

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
 Data File : BG055403.D
 Acq On : 1 Nov 2022 21:59
 Operator : CG/JU
 Sample : PB148604TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148604TB

Quant Time: Nov 02 05:41:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	22996	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	104246	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	79543	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	202775	20.000	ng	0.00
76) Chrysene-d12	21.862	240	207630	20.000	ng	0.00
86) Perylene-d12	25.235	264	219751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.769	112	213056	166.384	ng	0.00
7) Phenol-d6	7.391	99	286175	161.158	ng	0.00
23) Nitrobenzene-d5	9.418	82	170801	87.321	ng	0.00
42) 2,4,6-Tribromophenol	16.339	330	163663	150.844	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	465515	86.771	ng	0.00
79) Terphenyl-d14	20.170	244	988233	92.552	ng	0.00

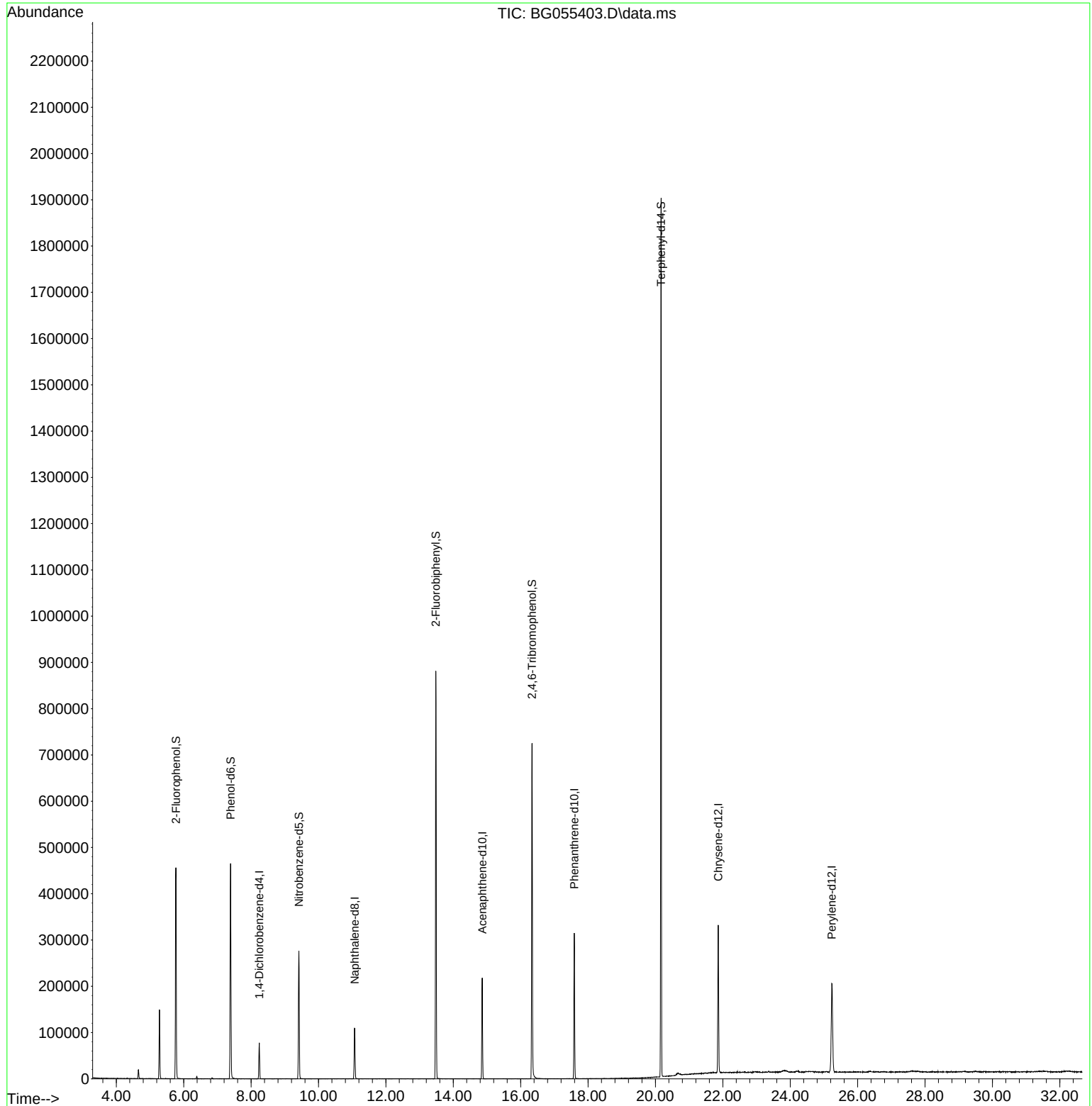
Target Compounds	Qvalue

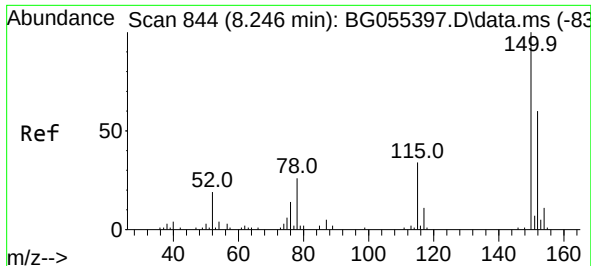
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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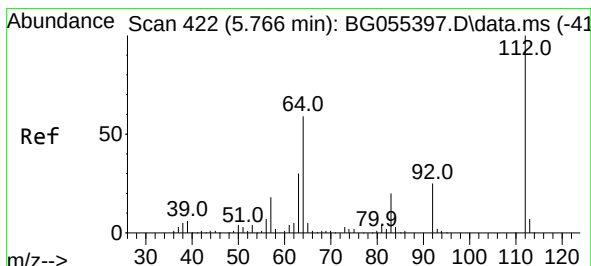
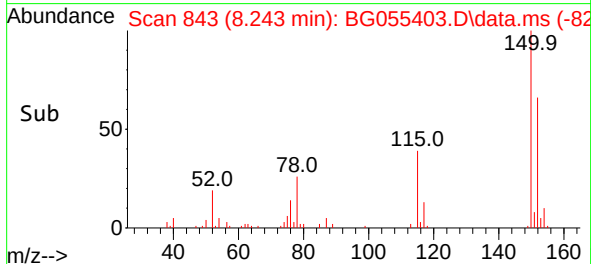
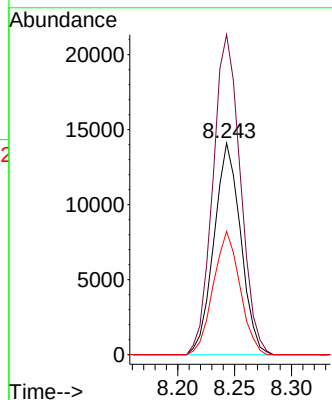
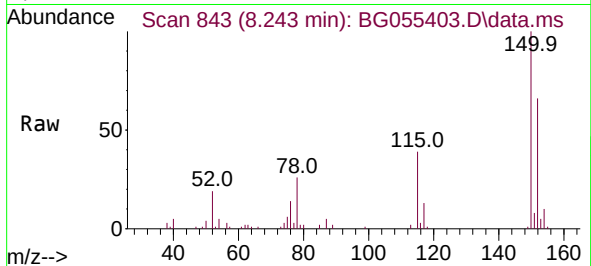




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.243 min Scan# 844
Delta R.T. -0.003 min
Lab File: BG055403.D
Acq: 1 Nov 2022 21:59

