

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057545.D
 Acq On : 24 May 2023 22:20
 Operator : CG/JU
 Sample : 02894-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-40A

Quant Time: May 25 02:28:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	20332	20.000	ng	-0.01
21) Naphthalene-d8	11.192	136	79183	20.000	ng	-0.01
39) Acenaphthene-d10	14.969	164	55246	20.000	ng	-0.01
64) Phenanthrene-d10	17.707	188	140860	20.000	ng	-0.02
76) Chrysene-d12	22.013	240	137950	20.000	ng	-0.02
86) Perylene-d12	25.514	264	147633	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	155944	131.202	ng	0.00
7) Phenol-d6	7.503	99	227455	126.020	ng	0.00
23) Nitrobenzene-d5	9.535	82	138531	73.428	ng	-0.01
42) 2,4,6-Tribromophenol	16.456	330	108053	137.843	ng	-0.01
45) 2-Fluorobiphenyl	13.595	172	320471	78.125	ng	-0.01
79) Terphenyl-d14	20.280	244	635456	75.173	ng	-0.01

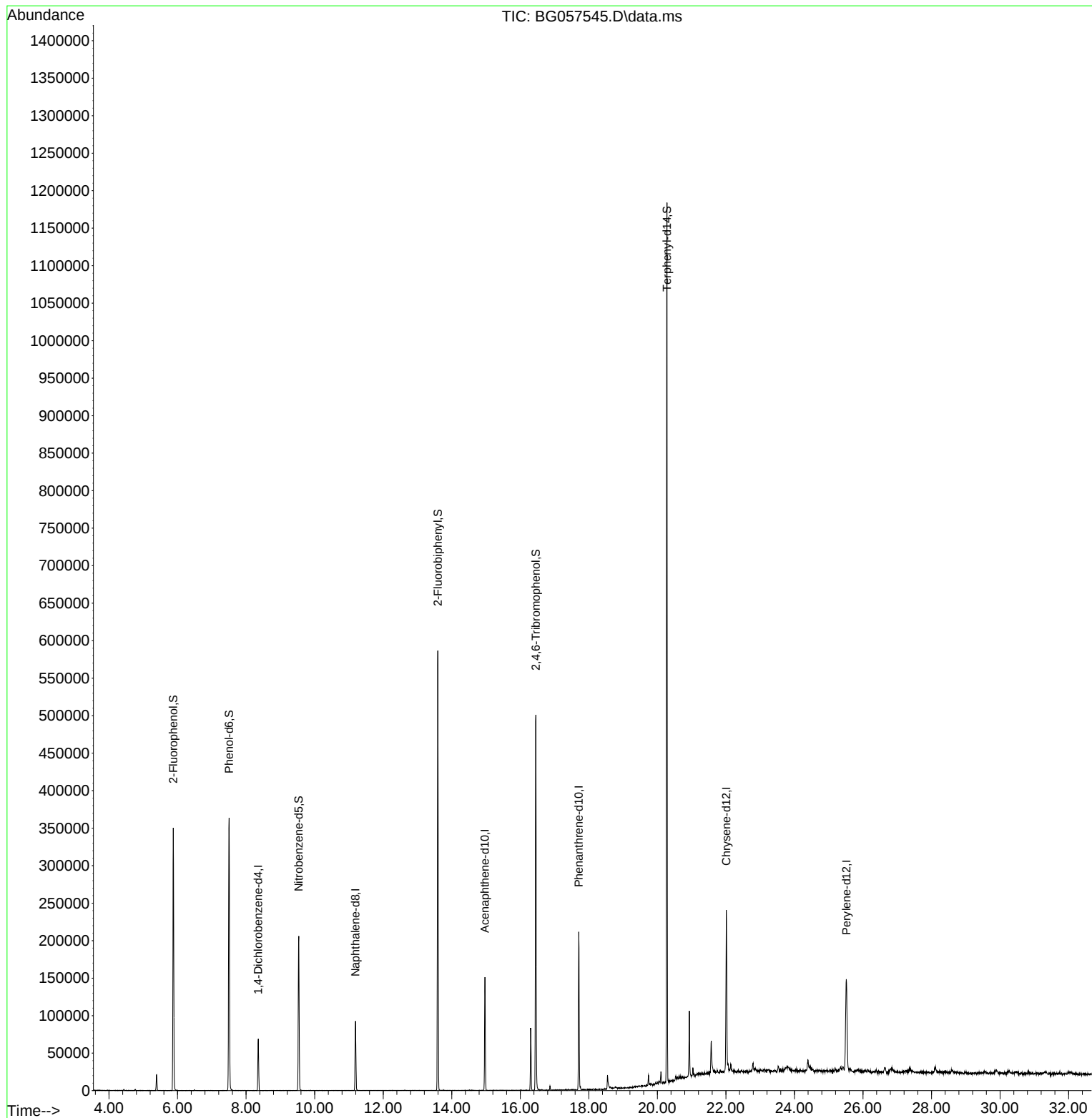
Target Compounds	Qvalue

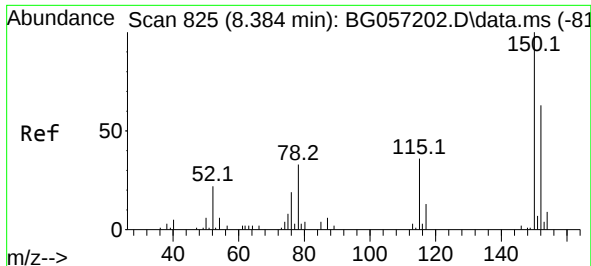
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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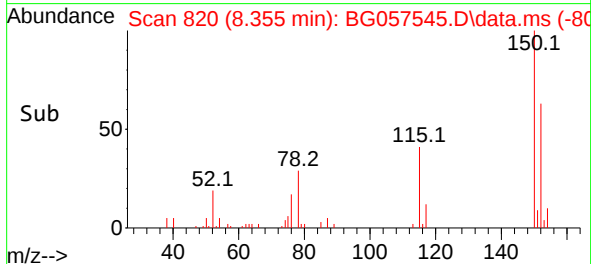
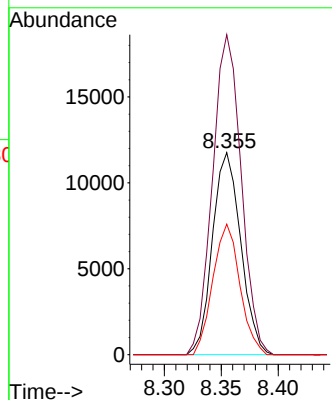
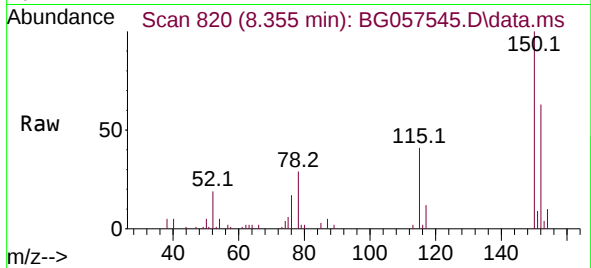




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057545.D
Acq: 24 May 2023 22:20

