

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055464.D
 Acq On : 4 Nov 2022 22:00
 Operator : CG/JU
 Sample : N5418-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-L

Quant Time: Nov 05 00:05:44 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	8.234	152	25196	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	100951	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	69964	20.000	ng	-0.01
64) Phenanthrene-d10	17.582	188	181695	20.000	ng	0.00
76) Chrysene-d12	21.853	240	197856	20.000	ng	0.00
86) Perylene-d12	25.220	264	208230	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.760	112	212922	151.760	ng	0.00
7) Phenol-d6	7.382	99	255877	131.514	ng	0.00
23) Nitrobenzene-d5	9.409	82	178289	94.124	ng	0.00
42) 2,4,6-Tribromophenol	16.330	330	163792	171.631	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	454919	96.405	ng	0.00
79) Terphenyl-d14	20.155	244	966356	94.974	ng	0.00

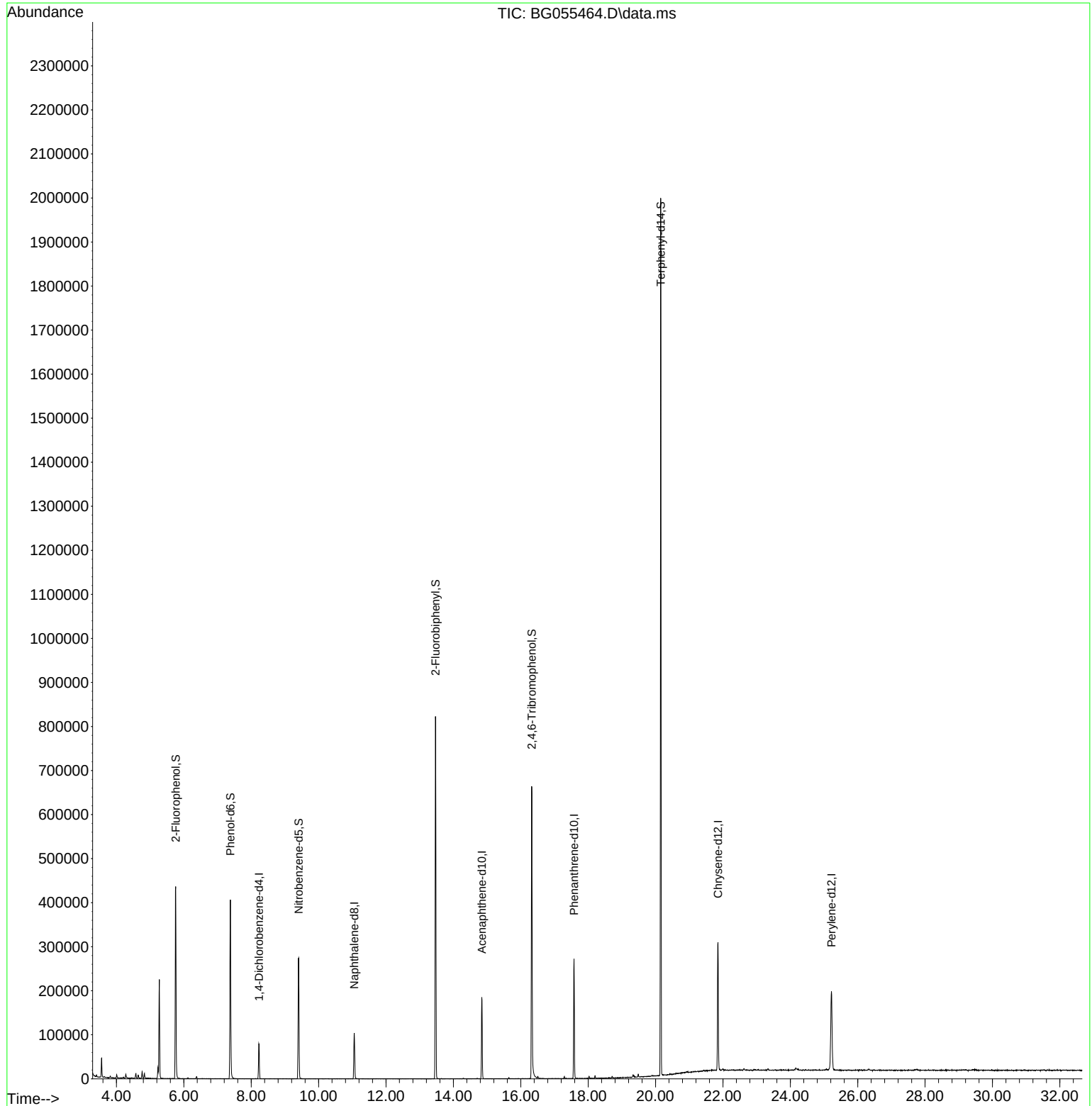
Target Compounds Qvalue

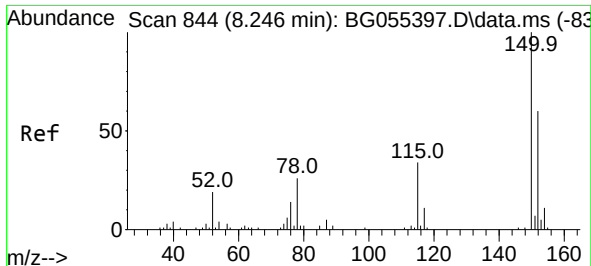
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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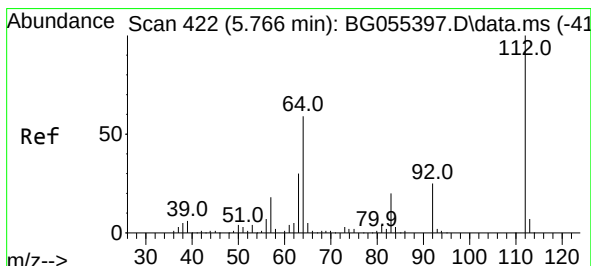
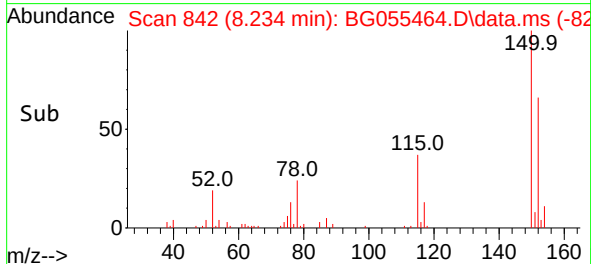
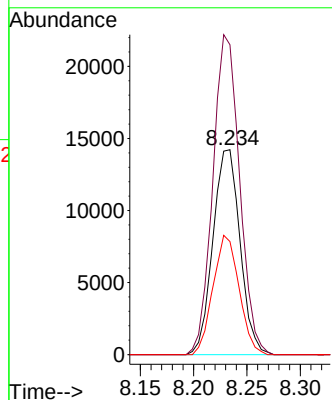
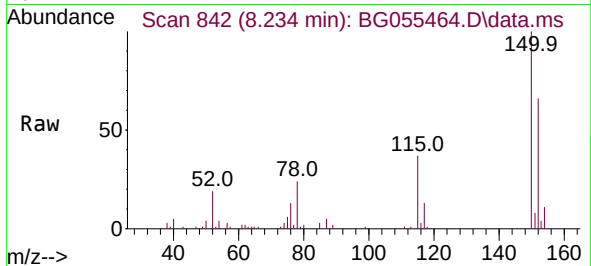