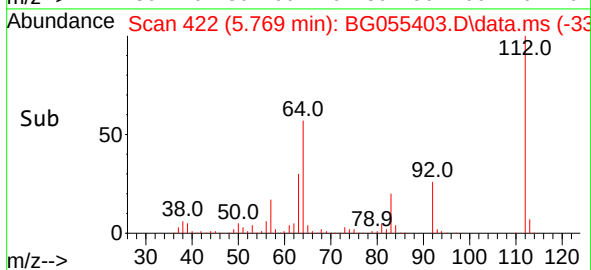
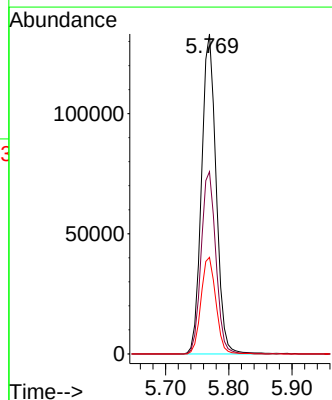
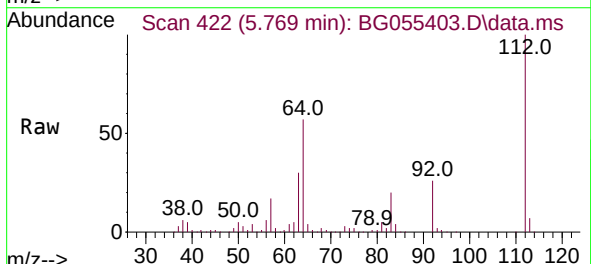
Instrument :
BNA_G
ClientSampleId :
PB148604TB

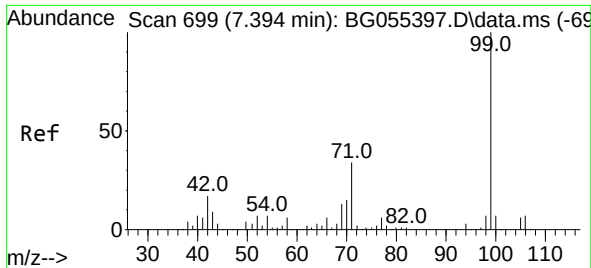
Tgt Ion:152 Resp: 22996
Ion Ratio Lower Upper
152 100
150 151.3 132.8 199.2
115 58.3 45.1 67.7



#5
2-Fluorophenol
Concen: 166.384 ng
RT: 5.769 min Scan# 422
Delta R.T. 0.003 min
Lab File: BG055403.D
Acq: 1 Nov 2022 21:59

Tgt Ion:112 Resp: 213056
Ion Ratio Lower Upper
112 100
64 56.9 47.2 70.8
63 30.2 24.3 36.5

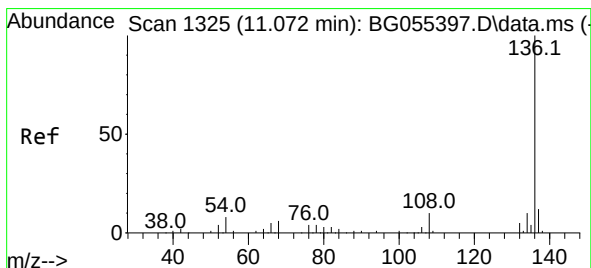
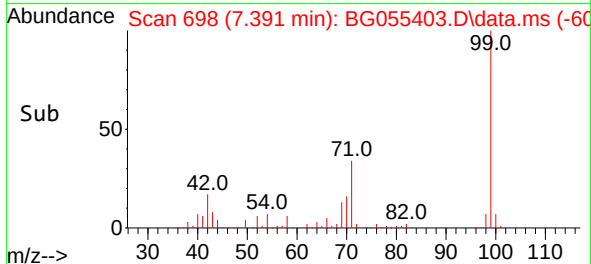
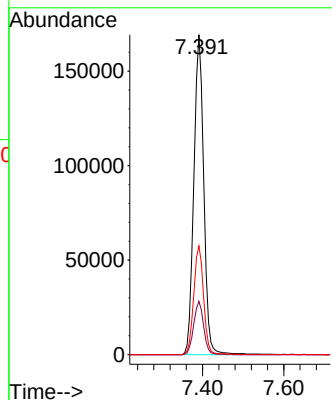
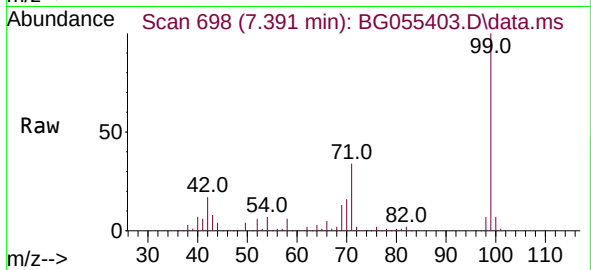




