

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057410.D
 Acq On : 12 May 2023 15:22
 Operator : CG/JU
 Sample : 02643-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: May 12 22:21:03 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	8.360	152	18645	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	73637	20.000	ng	0.00
39) Acenaphthene-d10	14.975	164	51771	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	113197	20.000	ng	0.00
76) Chrysene-d12	22.024	240	105739	20.000	ng	0.00
86) Perylene-d12	25.531	264	115842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.881	112	148243	136.008	ng	0.00
7) Phenol-d6	7.508	99	202691	122.461	ng	0.00
23) Nitrobenzene-d5	9.541	82	152548	86.947	ng	0.00
42) 2,4,6-Tribromophenol	16.461	330	109308	148.804	ng	0.00
45) 2-Fluorobiphenyl	13.600	172	372865	96.999	ng	0.00
79) Terphenyl-d14	20.285	244	617012	95.226	ng	0.00

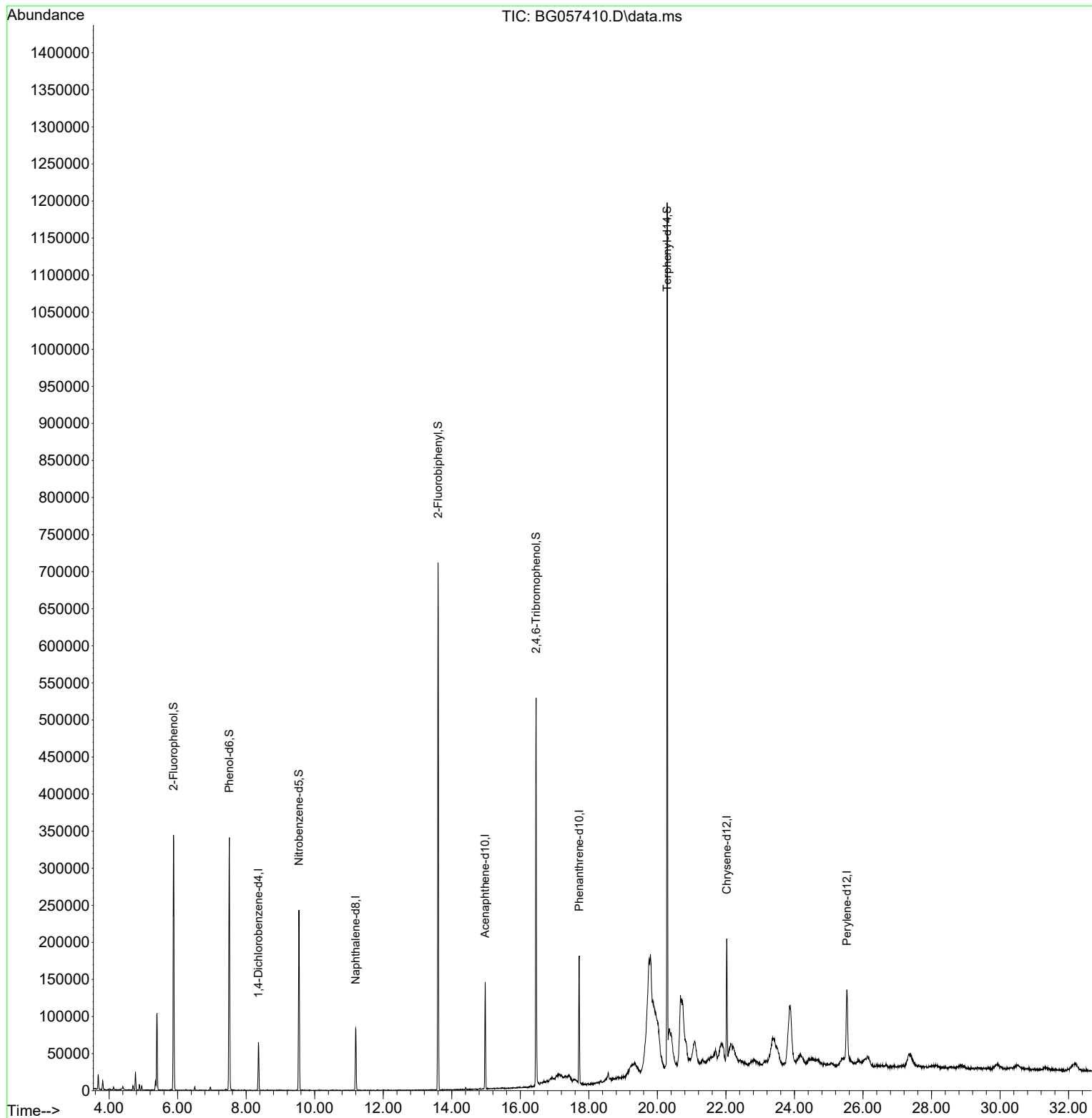
Target Compounds	Qvalue

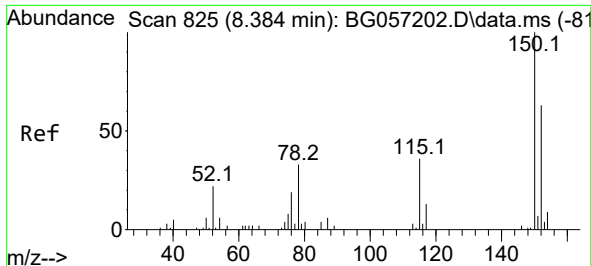
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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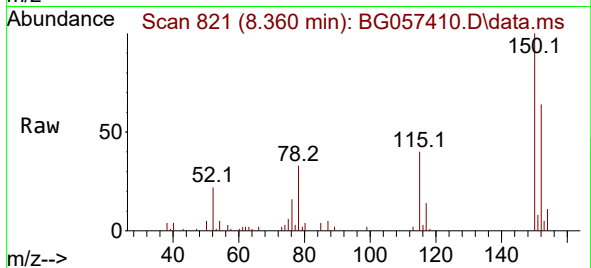
Quant Time: May 12 22:21:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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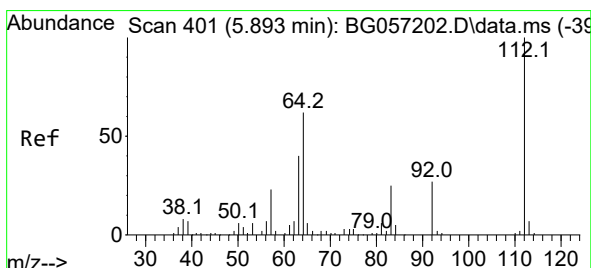
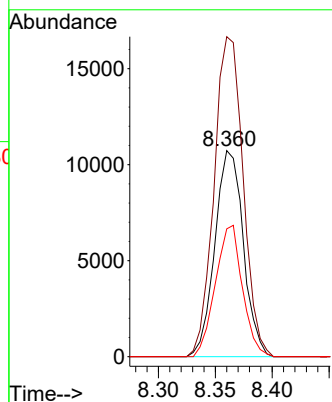
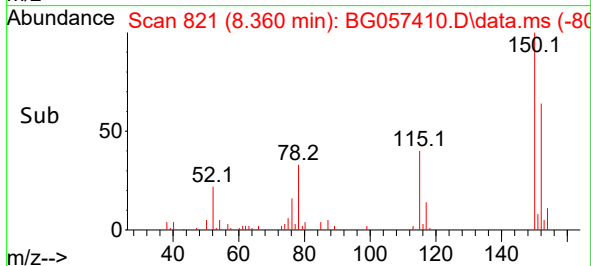


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.360 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

