

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057412.D
 Acq On : 12 May 2023 16:51
 Operator : CG/JU
 Sample : 02643-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FSND-IDW-AQ-05042023

Quant Time: May 12 22:11:09 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)

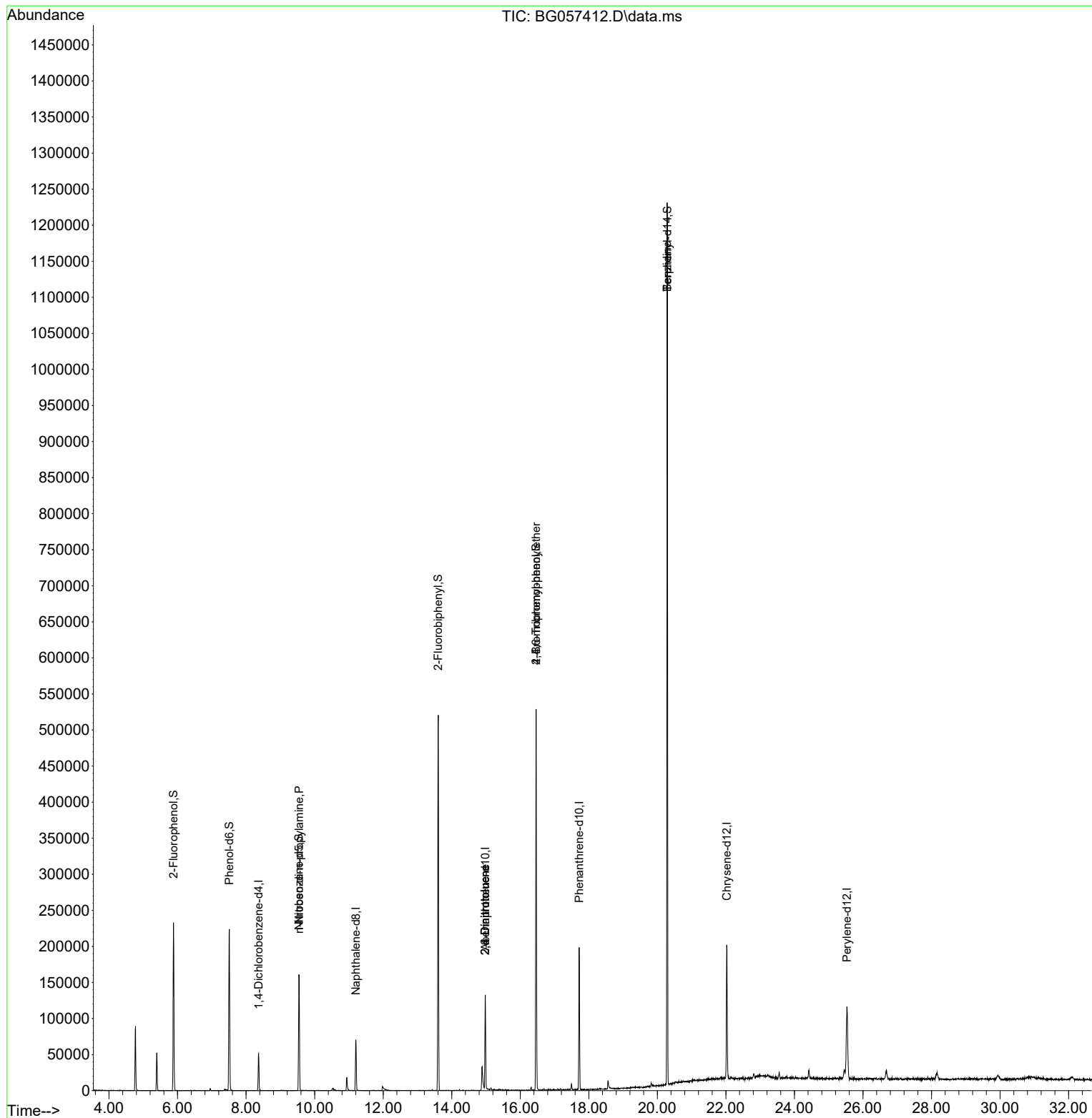
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.366	152	15190	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	60663	20.000	ng	0.00
39) Acenaphthene-d10	14.981	164	48348	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	129761	20.000	ng	0.00
76) Chrysene-d12	22.024	240	119270	20.000	ng	0.00
86) Perylene-d12	25.531	264	124866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	97271	109.541	ng	0.00
7) Phenol-d6	7.509	99	134576	99.801	ng	0.00
23) Nitrobenzene-d5	9.541	82	105198	72.783	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	105828	154.267	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	286197	79.724	ng	0.00
79) Terphenyl-d14	20.291	244	648007	88.664	ng	0.00
Target Compounds						
9) Benzaldehyde	7.497	77	197	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	9.547	70	14970	14.559	ng	# 76
51) 2,6-Dinitrotoluene	14.975	165	6218	7.665	ng	# 17
57) 2,4-Dinitrotoluene	14.975	165	6218	5.363	ng	# 20
67) 4-Bromophenyl-phenylether	16.461	248	7501	4.735	ng	# 1
77) Benzidine	20.286	184	9788	3.671	ng	# 90

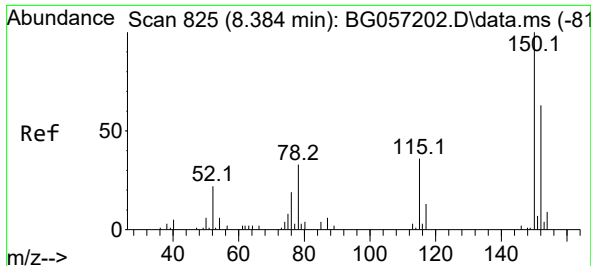
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
Data File : BG057412.D
Acq On : 12 May 2023 16:51
Operator : CG/JU
Sample : 02643-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023

