

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055557.D
 Acq On : 11 Nov 2022 3:09
 Operator : CG/JU
 Sample : N5494-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-17

Quant Time: Nov 11 04:43:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	47028	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	195417	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	132479	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	312347	20.000	ng	0.00
76) Chrysene-d12	21.920	240	312825	20.000	ng	#-0.01
86) Perylene-d12	25.339	264	324704	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	314112	127.221	ng	0.00
7) Phenol-d6	7.401	99	415607	121.860	ng	0.00
23) Nitrobenzene-d5	9.434	82	244850	84.941	ng	-0.01
42) 2,4,6-Tribromophenol	16.367	330	177360	137.211	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	587232	66.862	ng	0.00
79) Terphenyl-d14	20.210	244	1042030	66.906	ng	0.00

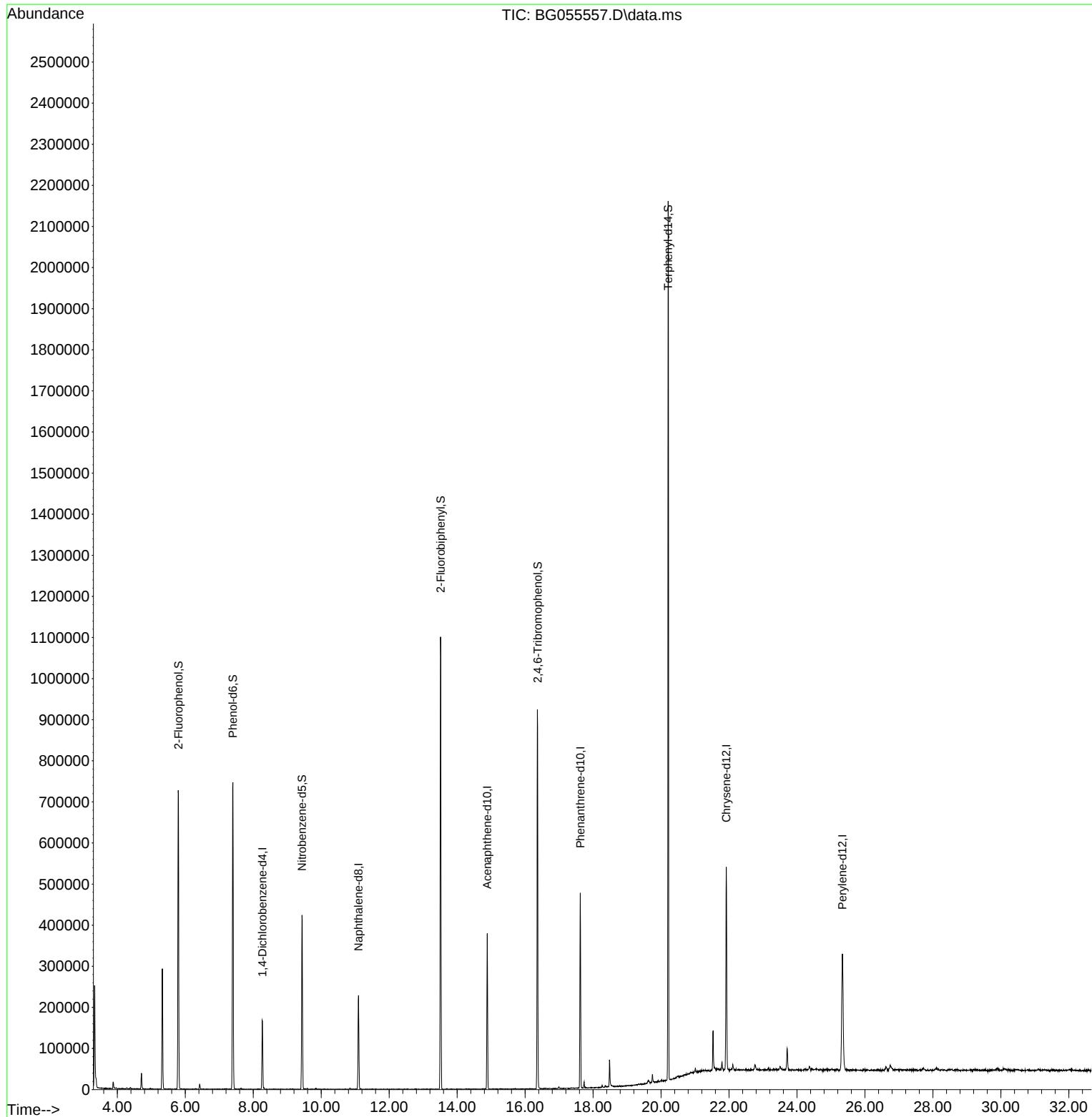
Target Compounds Qvalue

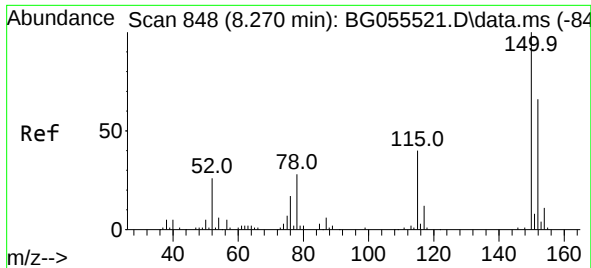
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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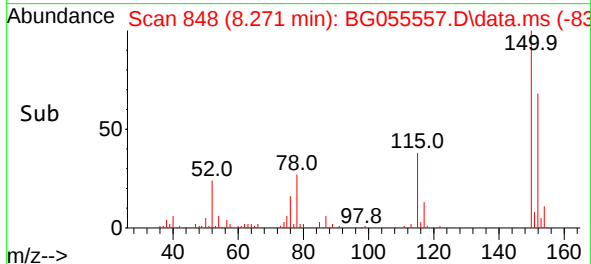
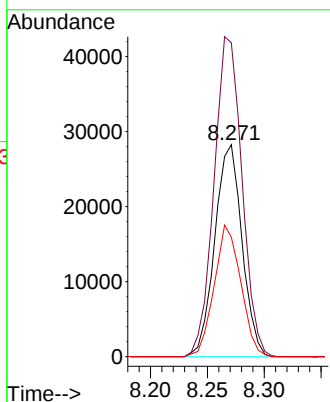
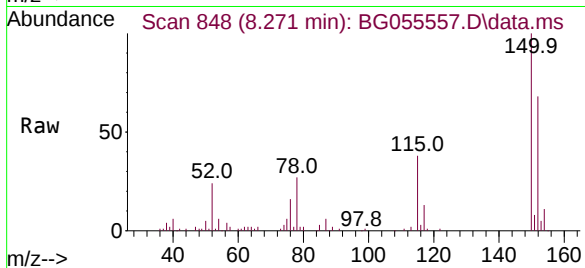




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055557.D
Acq: 11 Nov 2022 3:09

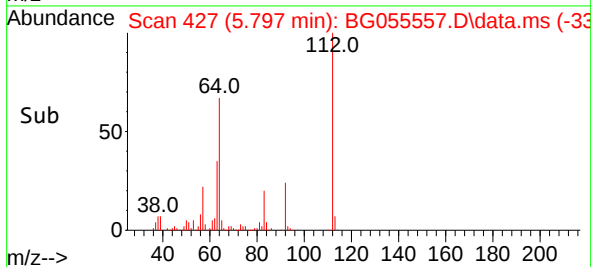
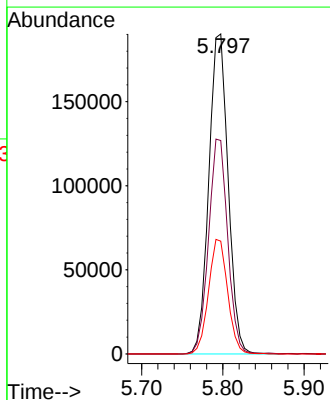
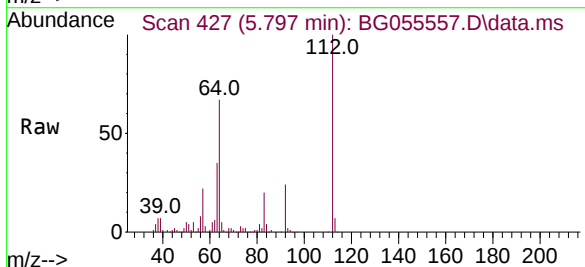
Instrument :
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SB-17