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

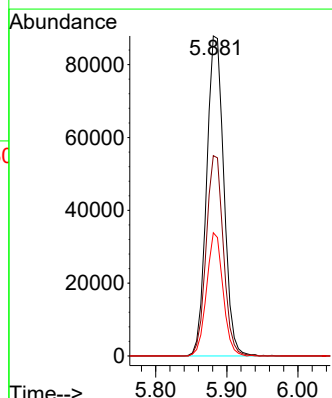
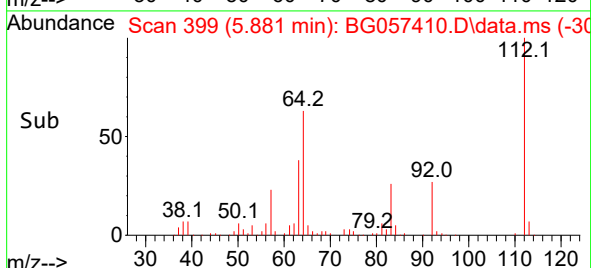
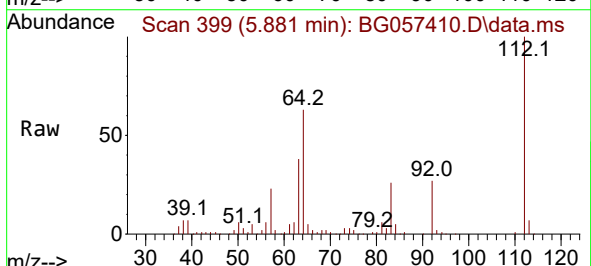


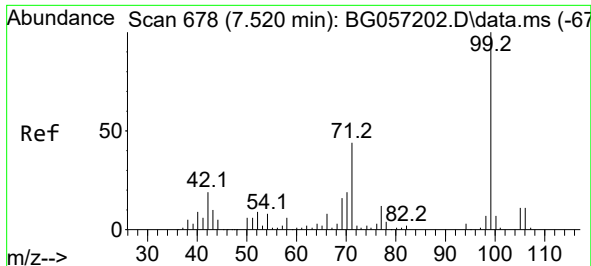
Tgt Ion:152 Resp: 18645
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.4
115 62.1 45.0 67.4



#5
2-Fluorophenol
Concen: 136.008 ng
RT: 5.881 min Scan# 399
Delta R.T. 0.002 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion:112 Resp: 148243
Ion Ratio Lower Upper
112 100
64 62.6 49.4 74.2
63 38.5 31.6 47.4

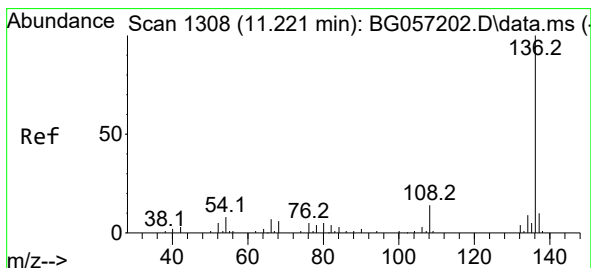
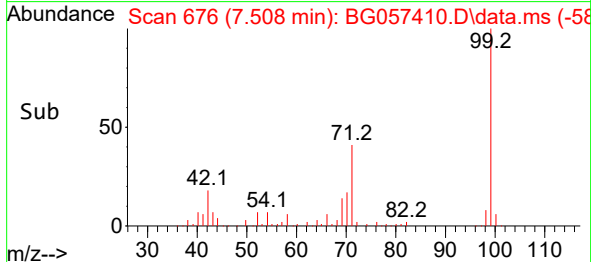
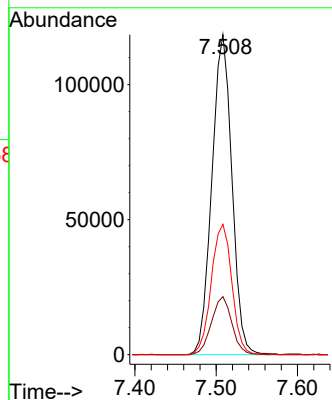
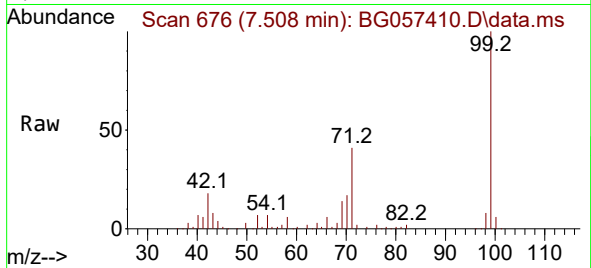