Quant Time: May 12 22:11:09 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

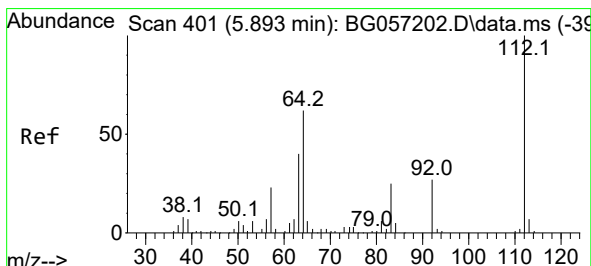
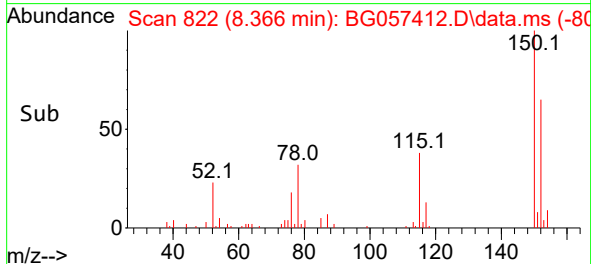
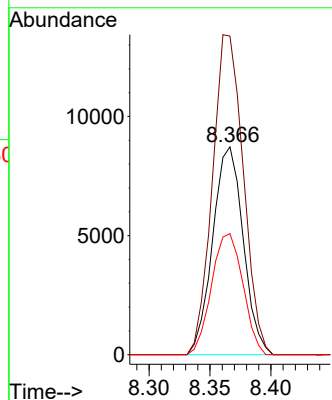
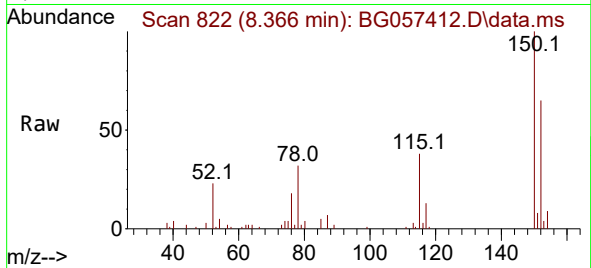




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.366 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

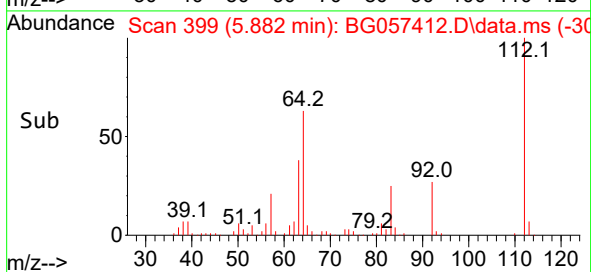
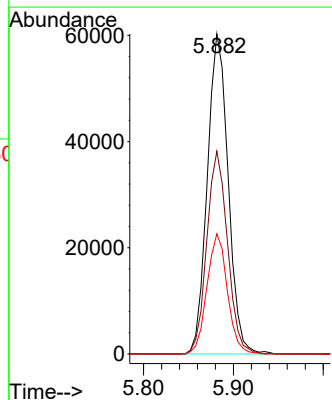
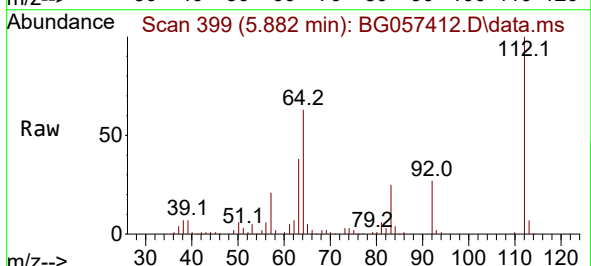
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023

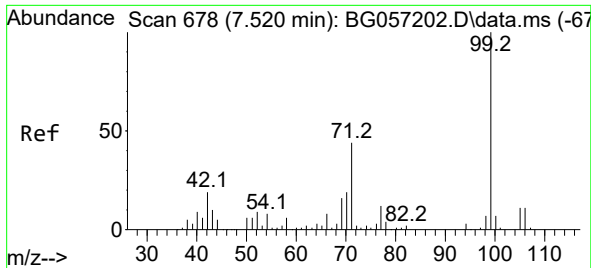
Tgt Ion:152 Resp: 15190
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.4
115 58.3 45.0 67.4



#5
2-Fluorophenol
Concen: 109.541 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

Tgt Ion:112 Resp: 97271
Ion Ratio Lower Upper
112 100
64 63.4 49.4 74.2
63 37.6 31.6 47.4

