

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056704.D
 Acq On : 22 Feb 2023 19:21
 Operator : CG/JU
 Sample : 01637-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11977

Quant Time: Feb 23 01:48:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 01:45:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.432	152	23589	20.000	ng	0.00
21) Naphthalene-d8	11.276	136	92462	20.000	ng	0.00
39) Acenaphthene-d10	15.036	164	59333	20.000	ng	0.00
64) Phenanthrene-d10	17.774	188	123809	20.000	ng	0.00
76) Chrysene-d12	22.087	240	100956	20.000	ng	# 0.00
86) Perylene-d12	25.641	264	81999	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.941	112	45136	31.133	ng	0.00
7) Phenol-d6	7.557	99	132106	61.687	ng	0.00
23) Nitrobenzene-d5	9.607	82	117663	65.156	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	9876	12.157	ng	0.00
45) 2-Fluorobiphenyl	13.667	172	259320	58.525	ng	0.00
79) Terphenyl-d14	20.336	244	357634	57.959	ng	0.00

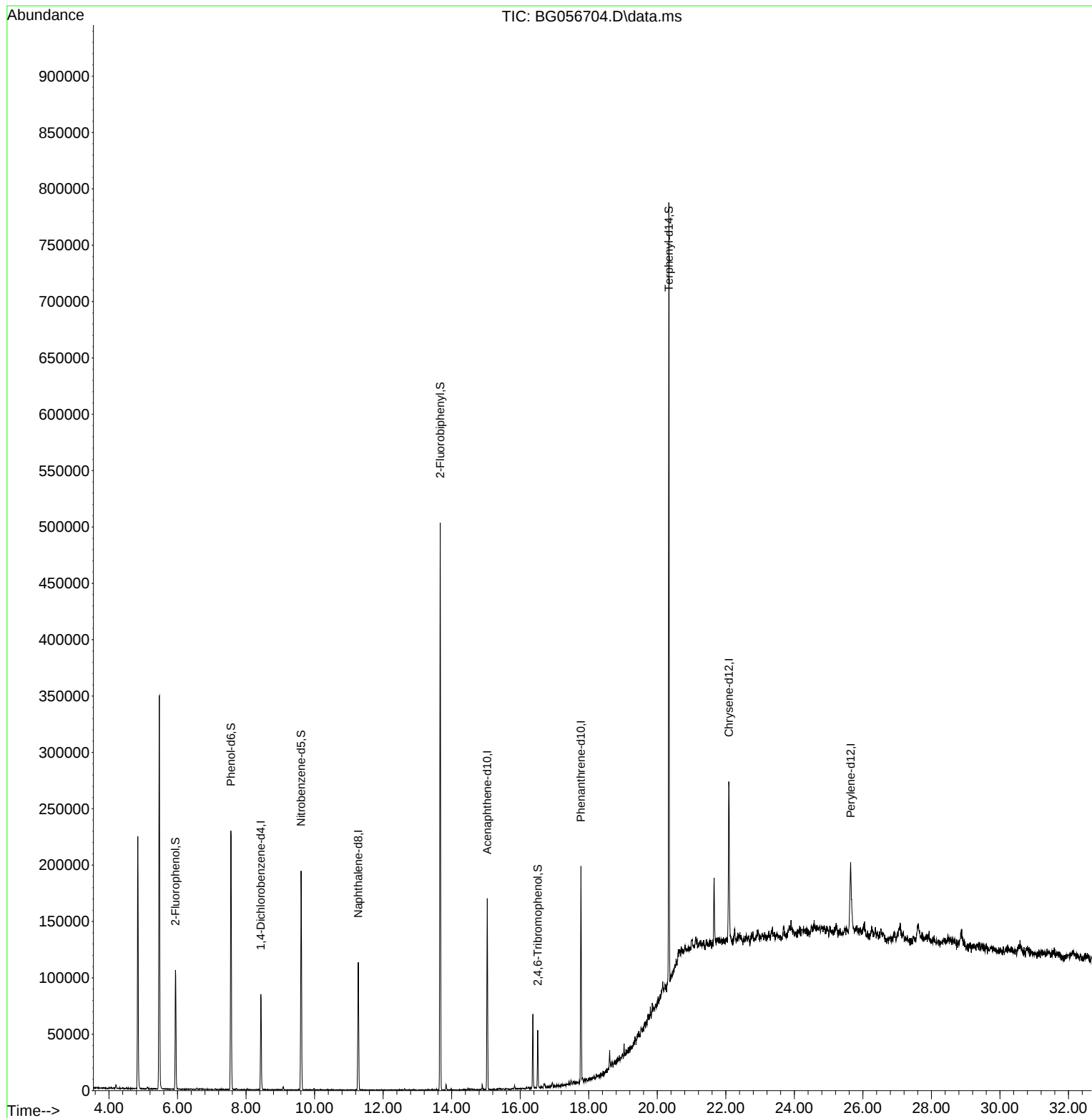
Target Compounds Qvalue

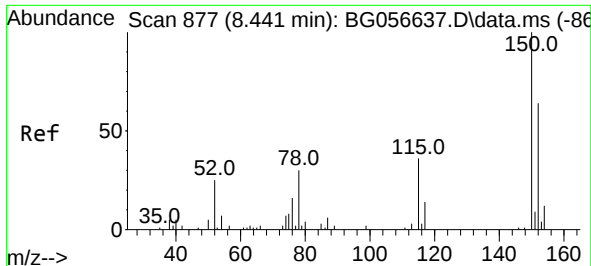
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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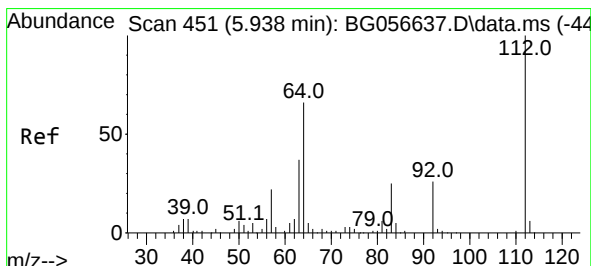
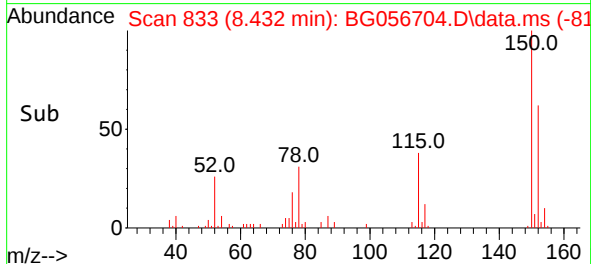
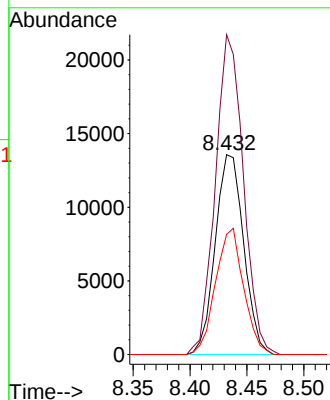
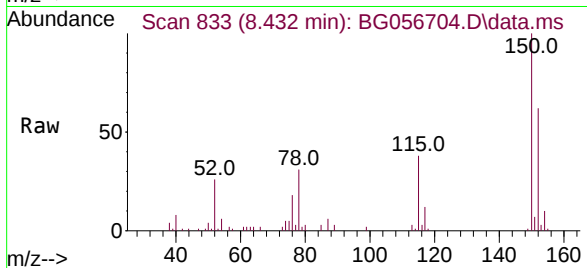




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.432 min Scan# 841
Delta R.T. 0.005 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