#7
Phenol-d6
Concen: 161.158 ng
RT: 7.391 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG055403.D
Acq: 1 Nov 2022 21:59

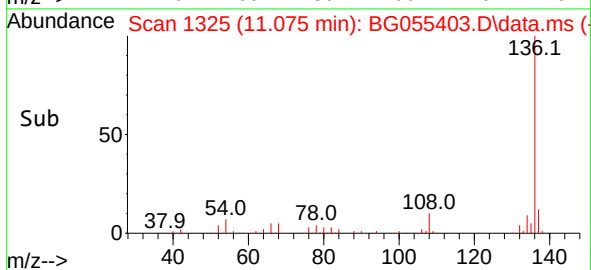
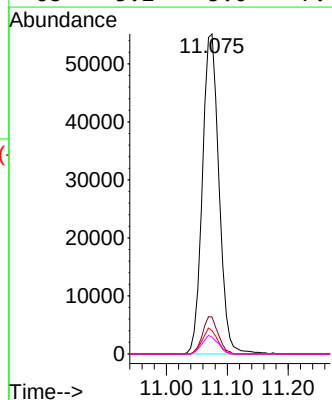
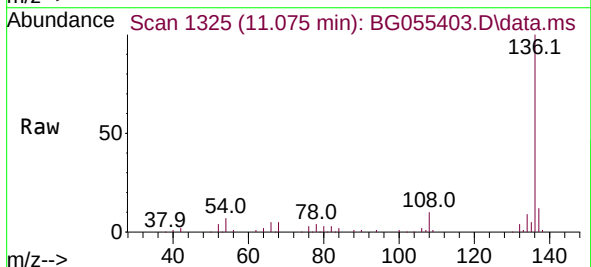
Instrument :
BNA_G
ClientSampleId :
PB148604TB

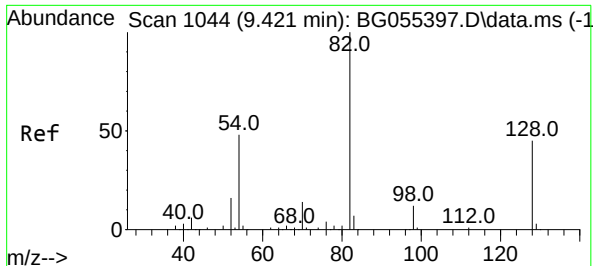
Tgt Ion: 99 Resp: 286175
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 34.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1325
Delta R.T. 0.003 min
Lab File: BG055403.D
Acq: 1 Nov 2022 21:59

Tgt Ion: 136 Resp: 104246
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 7.2 6.1 9.1
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 87.321 ng

RT: 9.418 min Scan# 1043

Delta R.T. -0.003 min

Lab File: BG055403.D

Acq: 1 Nov 2022 21:59

Instrument :

BNA_G

ClientSampleId :

PB148604TB

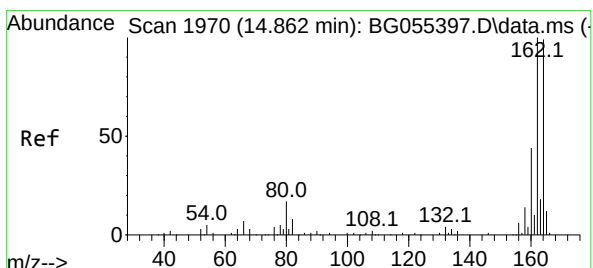
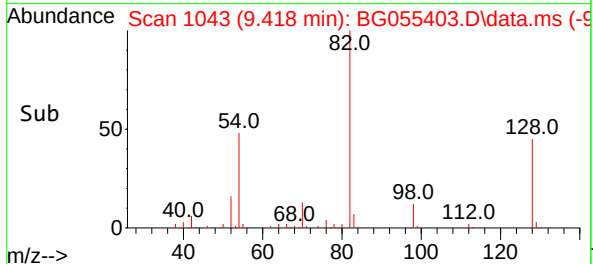
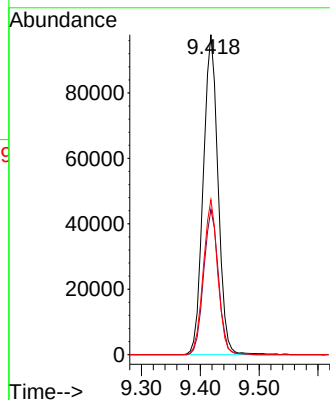
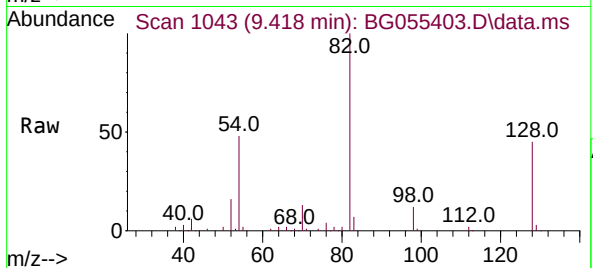
Tgt Ion: 82 Resp: 170801

