

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051523\
 Data File : BG057433.D
 Acq On : 15 May 2023 12:38
 Operator : CG/JU
 Sample : PB152548BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152548BL

Quant Time: May 15 19:18:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

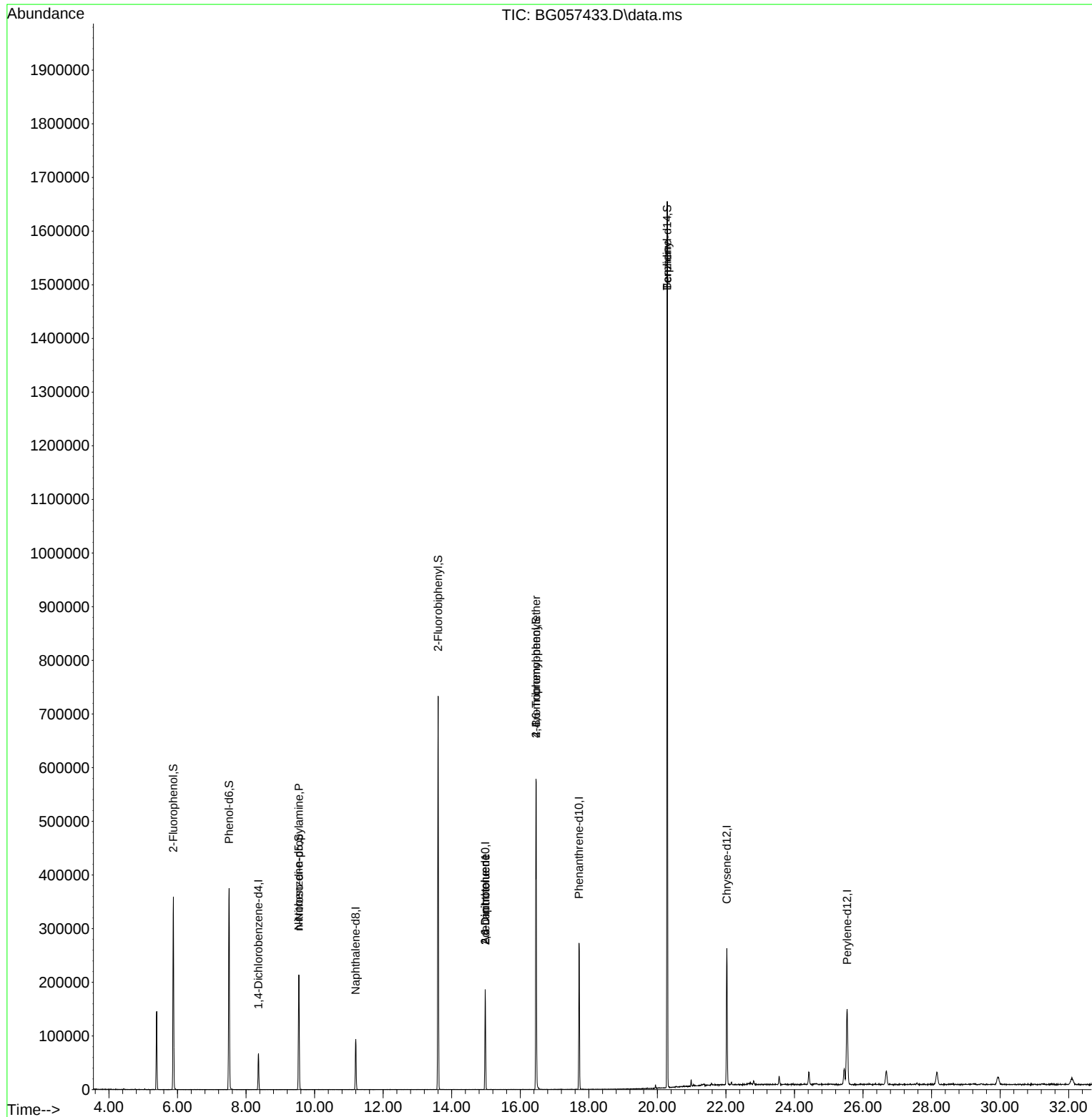
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	19234	20.000	ng	0.00
21) Naphthalene-d8	11.201	136	80508	20.000	ng	0.00
39) Acenaphthene-d10	14.978	164	68220	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	182073	20.000	ng	0.00
76) Chrysene-d12	22.027	240	173438	20.000	ng	0.00
86) Perylene-d12	25.534	264	173080	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	156230	138.946	ng	0.00
7) Phenol-d6	7.506	99	226386	132.588	ng	0.00
23) Nitrobenzene-d5	9.538	82	142506	74.292	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	125222	129.366	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	386547	76.312	ng	0.00
79) Terphenyl-d14	20.288	244	838855	78.930	ng	0.00
Target Compounds						
9) Benzaldehyde	7.506	77	303	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	9.544	70	20189	15.507	ng	# 77
51) 2,6-Dinitrotoluene	14.978	165	8944	7.814	ng	# 17
57) 2,4-Dinitrotoluene	14.978	165	8944	5.468	ng	# 20
67) 4-Bromophenyl-phenylether	16.464	248	8643	3.889	ng	# 1
77) Benzidine	20.288	184	12306	3.174	ng	# 82

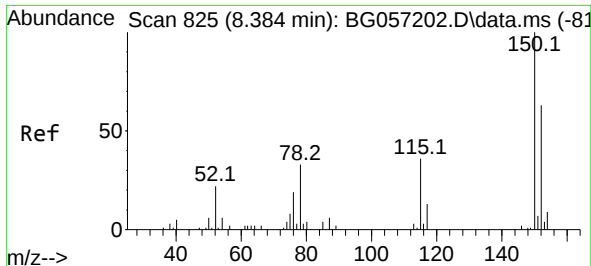
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051523\
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Misc :
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QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

