

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055462.D
 Acq On : 4 Nov 2022 20:35
 Operator : CG/JU
 Sample : N5435-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PTS-TP-COMP-1103

Quant Time: Nov 05 00:05:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	24532	20.000	ng	0.00
21) Naphthalene-d8	11.058	136	100119	20.000	ng	0.00
39) Acenaphthene-d10	14.847	164	71056	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	182360	20.000	ng	0.00
76) Chrysene-d12	21.851	240	200245	20.000	ng	0.00
86) Perylene-d12	25.218	264	212033	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	188642	138.094	ng	0.00
7) Phenol-d6	7.380	99	224159	118.330	ng	0.00
23) Nitrobenzene-d5	9.407	82	162862	86.694	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	153581	158.458	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	412542	86.081	ng	0.00
79) Terphenyl-d14	20.159	244	924602	89.786	ng	0.00

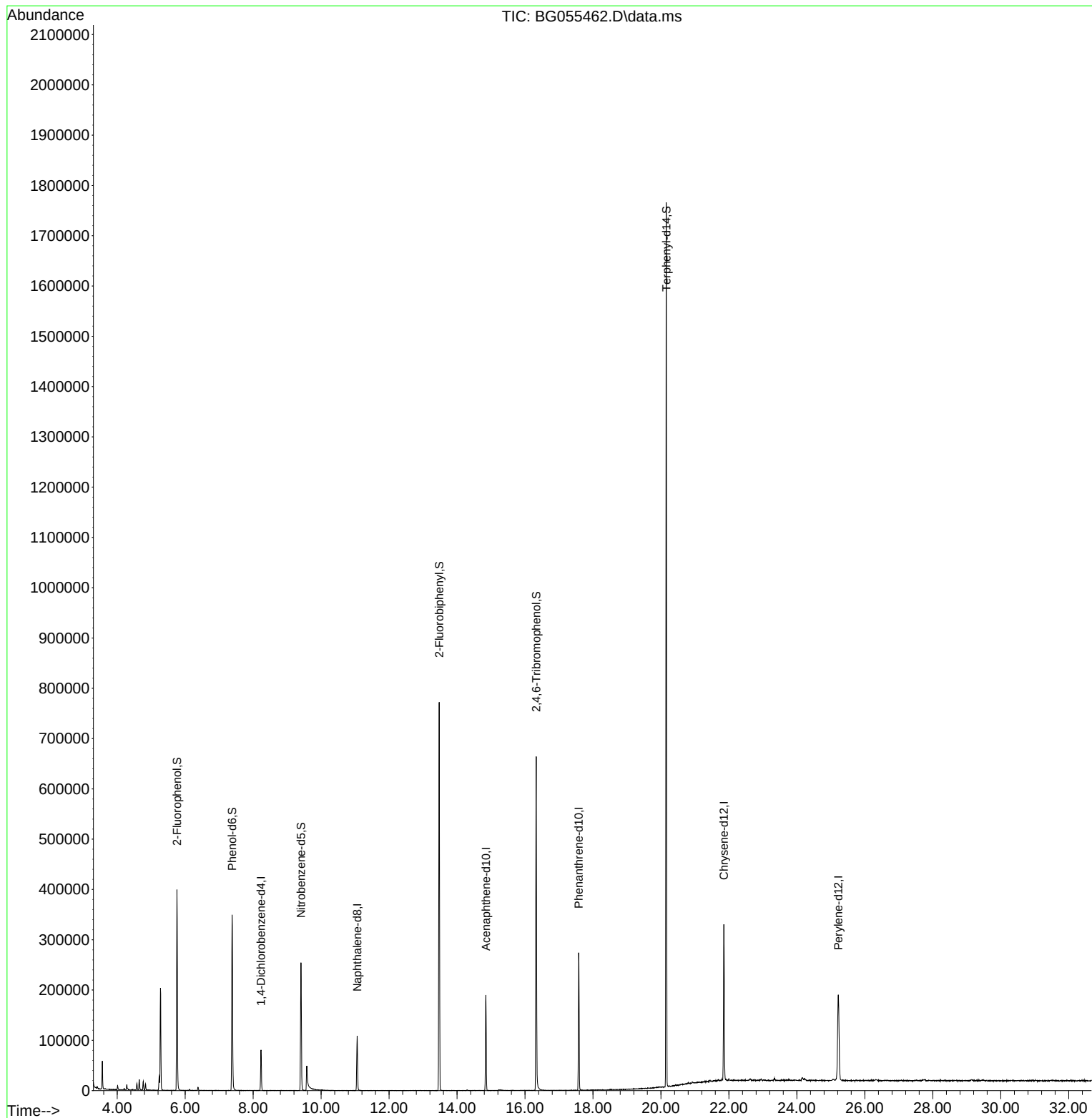
Target Compounds Qvalue

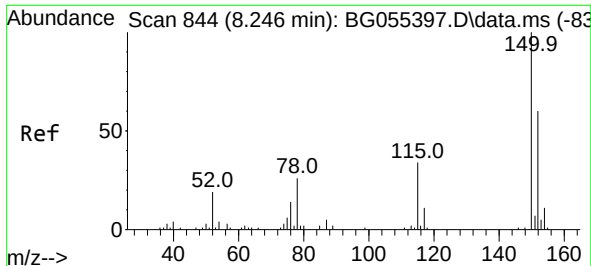
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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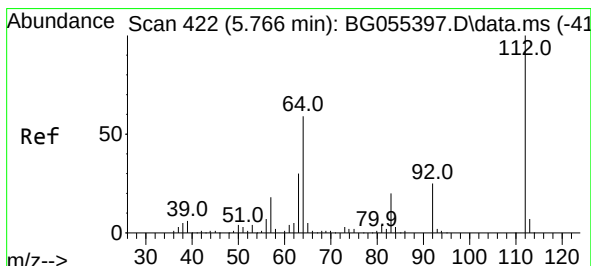
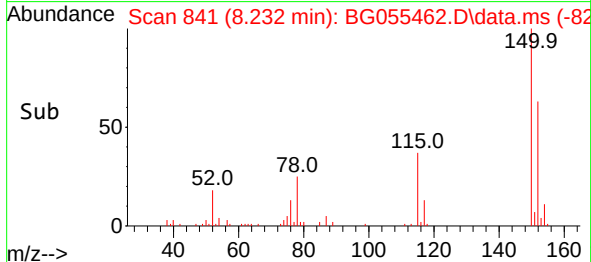
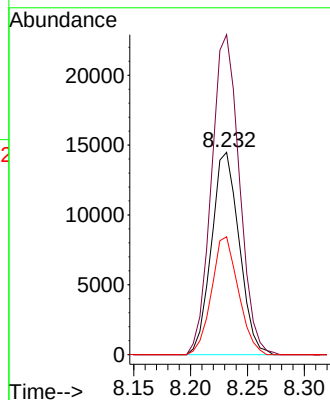
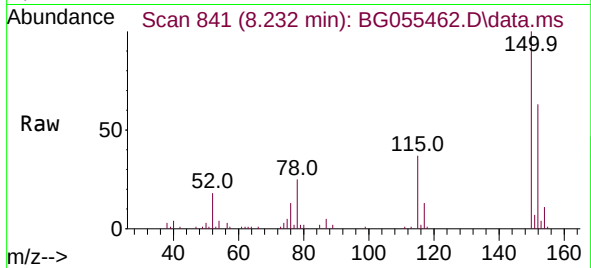




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.232 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