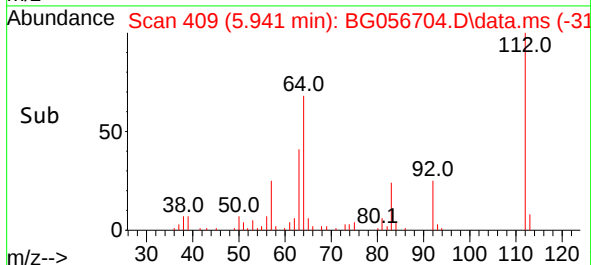
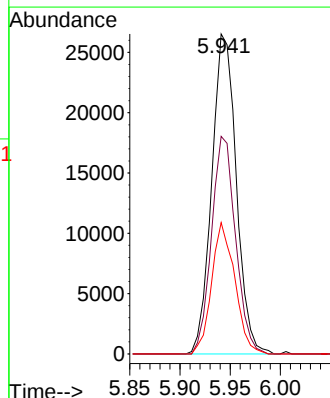
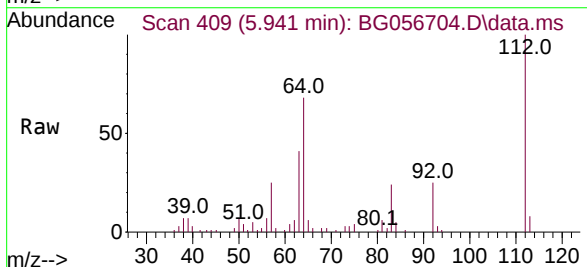
Instrument :
BNA_G
ClientSampleId :
72-11977

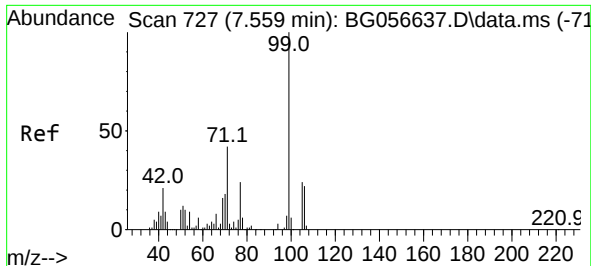
Tgt Ion:152 Resp: 23589
Ion Ratio Lower Upper
152 100
150 160.1 124.8 187.2
115 60.1 44.7 67.1



#5
2-Fluorophenol
Concen: 31.133 ng
RT: 5.941 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:112 Resp: 45136
Ion Ratio Lower Upper
112 100
64 68.0 52.6 78.8
63 41.0 29.8 44.6

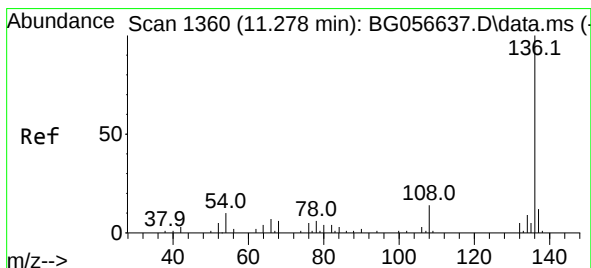
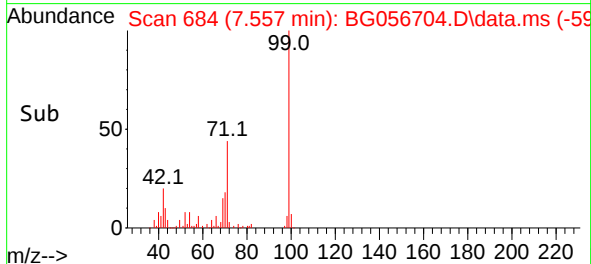
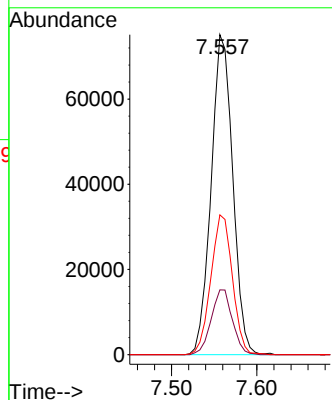
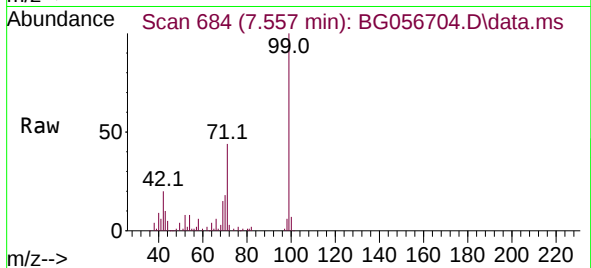