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

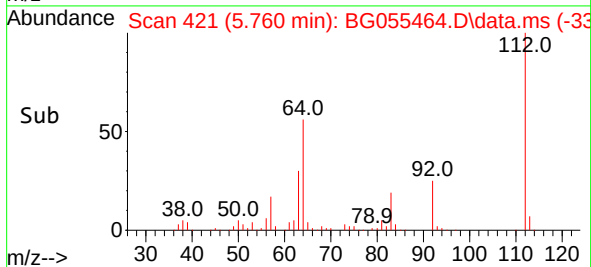
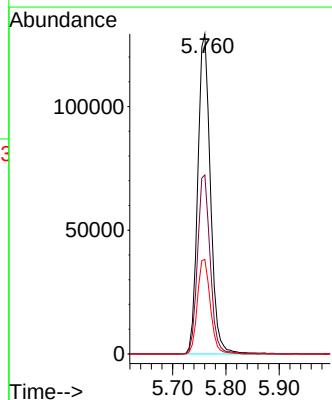
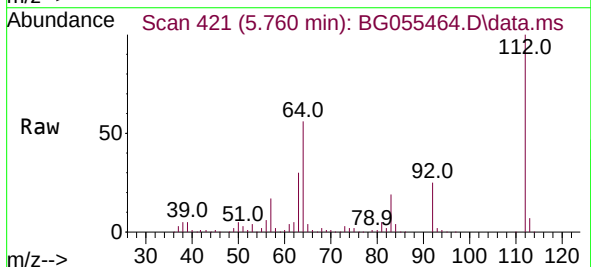
Instrument :
BNA_G
ClientSampleId :
TP-L

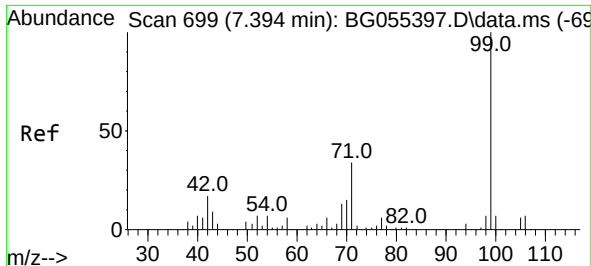
Tgt Ion:152 Resp: 25196
Ion Ratio Lower Upper
152 100
150 151.2 132.8 199.2
115 55.2 45.1 67.7



#5
2-Fluorophenol
Concen: 151.760 ng
RT: 5.760 min Scan# 421
Delta R.T. -0.002 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:112 Resp: 212922
Ion Ratio Lower Upper
112 100
64 55.9 47.2 70.8
63 29.5 24.3 36.5

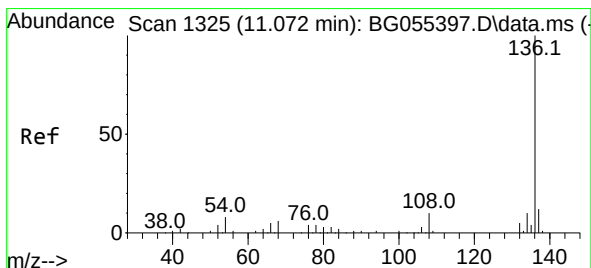
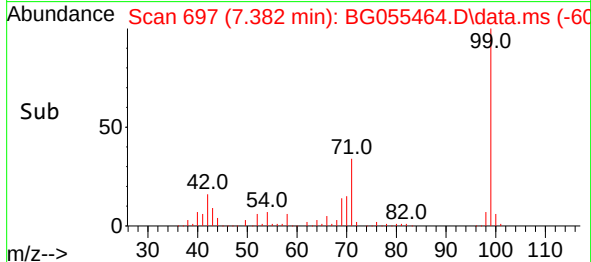
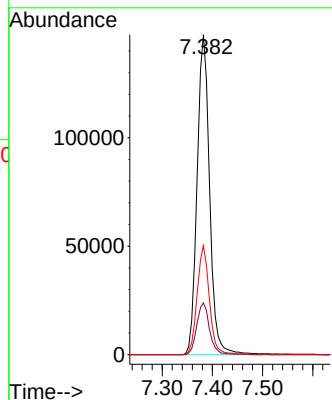
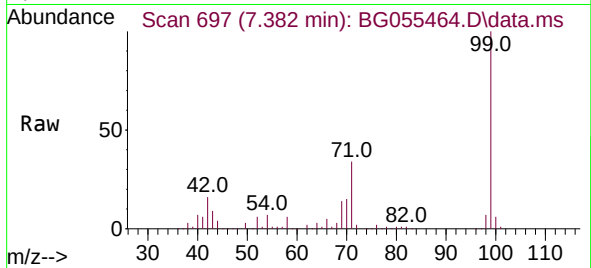