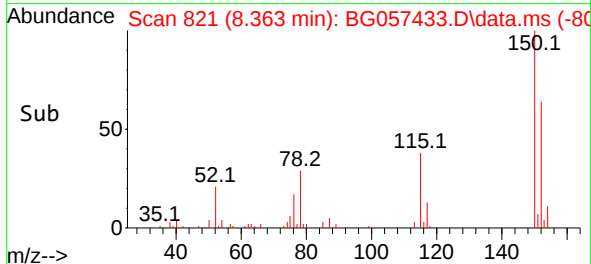
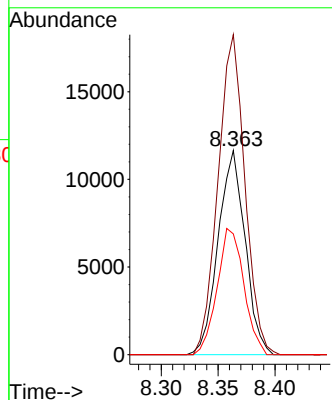
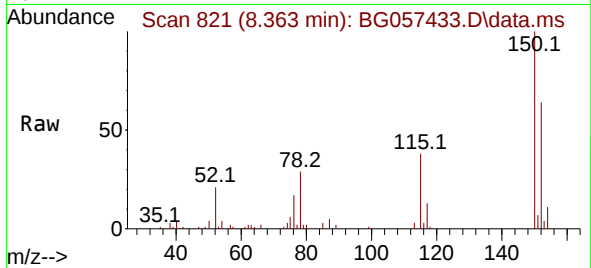




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

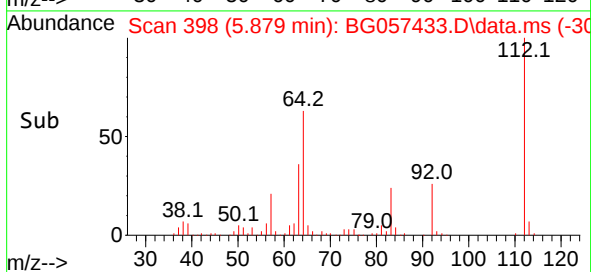
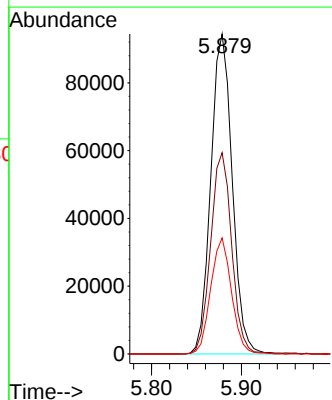
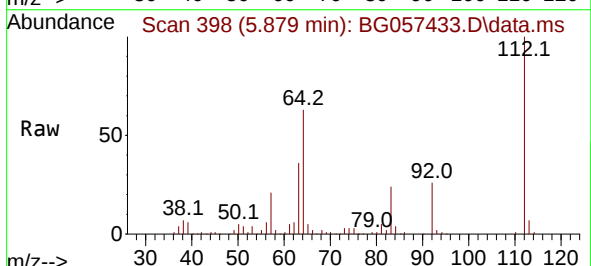
Instrument :
BNA_G
ClientSampleId :
PB152548BL

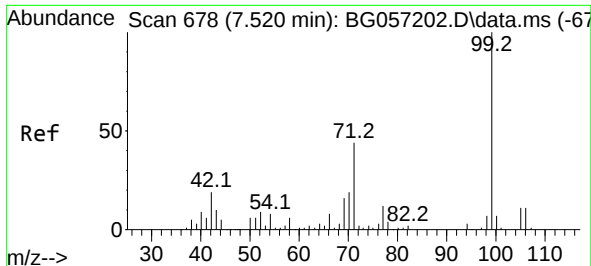
Tgt Ion:152 Resp: 19234
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.4
115 59.2 45.0 67.4



#5
2-Fluorophenol
Concen: 138.946 ng
RT: 5.879 min Scan# 398
Delta R.T. -0.000 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

Tgt Ion:112 Resp: 156230
Ion Ratio Lower Upper
112 100
64 62.9 49.4 74.2
63 36.2 31.6 47.4

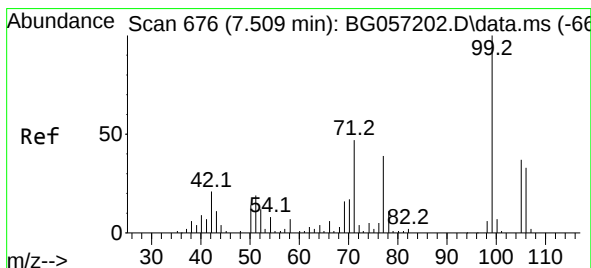
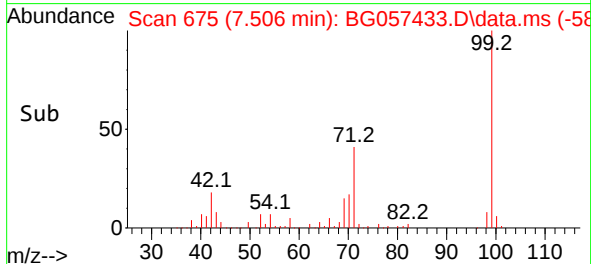
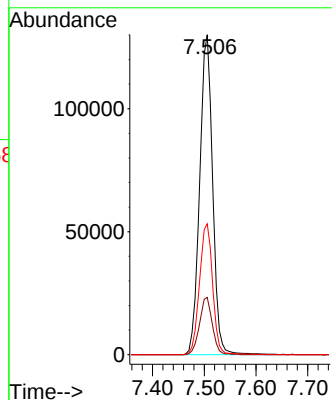
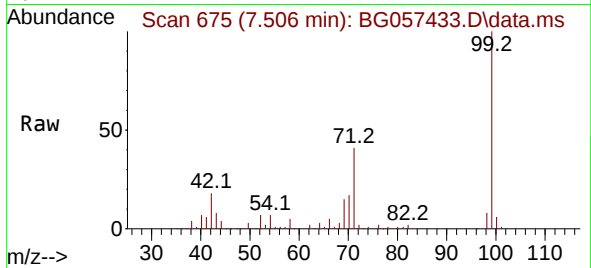