#7
Phenol-d6
Concen: 61.687 ng
RT: 7.557 min Scan# 68
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

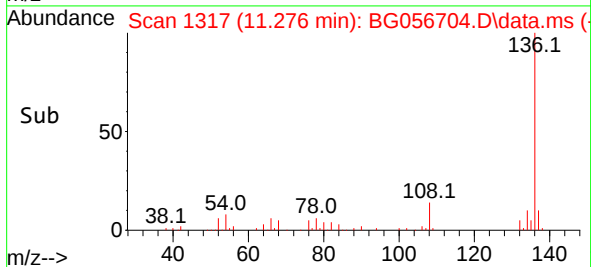
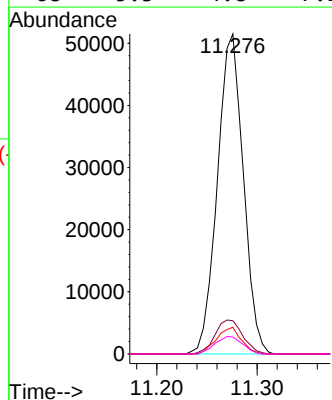
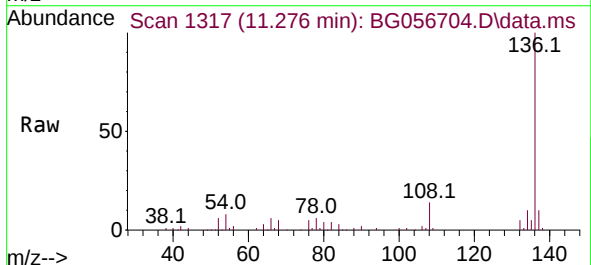
Instrument :
BNA_G
ClientSampleId :
72-11977

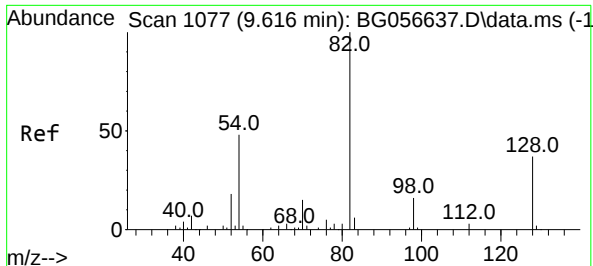
Tgt Ion: 99 Resp: 132106
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 43.7 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.276 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion: 136 Resp: 92462
Ion Ratio Lower Upper
136 100
137 10.4 9.7 14.5
54 8.3 7.7 11.5
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 65.156 ng

RT: 9.607 min Scan# 1077

Delta R.T. 0.006 min

Lab File: BG056704.D

Acq: 22 Feb 2023 19:21

Instrument :

BNA_G

ClientSampleId :