#7
Phenol-d6
Concen: 131.514 ng
RT: 7.382 min Scan# 699
Delta R.T. -0.002 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

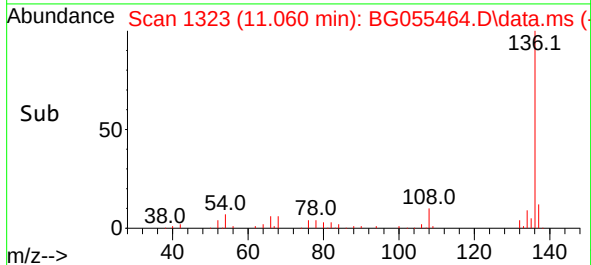
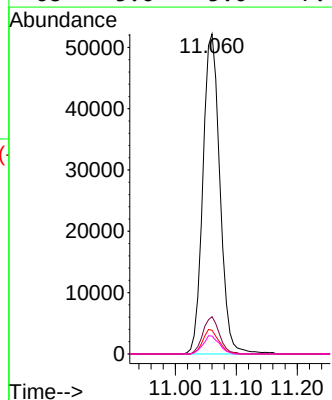
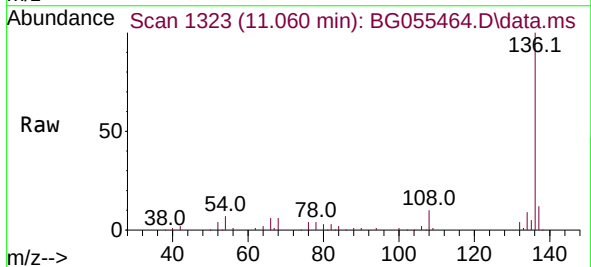
Instrument :
BNA_G
ClientSampleId :
TP-L

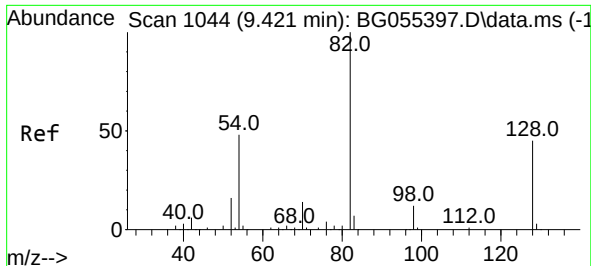
Tgt Ion: 99 Resp: 255877
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 34.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1323
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion: 136 Resp: 100951
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 7.4 6.1 9.1
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 94.124 ng

RT: 9.409 min Scan# 1042

Delta R.T. -0.002 min

Lab File: BG055464.D

Acq: 4 Nov 2022 22:00

Instrument :

BNA_G

ClientSampleId :

