

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055637.D
 Acq On : 16 Nov 2022 1:16
 Operator : CG/JU
 Sample : N5608-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NP-1

Quant Time: Nov 16 03:18:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	44592	20.000	ng	0.00
21) Naphthalene-d8	11.086	136	186220	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	138611	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	332749	20.000	ng	0.00
76) Chrysene-d12	21.915	240	318388	20.000	ng	0.00
86) Perylene-d12	25.329	264	337206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	273010	116.615	ng	0.00
7) Phenol-d6	7.391	99	355165	109.827	ng	0.00
23) Nitrobenzene-d5	9.424	82	217877	79.316	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	188960	139.719	ng	0.00
45) 2-Fluorobiphenyl	13.501	172	562700	61.234	ng	0.00
79) Terphenyl-d14	20.205	244	1031200	65.053	ng	0.00

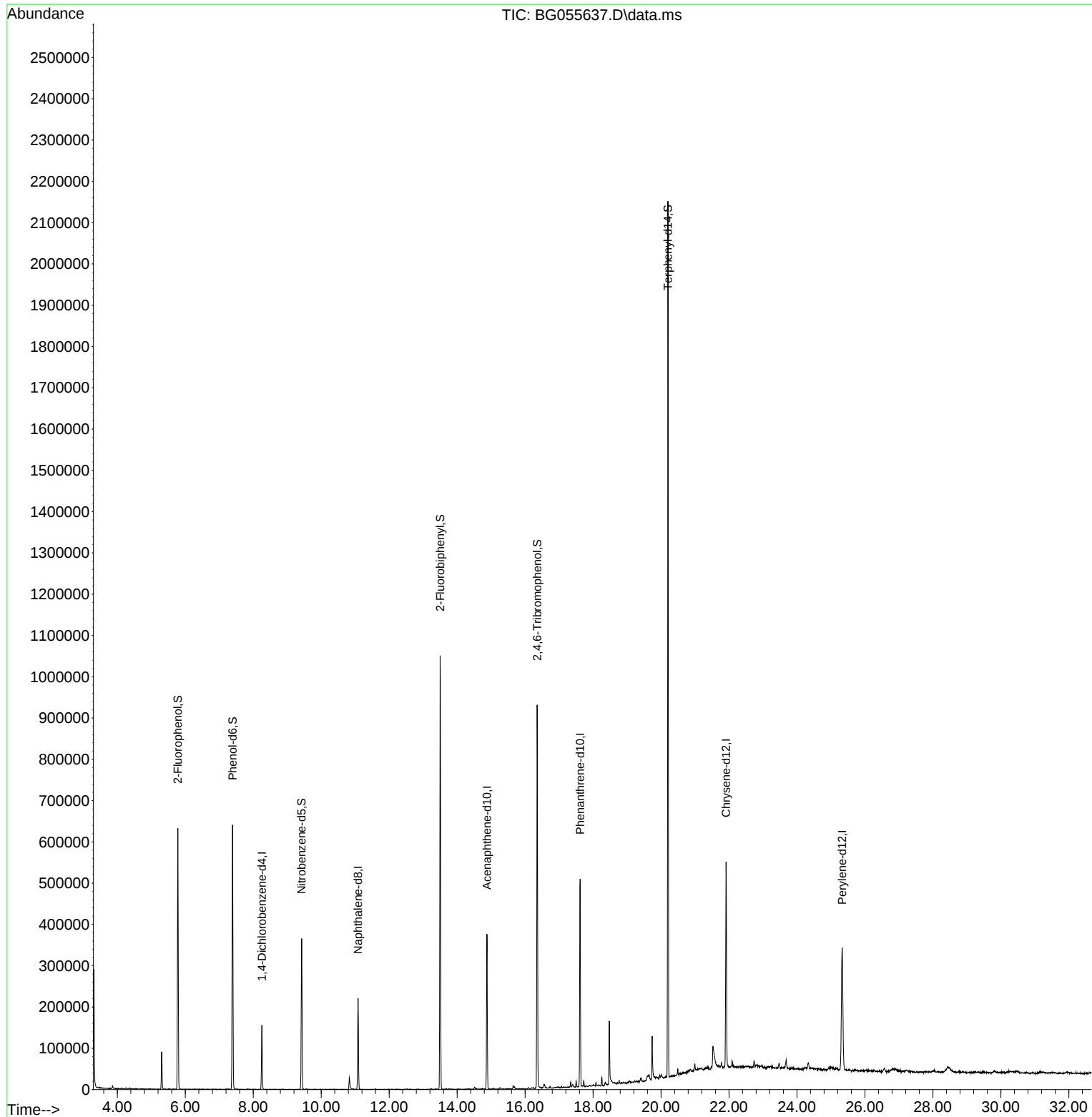
Target Compounds	Qvalue

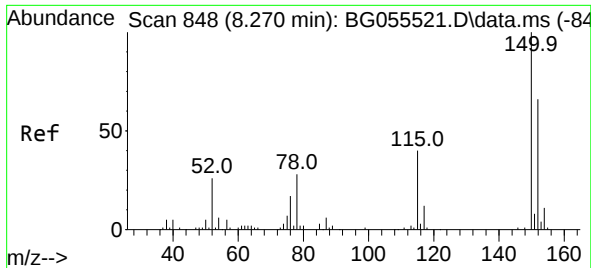
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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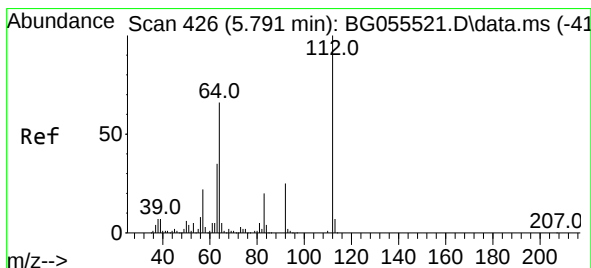
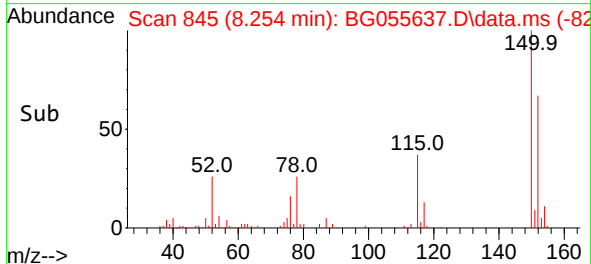
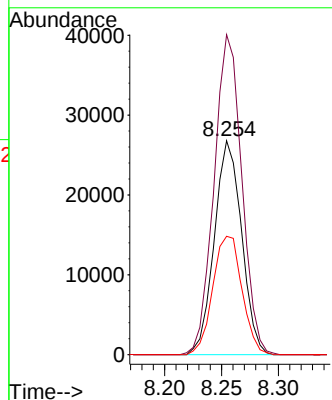
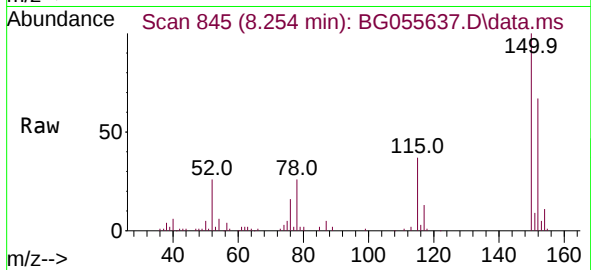