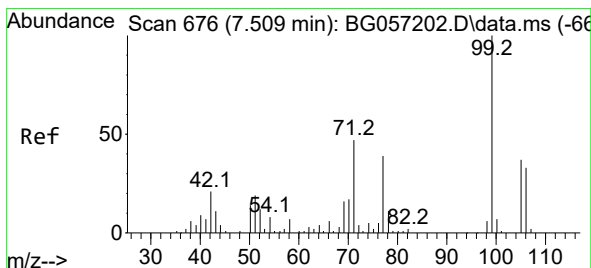
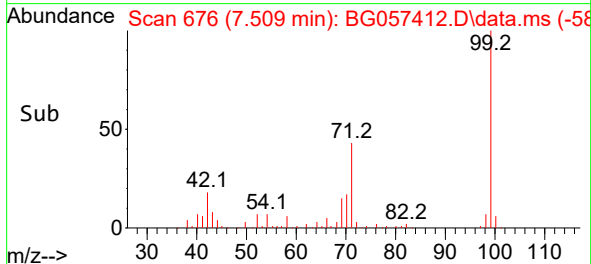
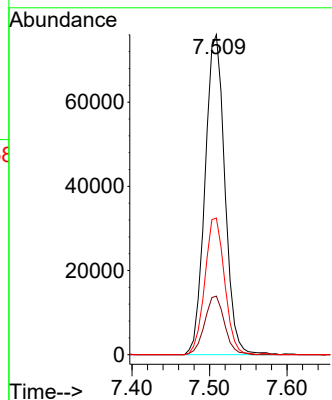
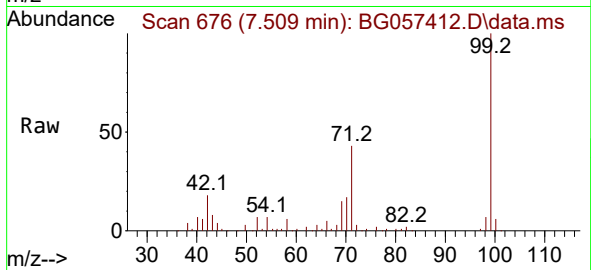




#7
Phenol-d6
Concen: 99.801 ng
RT: 7.509 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

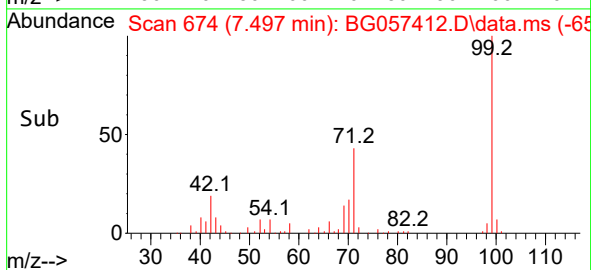
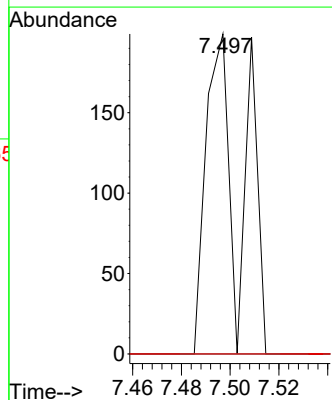
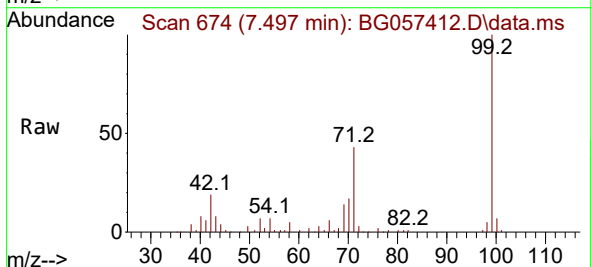
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023

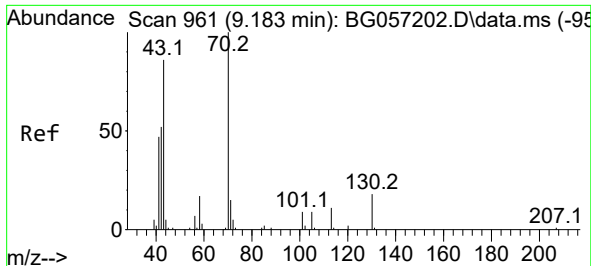
Tgt Ion: 99 Resp: 134576
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 42.7 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.497 min Scan# 674
Delta R.T. 0.009 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

Tgt Ion: 77 Resp: 197
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

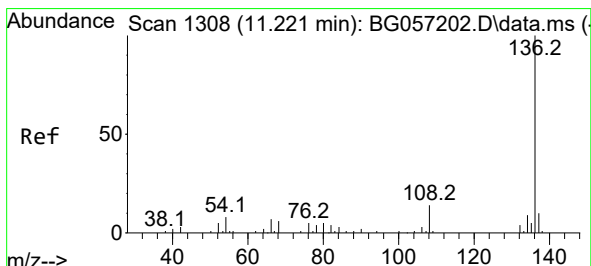
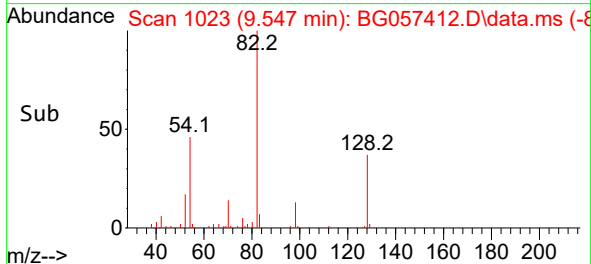
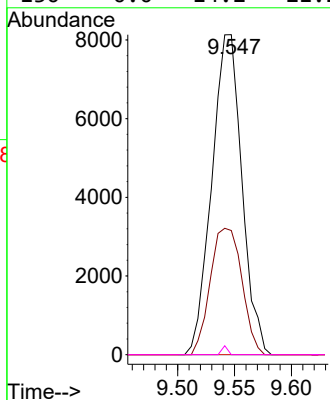
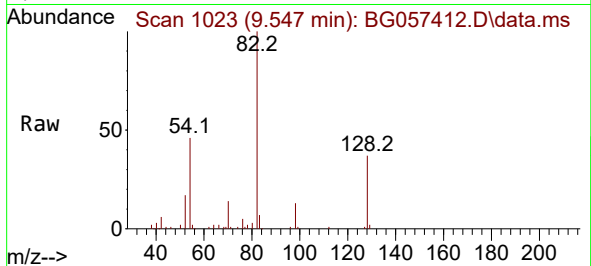