Ion Ratio Lower Upper

82 100

128 45.4 35.8 53.8

54 48.4 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.859 min Scan# 1969

Delta R.T. -0.003 min

Lab File: BG055403.D

Acq: 1 Nov 2022 21:59

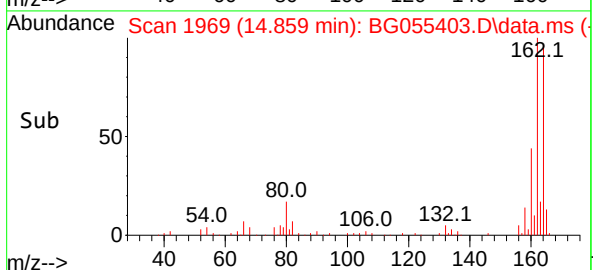
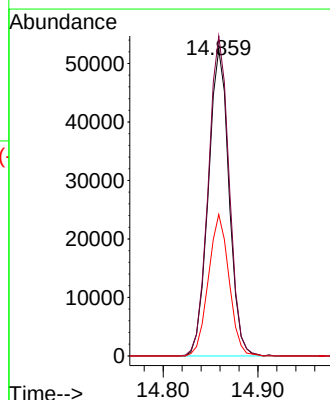
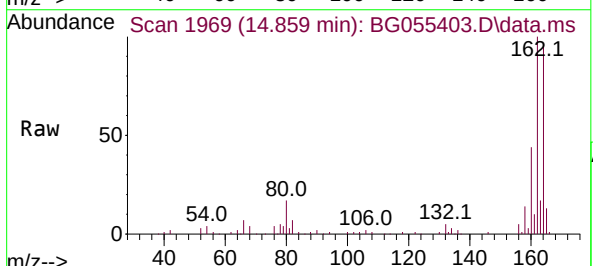
Tgt Ion: 164 Resp: 79543