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

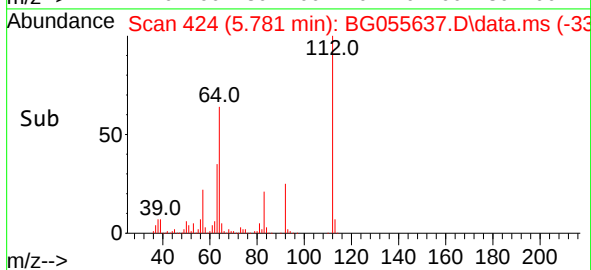
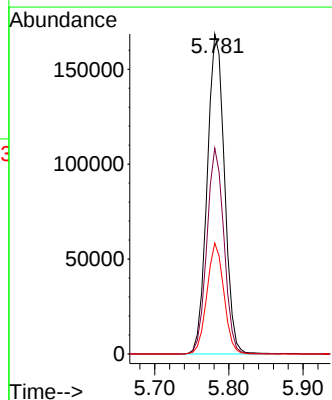
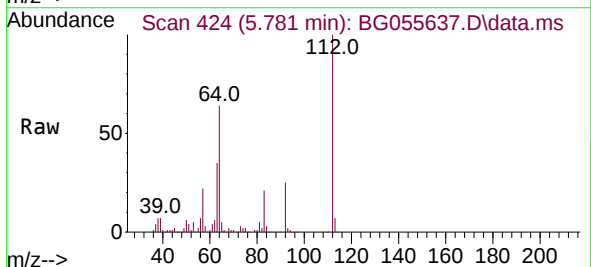
Instrument :
BNA_G
ClientSampleId :
NP-1

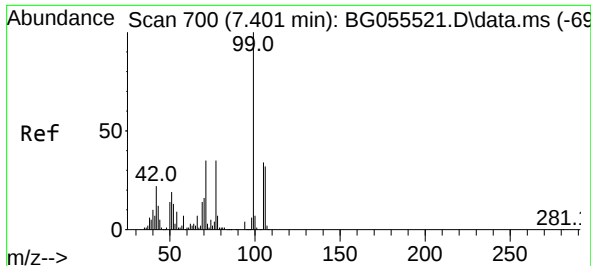
Tgt Ion:152 Resp: 44592
Ion Ratio Lower Upper
152 100
150 149.6 121.0 181.4
115 55.3 47.8 71.8



#5
2-Fluorophenol
Concen: 116.615 ng
RT: 5.781 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:112 Resp: 273010
Ion Ratio Lower Upper
112 100
64 64.3 52.6 78.8
63 34.6 28.3 42.5

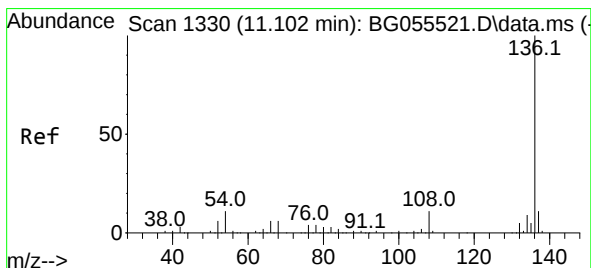
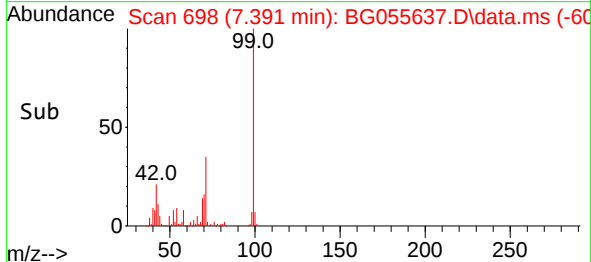
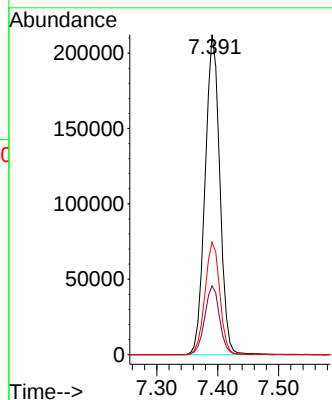
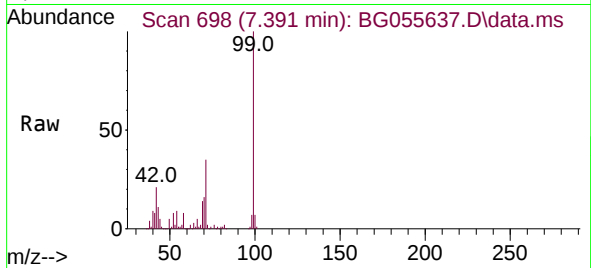