#19
n-Nitroso-di-n-propylamine
Concen: 14.559 ng
RT: 9.547 min Scan# 1023
Delta R.T. 0.379 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

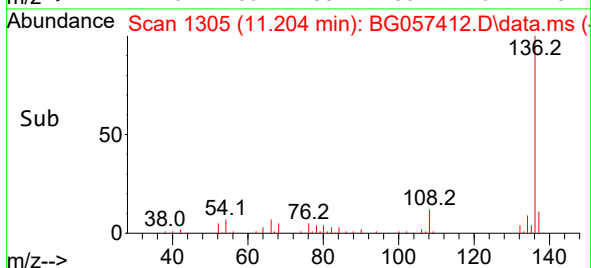
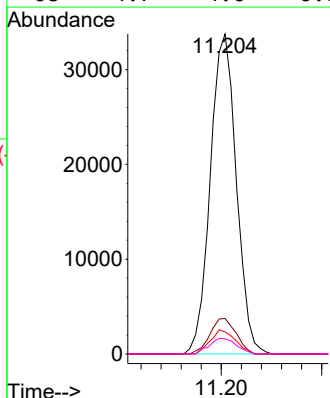
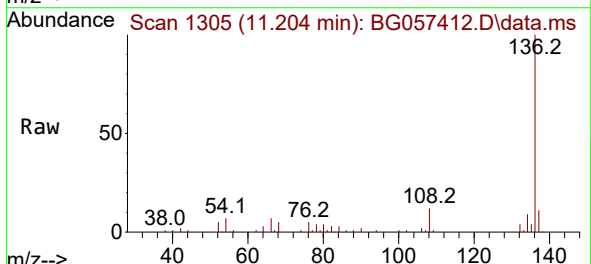
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023

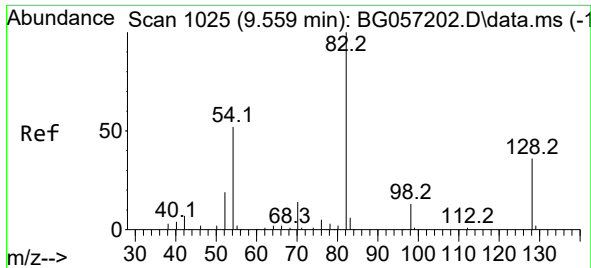
Tgt Ion: 70 Resp: 14970
Ion Ratio Lower Upper
70 100
42 38.8 41.8 62.8#
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.204 min Scan# 1305
Delta R.T. 0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

Tgt Ion:136 Resp: 60663
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 6.9 6.7 10.1
68 4.7 4.6 6.8

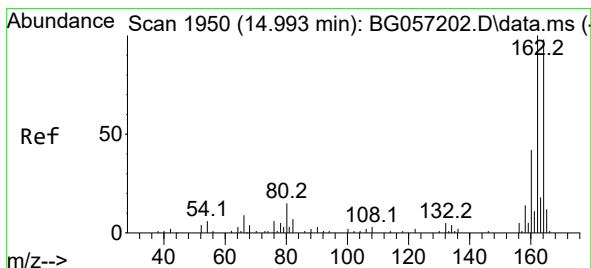
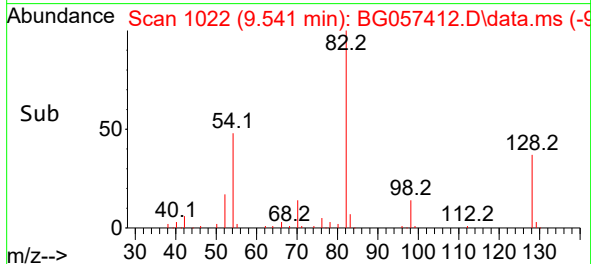
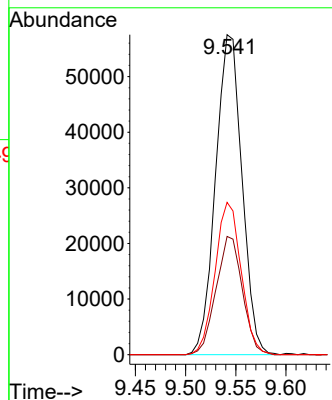
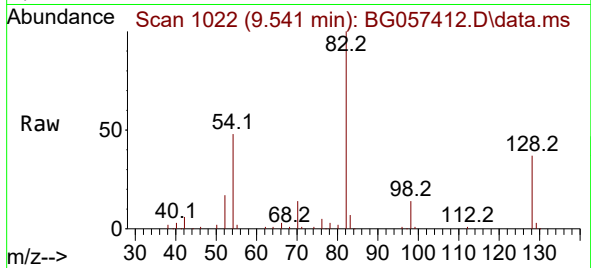




#23
Nitrobenzene-d5
Concen: 72.783 ng
RT: 9.541 min Scan# 1025
Delta R.T. -0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

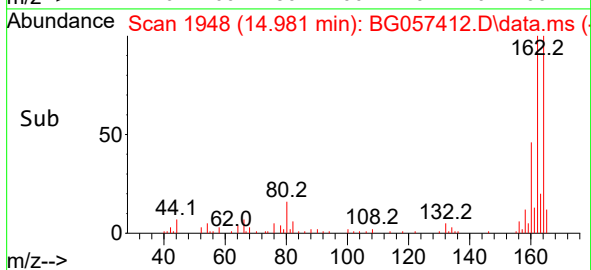
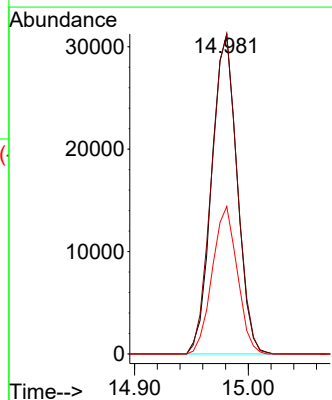
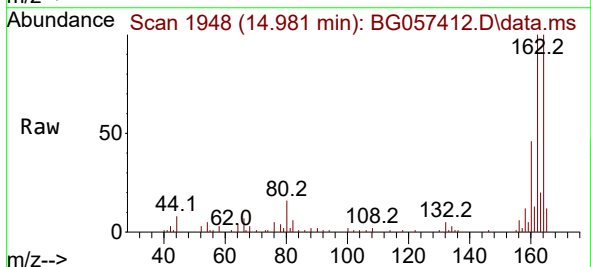
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023