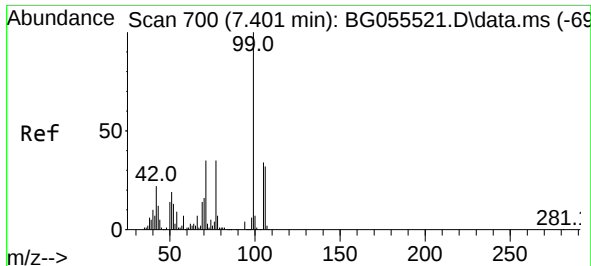
Tgt Ion:152 Resp: 47028
Ion Ratio Lower Upper
152 100
150 148.1 121.0 181.4
115 56.4 47.8 71.8



#5
2-Fluorophenol
Concen: 127.221 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055557.D
Acq: 11 Nov 2022 3:09

Tgt Ion:112 Resp: 314112
Ion Ratio Lower Upper
112 100
64 66.7 52.6 78.8
63 35.2 28.3 42.5

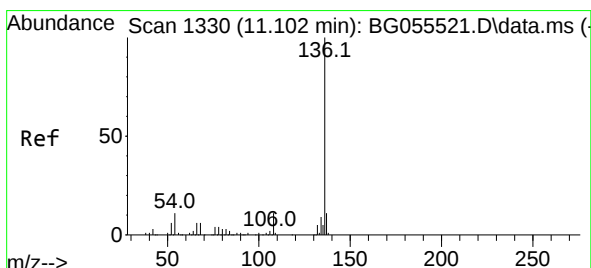
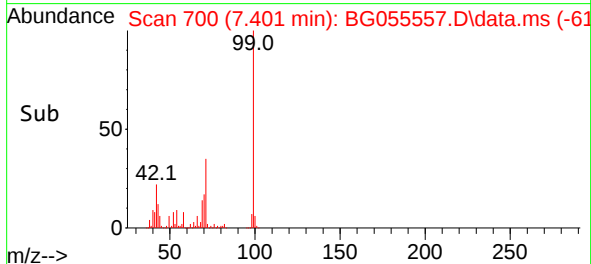
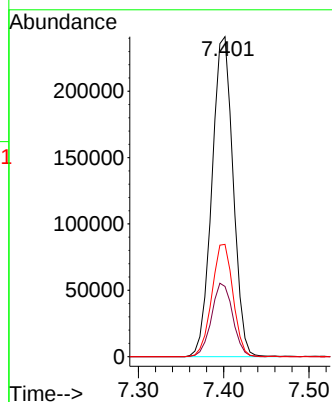
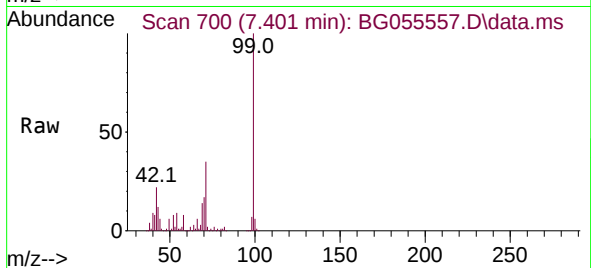