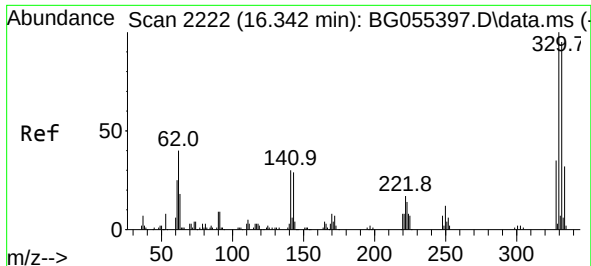
Ion Ratio Lower Upper

164 100

162 104.4 81.1 121.7

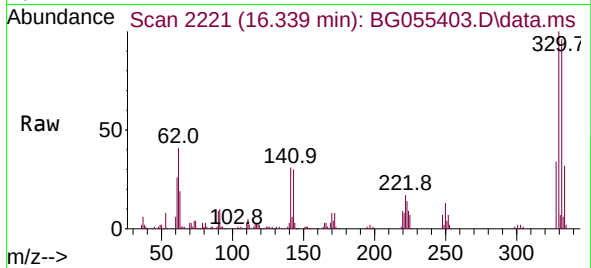
160 46.1 35.8 53.6



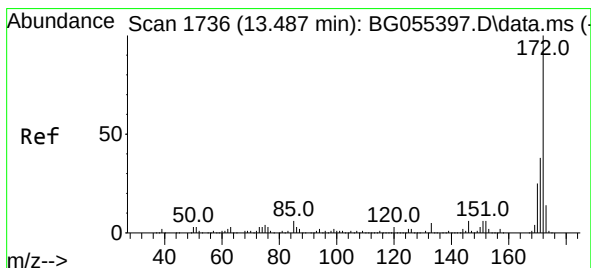
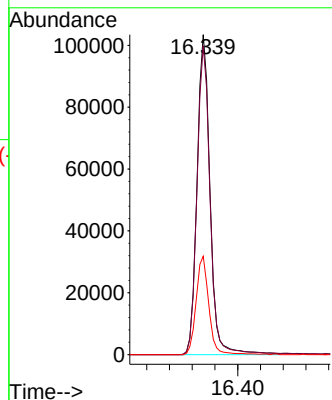
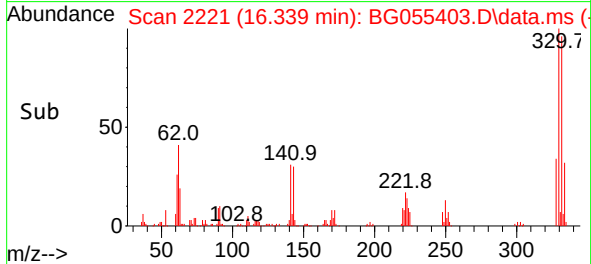


#42
2,4,6-Tribromophenol
Concen: 150.844 ng
RT: 16.339 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055403.D
Acq: 1 Nov 2022 21:59

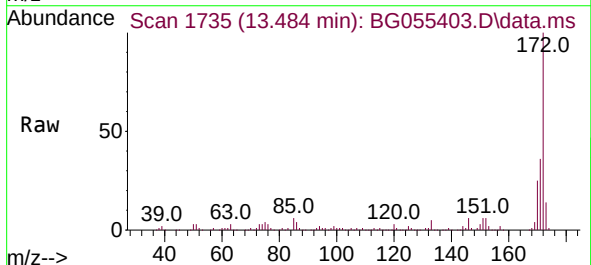
Instrument :
BNA_G
ClientSampleId :
PB148604TB



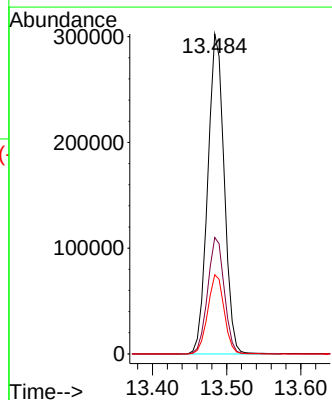
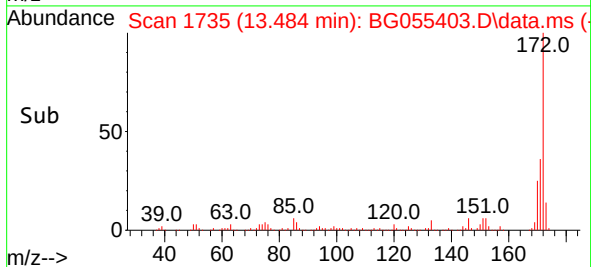
Tgt Ion:330 Resp: 163663
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 30.1 24.2 36.2

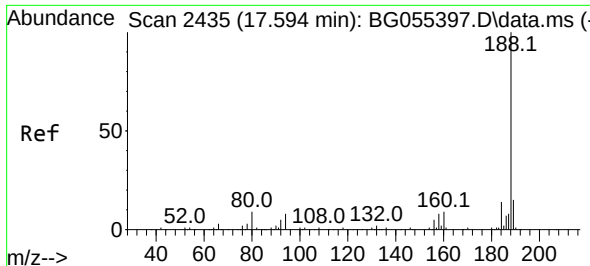


#45
2-Fluorobiphenyl
Concen: 86.771 ng
RT: 13.484 min Scan# 1735
Delta R.T. -0.003 min
Lab File: BG055403.D
Acq: 1 Nov 2022 21:59