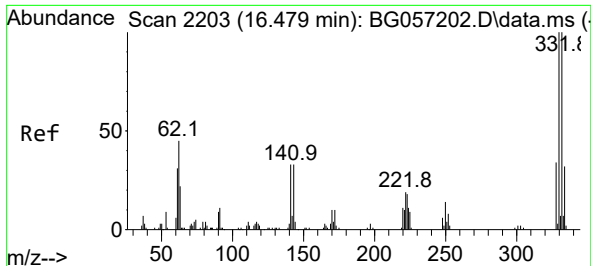
Tgt Ion: 82 Resp: 105198
Ion Ratio Lower Upper
82 100
128 36.9 29.0 43.4
54 47.6 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.981 min Scan# 1948
Delta R.T. 0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

Tgt Ion:164 Resp: 48348
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.6
160 46.1 34.6 52.0

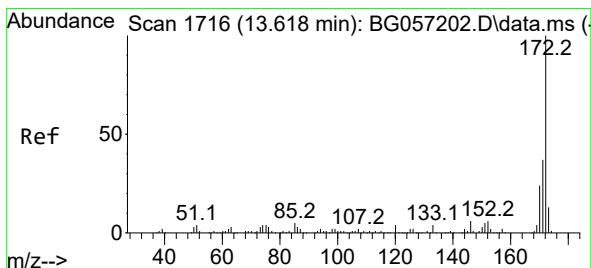
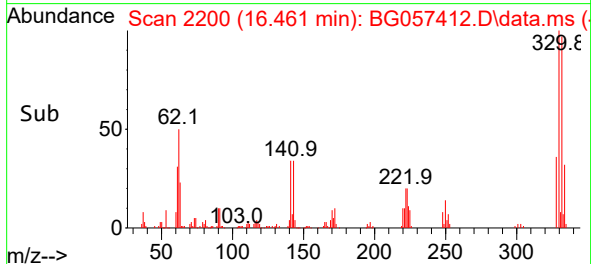
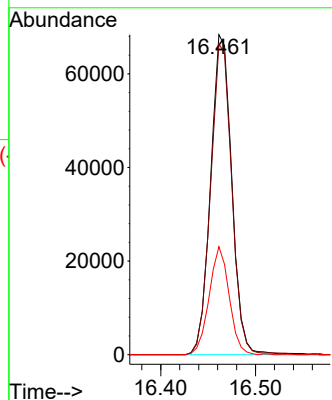
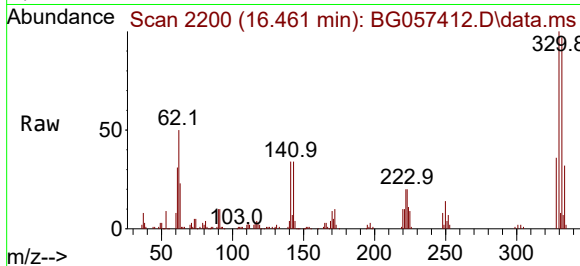




#42
2,4,6-Tribromophenol
Concen: 154.267 ng
RT: 16.461 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

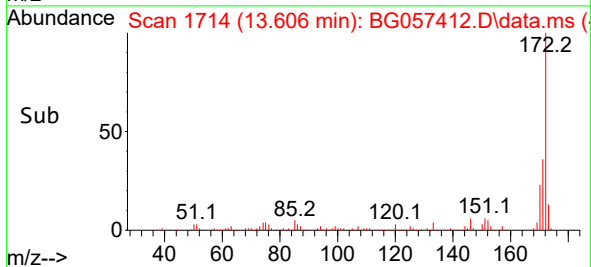
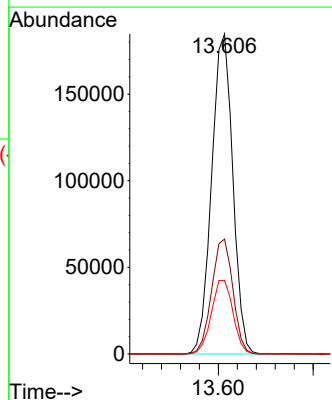
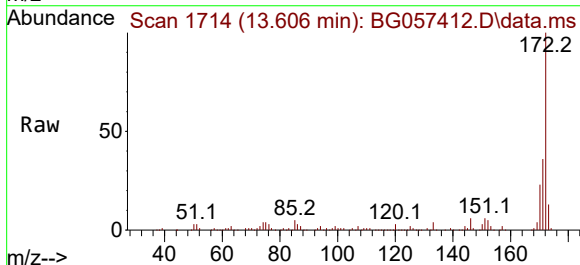
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023

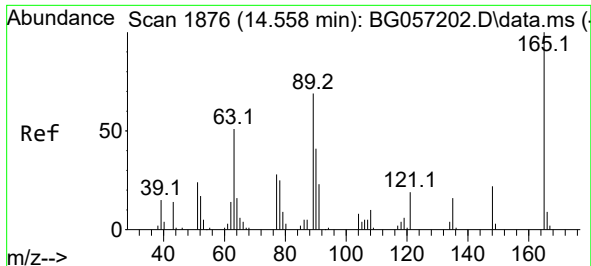
Tgt Ion:330 Resp: 105828
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 31.9 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 79.724 ng
RT: 13.606 min Scan# 1714
Delta R.T. 0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