#7
Phenol-d6
Concen: 109.827 ng
RT: 7.391 min Scan# 69
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

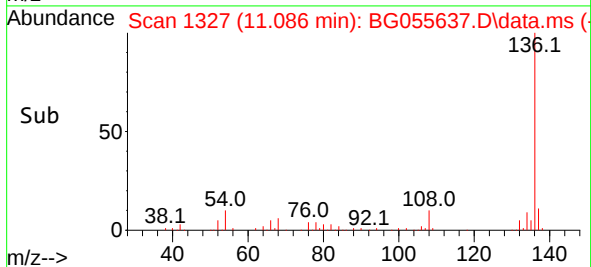
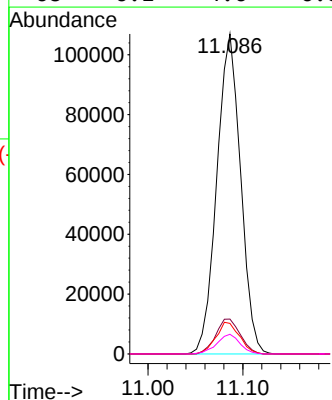
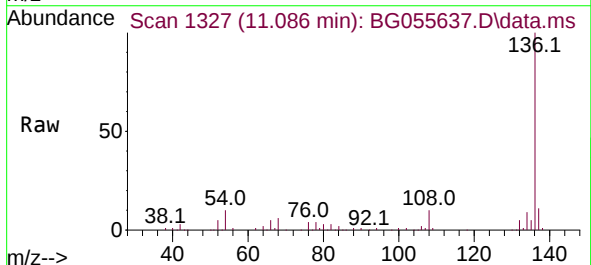
Instrument :
BNA_G
ClientSampleId :
NP-1

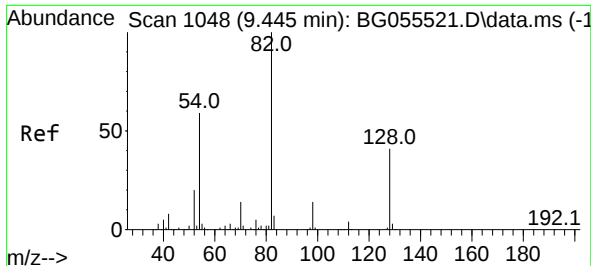
Tgt Ion: 99	Resp: 355165
Ion Ratio	Lower Upper
99 100	
42 21.5	17.5 26.3
71 35.1	28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.086 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion: 136	Resp: 186220
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 9.5	8.6 12.8
68 6.1	4.6 6.8





#23

Nitrobenzene-d5

Concen: 79.316 ng

RT: 9.424 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BG055637.D

Acq: 16 Nov 2022 1:16

Instrument :

BNA_G

ClientSampleId :

