

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055876.D
 Acq On : 2 Dec 2022 16:25
 Operator : CG/JU
 Sample : N5830-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP1-1201

Quant Time: Dec 03 04:29:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	32592	20.000	ng	0.00
21) Naphthalene-d8	11.028	136	142868	20.000	ng	0.00
39) Acenaphthene-d10	14.830	164	107370	20.000	ng	0.00
64) Phenanthrene-d10	17.568	188	236318	20.000	ng	0.00
76) Chrysene-d12	21.857	240	223295	20.000	ng	0.00
86) Perylene-d12	25.235	264	236048	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	124374	68.977	ng	0.00
7) Phenol-d6	7.350	99	105911	44.125	ng	0.00
23) Nitrobenzene-d5	9.371	82	227374	84.118	ng	-0.02
42) 2,4,6-Tribromophenol	16.310	330	188630	124.763	ng	-0.02
45) 2-Fluorobiphenyl	13.449	172	589146	82.203	ng	0.00
79) Terphenyl-d14	20.159	244	908897	81.413	ng	0.00

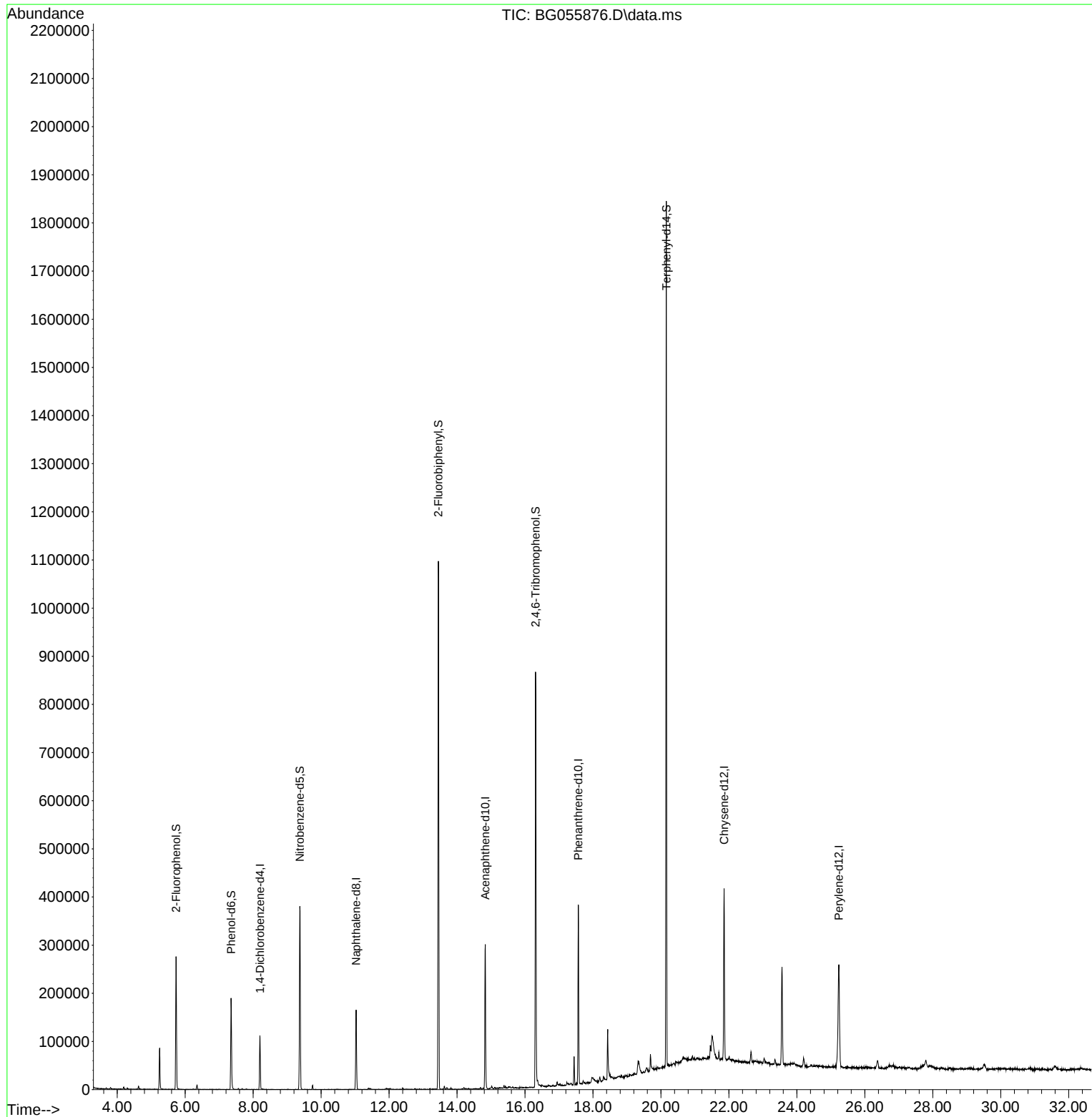
Target Compounds	Qvalue

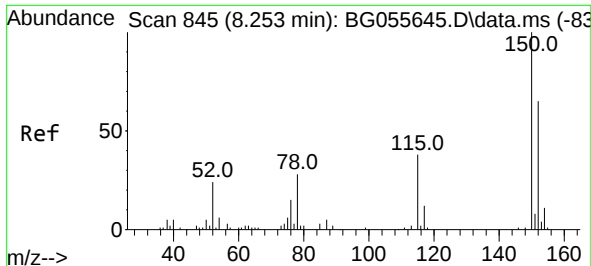
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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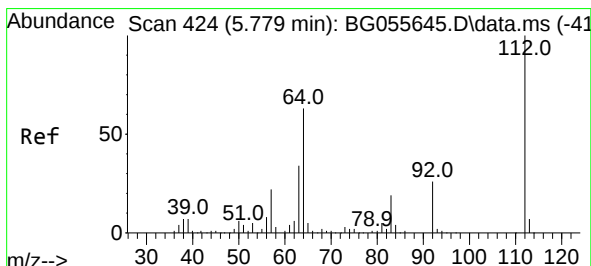
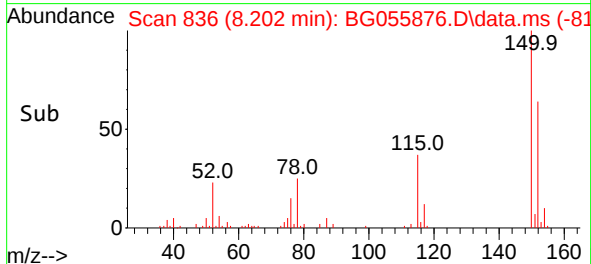
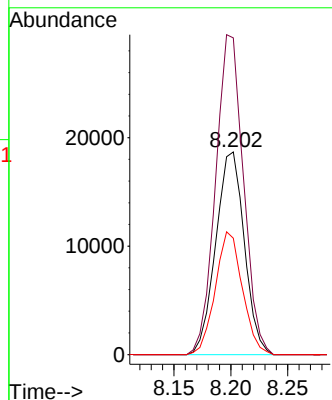
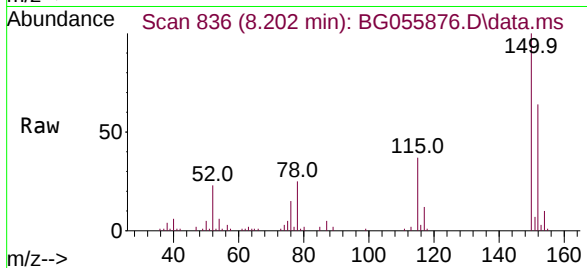




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055876.D
Acq: 2 Dec 2022 16:25

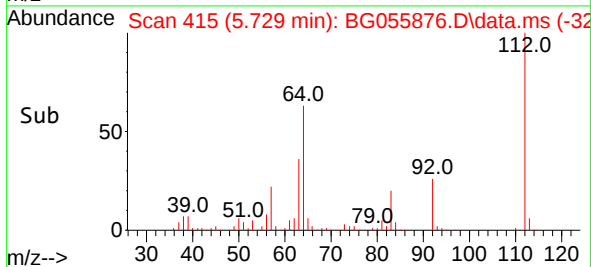
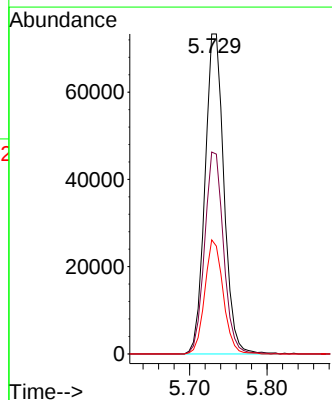
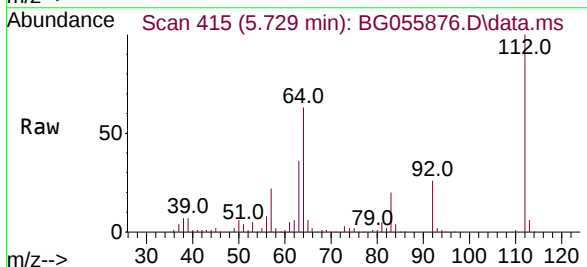
Instrument :
BNA_G
ClientSampleId :
COMP1-1201