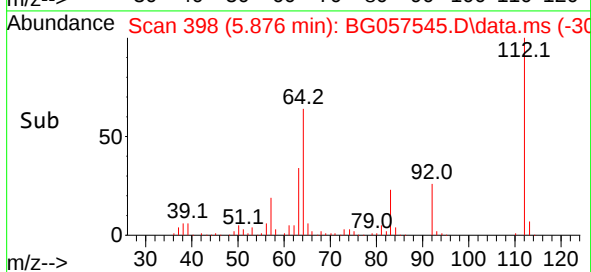
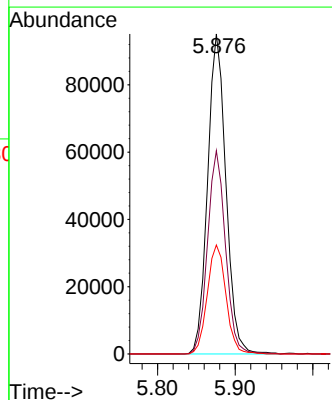
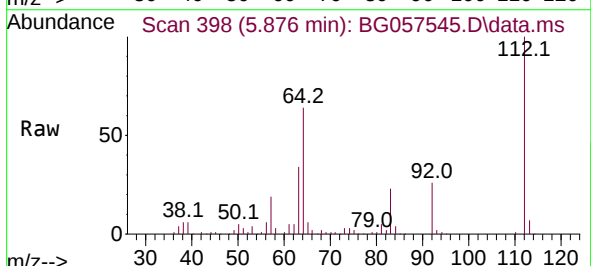
Instrument :
BNA_G
ClientSampleId :
TP-40A

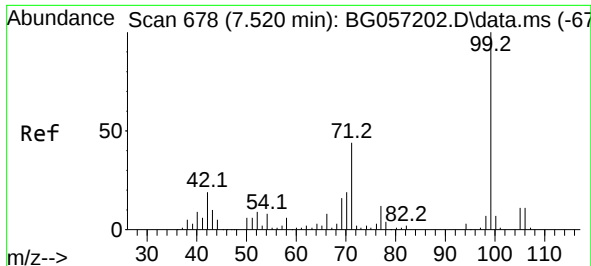
Tgt Ion:152 Resp: 20332
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.4
115 64.6 45.0 67.4



#5
2-Fluorophenol
Concen: 131.202 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.001 min
Lab File: BG057545.D
Acq: 24 May 2023 22:20

Tgt Ion:112 Resp: 155944
Ion Ratio Lower Upper
112 100
64 63.5 49.4 74.2
63 34.1 31.6 47.4

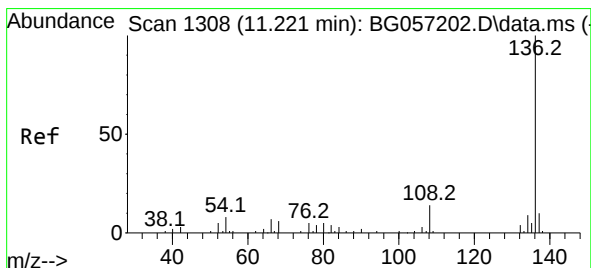
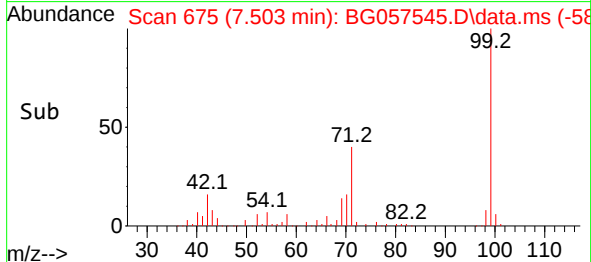
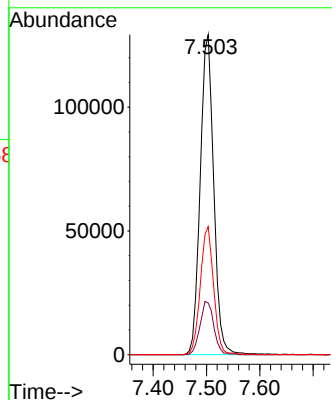
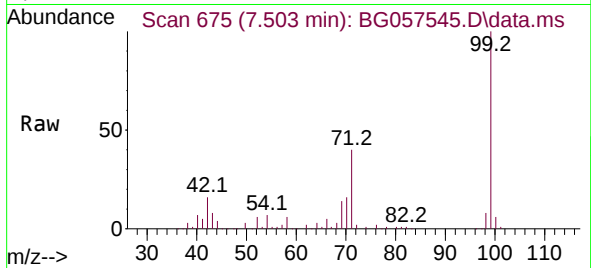




