

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054940.D
 Acq On : 14 Sep 2022 11:33
 Operator : CG/JU
 Sample : PB147612BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147612BL

Quant Time: Sep 15 03:18:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 03:14:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	36881	20.000	ng	0.00
21) Naphthalene-d8	10.961	136	144145	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	97855	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	236454	20.000	ng	0.00
76) Chrysene-d12	21.813	240	255678	20.000	ng	0.00
86) Perylene-d12	25.186	264	264043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	302163	142.668	ng	0.00
7) Phenol-d6	7.289	99	388808	134.236	ng	0.00
23) Nitrobenzene-d5	9.310	82	227614	82.895	ng	0.00
42) 2,4,6-Tribromophenol	16.261	330	177953	145.534	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	593461	91.153	ng	0.00
79) Terphenyl-d14	20.121	244	1155136	89.518	ng	0.00

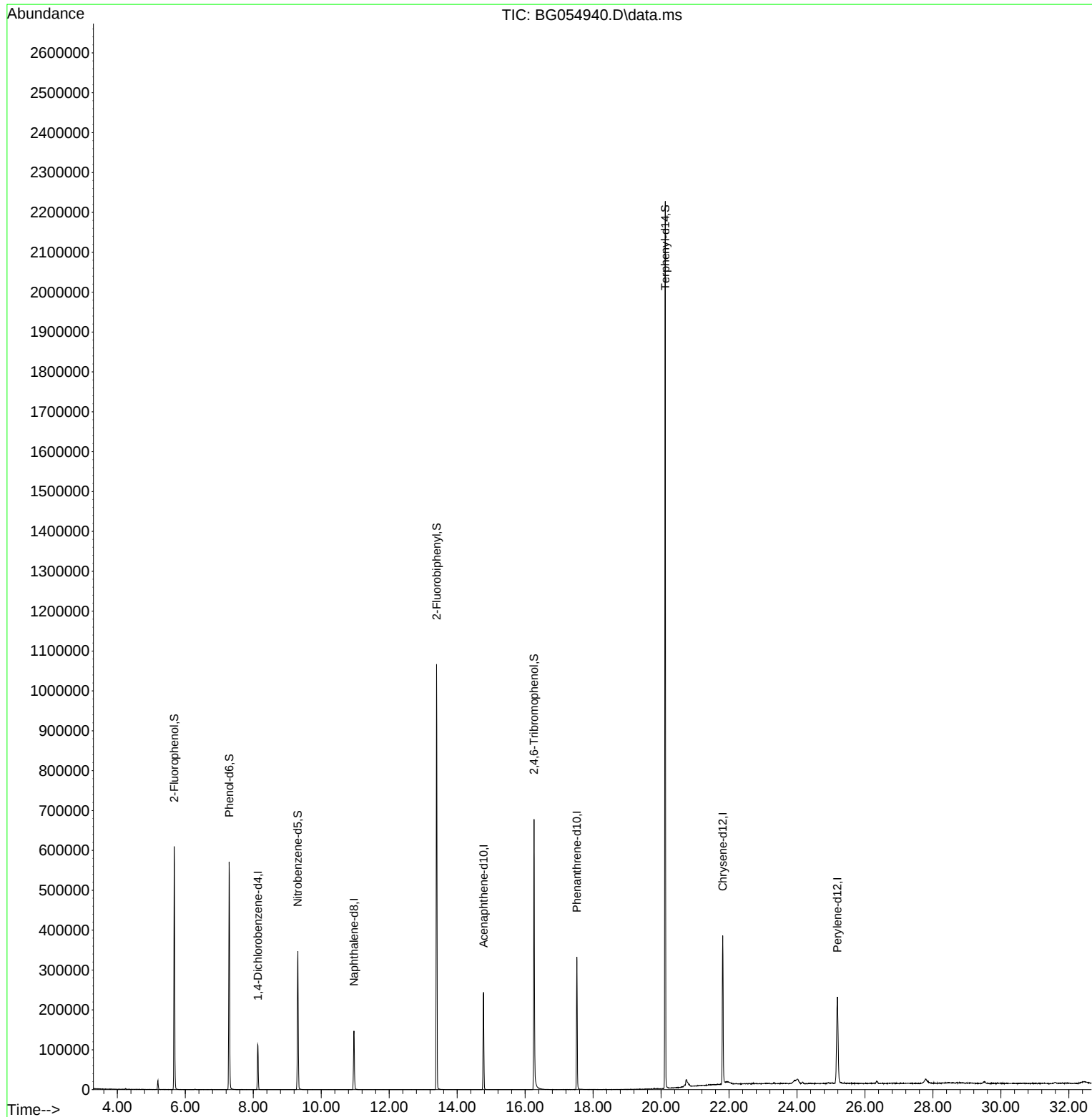
Target Compounds	Qvalue

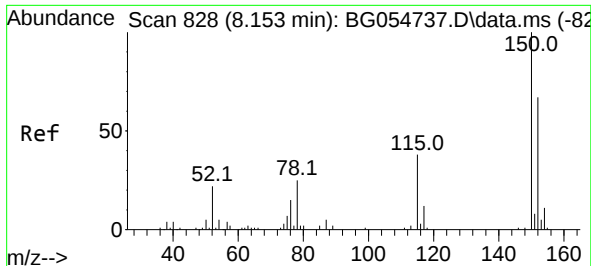
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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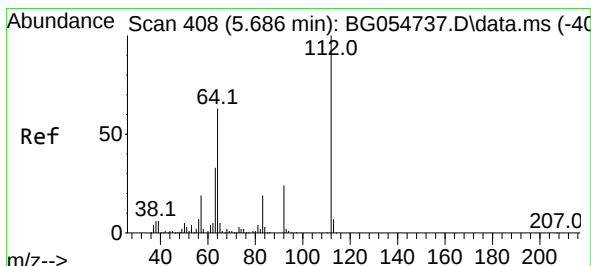
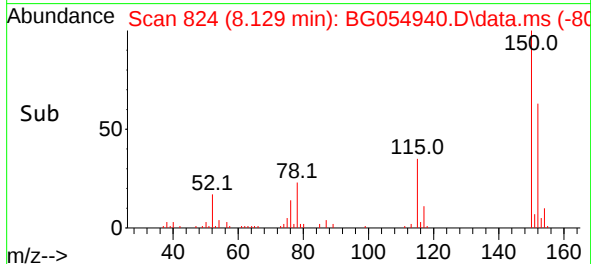
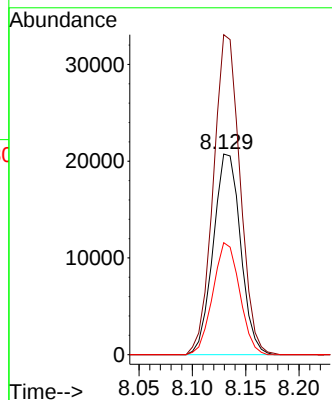
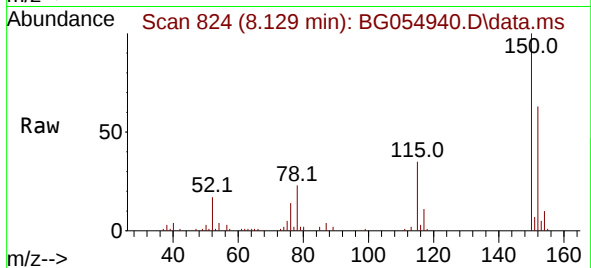




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054940.D
Acq: 14 Sep 2022 11:33