72-11977

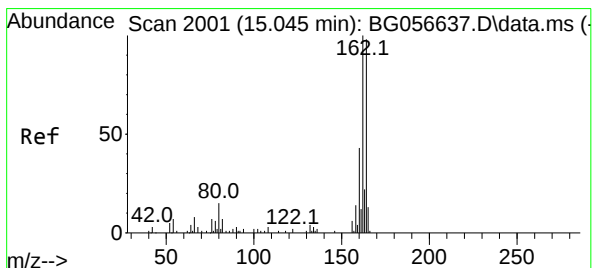
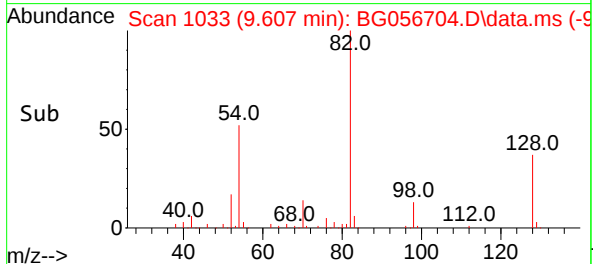
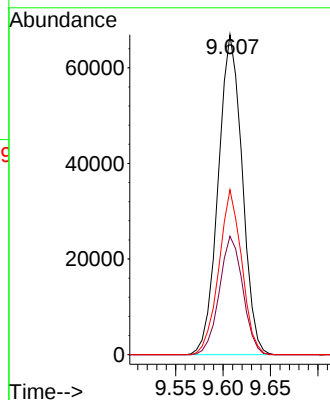
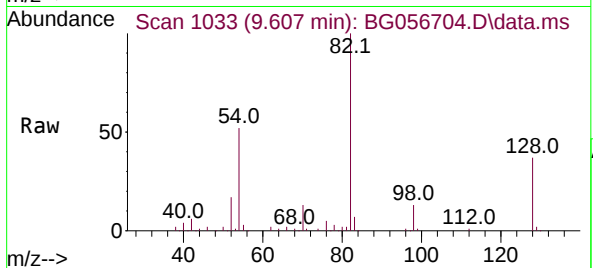
Tgt Ion: 82 Resp: 117663

Ion Ratio Lower Upper

82 100

128 37.0 29.4 44.2

54 51.5 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.036 min Scan# 1957

Delta R.T. -0.000 min

Lab File: BG056704.D

Acq: 22 Feb 2023 19:21

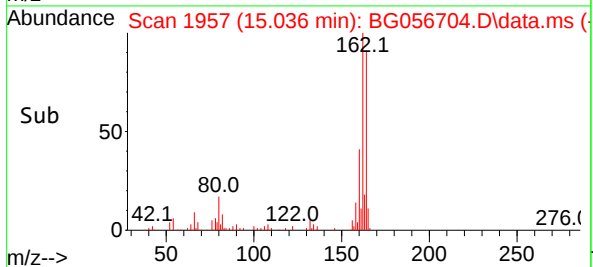
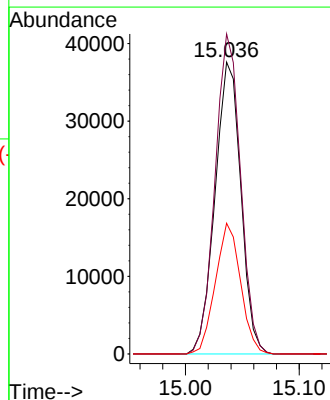
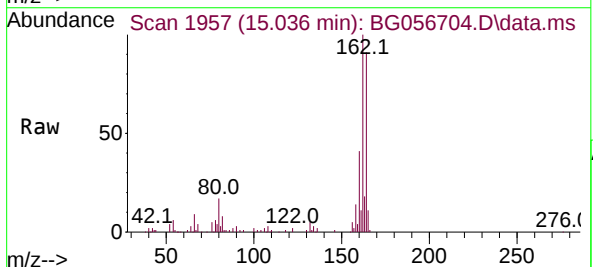
Tgt Ion:164 Resp: 59333