#7
Phenol-d6
Concen: 126.020 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057545.D
Acq: 24 May 2023 22:20

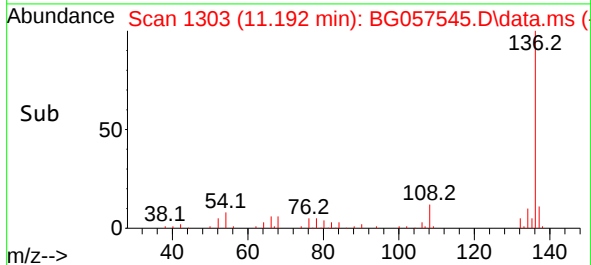
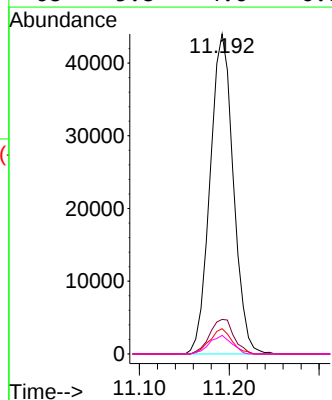
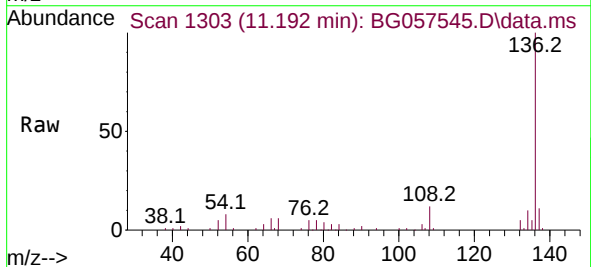
Instrument :
BNA_G
ClientSampleId :
TP-40A

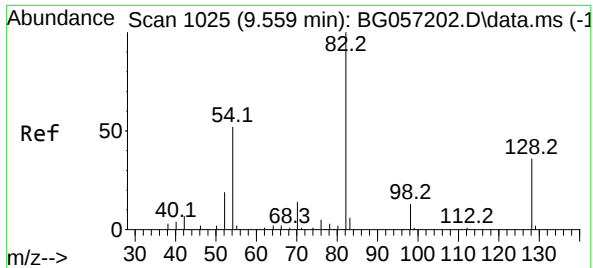
Tgt Ion: 99 Resp: 227455
Ion Ratio Lower Upper
99 100
42 16.2 15.1 22.7
71 40.0 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BG057545.D
Acq: 24 May 2023 22:20

Tgt Ion: 136 Resp: 79183
Ion Ratio Lower Upper
136 100
137 10.8 8.3 12.5
54 7.9 6.7 10.1
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 73.428 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.011 min

Lab File: BG057545.D

Acq: 24 May 2023 22:20

Instrument :

BNA_G

ClientSampleId :