Tgt Ion:152 Resp: 32592
Ion Ratio Lower Upper
152 100
150 156.4 123.0 184.6
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 68.977 ng
RT: 5.729 min Scan# 415
Delta R.T. -0.009 min
Lab File: BG055876.D
Acq: 2 Dec 2022 16:25

Tgt Ion:112 Resp: 124374
Ion Ratio Lower Upper
112 100
64 63.1 50.6 76.0
63 35.6 27.5 41.3

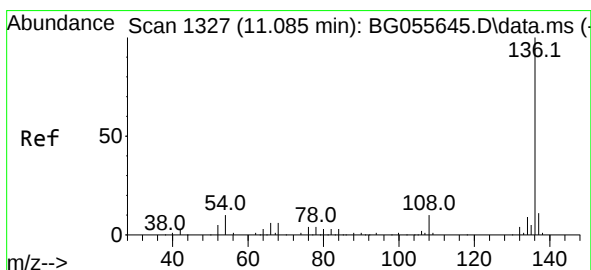
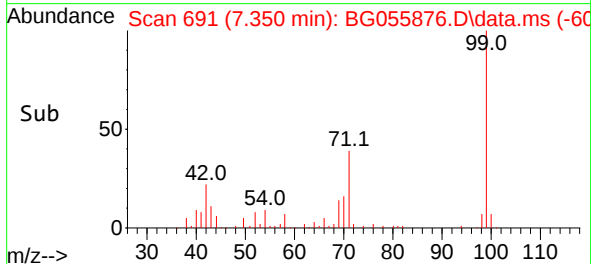
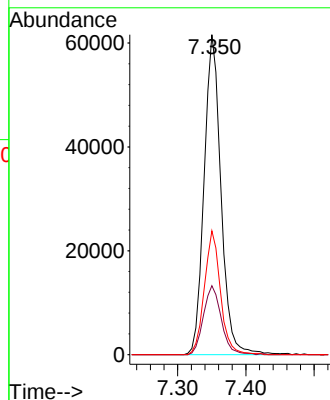
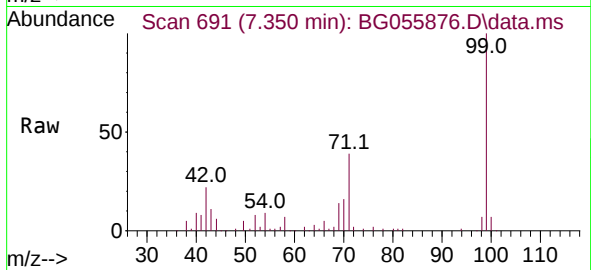




#7
Phenol-d6
Concen: 44.125 ng
RT: 7.350 min Scan# 69
Delta R.T. -0.009 min
Lab File: BG055876.D
Acq: 2 Dec 2022 16:25

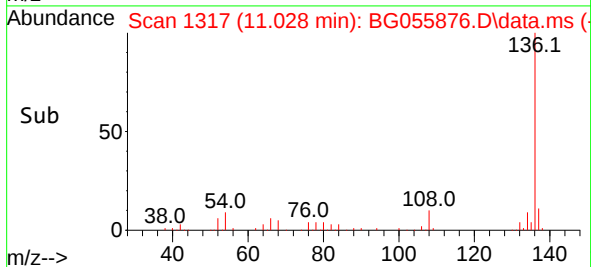
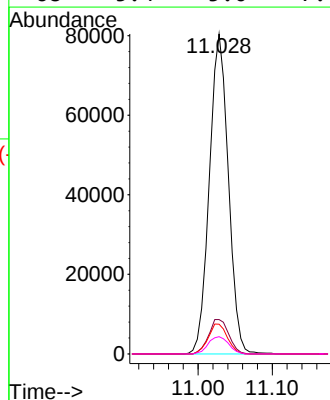
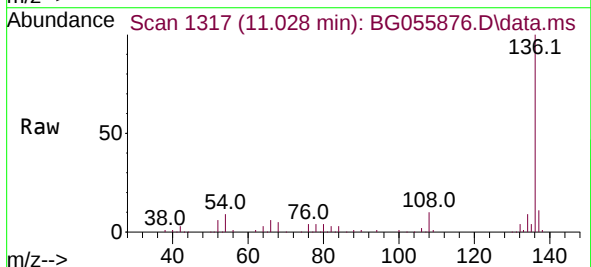
Instrument :
BNA_G
ClientSampleId :
COMP1-1201