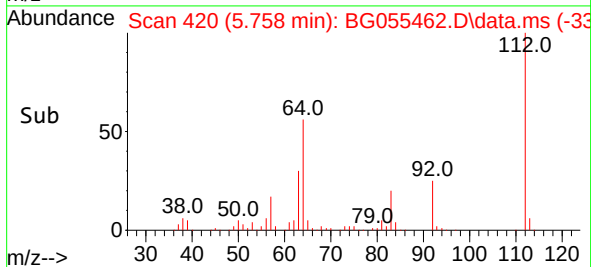
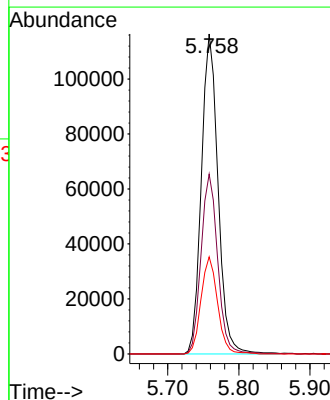
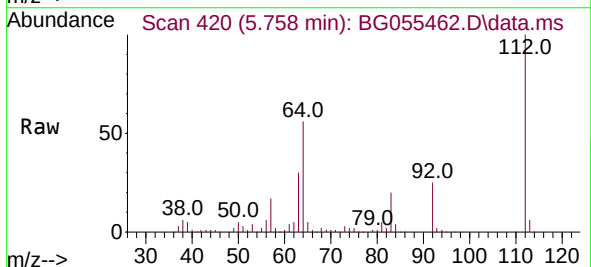
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

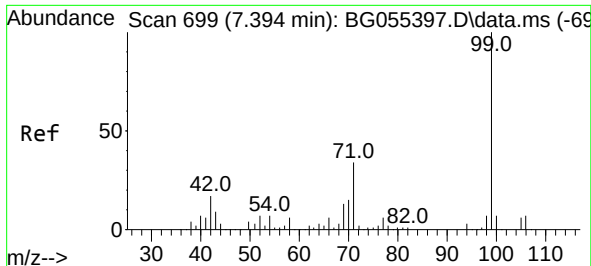
Tgt Ion:152 Resp: 24532
Ion Ratio Lower Upper
152 100
150 158.1 132.8 199.2
115 58.2 45.1 67.7



#5
2-Fluorophenol
Concen: 138.094 ng
RT: 5.758 min Scan# 420
Delta R.T. -0.004 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion:112 Resp: 188642
Ion Ratio Lower Upper
112 100
64 56.2 47.2 70.8
63 30.3 24.3 36.5

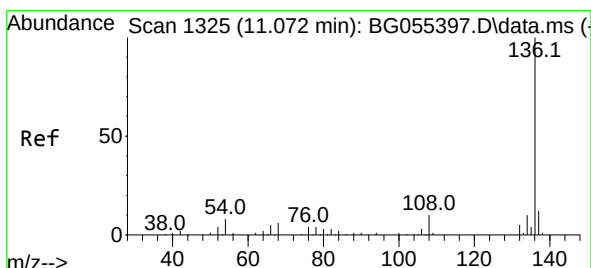
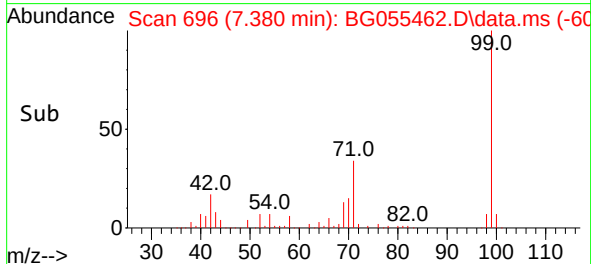
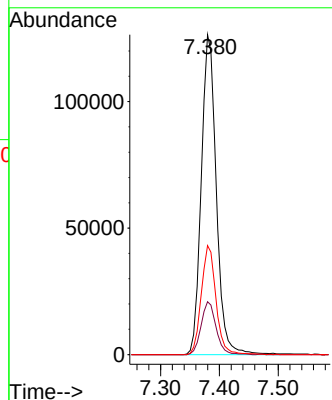
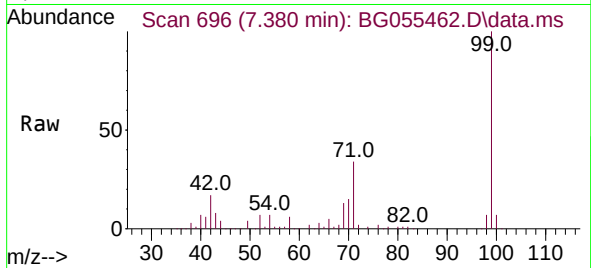