NP-1

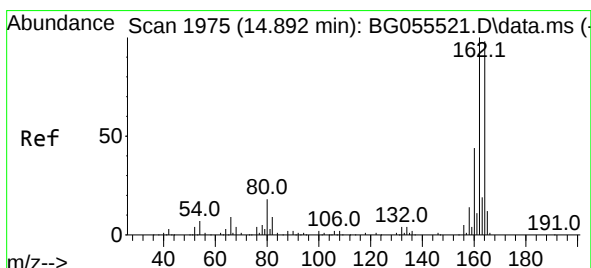
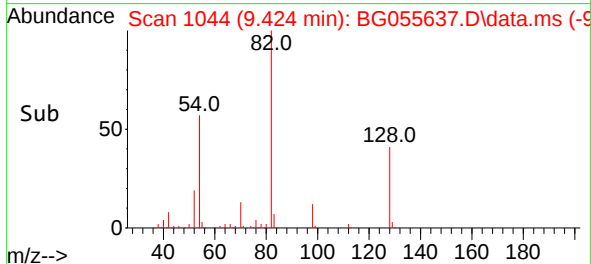
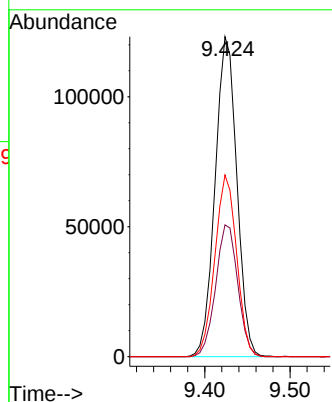
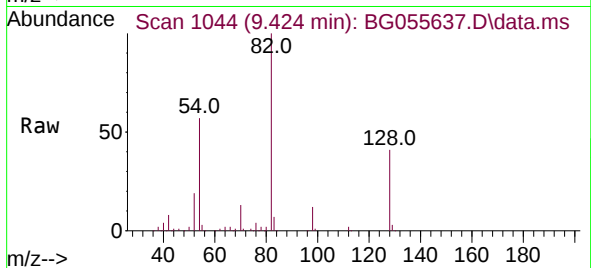
Tgt Ion: 82 Resp: 217877

Ion Ratio Lower Upper

82 100

128 41.2 32.6 49.0

54 56.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.876 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055637.D

Acq: 16 Nov 2022 1:16

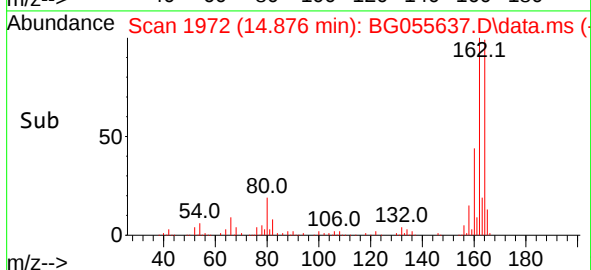
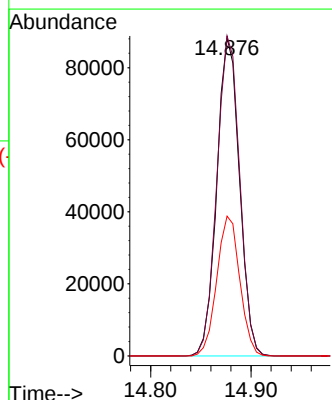
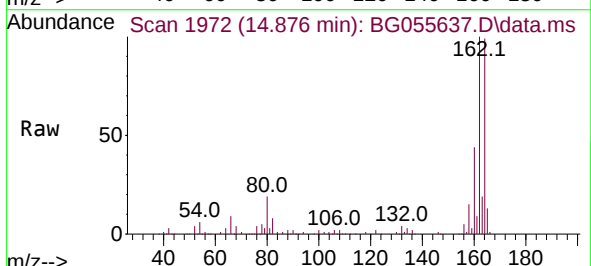
Tgt Ion:164 Resp: 138611

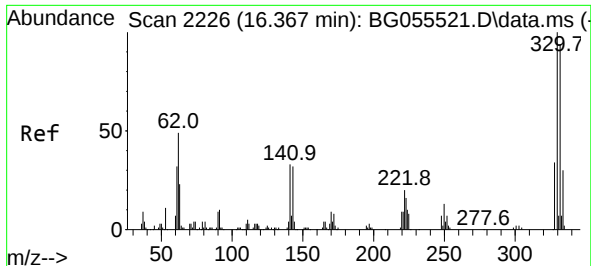
Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 43.9 35.9 53.9