#7
Phenol-d6
Concen: 122.461 ng
RT: 7.508 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

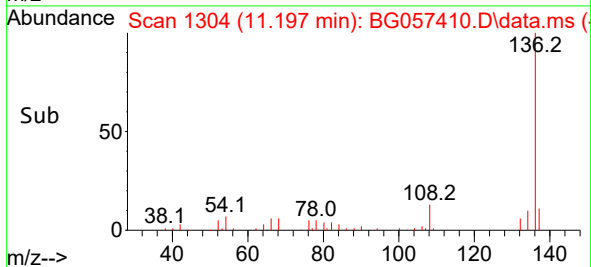
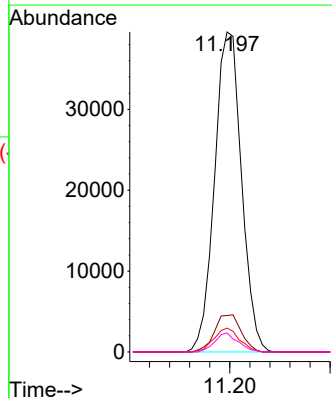
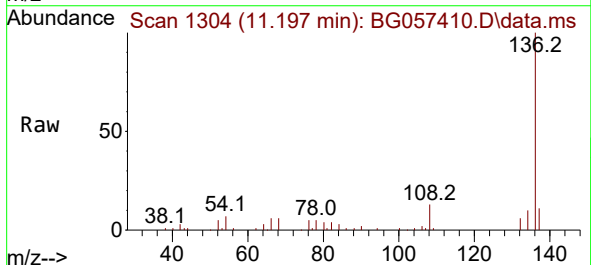
Instrument :
BNA_G
ClientSampleId :
FSND-IDW-S-05042023

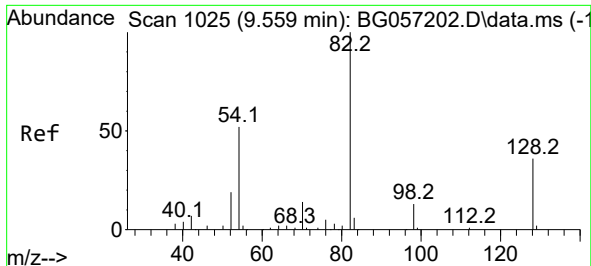
Tgt Ion: 99 Resp: 202691
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 40.8 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion: 136 Resp: 73637
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 7.4 6.7 10.1
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 86.947 ng

RT: 9.541 min Scan# 1022

Delta R.T. -0.003 min

Lab File: BG057410.D

Acq: 12 May 2023 15:22

Instrument :

BNA_G

ClientSampleId :