#7
Phenol-d6
Concen: 118.330 ng
RT: 7.380 min Scan# 699
Delta R.T. -0.004 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

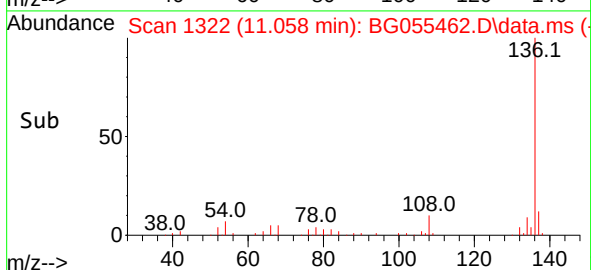
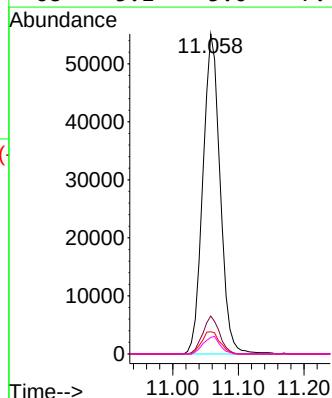
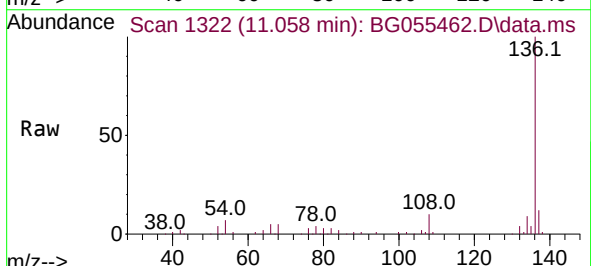
Instrument :
BNA_G
ClientSampleId :
PTS-TP-COMP-1103

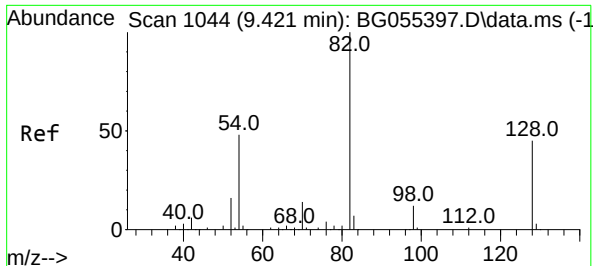
Tgt Ion: 99 Resp: 224159
Ion Ratio Lower Upper
99 100
42 16.5 13.5 20.3
71 34.1 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.058 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion: 136 Resp: 100119
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 6.9 6.1 9.1
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.694 ng

RT: 9.407 min Scan# 1044

Delta R.T. -0.004 min

Lab File: BG055462.D

Acq: 4 Nov 2022 20:35

Instrument :

BNA_G

ClientSampleId :