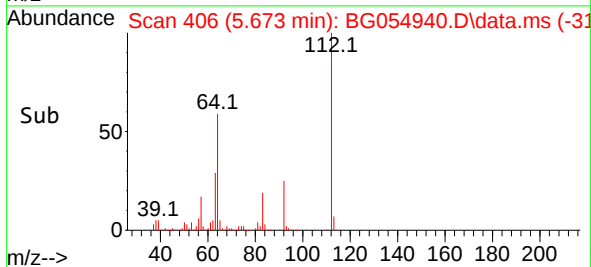
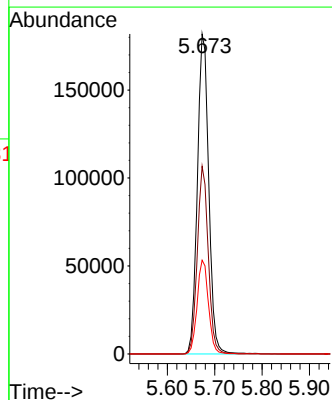
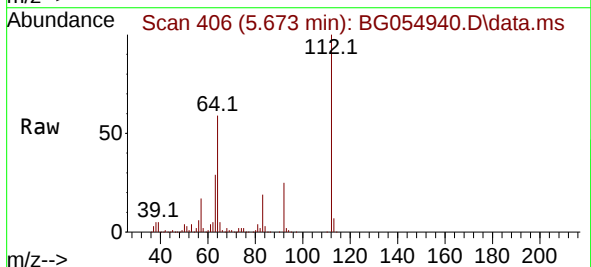
Instrument :
BNA_G
ClientSampleId :
PB147612BL

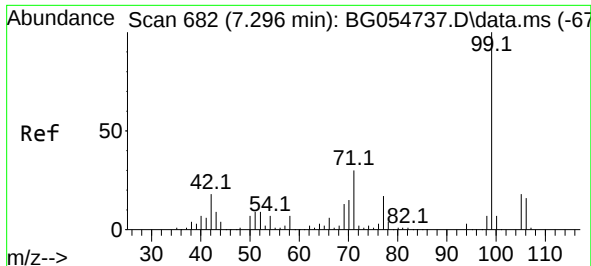
Tgt Ion:152 Resp: 36881
Ion Ratio Lower Upper
152 100
150 159.5 125.2 187.8
115 55.8 47.9 71.9



#5
2-Fluorophenol
Concen: 142.668 ng
RT: 5.673 min Scan# 406
Delta R.T. 0.000 min
Lab File: BG054940.D
Acq: 14 Sep 2022 11:33

Tgt Ion:112 Resp: 302163
Ion Ratio Lower Upper
112 100
64 58.6 49.3 73.9
63 29.3 26.3 39.5

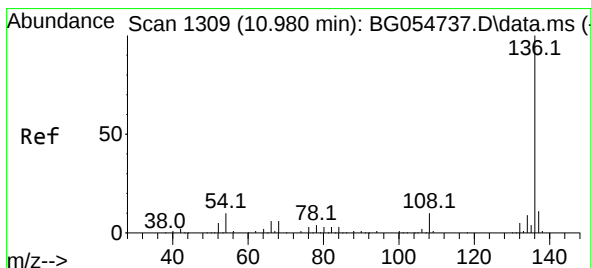
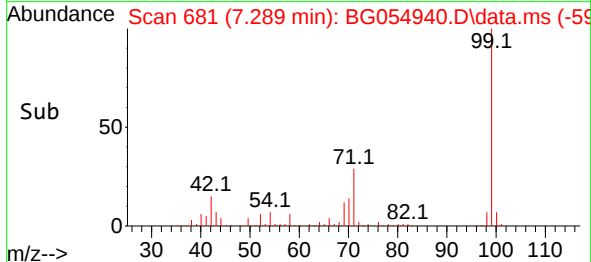
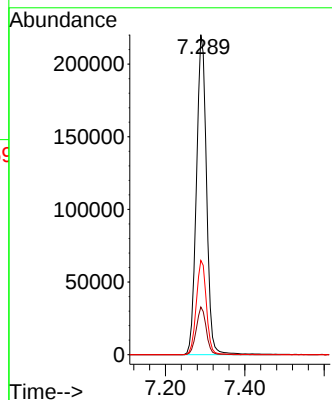
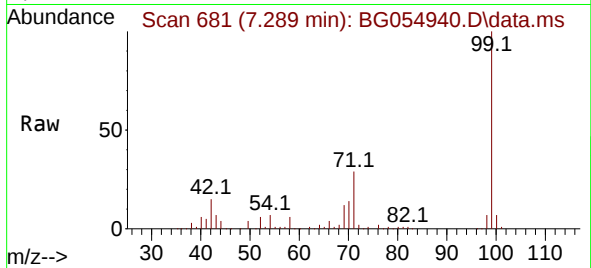




#7
Phenol-d6
Concen: 134.236 ng
RT: 7.289 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054940.D
Acq: 14 Sep 2022 11:33