#7
Phenol-d6
Concen: 121.860 ng
RT: 7.401 min Scan# 700
Delta R.T. 0.000 min
Lab File: BG055557.D
Acq: 11 Nov 2022 3:09

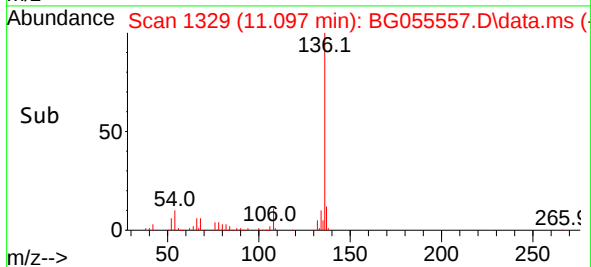
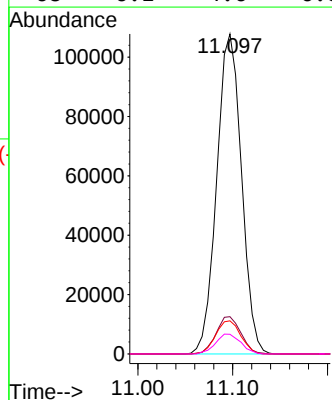
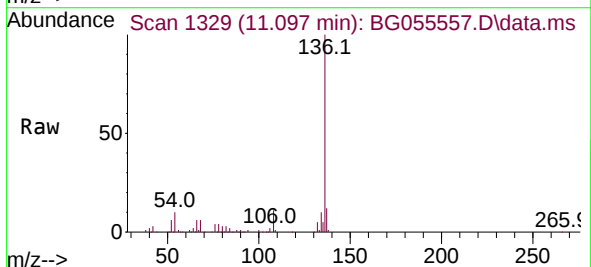
Instrument :
BNA_G
ClientSampleId :
SB-17

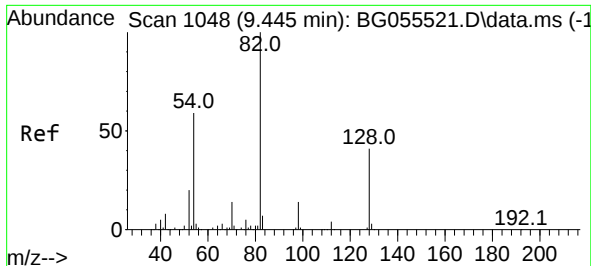
Tgt Ion: 99 Resp: 415607
Ion Ratio Lower Upper
99 100
42 21.9 17.5 26.3
71 35.1 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055557.D
Acq: 11 Nov 2022 3:09

Tgt Ion:136 Resp: 195417
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 10.3 8.6 12.8
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.941 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.011 min

Lab File: BG055557.D

Acq: 11 Nov 2022 3:09

Instrument :

BNA_G

ClientSampleId :