FSND-IDW-S-05042023

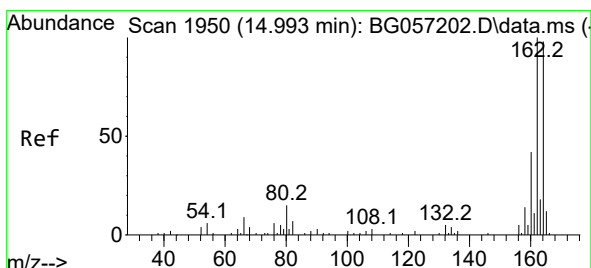
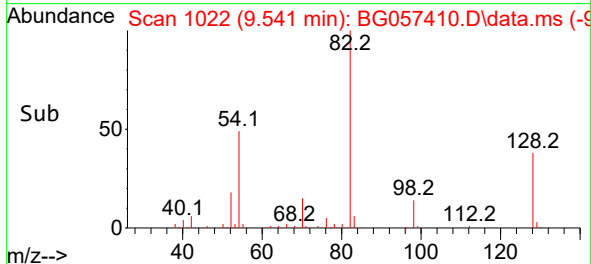
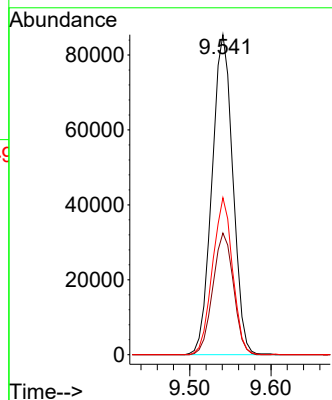
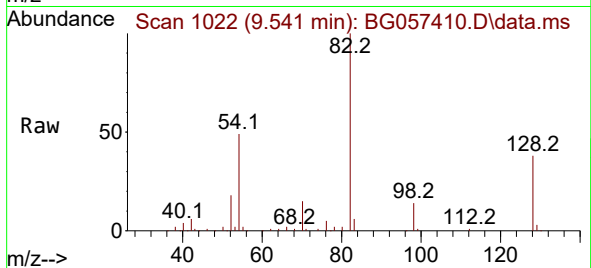
Tgt Ion: 82 Resp: 152548

Ion Ratio Lower Upper

82 100

128 38.0 29.0 43.4

54 49.1 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.975 min Scan# 1947

Delta R.T. -0.003 min

Lab File: BG057410.D

Acq: 12 May 2023 15:22

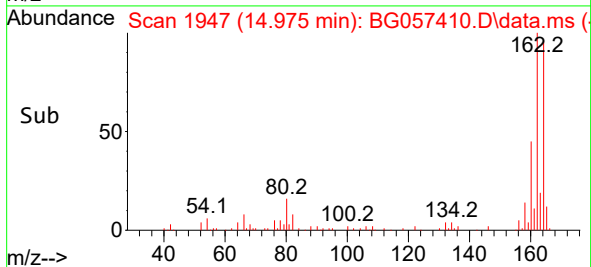
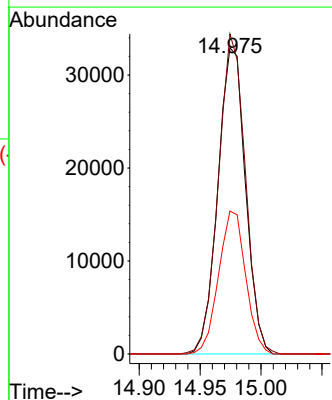
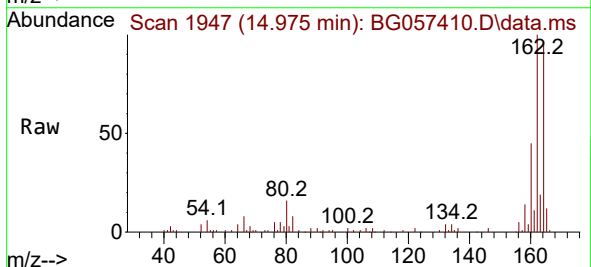
Tgt Ion:164 Resp: 51771

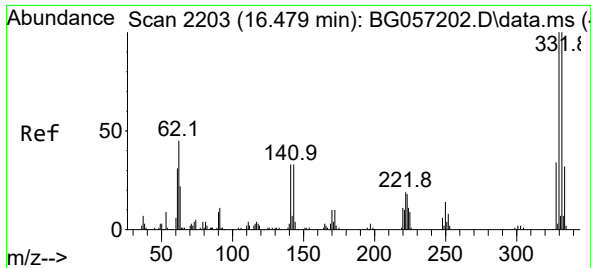
Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.6