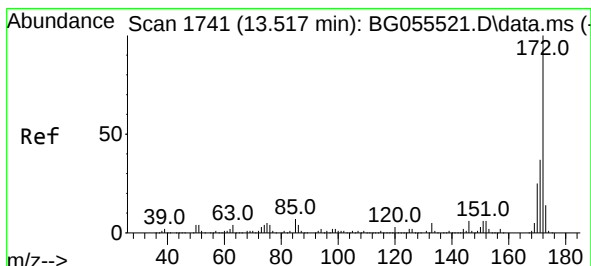
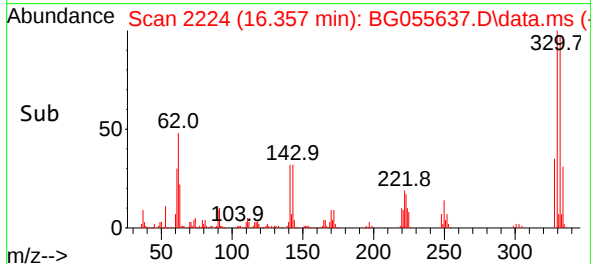
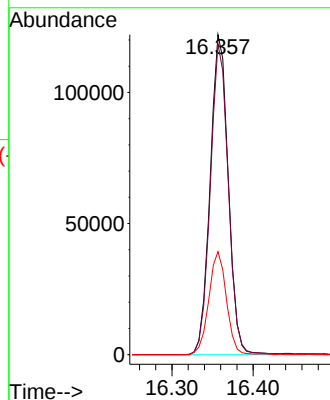
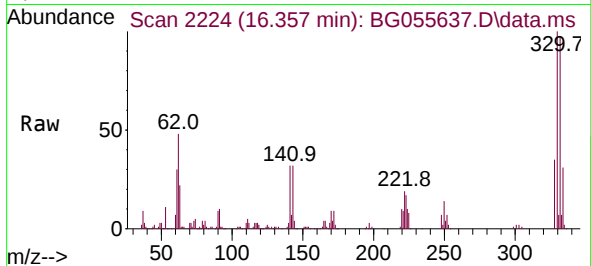




#42
2,4,6-Tribromophenol
Concen: 139.719 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

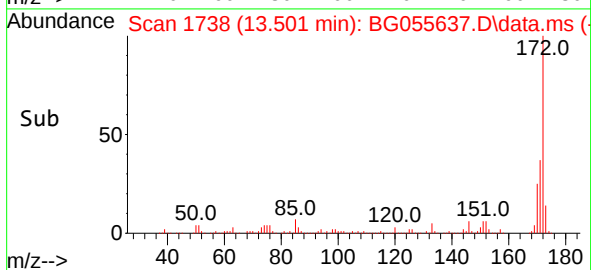
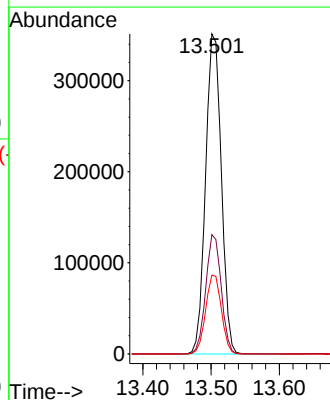
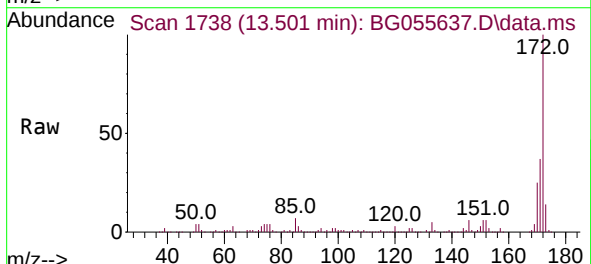
Instrument :
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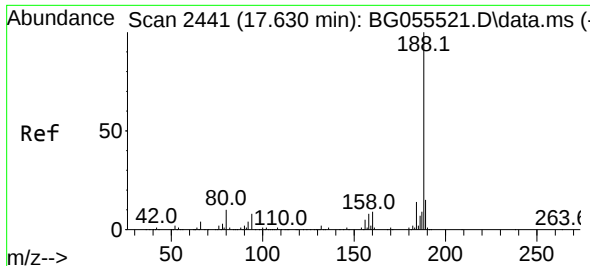
Tgt Ion:330 Resp: 188960
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 31.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 61.234 ng
RT: 13.501 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:172 Resp: 562700
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 24.6 19.8 29.6