SB-17

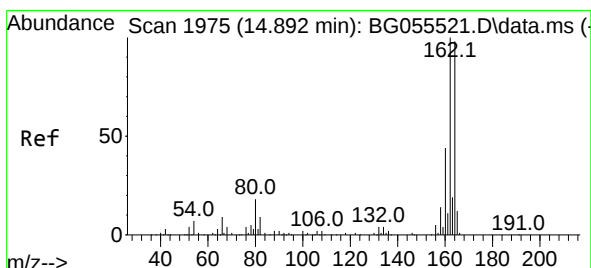
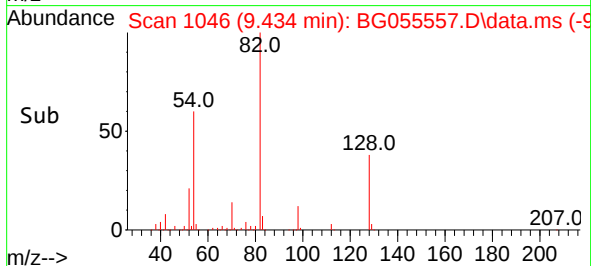
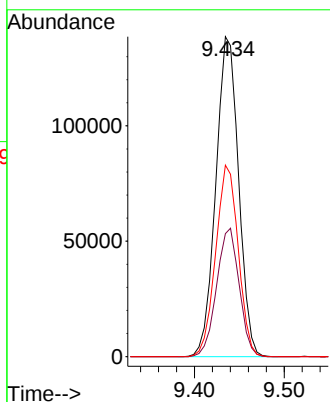
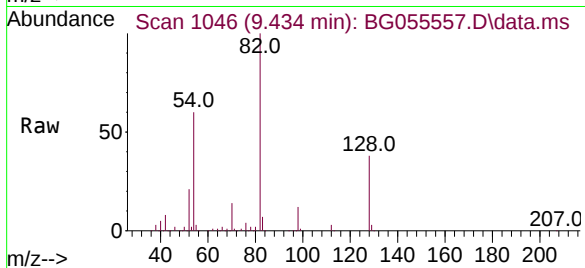
Tgt Ion: 82 Resp: 244850

Ion Ratio Lower Upper

82 100

128 38.4 32.6 49.0

54 59.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055557.D

Acq: 11 Nov 2022 3:09

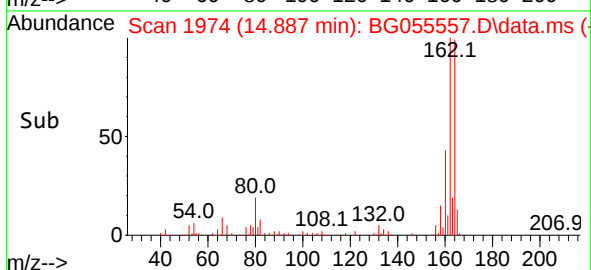
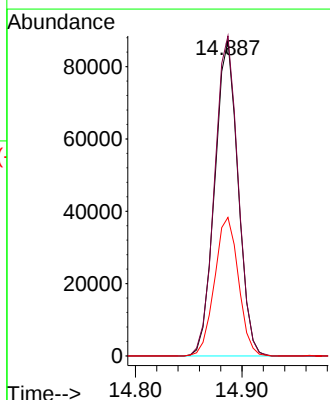
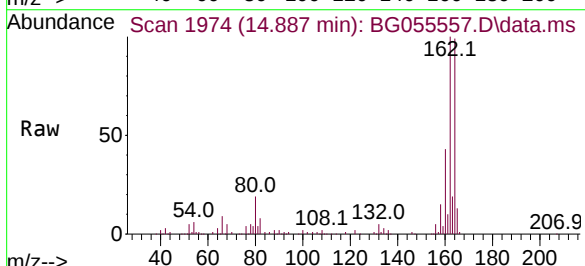
Tgt Ion: 164 Resp: 132479

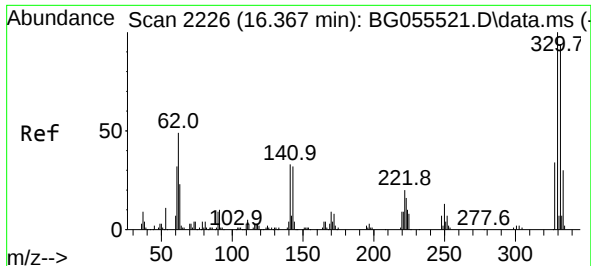
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 43.9 35.9 53.9