Tgt Ion:172 Resp: 286197
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.0 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 7.665 ng

RT: 14.975 min Scan# 1947

Delta R.T. 0.426 min

Lab File: BG057412.D

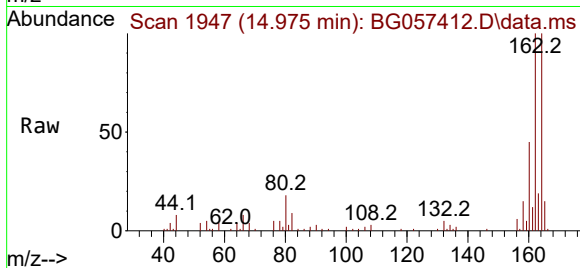
Acq: 12 May 2023 16:51

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023



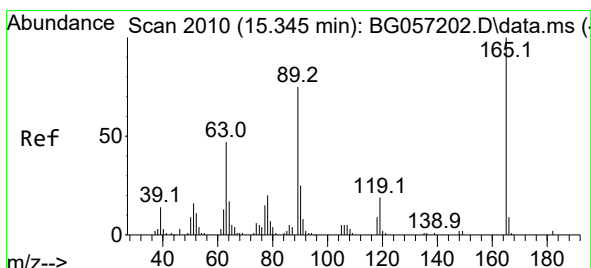
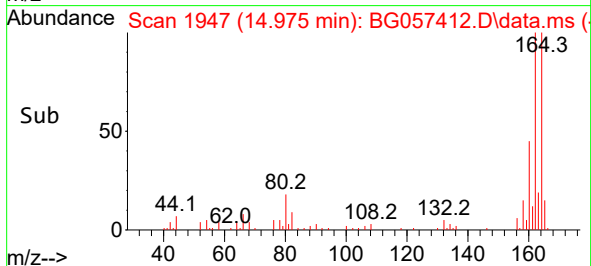
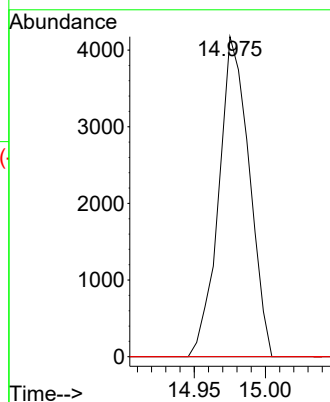
Tgt Ion:165 Resp: 6218

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: 5.363 ng

RT: 14.975 min Scan# 1947

Delta R.T. -0.361 min

Lab File: BG057412.D

Acq: 12 May 2023 16:51

Tgt Ion:165 Resp: 6218

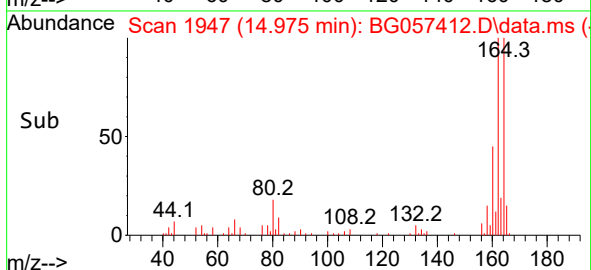
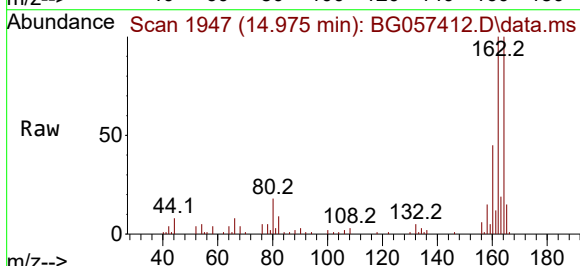
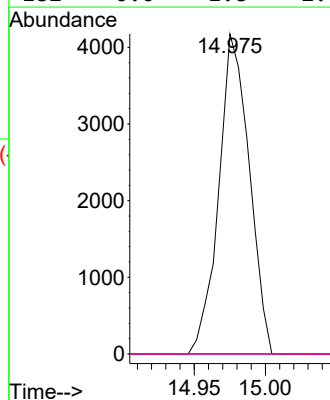
Ion Ratio Lower Upper