TP-L

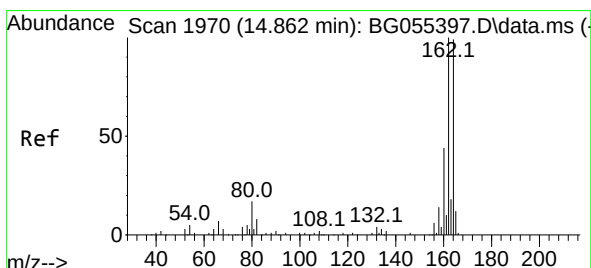
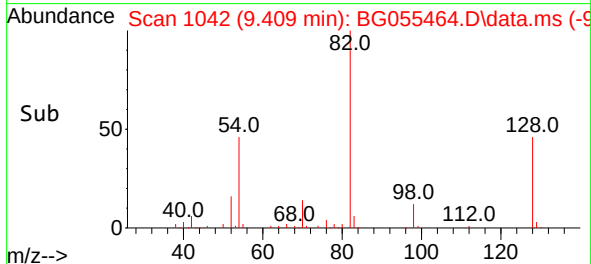
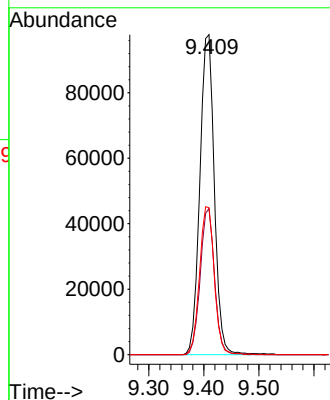
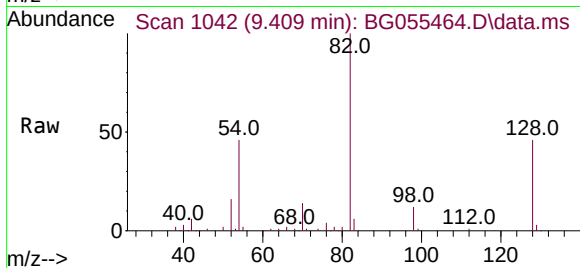
Tgt Ion: 82 Resp: 178289

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.8

54 45.9 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.844 min Scan# 1967

Delta R.T. -0.013 min

Lab File: BG055464.D

Acq: 4 Nov 2022 22:00

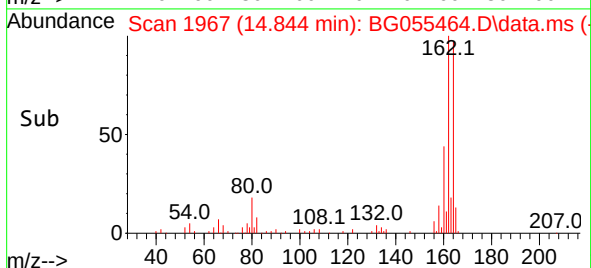
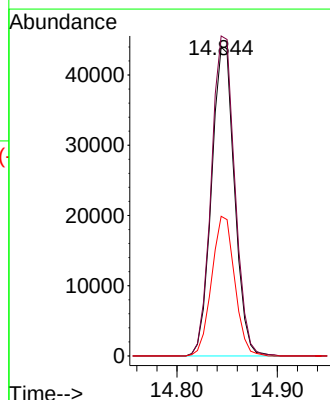
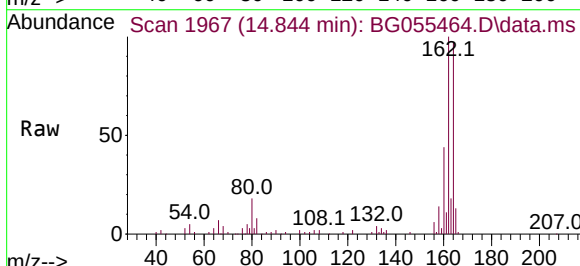
Tgt Ion:164 Resp: 69964

