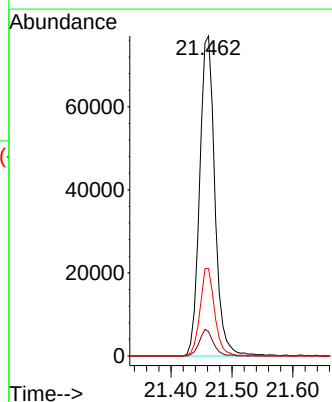
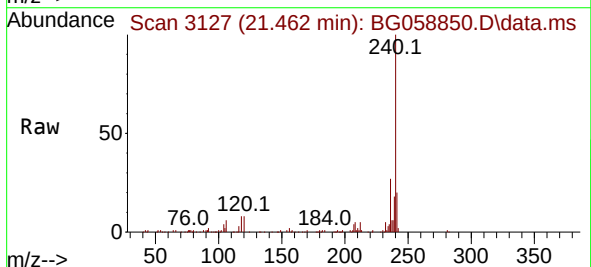
Instrument :
BNA_G
ClientSampleId :
PB155022BL

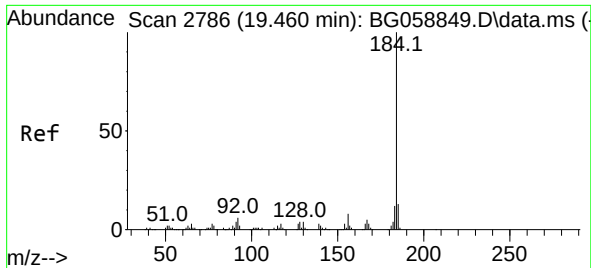
Tgt Ion:248 Resp: 6552
Ion Ratio Lower Upper
248 100
250 208.4 77.7 116.5#
141 425.6 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3127
Delta R.T. -0.002 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

Tgt Ion:240 Resp: 133598
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 27.3 20.5 30.7

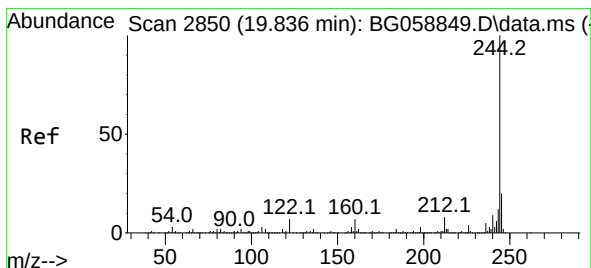
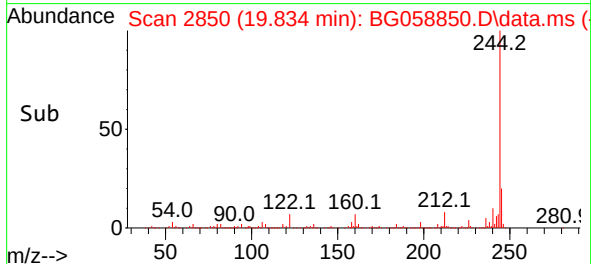
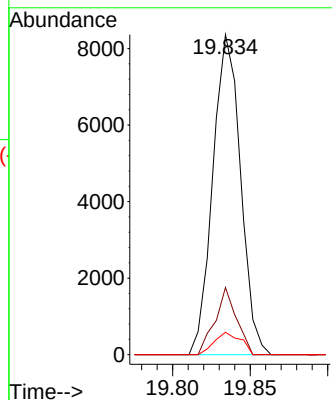
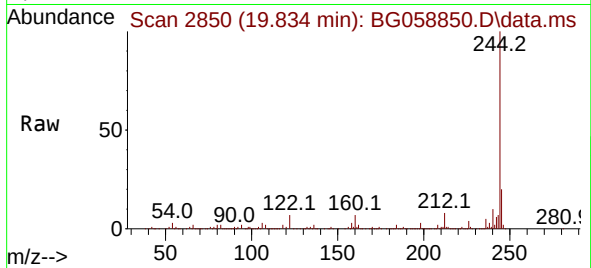




#77
Benzidine
Concen: 4.340 ng
RT: 19.834 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