#7
Phenol-d6
Concen: 132.588 ng
RT: 7.506 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

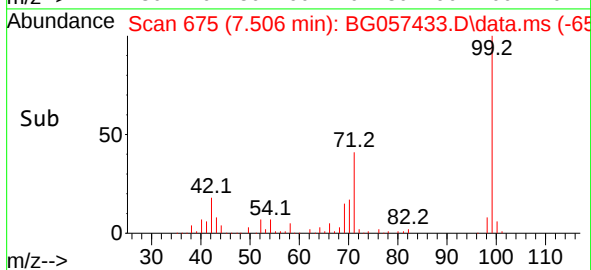
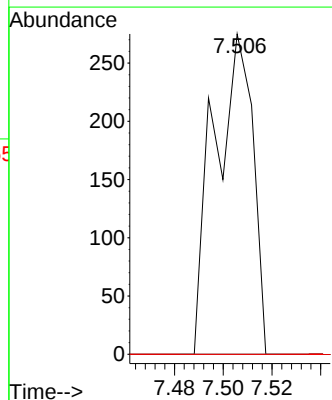
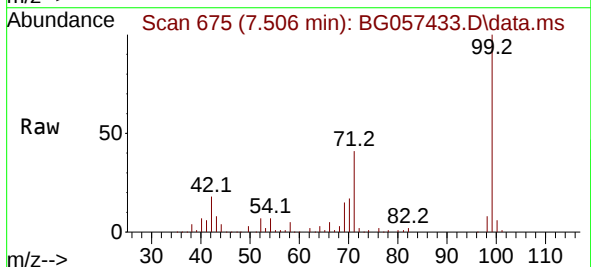
Instrument :
BNA_G
ClientSampleId :
PB152548BL

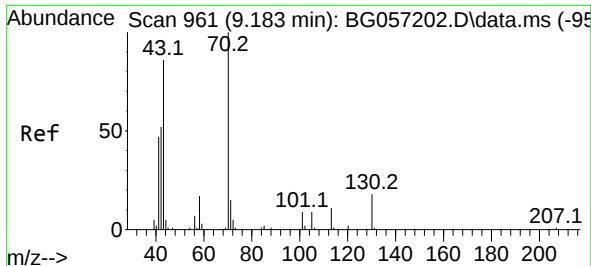
Tgt Ion: 99 Resp: 226386
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 40.9 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.506 min Scan# 675
Delta R.T. 0.018 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

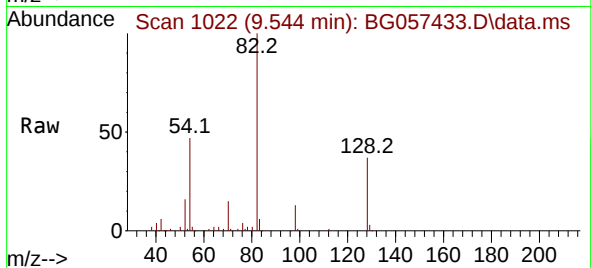
Tgt Ion: 77 Resp: 303
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#



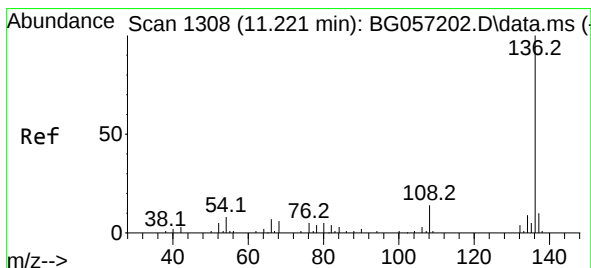
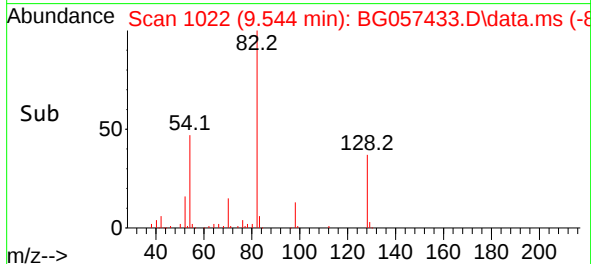
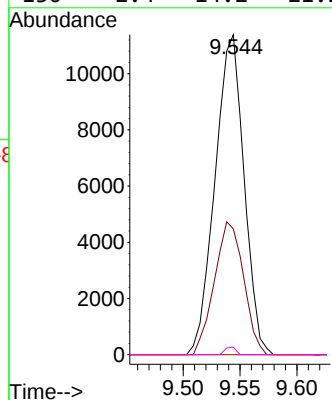


#19
n-Nitroso-di-n-propylamine
Concen: 15.507 ng
RT: 9.544 min Scan# 1022
Delta R.T. 0.376 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