160 46.6 34.6 52.0

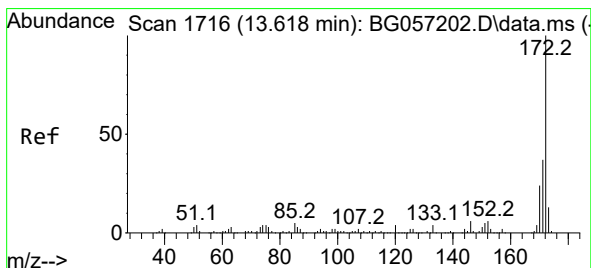
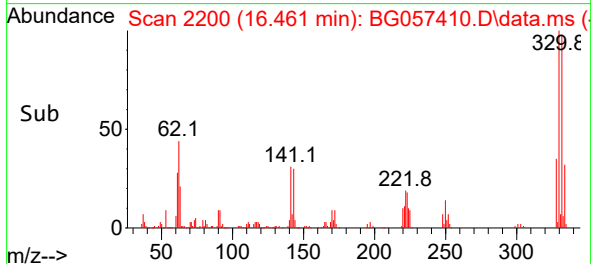
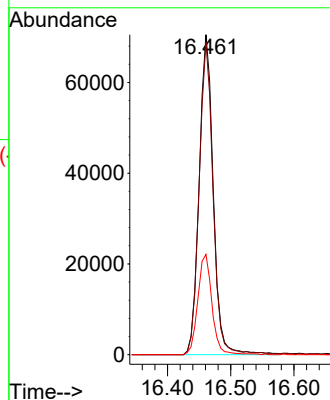
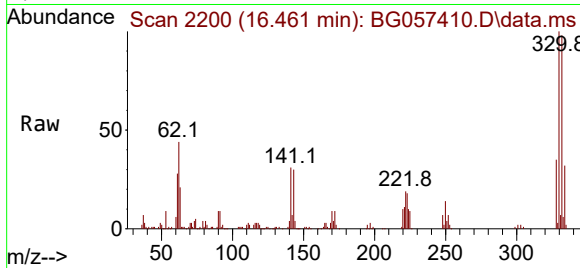




#42
 2,4,6-Tribromophenol
 Concen: 148.804 ng
 RT: 16.461 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057410.D
 Acq: 12 May 2023 15:22

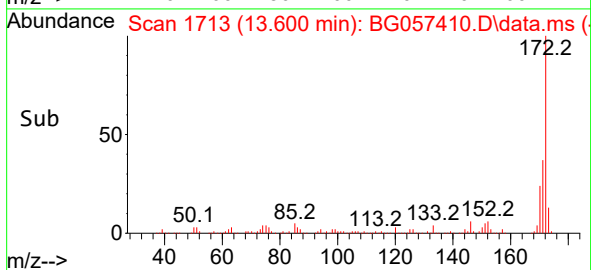
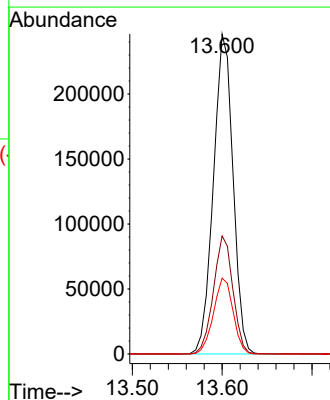
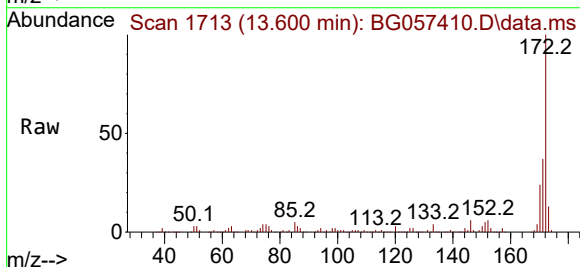
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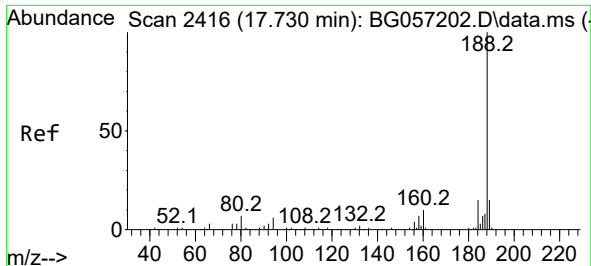
Tgt Ion:330 Resp: 109308
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 31.4 27.8 41.8