Tgt Ion: 99 Resp: 105911
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 38.7 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.028 min Scan# 1317
Delta R.T. -0.009 min
Lab File: BG055876.D
Acq: 2 Dec 2022 16:25

Tgt Ion:136 Resp: 142868
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.3 7.8 11.6
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 84.118 ng

RT: 9.371 min Scan# 1045

Delta R.T. -0.015 min

Lab File: BG055876.D

Acq: 2 Dec 2022 16:25

Instrument :

BNA_G

ClientSampleId :

COMP1-1201

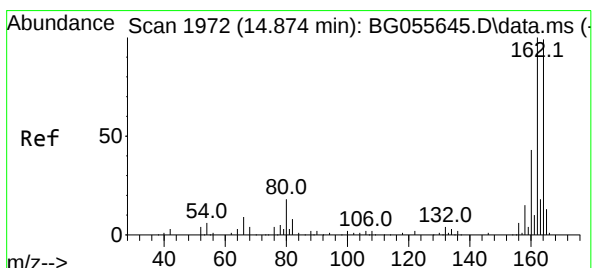
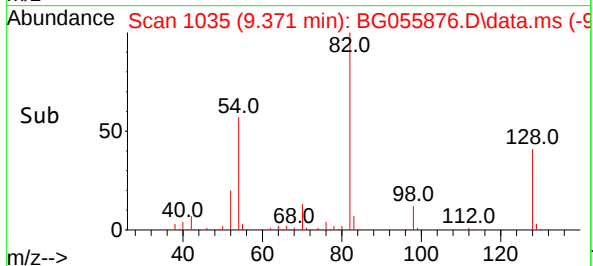
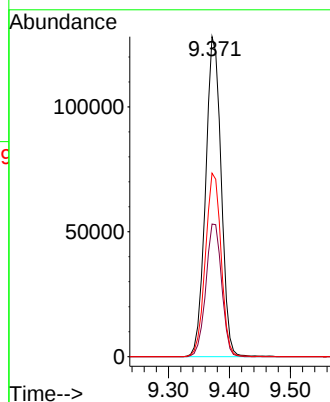
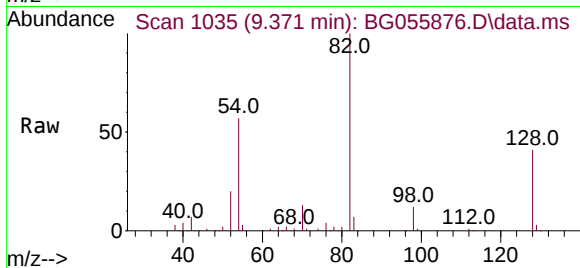
Tgt Ion: 82 Resp: 227374