Instrument :
BNA_G
ClientSampleId :
PB152548BL

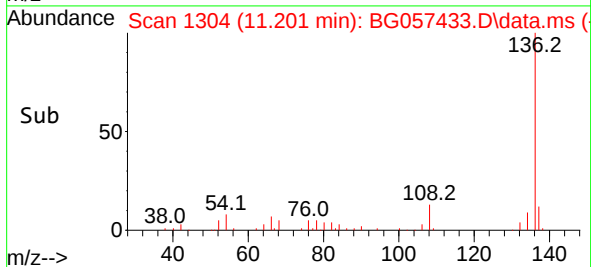
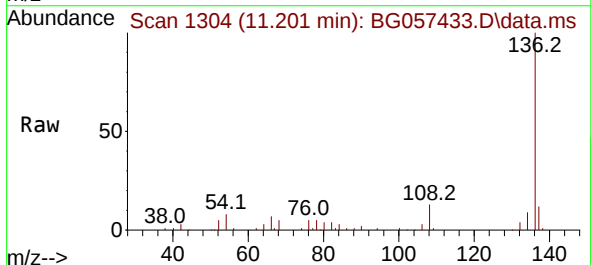
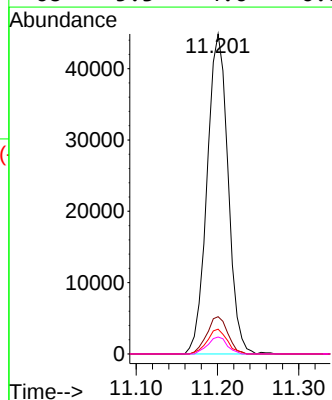


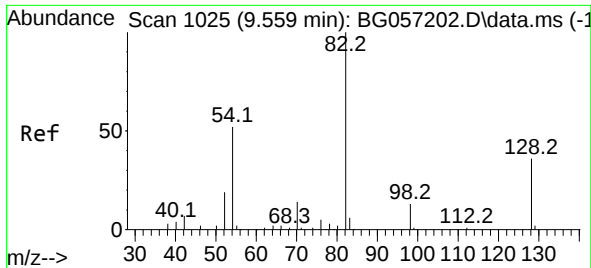
Tgt Ion: 70 Resp: 20189
Ion Ratio Lower Upper
70 100
42 39.3 41.8 62.8#
101 0.0 6.8 10.2#
130 2.4 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.201 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

Tgt Ion: 136 Resp: 80508
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 7.7 6.7 10.1
68 5.3 4.6 6.8

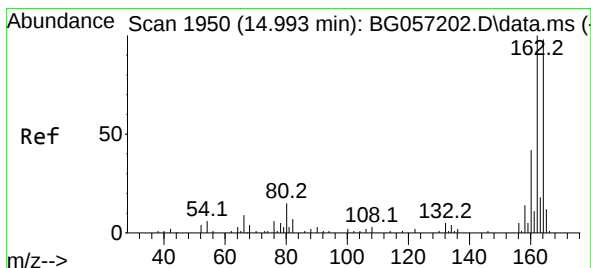
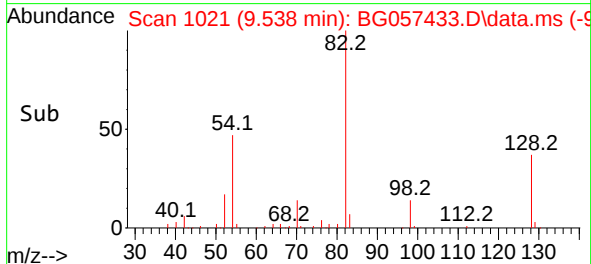
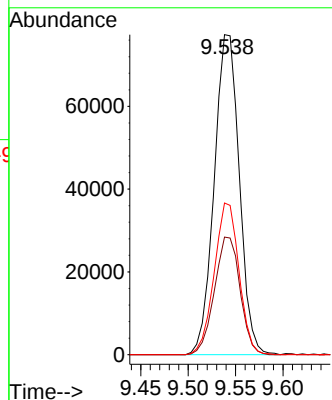
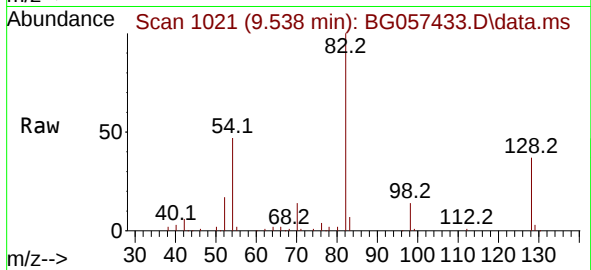




#23
Nitrobenzene-d5
Concen: 74.292 ng
RT: 9.538 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

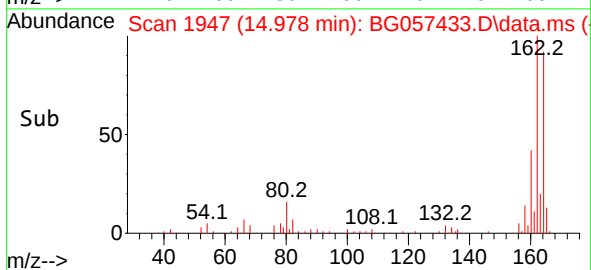
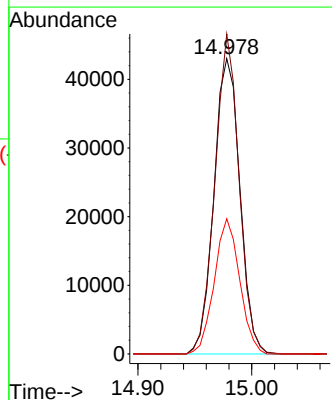
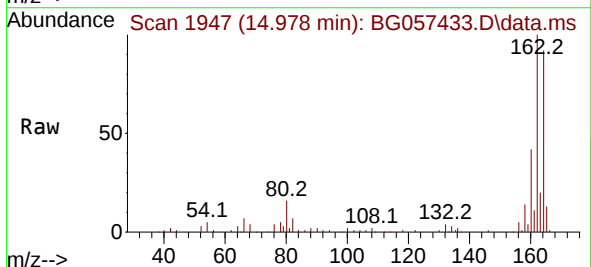
Instrument :
BNA_G
ClientSampleId :
PB152548BL