TP-40A

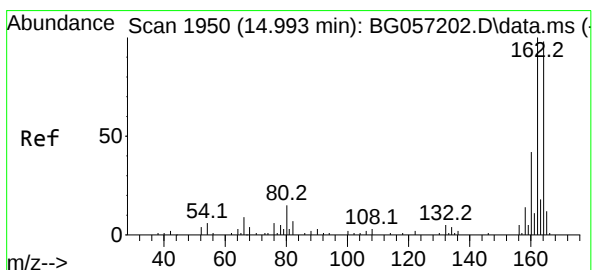
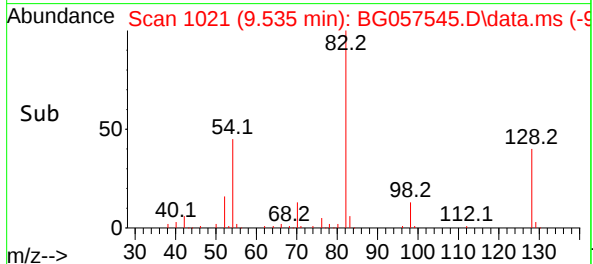
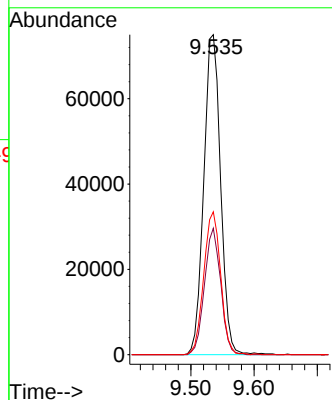
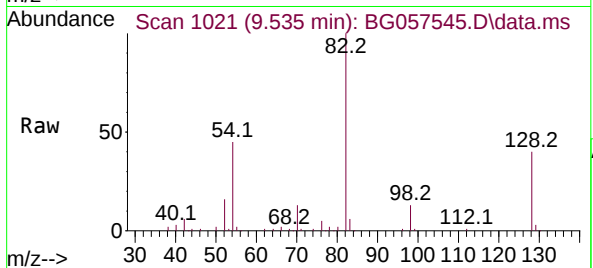
Tgt Ion: 82 Resp: 138531

Ion Ratio Lower Upper

82 100

128 39.5 29.0 43.4

54 44.6 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.011 min

Lab File: BG057545.D

Acq: 24 May 2023 22:20

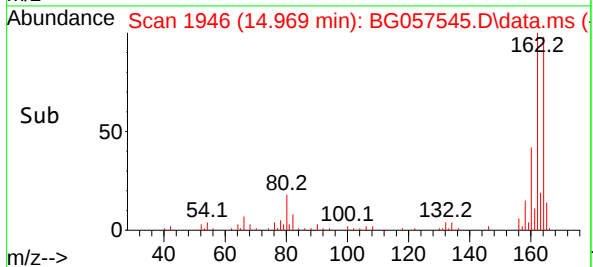
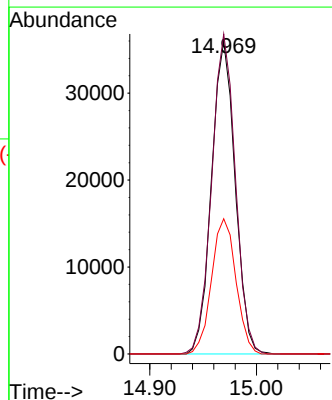
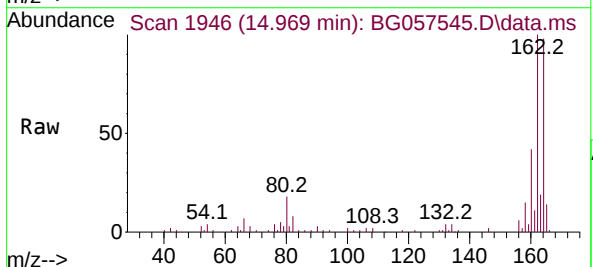
Tgt Ion:164 Resp: 55246

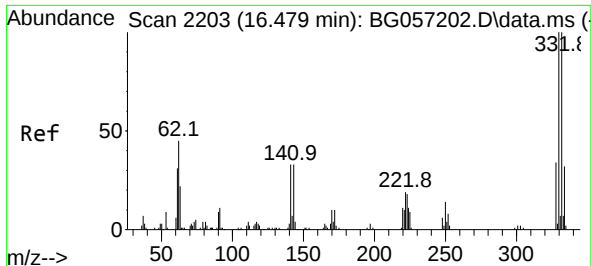
Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

160 43.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 137.843 ng

RT: 16.456 min Scan# 2199

Delta R.T. -0.011 min

Lab File: BG057545.D

Acq: 24 May 2023 22:20

Instrument :

BNA_G

ClientSampleId :