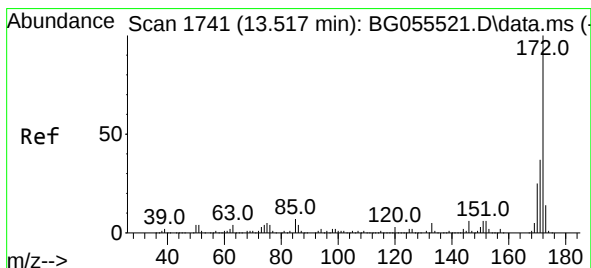
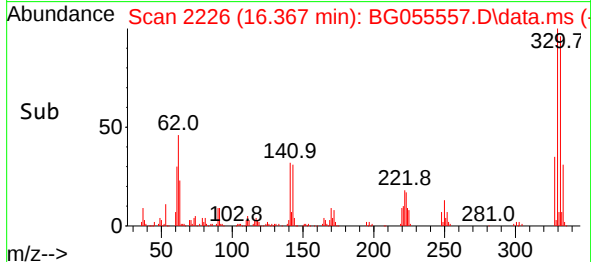
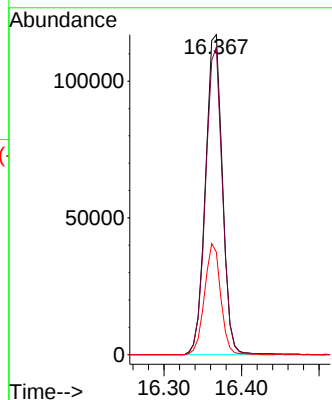
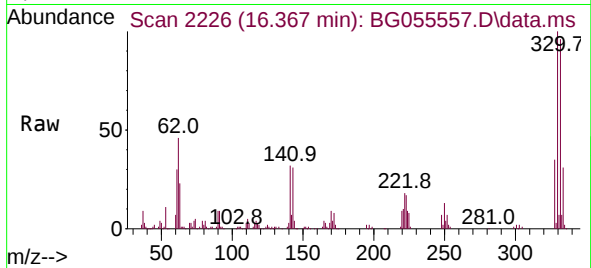




#42
2,4,6-Tribromophenol
Concen: 137.211 ng
RT: 16.367 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055557.D
Acq: 11 Nov 2022 3:09

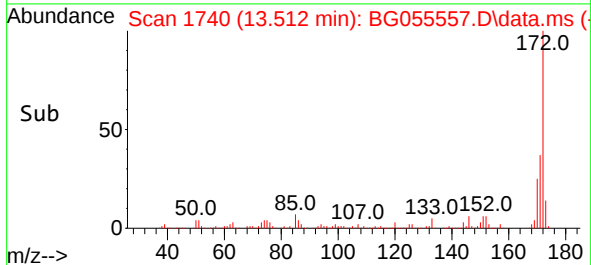
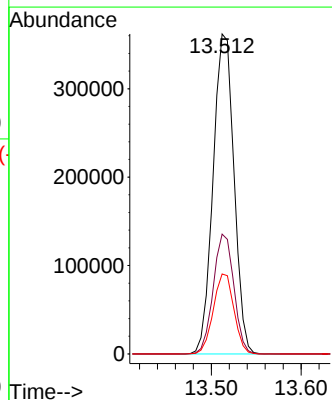
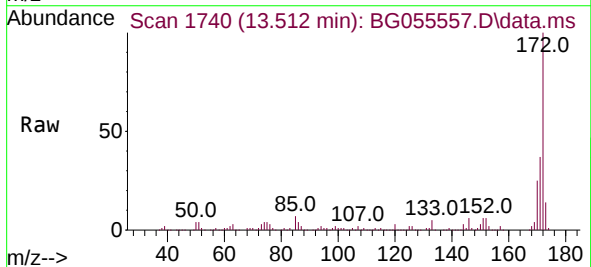
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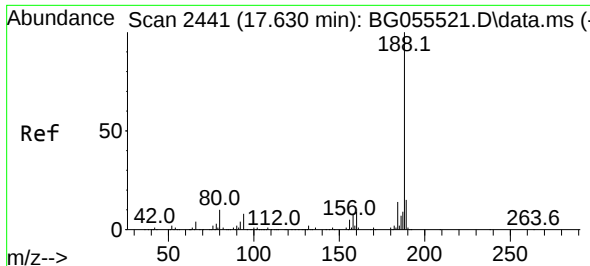
Tgt Ion:330 Resp: 177360
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.2
141 33.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 66.862 ng
RT: 13.512 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG055557.D
Acq: 11 Nov 2022 3:09