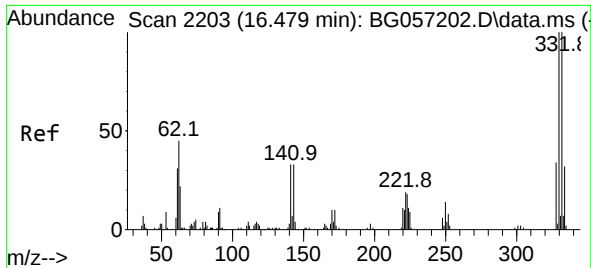
Tgt Ion: 82 Resp: 142506
Ion Ratio Lower Upper
82 100
128 36.7 29.0 43.4
54 47.4 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

Tgt Ion:164 Resp: 68220
Ion Ratio Lower Upper
164 100
162 108.4 81.8 122.6
160 45.8 34.6 52.0

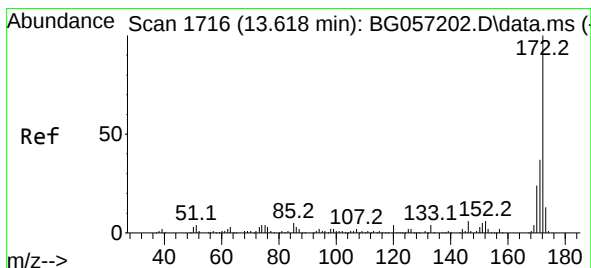
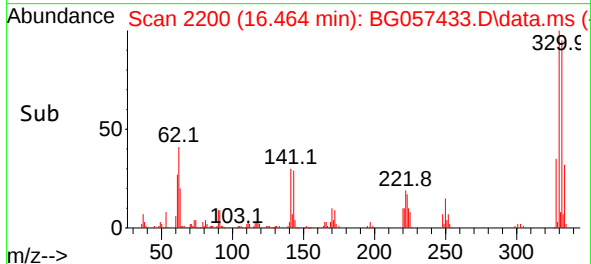
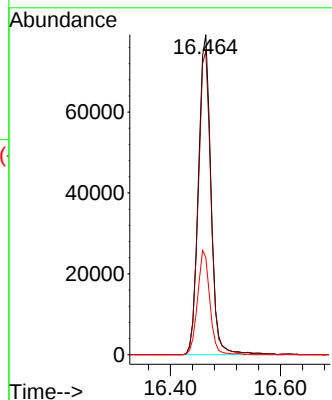
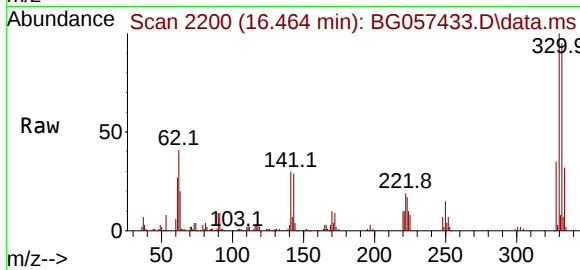




#42
2,4,6-Tribromophenol
Concen: 129.366 ng
RT: 16.464 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

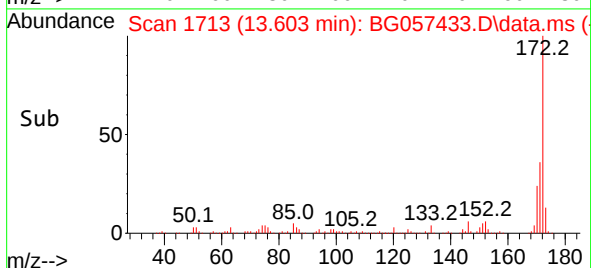
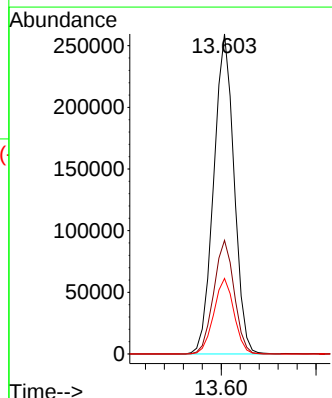
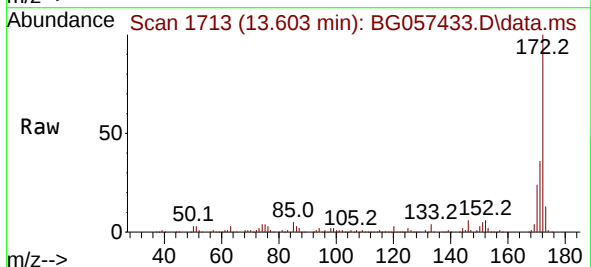
Instrument :
BNA_G
ClientSampleId :
PB152548BL

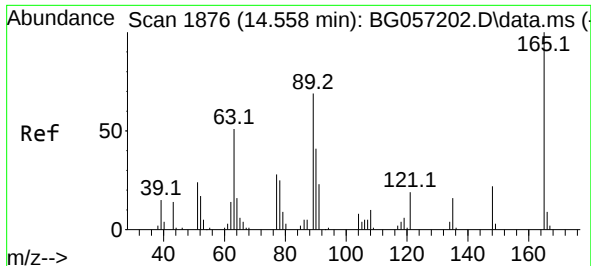
Tgt Ion:330 Resp: 125222
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.2
141 31.9 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 76.312 ng
RT: 13.603 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