#45
 2-Fluorobiphenyl
 Concen: 96.999 ng
 RT: 13.600 min Scan# 1713
 Delta R.T. -0.003 min
 Lab File: BG057410.D
 Acq: 12 May 2023 15:22

Tgt Ion:172 Resp: 372865
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 23.7 19.0 28.6

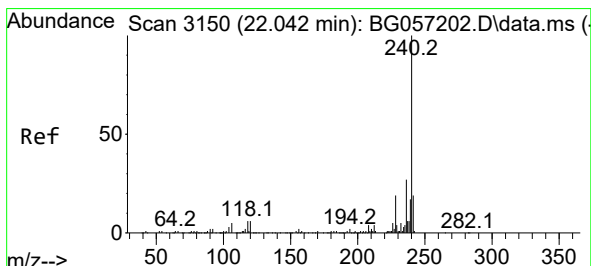
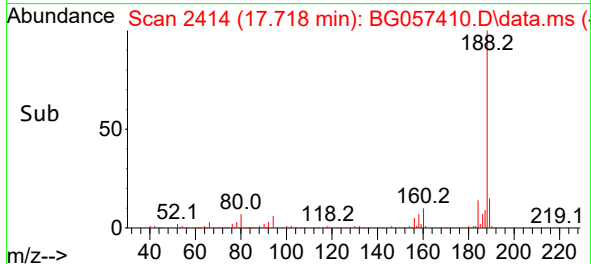
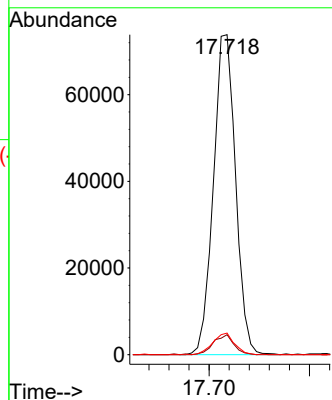
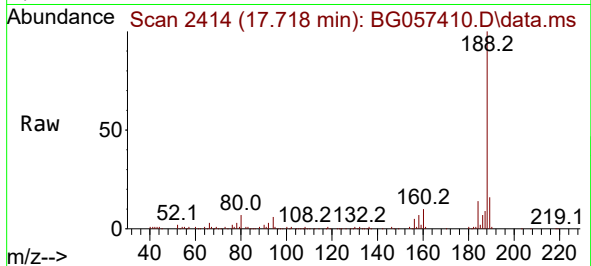