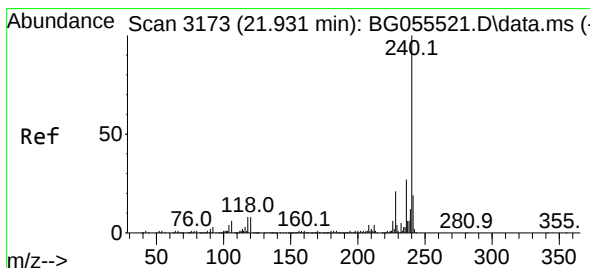
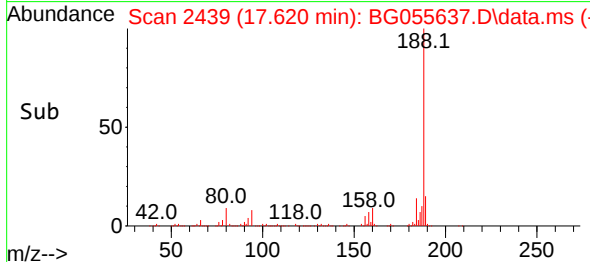
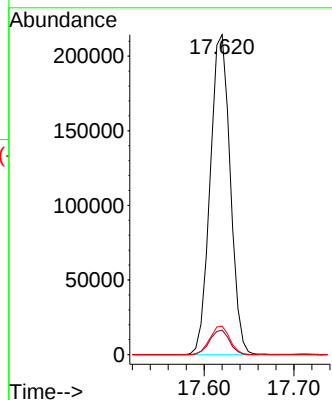
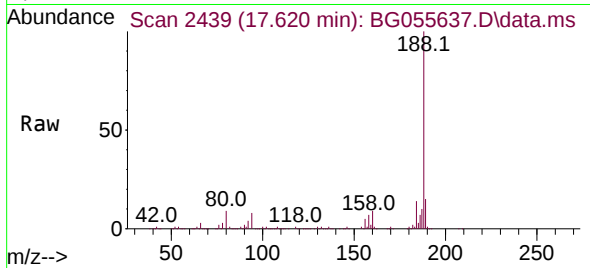