Tgt Ion:172 Resp: 386547
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.6 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 7.814 ng

RT: 14.978 min Scan# 1947

Delta R.T. 0.429 min

Lab File: BG057433.D

Acq: 15 May 2023 12:38

Instrument :

BNA_G

ClientSampleId :

PB152548BL

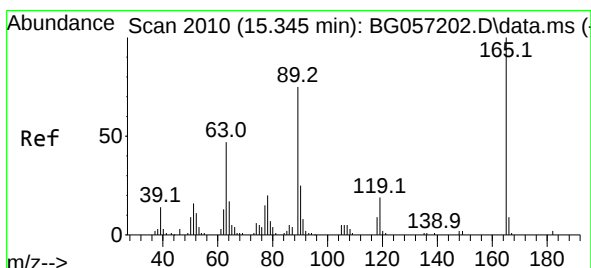
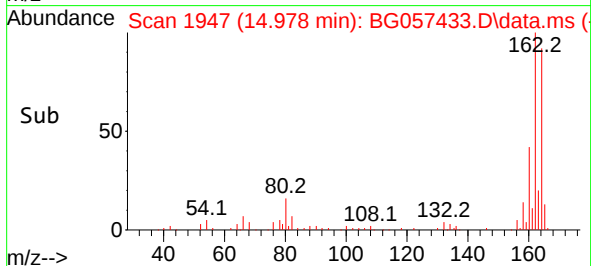
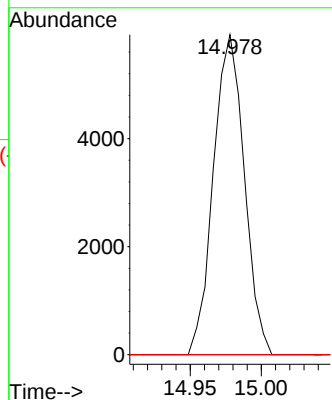
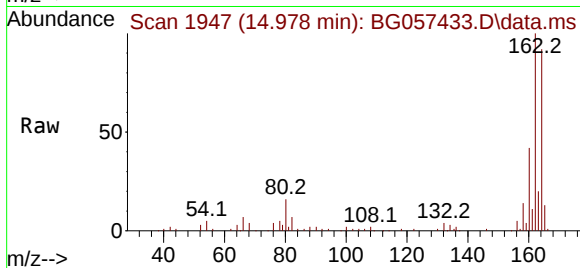
Tgt Ion:165 Resp: 8944

Ion Ratio Lower Upper

165 100

63 0.0 50.9 76.3#

89 0.0 55.2 82.8#



#57

2,4-Dinitrotoluene

Concen: 5.468 ng

RT: 14.978 min Scan# 1947

Delta R.T. -0.358 min

Lab File: BG057433.D

Acq: 15 May 2023 12:38

Tgt Ion:165 Resp: 8944

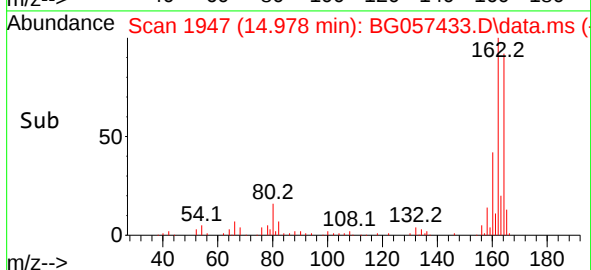
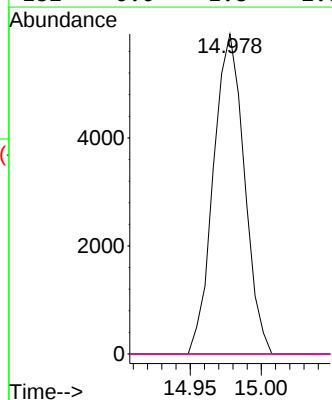
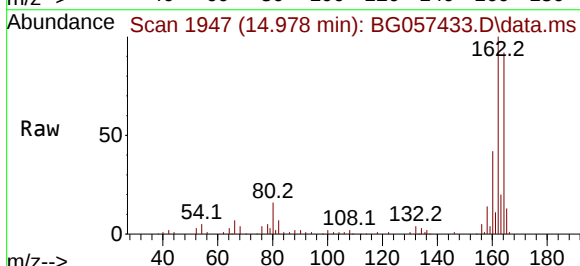
Ion Ratio Lower Upper

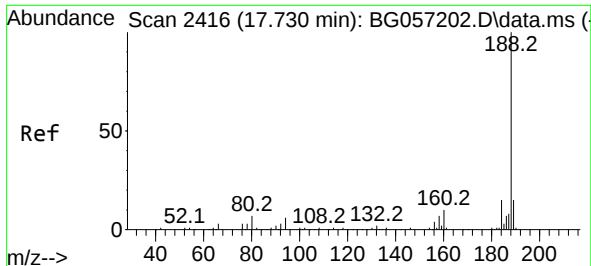
165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#