PTS-TP-COMP-1103

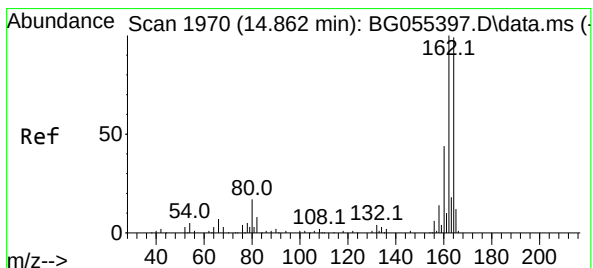
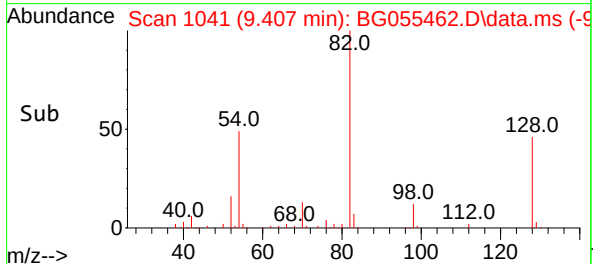
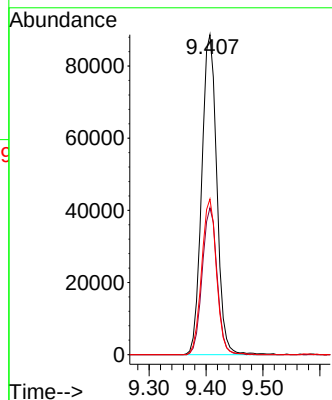
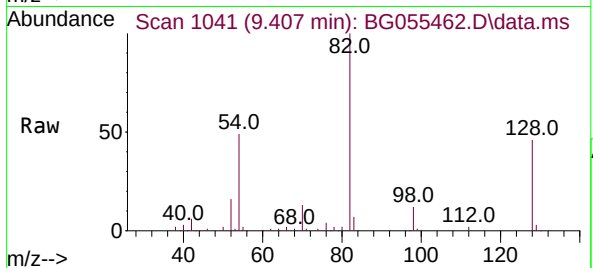
Tgt Ion: 82 Resp: 162862

Ion Ratio Lower Upper

82 100

128 45.9 35.8 53.8

54 48.6 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.847 min Scan# 1967

Delta R.T. -0.010 min

Lab File: BG055462.D

Acq: 4 Nov 2022 20:35

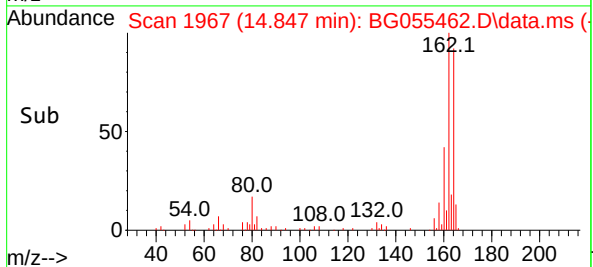
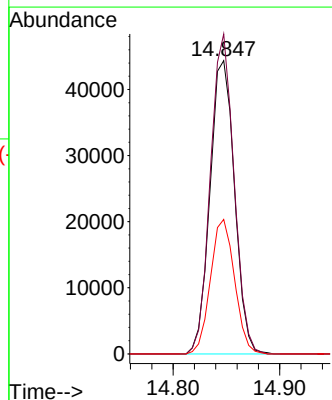
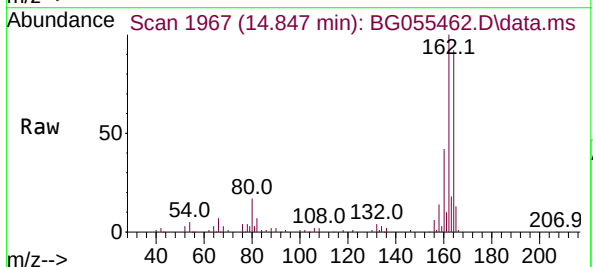
Tgt Ion: 164 Resp: 71056