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

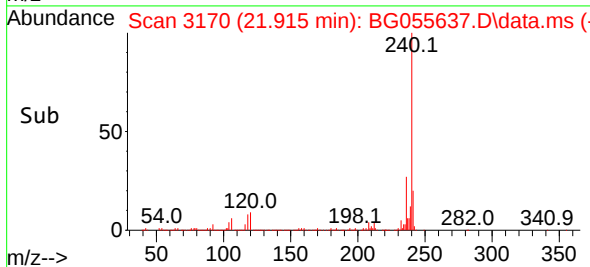
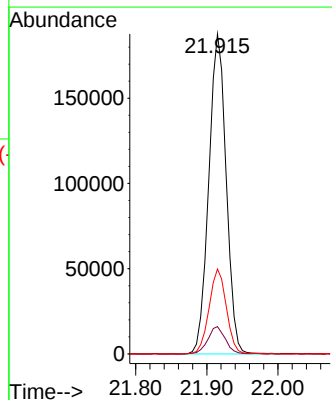
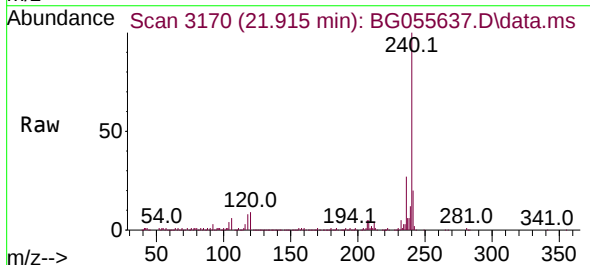
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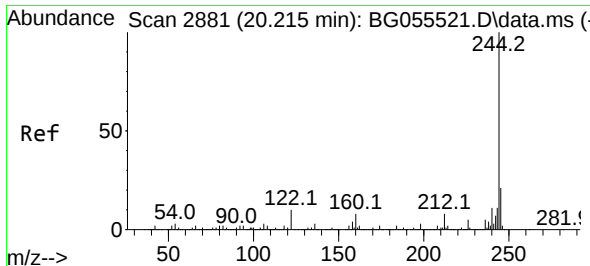
Tgt Ion:188 Resp: 332749
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055637.D
Acq: 16 Nov 2022 1:16

Tgt Ion:240 Resp: 318388
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.5 21.4 32.0

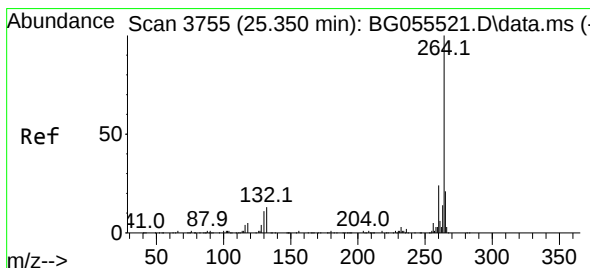
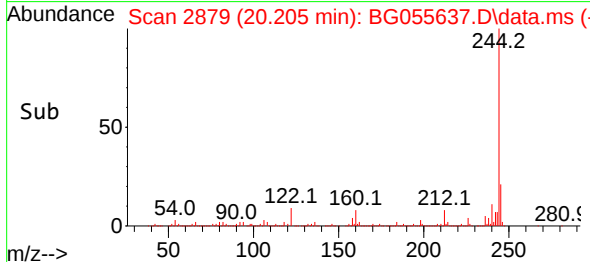
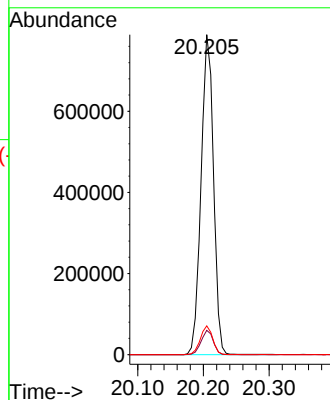
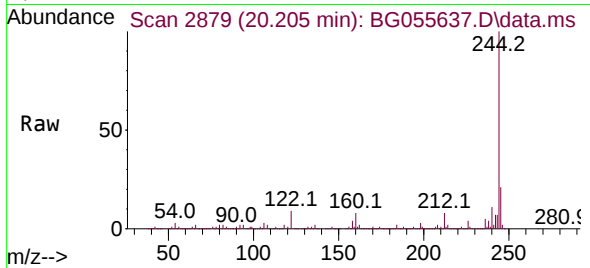




#79
 Terphenyl-d14
 Concen: 65.053 ng
 RT: 20.205 min Scan# 2881
 Delta R.T. -0.006 min
 Lab File: BG055637.D
 Acq: 16 Nov 2022 1:16

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 1031200
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.329 min Scan# 3751
 Delta R.T. -0.006 min
 Lab File: BG055637.D
 Acq: 16 Nov 2022 1:16

Tgt Ion:264 Resp: 337206
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.1 25.7