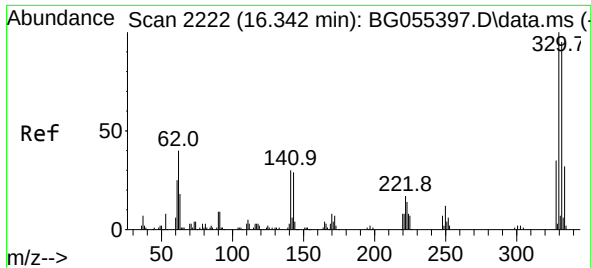
Ion Ratio Lower Upper

164 100

162 103.6 81.1 121.7

160 45.2 35.8 53.6

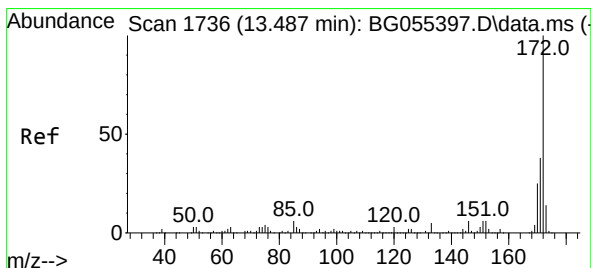
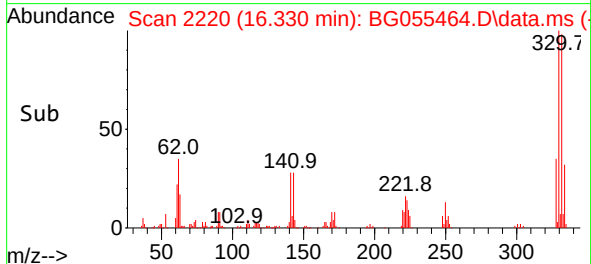
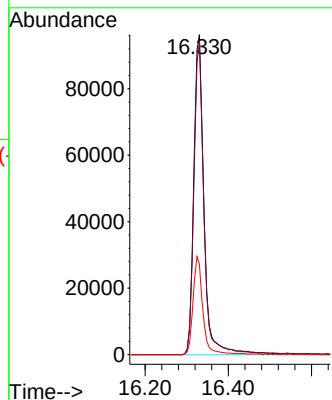
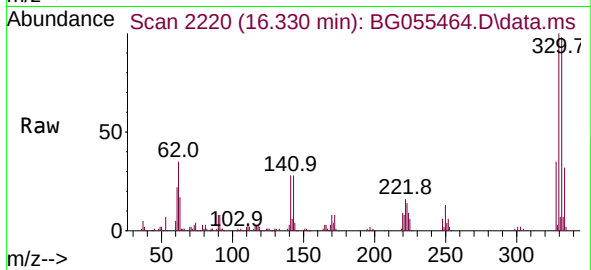




#42
2,4,6-Tribromophenol
Concen: 171.631 ng
RT: 16.330 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

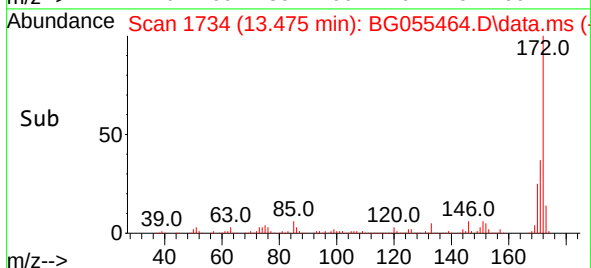
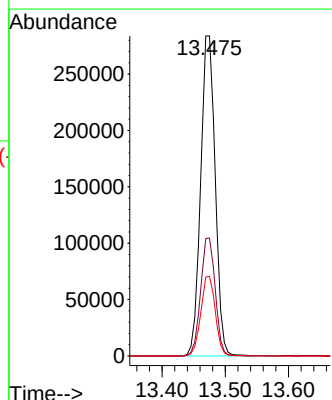
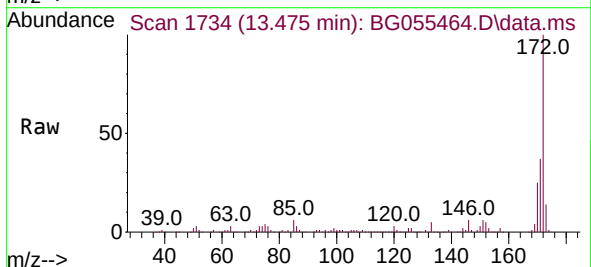
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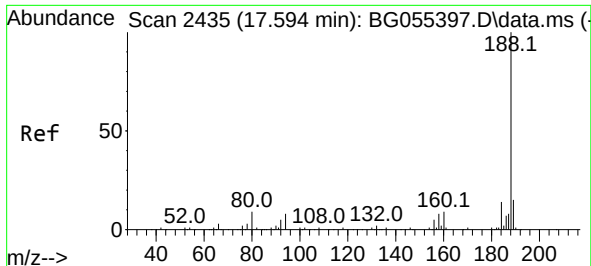
Tgt Ion:330 Resp: 163792
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 29.1 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 96.405 ng
RT: 13.475 min Scan# 1734
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:172 Resp: 454919
Ion Ratio Lower Upper
172 100
171 36.8 30.2 45.2
170 24.9 20.2 30.2