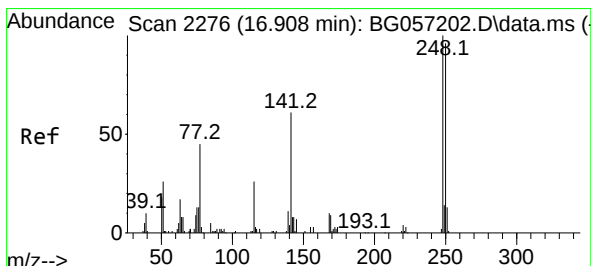
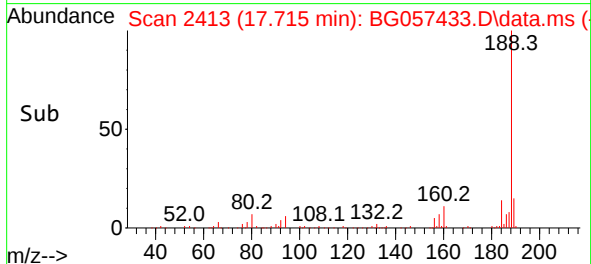
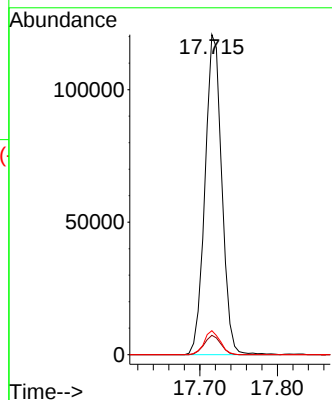
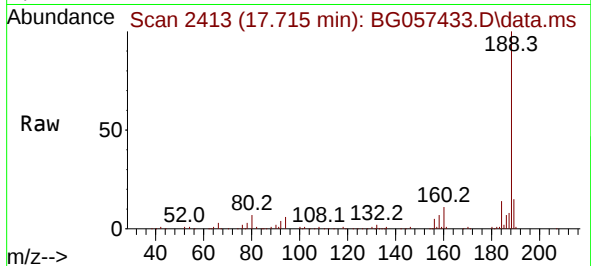




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

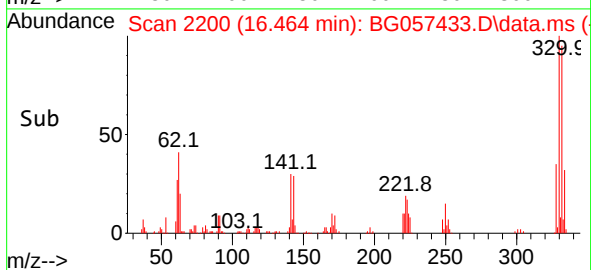
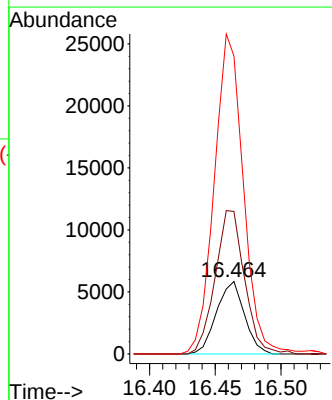
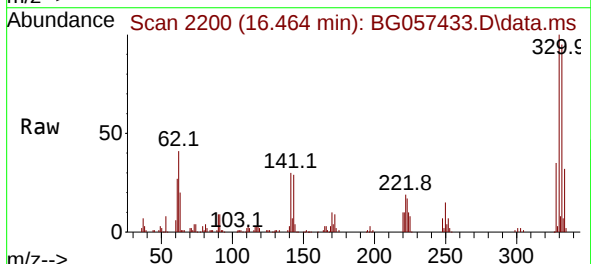
Instrument :
BNA_G
ClientSampleId :
PB152548BL

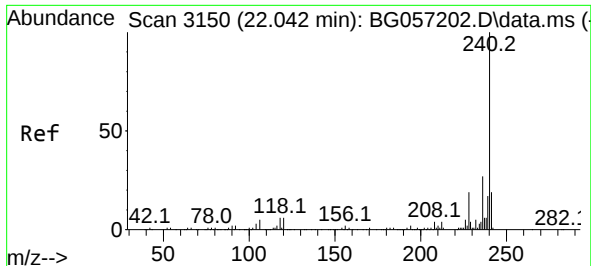
Tgt Ion:188 Resp: 182073
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 7.5 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 3.889 ng
RT: 16.464 min Scan# 2200
Delta R.T. -0.429 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

Tgt Ion:248 Resp: 8643
Ion Ratio Lower Upper
248 100
250 196.5 77.0 115.6#
141 410.6 48.6 72.8#

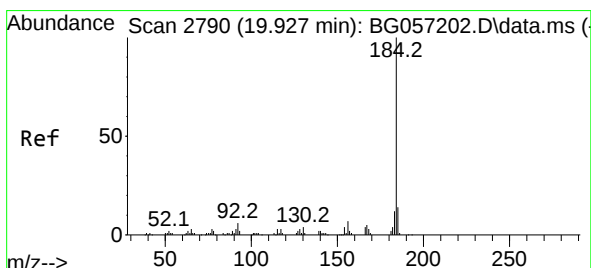
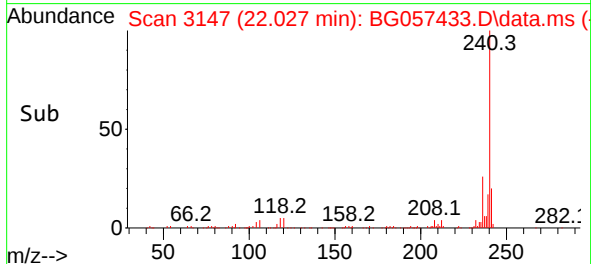
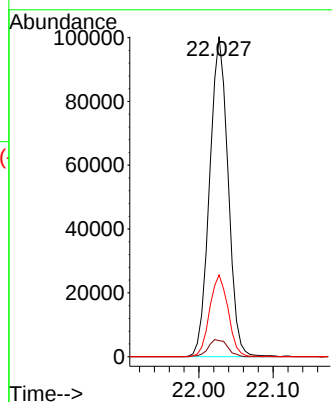
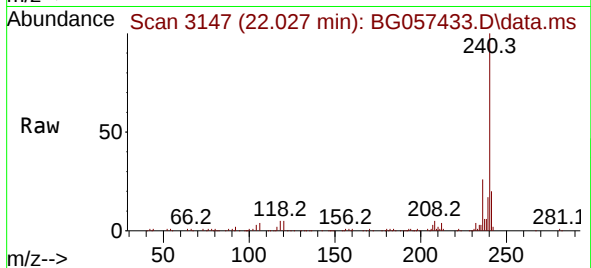