TP-40A

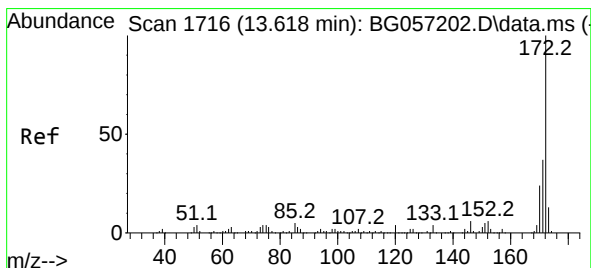
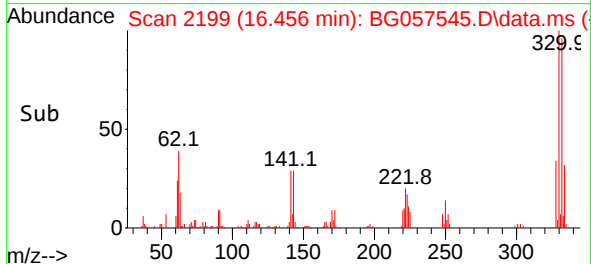
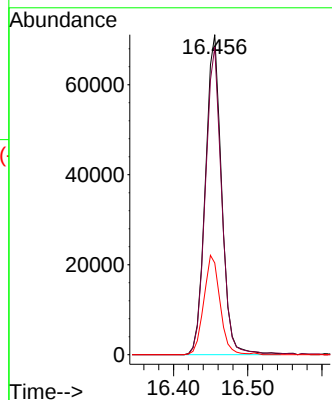
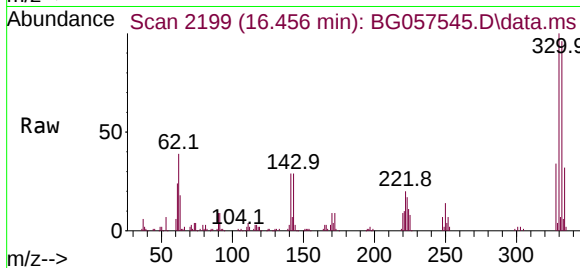
Tgt Ion:330 Resp: 108053

Ion Ratio Lower Upper

330 100

332 95.7 78.2 117.2

141 31.0 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 78.125 ng

RT: 13.595 min Scan# 1712

Delta R.T. -0.011 min

Lab File: BG057545.D

Acq: 24 May 2023 22:20

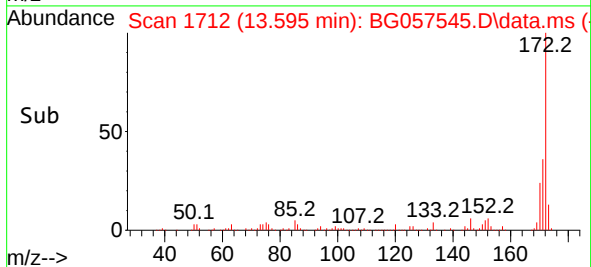
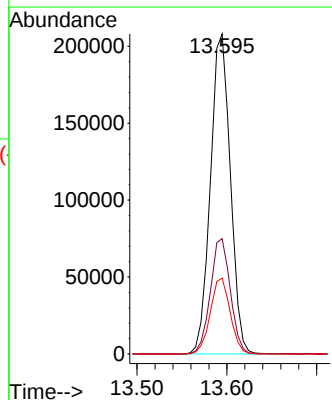
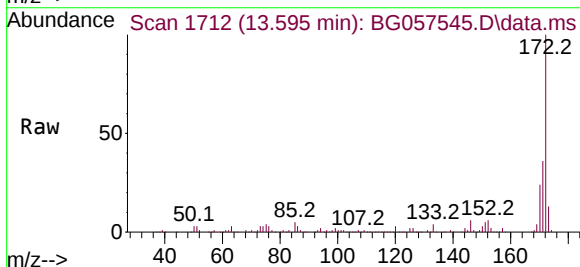
Tgt Ion:172 Resp: 320471