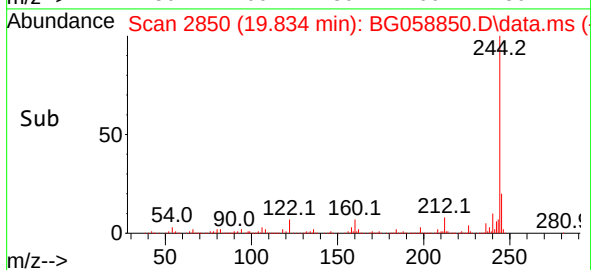
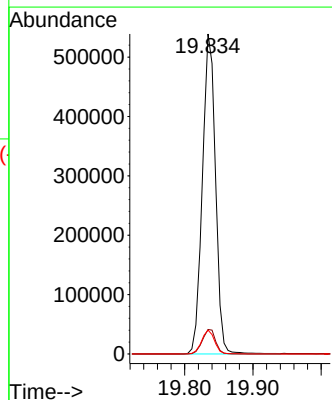
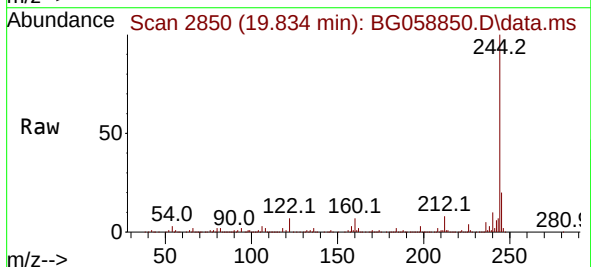
Instrument :
BNA_G
ClientSampleId :
PB155022BL

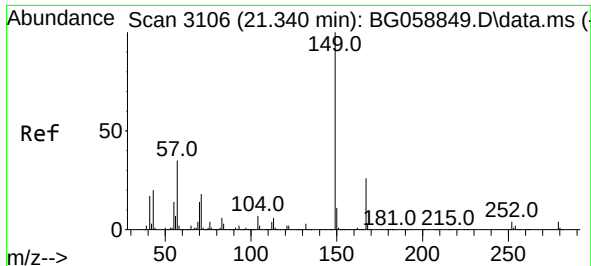
Tgt Ion:184 Resp: 10391
Ion Ratio Lower Upper
184 100
185 21.0 11.9 17.9#
183 7.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 96.699 ng
RT: 19.834 min Scan# 2850
Delta R.T. -0.002 min
Lab File: BG058850.D
Acq: 25 Aug 2023 14:54

Tgt Ion:244 Resp: 719474
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 7.5 6.3 9.5

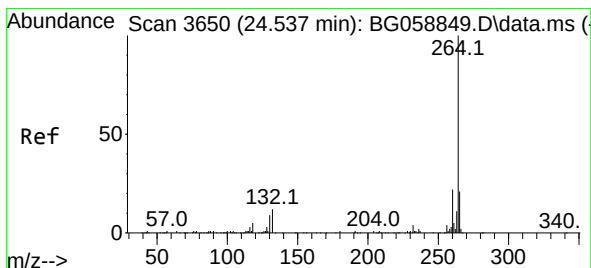
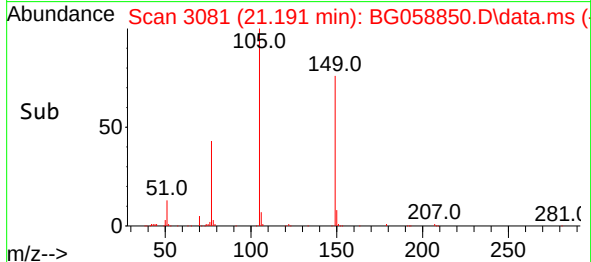
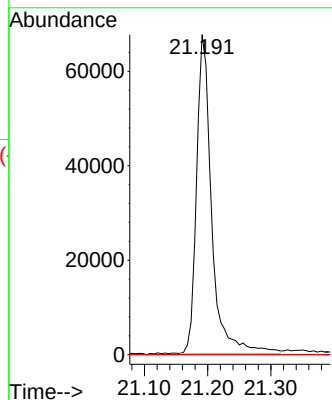
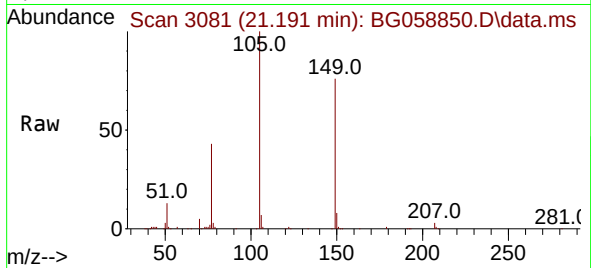




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.191 ng
 RT: 21.191 min Scan# 30
 Delta R.T. -0.149 min
 Lab File: BG058850.D
 Acq: 25 Aug 2023 14:54

Instrument :
 BNA_G
 ClientSampleId :
 PB155022BL

Tgt Ion:149 Resp: 111800
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.7 32.5#
 279 0.0 3.2 4.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.540 min Scan# 3651
 Delta R.T. 0.004 min
 Lab File: BG058850.D
 Acq: 25 Aug 2023 14:54

Tgt Ion:264 Resp: 159280
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 20.8 16.4 24.6