Tgt Ion:172 Resp: 465515
Ion Ratio Lower Upper
172 100
171 36.4 30.2 45.2
170 24.7 20.2 30.2

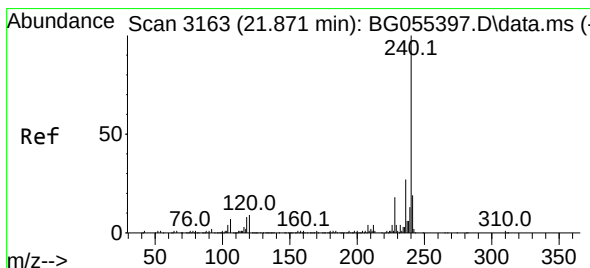
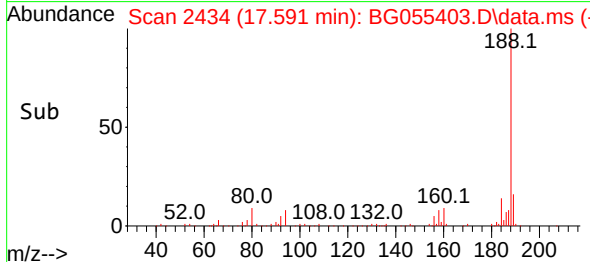
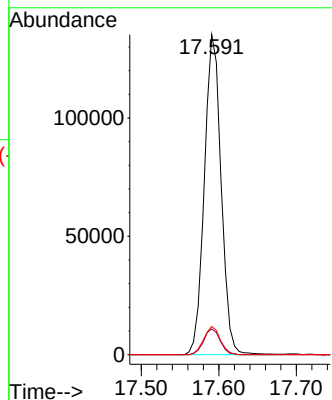
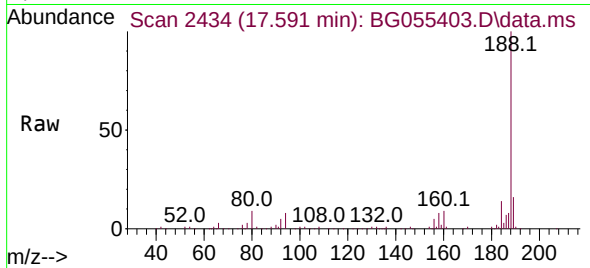




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.591 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BG055403.D
Acq: 1 Nov 2022 21:59

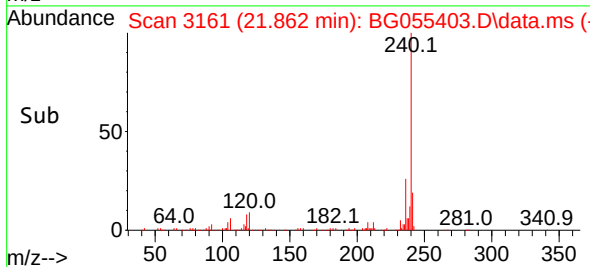
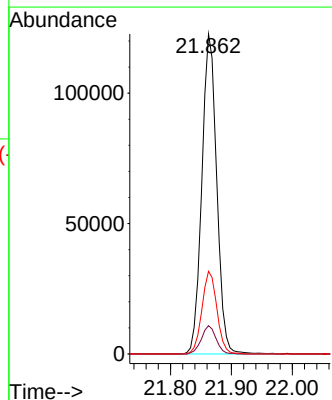
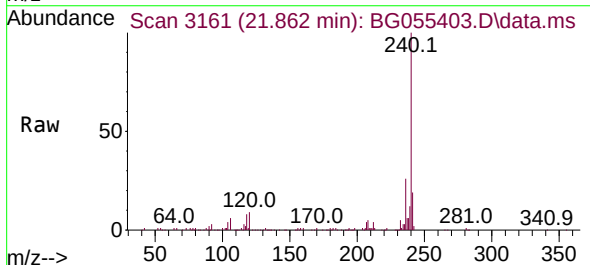
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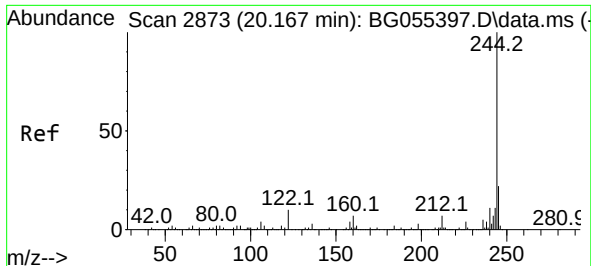
Tgt Ion:188 Resp: 202775
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.8 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.862 min Scan# 3161
Delta R.T. -0.009 min
Lab File: BG055403.D
Acq: 1 Nov 2022 21:59