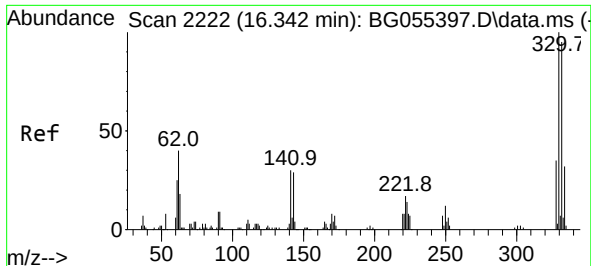
Ion Ratio Lower Upper

164 100

162 109.1 81.1 121.7

160 45.9 35.8 53.6

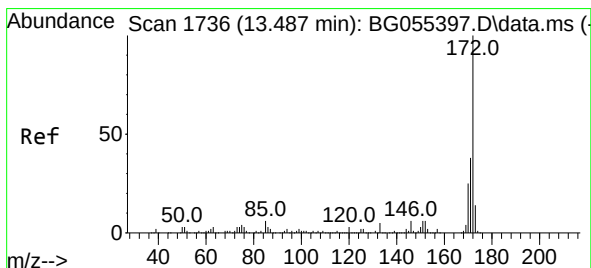
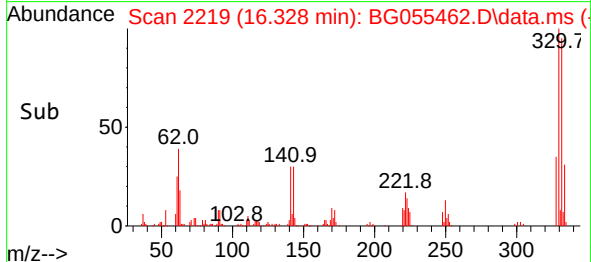
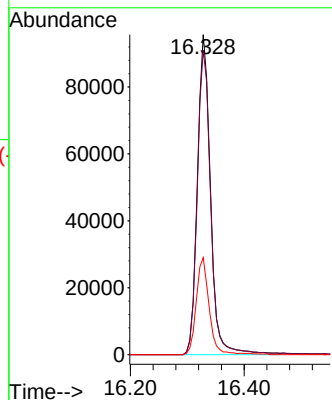
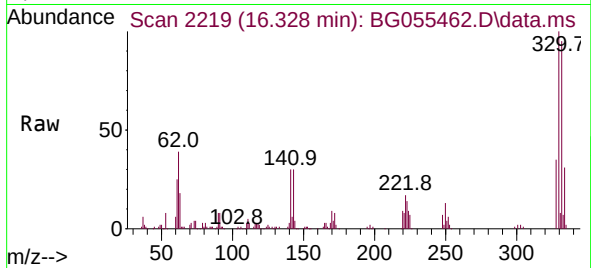




#42
2,4,6-Tribromophenol
Concen: 158.458 ng
RT: 16.328 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

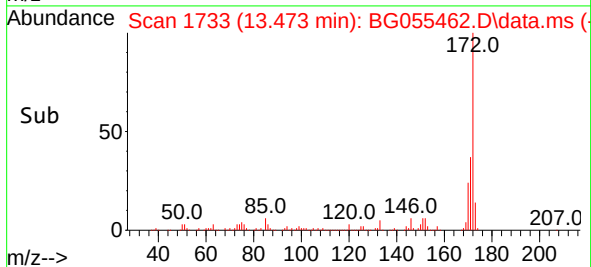
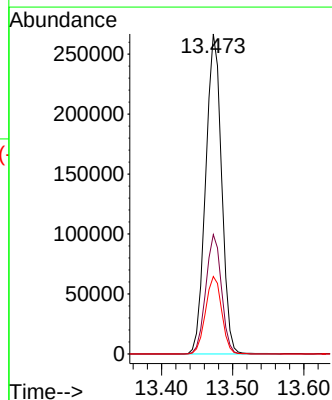
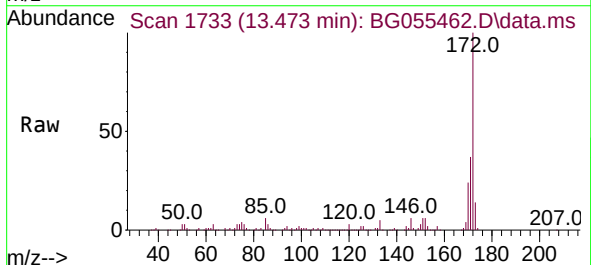
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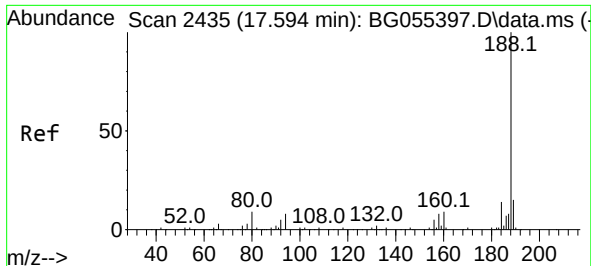
Tgt Ion:330 Resp: 153581
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 29.7 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 86.081 ng
RT: 13.473 min Scan# 1733
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