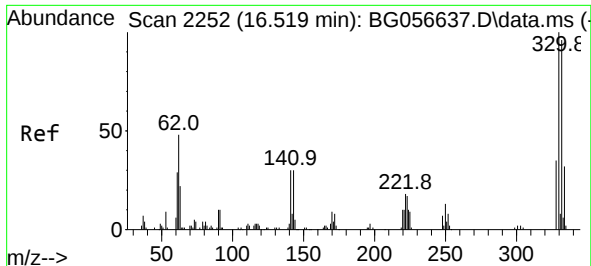
Ion Ratio Lower Upper

164 100

162 109.7 81.3 121.9

160 44.8 35.2 52.8

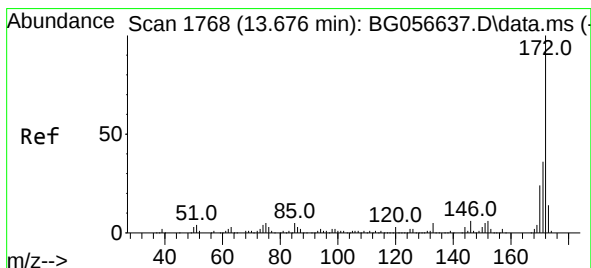
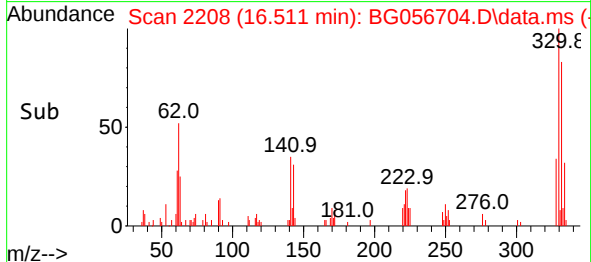
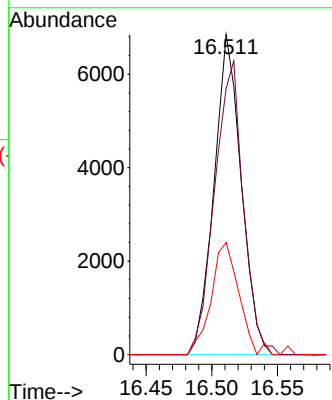
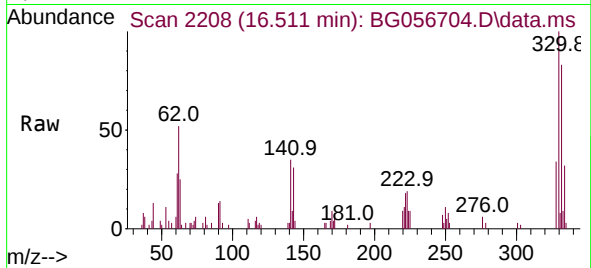




#42
2,4,6-Tribromophenol
Concen: 12.157 ng
RT: 16.511 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

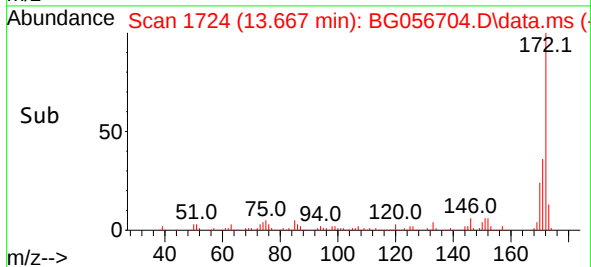
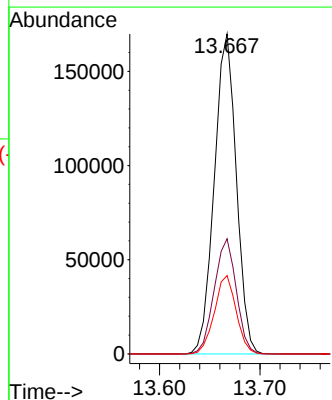
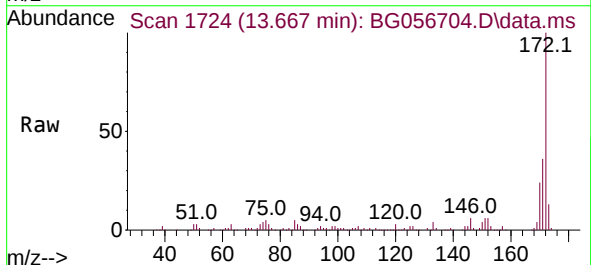
Instrument :
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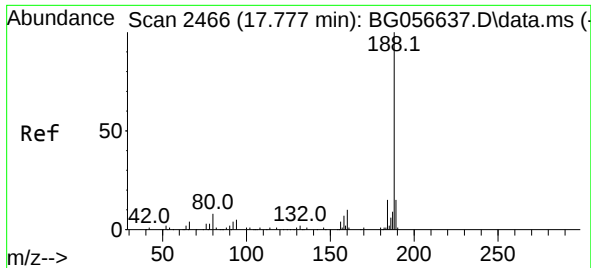
Tgt Ion:330 Resp: 9876
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 35.9 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 58.525 ng
RT: 13.667 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:172 Resp: 259320
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.5 19.4 29.0