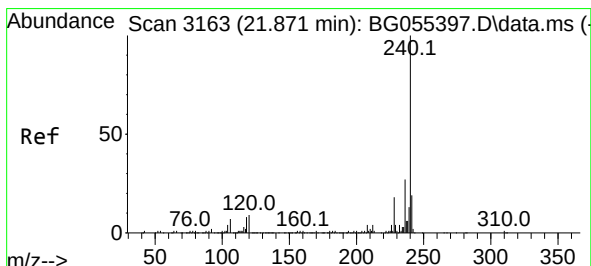
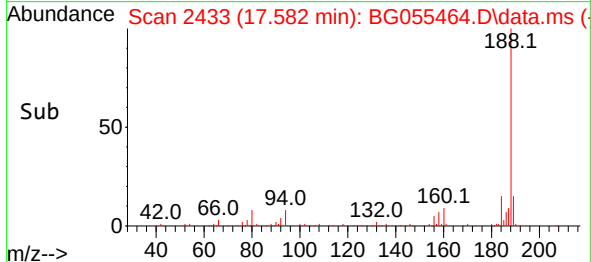
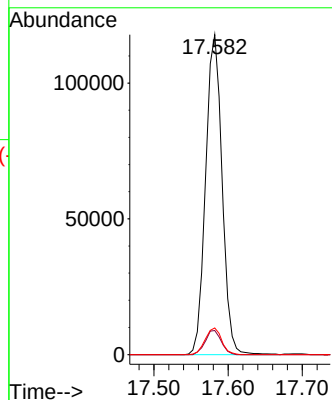
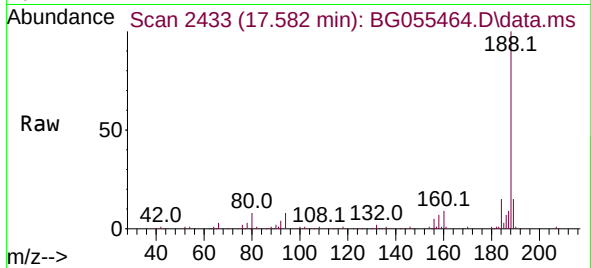