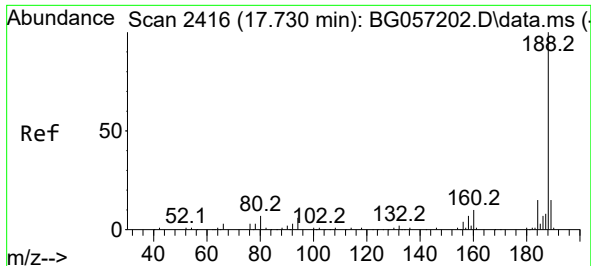
165 100

63 0.0 37.5 56.3#

89 0.0 60.2 90.4#

182 0.0 1.8 2.8#

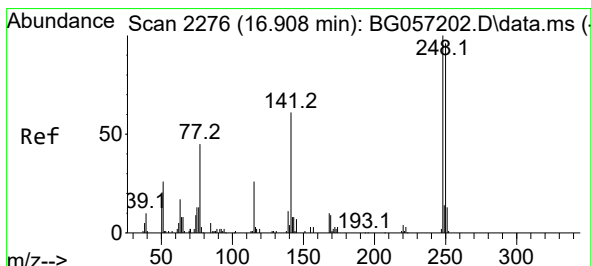
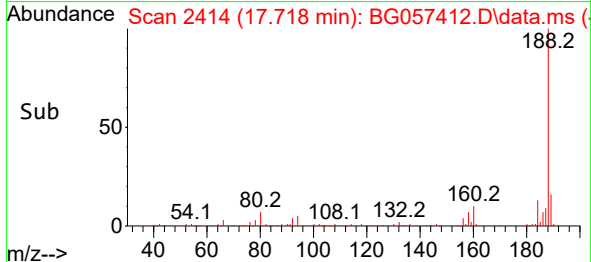
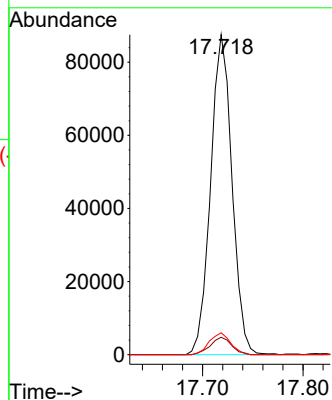
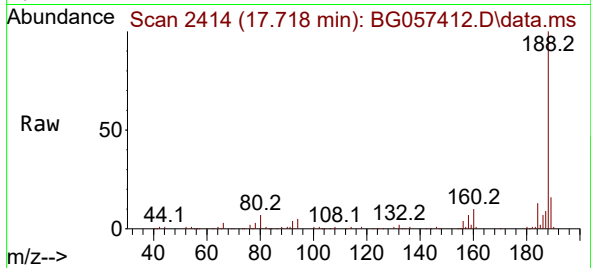




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

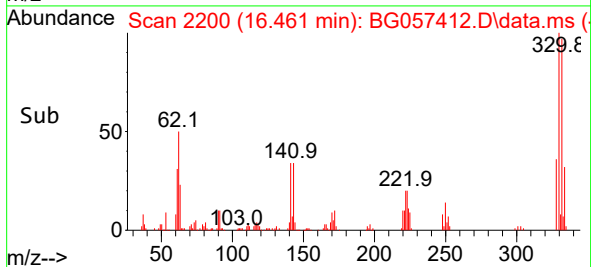
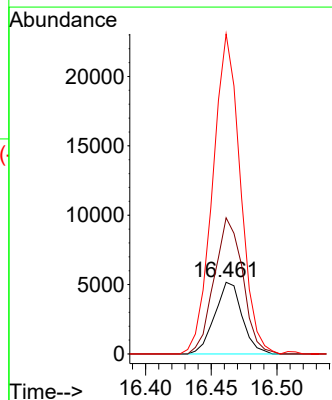
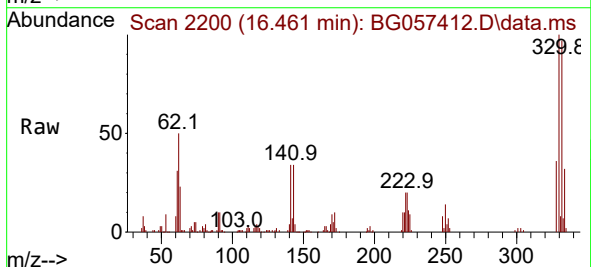
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023

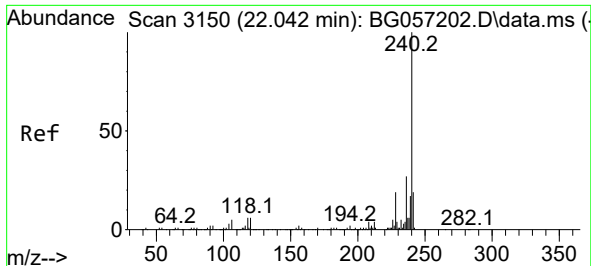
Tgt Ion:188 Resp: 129761
Ion Ratio Lower Upper
188 100
94 5.5 5.1 7.7
80 6.9 5.7 8.5



#67
4-Bromophenyl-phenylether
Concen: 4.735 ng
RT: 16.461 min Scan# 2200
Delta R.T. -0.432 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

Tgt Ion:248 Resp: 7501
Ion Ratio Lower Upper
248 100
250 189.8 77.0 115.6#
141 446.0 48.6 72.8#

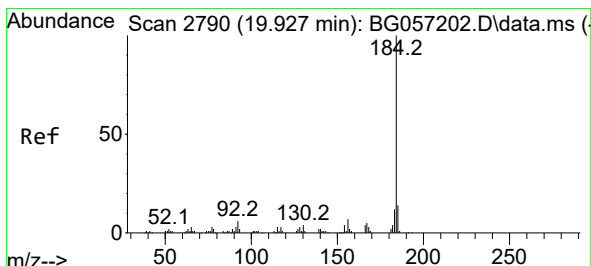
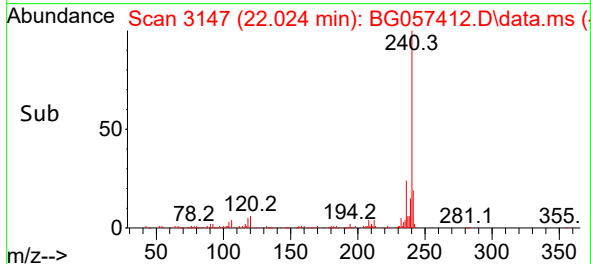
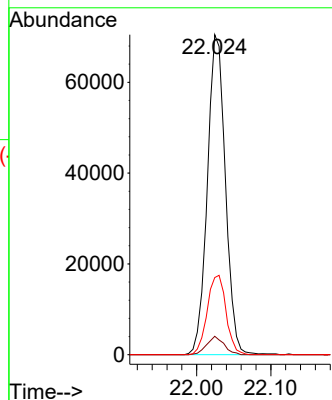
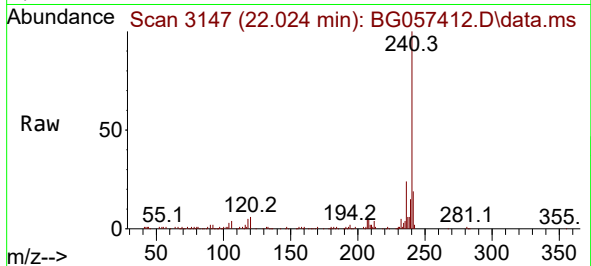