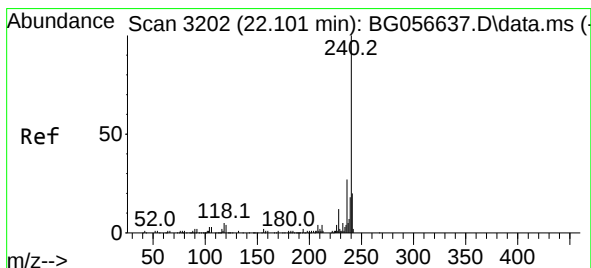
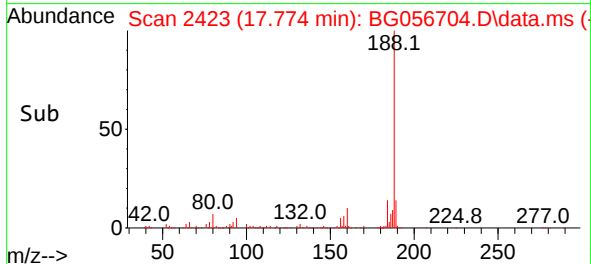
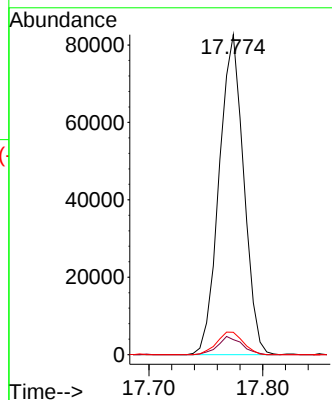
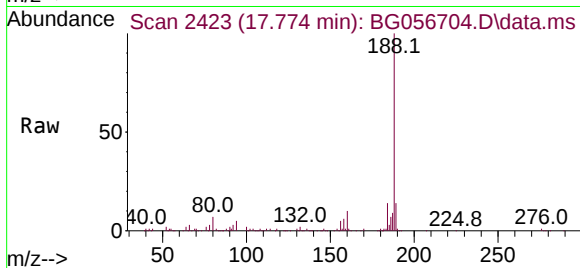




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.774 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

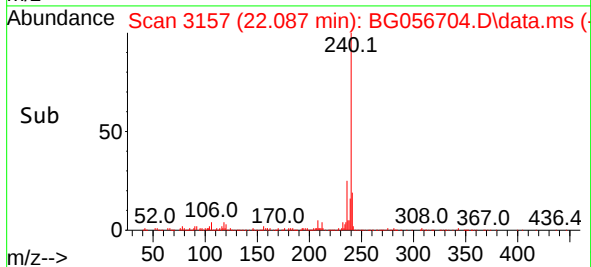
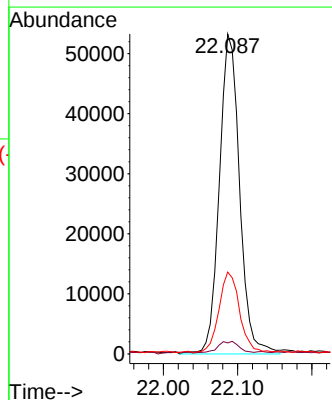
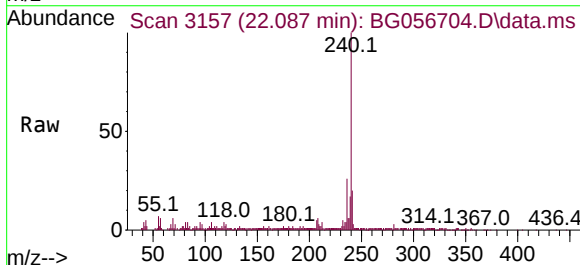
Instrument :
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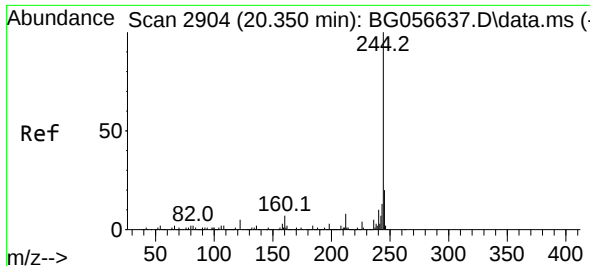
Tgt Ion:188 Resp: 123809
Ion Ratio Lower Upper
188 100
94 4.7 4.0 6.0
80 7.0 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.000 min
Lab File: BG056704.D
Acq: 22 Feb 2023 19:21