Ion Ratio Lower Upper

82 100

128 41.4 34.1 51.1

54 57.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.830 min Scan# 1964

Delta R.T. -0.009 min

Lab File: BG055876.D

Acq: 2 Dec 2022 16:25

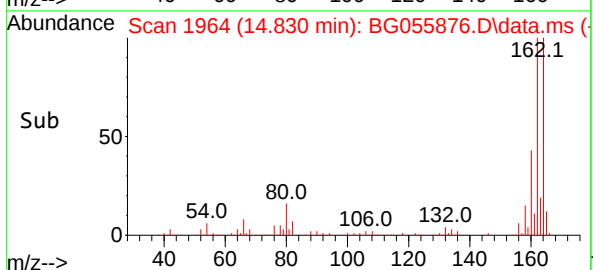
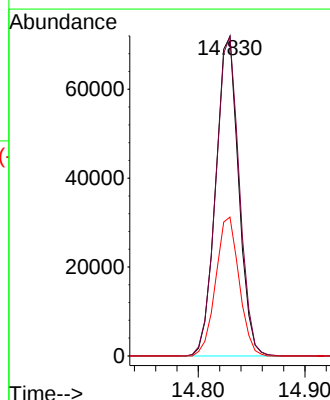
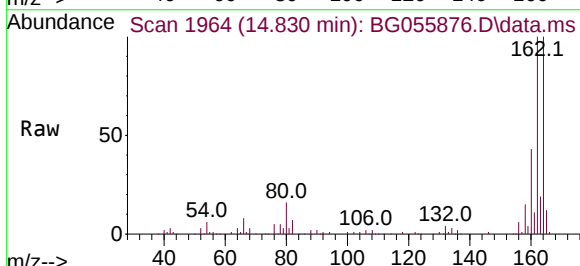
Tgt Ion:164 Resp: 107370

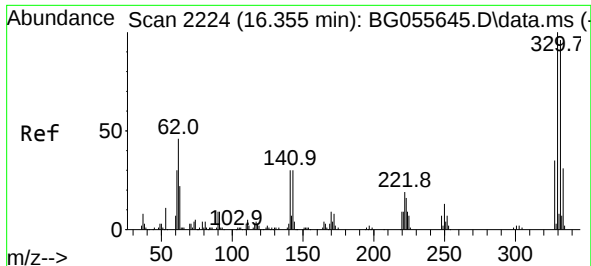
Ion Ratio Lower Upper

164 100

162 100.2 81.1 121.7

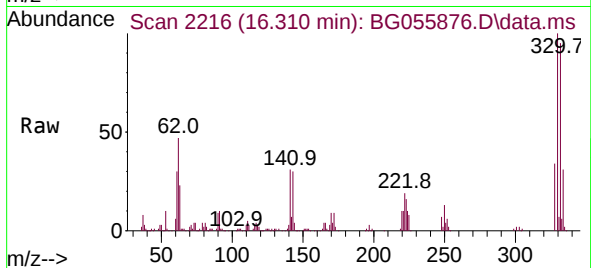
160 43.5 34.8 52.2



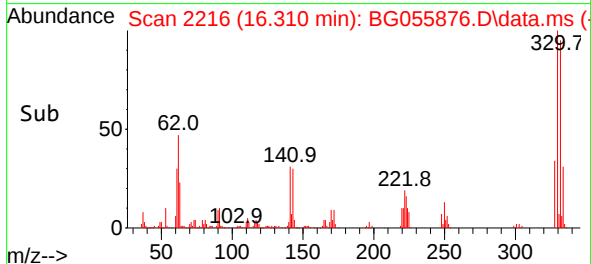
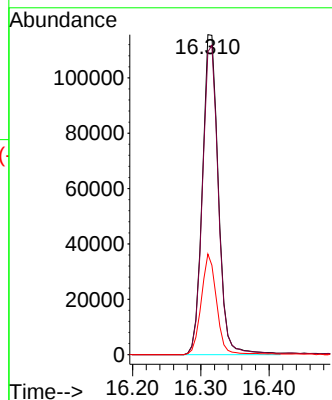


#42
2,4,6-Tribromophenol
Concen: 124.763 ng
RT: 16.310 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG055876.D
Acq: 2 Dec 2022 16:25

Instrument :
BNA_G
ClientSampleId :
COMP1-1201

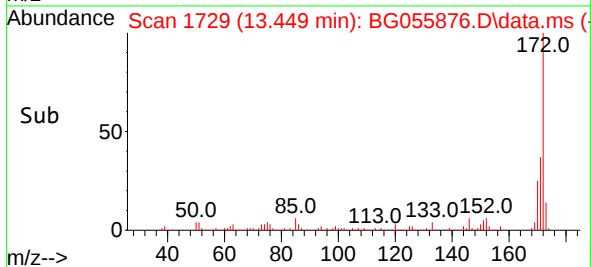
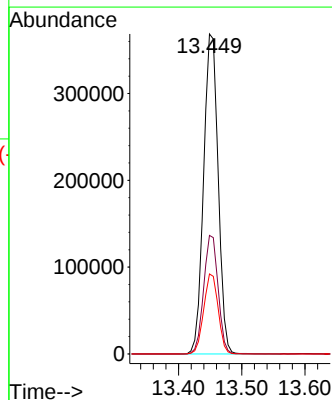
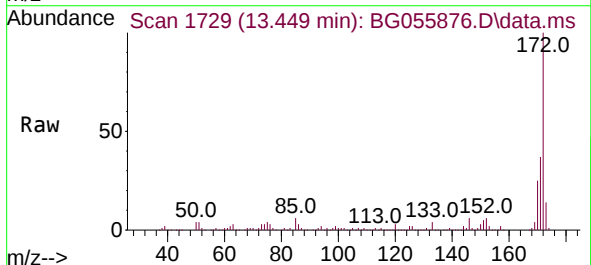