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.027 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

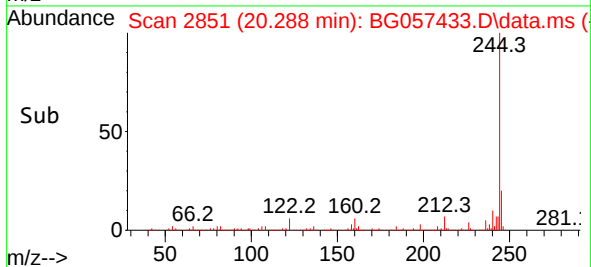
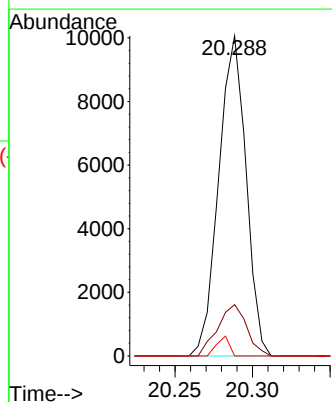
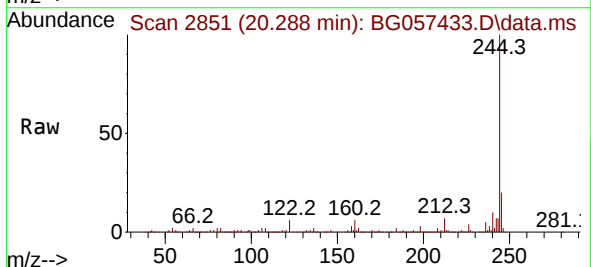
Instrument :
BNA_G
ClientSampleId :
PB152548BL

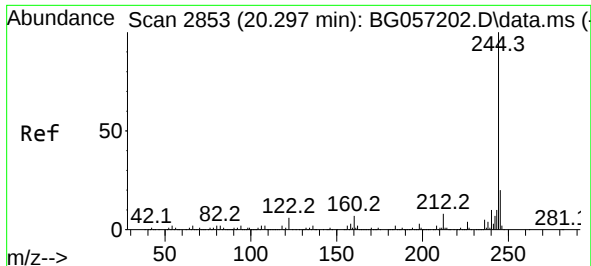
Tgt Ion:240 Resp: 173438
Ion Ratio Lower Upper
240 100
120 5.0 4.9 7.3
236 25.6 21.4 32.2



#77
Benzidine
Concen: 3.174 ng
RT: 20.288 min Scan# 2851
Delta R.T. 0.370 min
Lab File: BG057433.D
Acq: 15 May 2023 12:38

Tgt Ion:184 Resp: 12306
Ion Ratio Lower Upper
184 100
185 16.1 11.1 16.7
183 0.0 9.9 14.9#

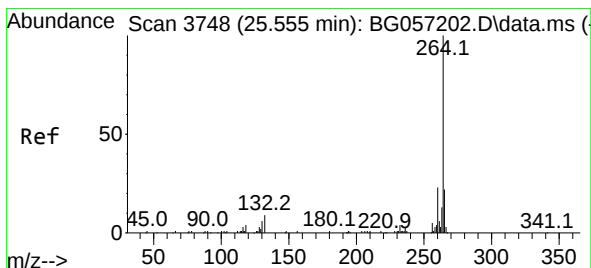
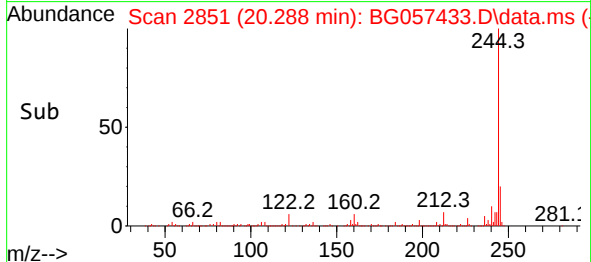
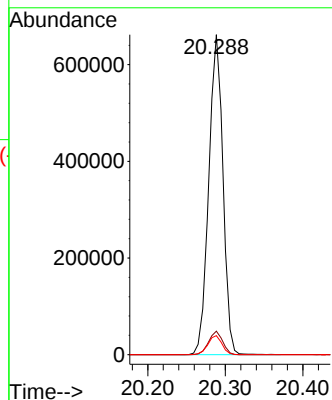
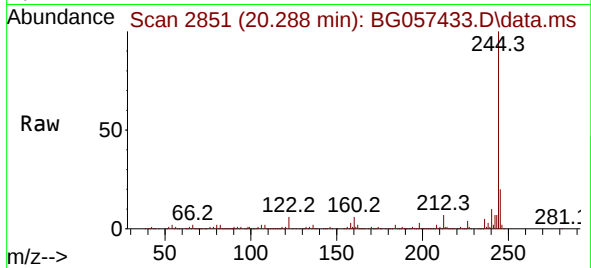




#79
 Terphenyl-d14
 Concen: 78.930 ng
 RT: 20.288 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057433.D
 Acq: 15 May 2023 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB152548BL

Tgt Ion:244 Resp: 838855
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.9 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.534 min Scan# 3744
 Delta R.T. -0.000 min
 Lab File: BG057433.D
 Acq: 15 May 2023 12:38

Tgt Ion:264 Resp: 173080
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 22.4 17.9 26.9