Tgt Ion:240 Resp: 100956
Ion Ratio Lower Upper
240 100
120 3.4 3.5 5.3#
236 25.6 21.5 32.3

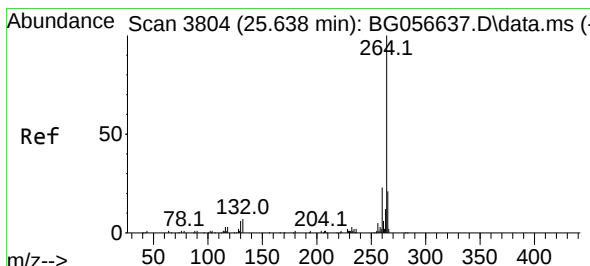
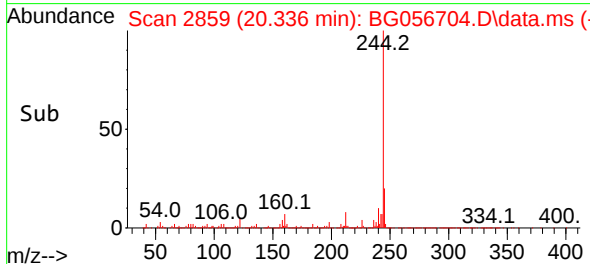
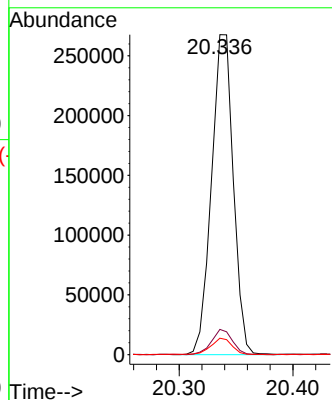
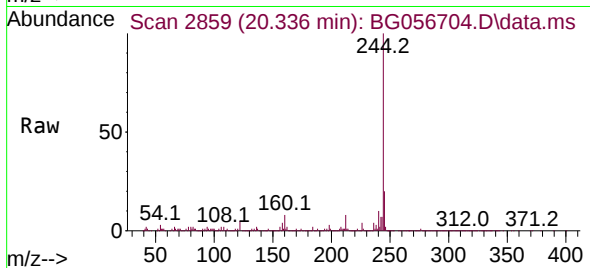




#79
 Terphenyl-d14
 Concen: 57.959 ng
 RT: 20.336 min Scan# 2859
 Delta R.T. -0.000 min
 Lab File: BG056704.D
 Acq: 22 Feb 2023 19:21

Instrument :
 BNA_G
 ClientSampleId :
 72-11977

Tgt Ion:244 Resp: 357634
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 5.1 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.641 min Scan# 3762
 Delta R.T. 0.017 min
 Lab File: BG056704.D
 Acq: 22 Feb 2023 19:21

Tgt Ion:264 Resp: 81999
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 21.2 17.0 25.4