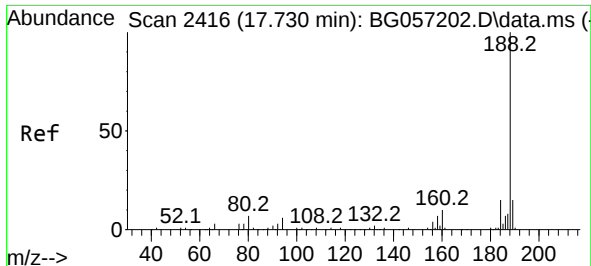
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.7 19.0 28.6

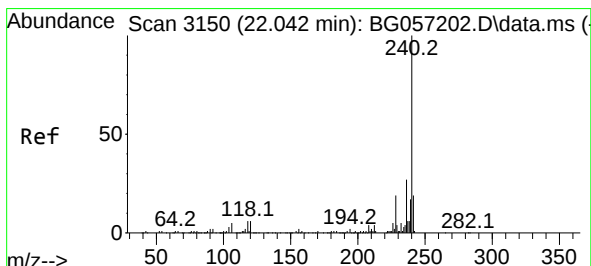
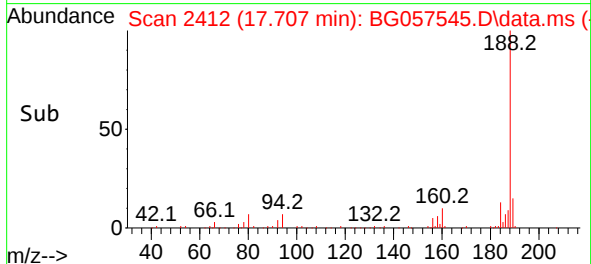
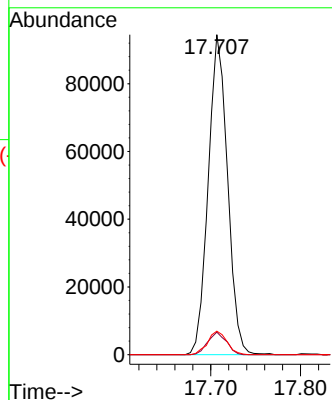
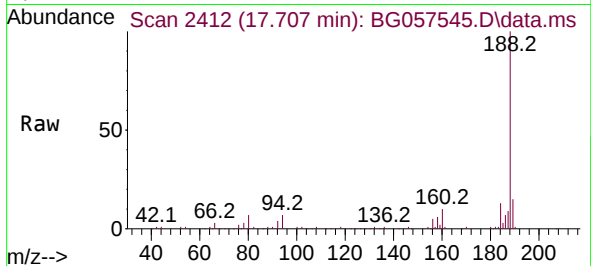




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2416
Delta R.T. -0.017 min
Lab File: BG057545.D
Acq: 24 May 2023 22:20

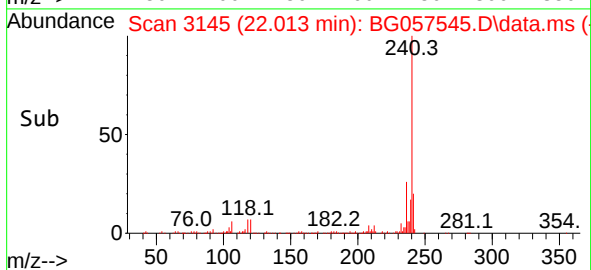
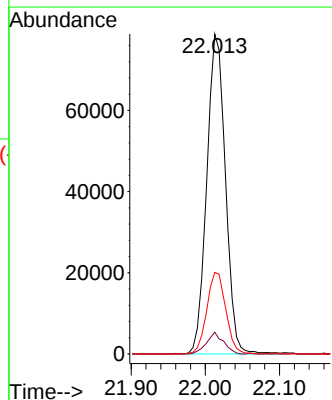
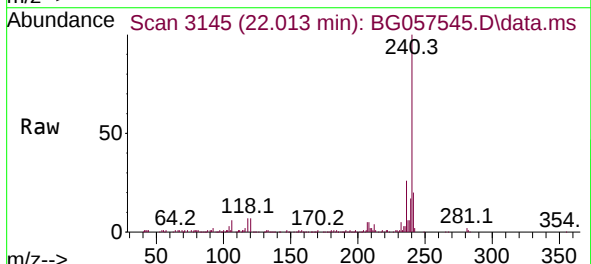
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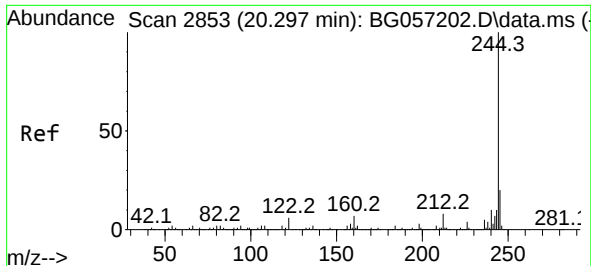
Tgt Ion:188 Resp: 140860
Ion Ratio Lower Upper
188 100
94 7.0 5.1 7.7
80 7.4 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3145
Delta R.T. -0.023 min
Lab File: BG057545.D
Acq: 24 May 2023 22:20