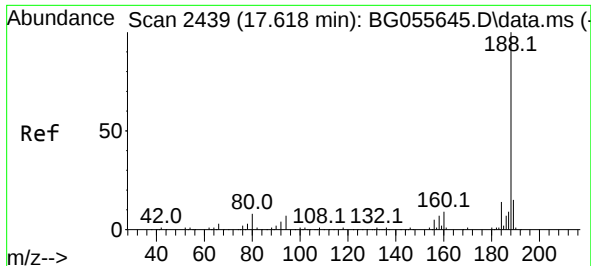
Tgt Ion:330 Resp: 188630
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 29.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 82.203 ng
RT: 13.449 min Scan# 1729
Delta R.T. -0.009 min
Lab File: BG055876.D
Acq: 2 Dec 2022 16:25

Tgt Ion:172 Resp: 589146
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 25.0 20.2 30.4

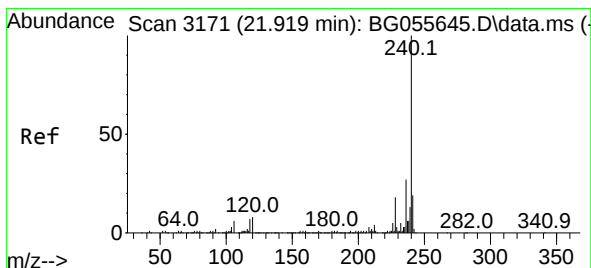
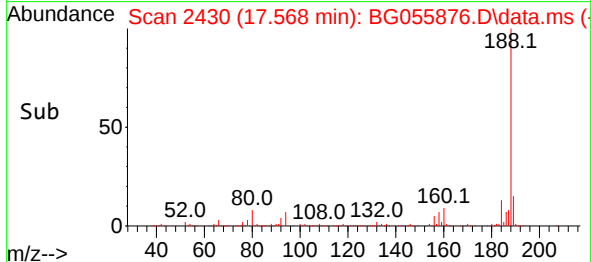
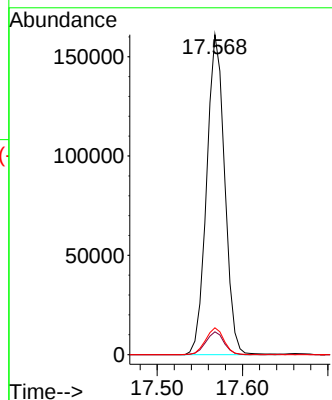
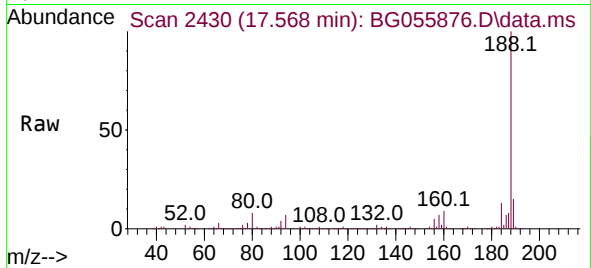




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG055876.D
Acq: 2 Dec 2022 16:25