Tgt Ion:172 Resp: 412542
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.2
170 24.2 20.2 30.2

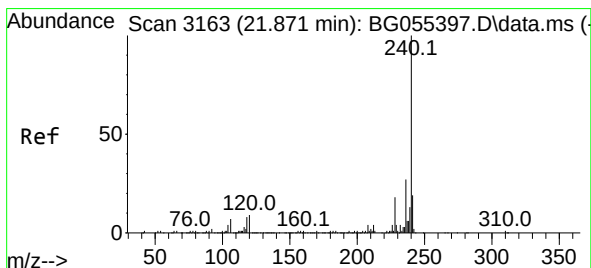
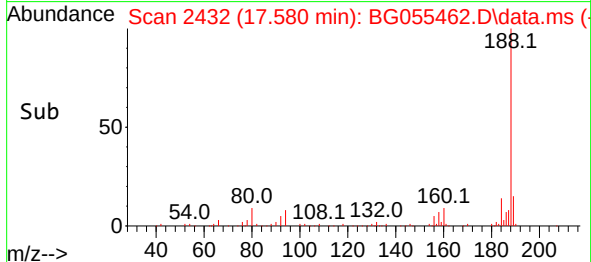
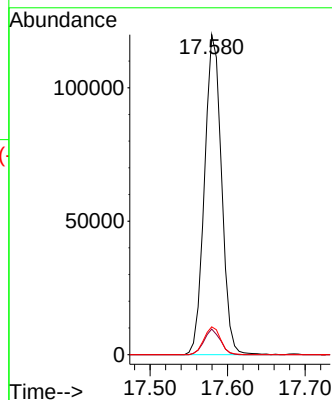
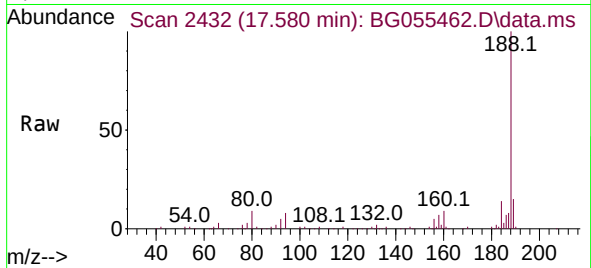




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.580 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

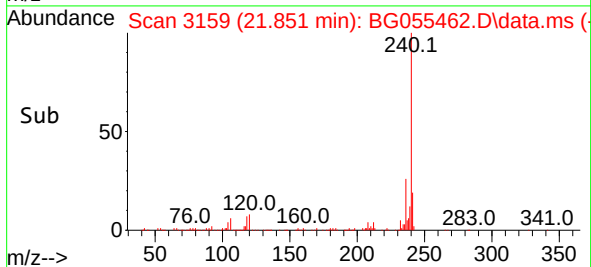
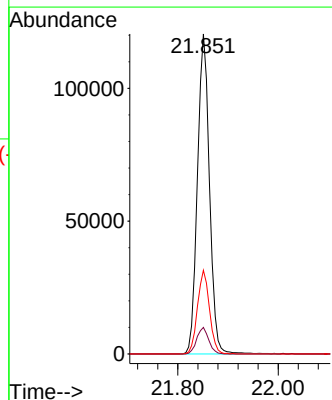
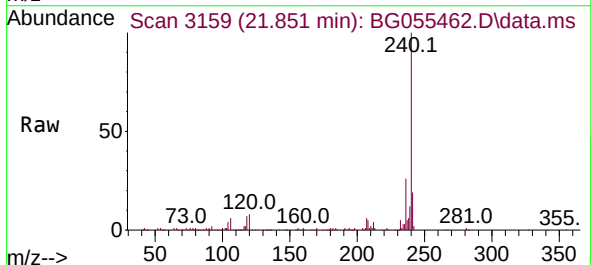
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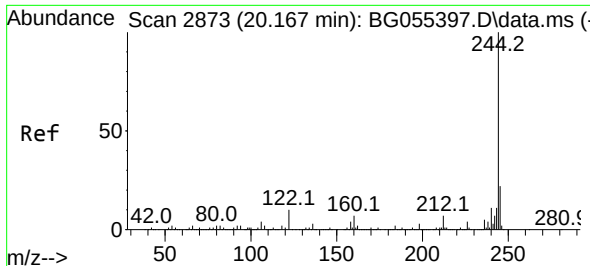
Tgt Ion:188 Resp: 182360
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.7 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3159
Delta R.T. -0.010 min
Lab File: BG055462.D
Acq: 4 Nov 2022 20:35