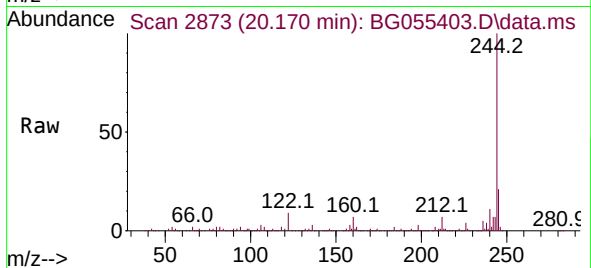
Tgt Ion:240 Resp: 207630
Ion Ratio Lower Upper
240 100
120 8.8 6.9 10.3
236 25.8 21.5 32.3



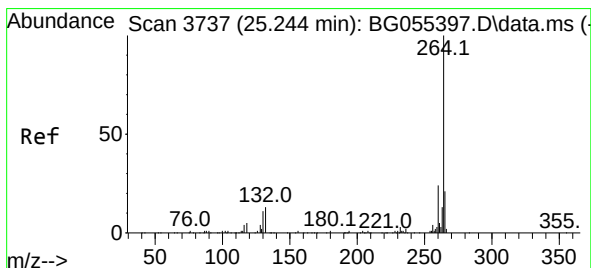
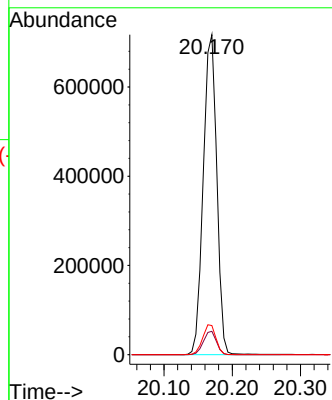
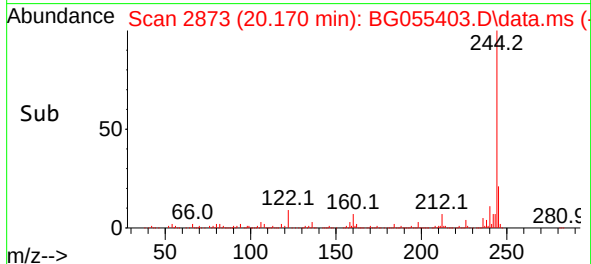


#79
 Terphenyl-d14
 Concen: 92.552 ng
 RT: 20.170 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055403.D
 Acq: 1 Nov 2022 21:59

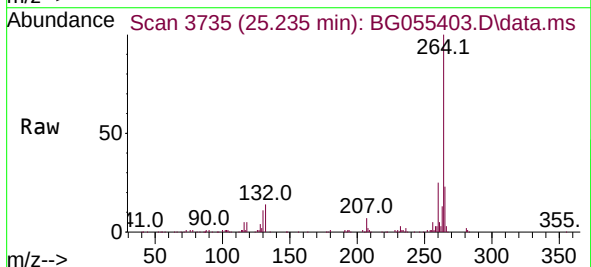
Instrument :
 BNA_G
 ClientSampleId :
 PB148604TB



Tgt Ion:244 Resp: 988233
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.1 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.235 min Scan# 3735
 Delta R.T. -0.009 min
 Lab File: BG055403.D
 Acq: 1 Nov 2022 21:59



Tgt Ion:264 Resp: 219751
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.9 28.3
 265 22.8 17.1 25.7