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

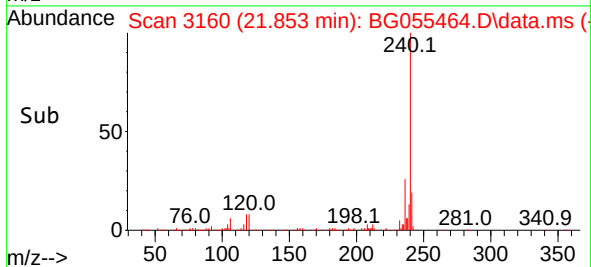
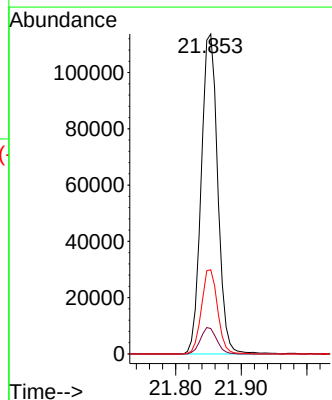
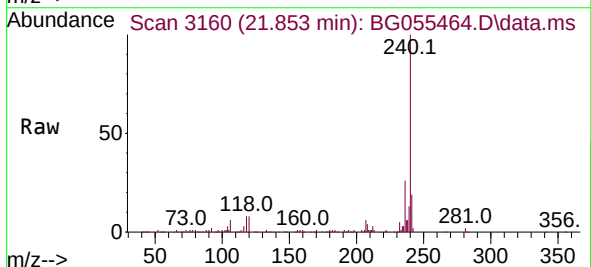
Instrument :
BNA_G
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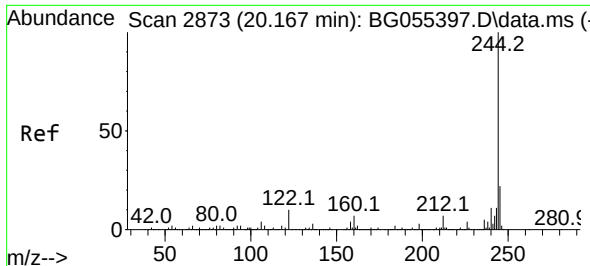
Tgt Ion:188 Resp: 181695
Ion Ratio Lower Upper
188 100
94 7.5 6.5 9.7
80 8.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.853 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055464.D
Acq: 4 Nov 2022 22:00

Tgt Ion:240 Resp: 197856
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.3 21.5 32.3

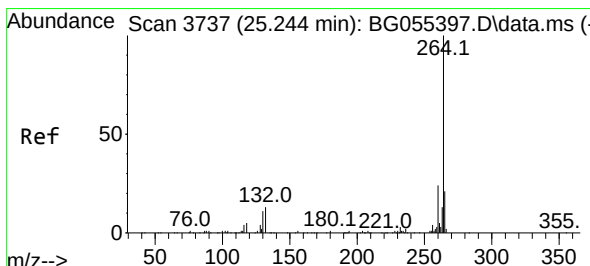
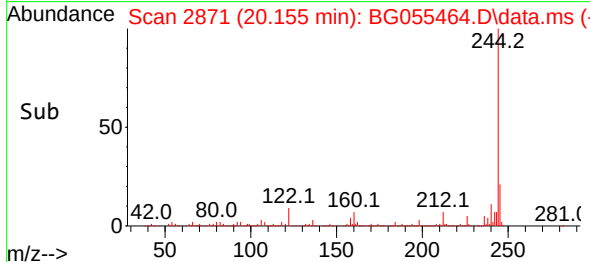
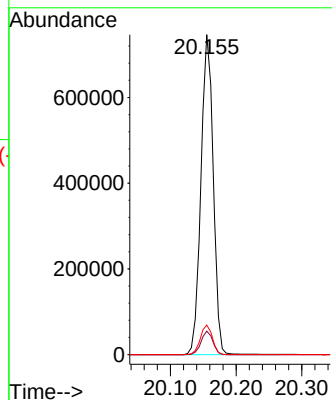
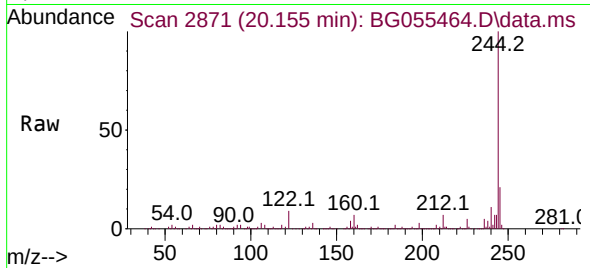




#79
 Terphenyl-d14
 Concen: 94.974 ng
 RT: 20.155 min Scan# 2871
 Delta R.T. -0.007 min
 Lab File: BG055464.D
 Acq: 4 Nov 2022 22:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-L

Tgt Ion:244 Resp: 966356
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.2 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.220 min Scan# 3733
 Delta R.T. -0.013 min
 Lab File: BG055464.D
 Acq: 4 Nov 2022 22:00

Tgt Ion:264 Resp: 208230
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 20.8 17.1 25.7