Tgt Ion:172 Resp: 587232
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.0 19.8 29.6

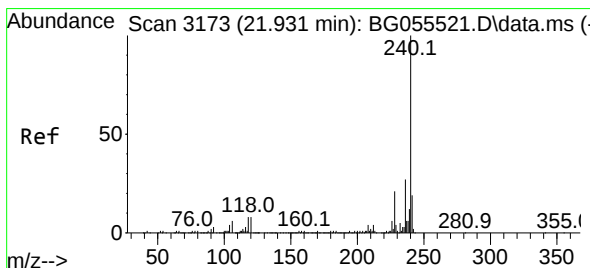
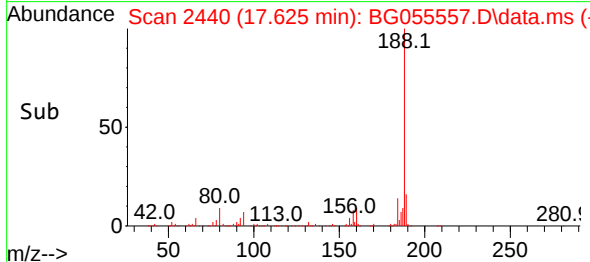
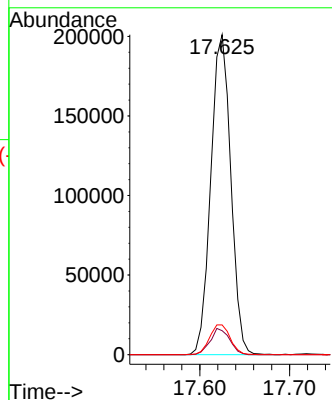
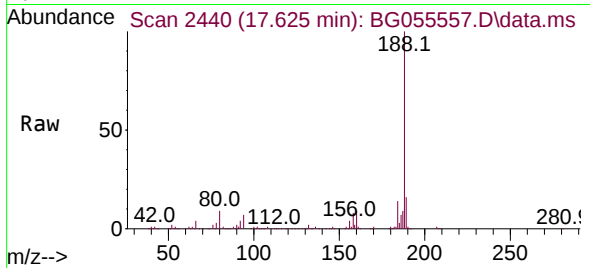




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055557.D
Acq: 11 Nov 2022 3:09

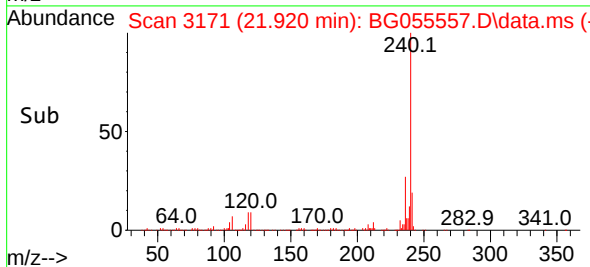
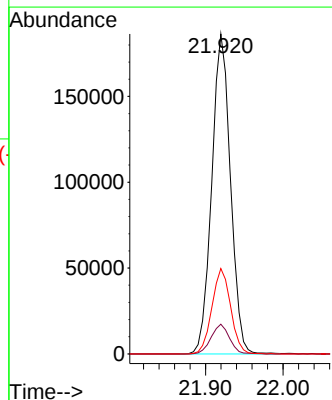
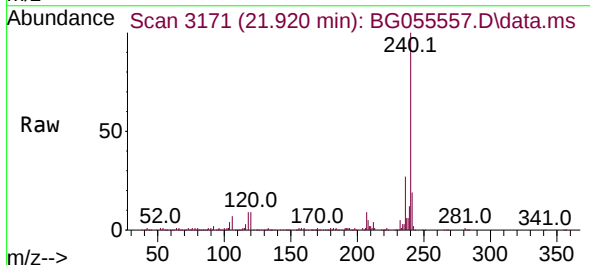
Instrument :
BNA_G
ClientSampleId :
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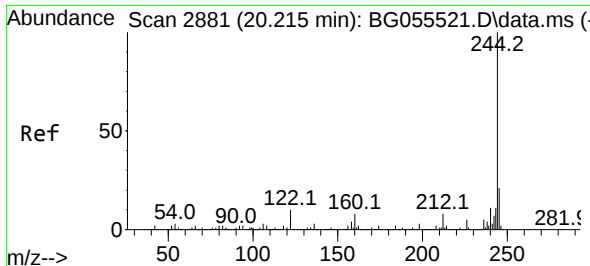
Tgt Ion:188 Resp: 312347
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG055557.D
Acq: 11 Nov 2022 3:09