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

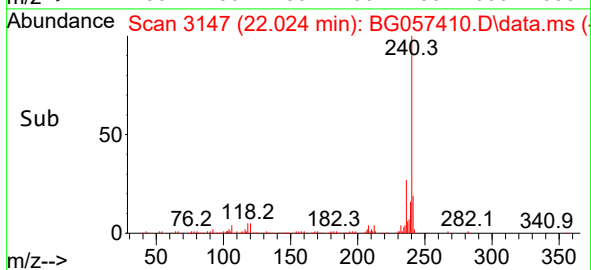
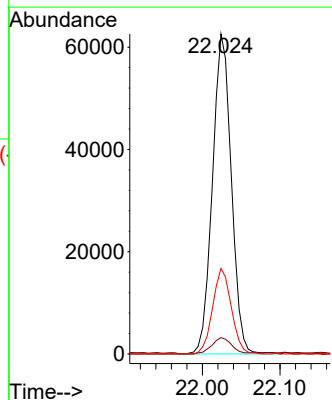
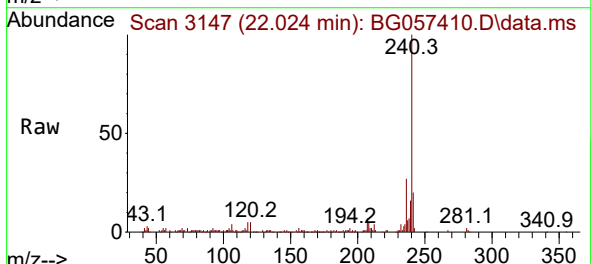
Instrument :
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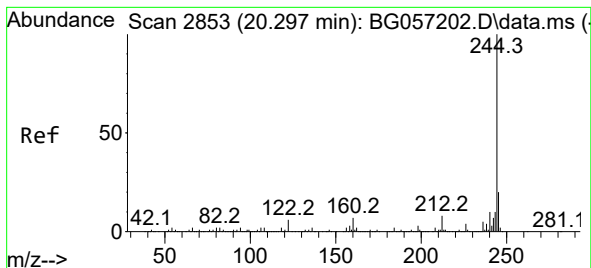
Tgt Ion:188 Resp: 113197
Ion Ratio Lower Upper
188 100
94 6.3 5.1 7.7
80 6.7 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BG057410.D
Acq: 12 May 2023 15:22

Tgt Ion:240 Resp: 105739
Ion Ratio Lower Upper
240 100
120 5.1 4.9 7.3
236 26.7 21.4 32.2





#79

Terphenyl-d14

Concen: 95.226 ng

RT: 20.285 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057410.D

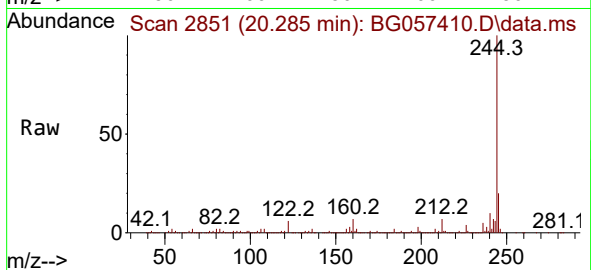
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Instrument :

BNA_G

ClientSampleId :

FSND-IDW-S-05042023



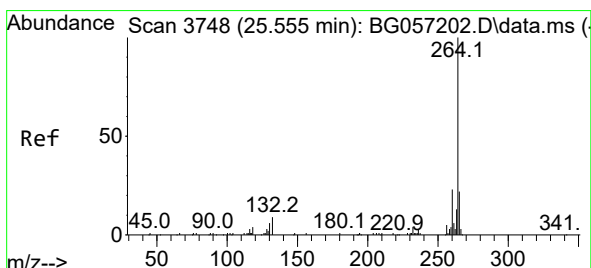
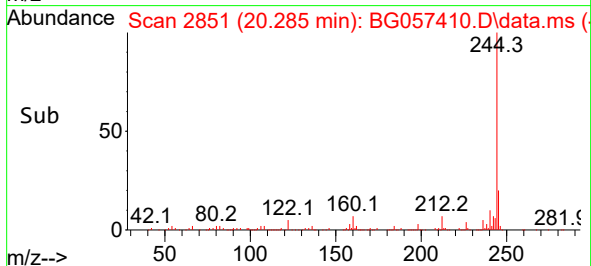
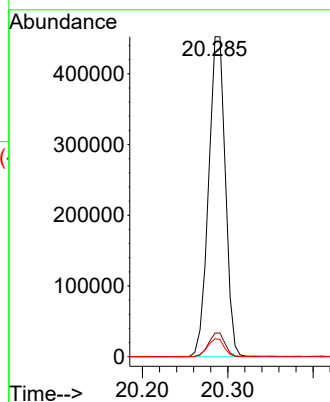
Tgt Ion:244 Resp: 617012

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 5.6 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: BG057410.D

Acq: 12 May 2023 15:22

Tgt Ion:264 Resp: 115842

Ion Ratio Lower Upper

264 100

260 22.2 18.8 28.2

265 20.9 17.9 26.9