Tgt Ion:240 Resp: 137950
Ion Ratio Lower Upper
240 100
120 6.8 4.9 7.3
236 25.5 21.4 32.2

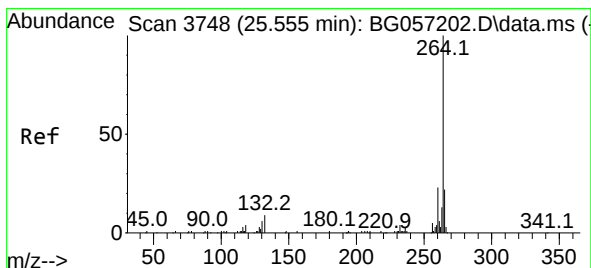
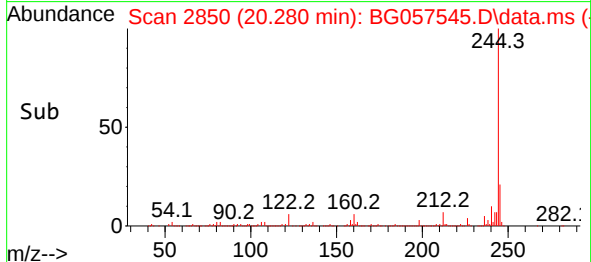
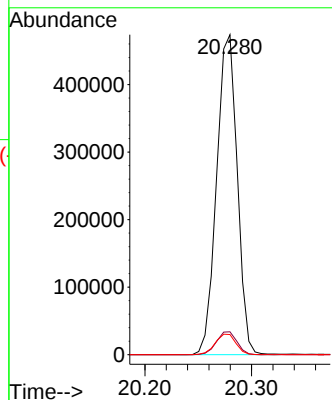
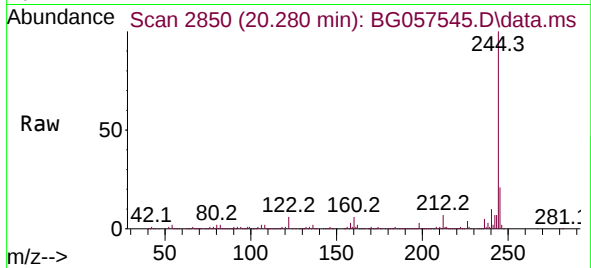




#79
 Terphenyl-d14
 Concen: 75.173 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057545.D
 Acq: 24 May 2023 22:20

Instrument :
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 ClientSampleId :
 TP-40A

Tgt Ion:244 Resp: 635456
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.3 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.514 min Scan# 3741
 Delta R.T. -0.029 min
 Lab File: BG057545.D
 Acq: 24 May 2023 22:20

Tgt Ion:264 Resp: 147633
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.8 28.2
 265 21.8 17.9 26.9