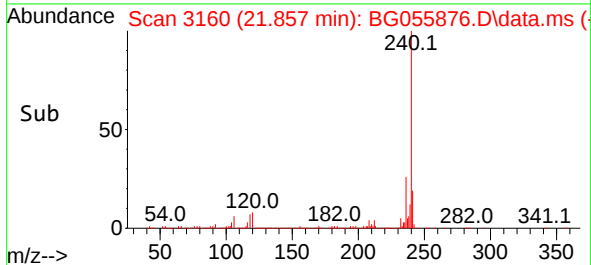
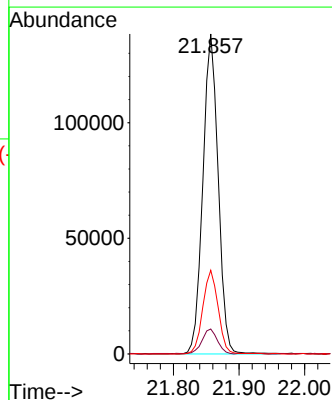
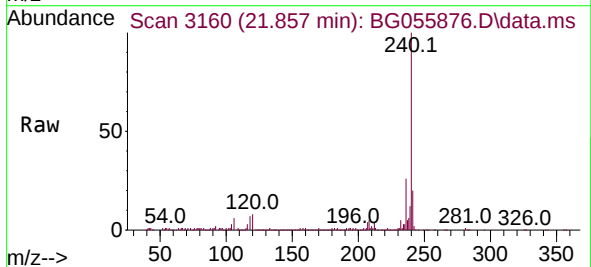
Instrument :
BNA_G
ClientSampleId :
COMP1-1201

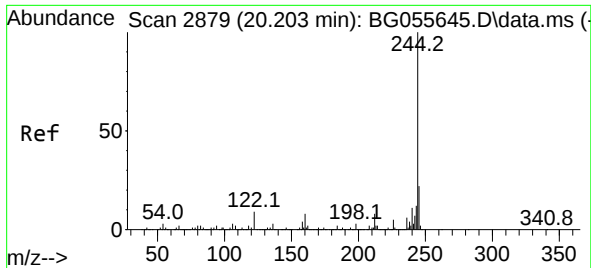
Tgt Ion:188 Resp: 236318
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.857 min Scan# 3160
Delta R.T. -0.009 min
Lab File: BG055876.D
Acq: 2 Dec 2022 16:25

Tgt Ion:240 Resp: 223295
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.1 21.9 32.9

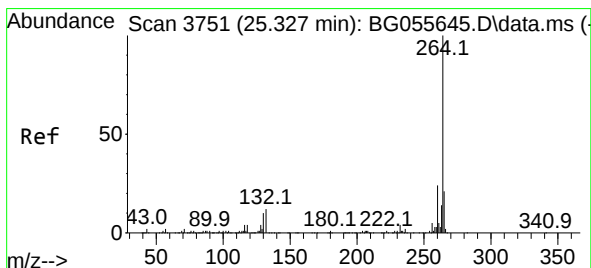
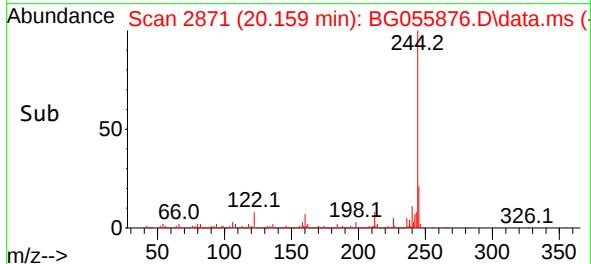
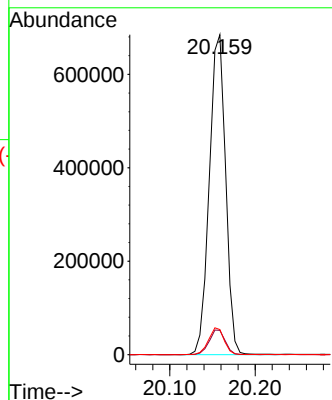
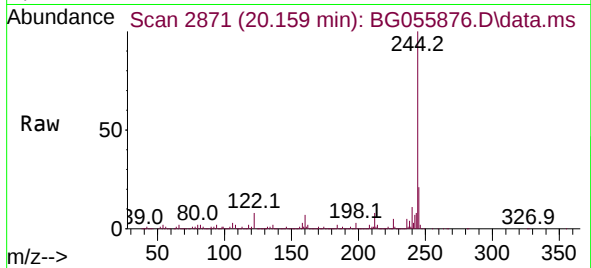




#79
 Terphenyl-d14
 Concen: 81.413 ng
 RT: 20.159 min Scan# 2879
 Delta R.T. -0.003 min
 Lab File: BG055876.D
 Acq: 2 Dec 2022 16:25

Instrument :
 BNA_G
 ClientSampleId :
 COMP1-1201

Tgt Ion:244 Resp: 908897
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 7.8 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.235 min Scan# 3735
 Delta R.T. -0.015 min
 Lab File: BG055876.D
 Acq: 2 Dec 2022 16:25

Tgt Ion:264 Resp: 236048
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.3 17.1 25.7