Tgt Ion:240 Resp: 312825
Ion Ratio Lower Upper
240 100
120 9.3 6.1 9.1#
236 26.7 21.4 32.0

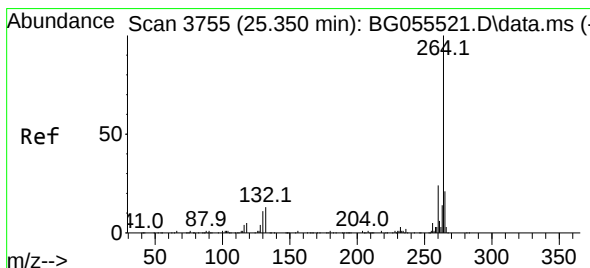
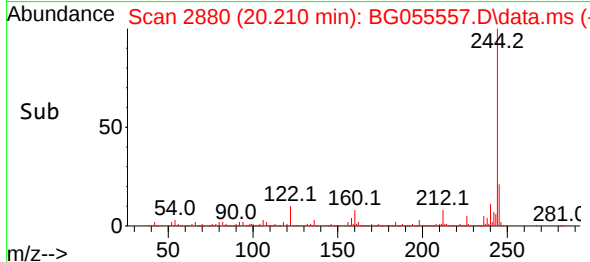
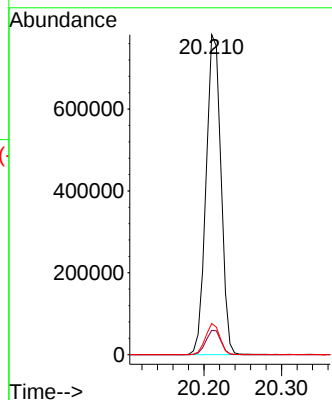
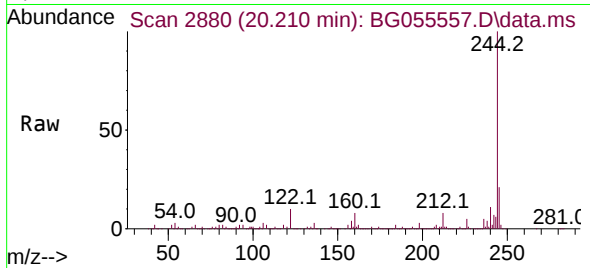




#79
 Terphenyl-d14
 Concen: 66.906 ng
 RT: 20.210 min Scan# 2881
 Delta R.T. -0.005 min
 Lab File: BG055557.D
 Acq: 11 Nov 2022 3:09

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1042030
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 9.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.339 min Scan# 3753
 Delta R.T. -0.011 min
 Lab File: BG055557.D
 Acq: 11 Nov 2022 3:09

Tgt Ion:264 Resp: 324704
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 22.5 17.1 25.7