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3150
Delta R.T. -0.009 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

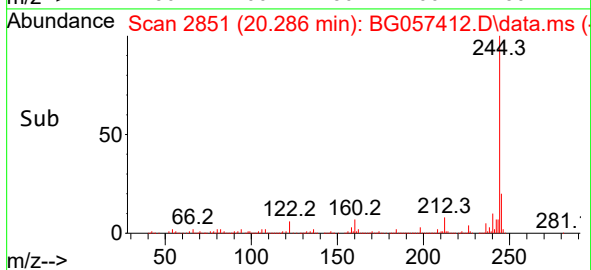
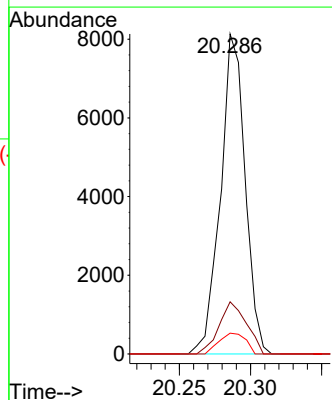
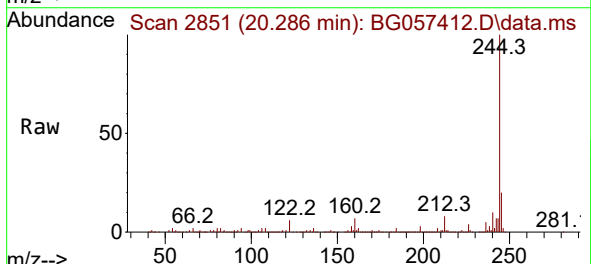
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-AQ-05042023

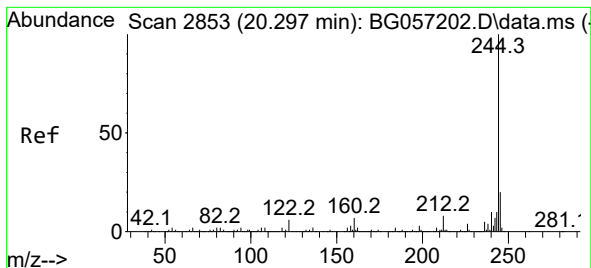
Tgt Ion:240 Resp: 119270
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 24.1 21.4 32.2



#77
Benzidine
Concen: 3.671 ng
RT: 20.286 min Scan# 2851
Delta R.T. 0.367 min
Lab File: BG057412.D
Acq: 12 May 2023 16:51

Tgt Ion:184 Resp: 9788
Ion Ratio Lower Upper
184 100
185 16.3 11.1 16.7
183 6.5 9.9 14.9#





#79

Terphenyl-d14

Concen: 88.664 ng

RT: 20.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057412.D

Acq: 12 May 2023 16:51

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-AQ-05042023

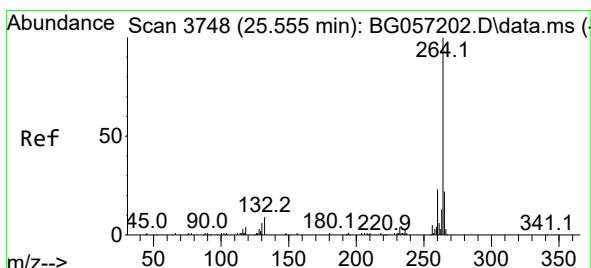
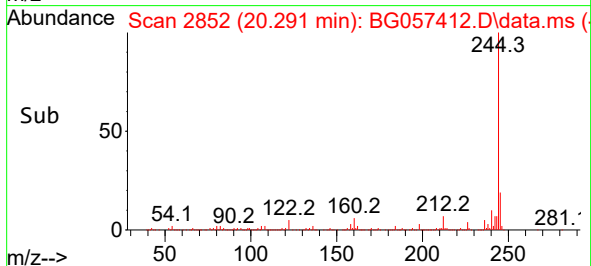
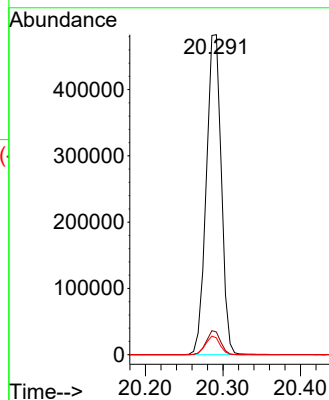
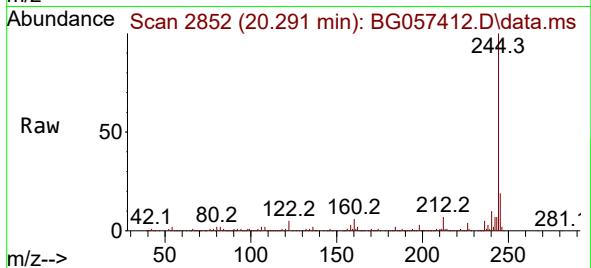
Tgt Ion:244 Resp: 648007

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 5.3 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.531 min Scan# 3744

Delta R.T. -0.003 min

Lab File: BG057412.D

Acq: 12 May 2023 16:51

Tgt Ion:264 Resp: 124866

Ion Ratio Lower Upper

264 100

260 22.0 18.8 28.2

265 23.6 17.9 26.9