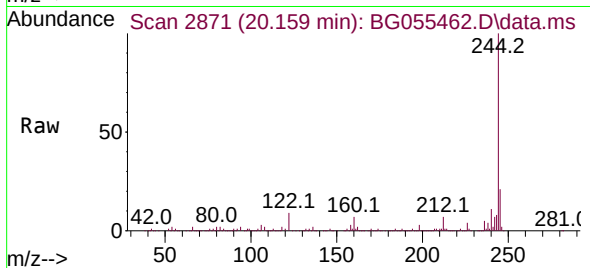
Tgt Ion:240 Resp: 200245
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.1 21.5 32.3



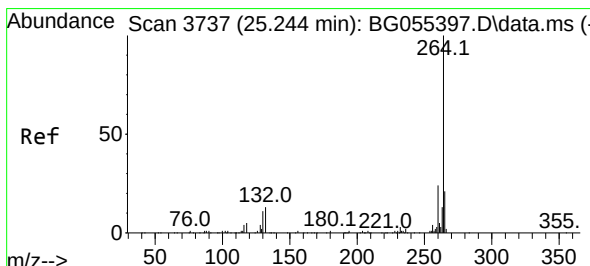
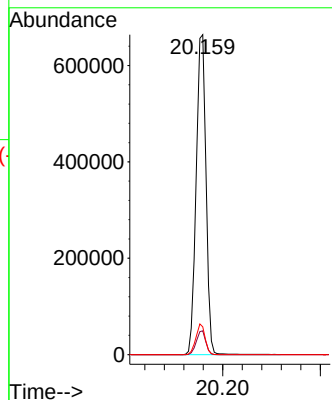
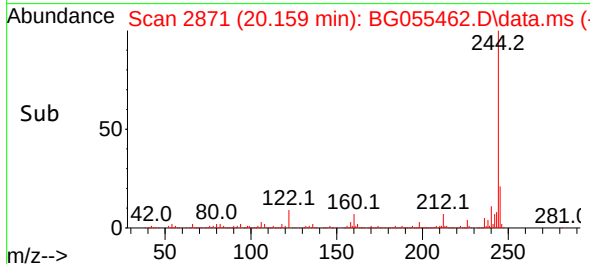


#79
 Terphenyl-d14
 Concen: 89.786 ng
 RT: 20.159 min Scan# 2871
 Delta R.T. -0.004 min
 Lab File: BG055462.D
 Acq: 4 Nov 2022 20:35

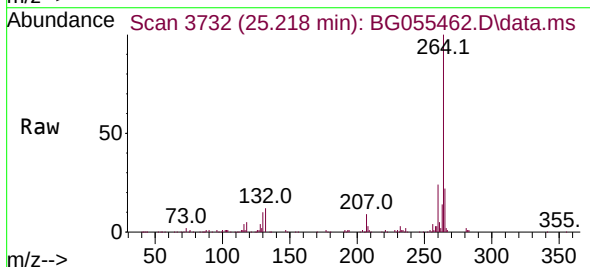
Instrument :
 BNA_G
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 PTS-TP-COMP-1103



Tgt Ion:244 Resp: 924602
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 8.7 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.218 min Scan# 3732
 Delta R.T. -0.016 min
 Lab File: BG055462.D
 Acq: 4 Nov 2022 20:35



Tgt Ion:264 Resp: 212033
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 21.9 17.1 25.7