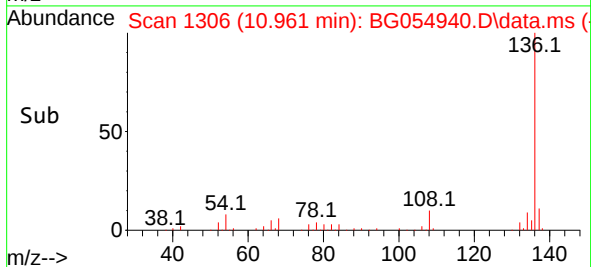
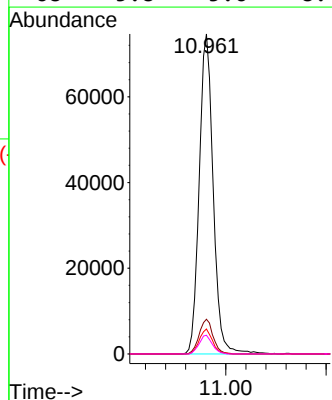
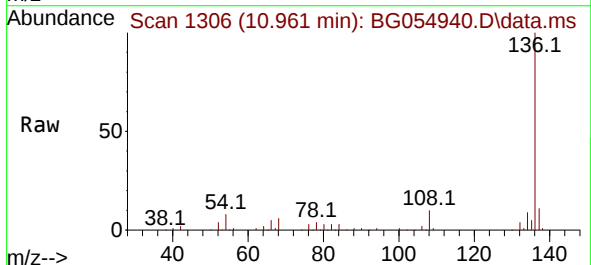
Instrument :
BNA_G
ClientSampleId :
PB147612BL

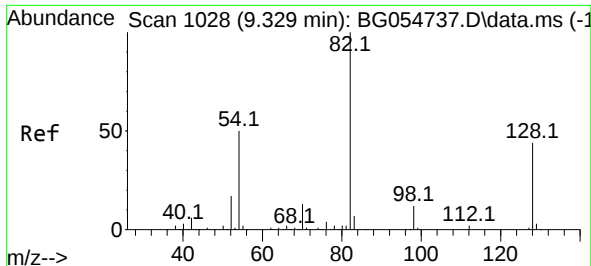
Tgt Ion: 99 Resp: 388808
Ion Ratio Lower Upper
99 100
42 14.9 14.6 22.0
71 29.5 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BG054940.D
Acq: 14 Sep 2022 11:33

Tgt Ion: 136 Resp: 144145
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.8 7.7 11.5
68 5.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 82.895 ng

RT: 9.310 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BG054940.D

Acq: 14 Sep 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB147612BL

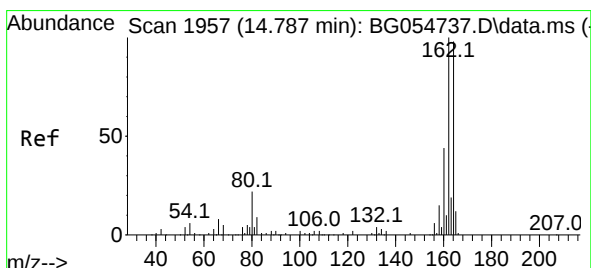
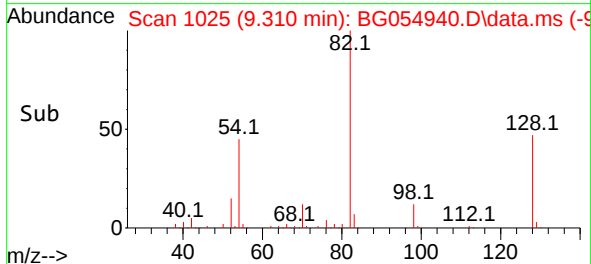
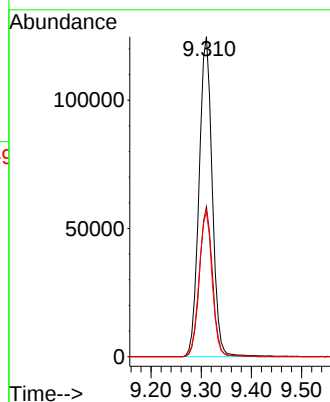
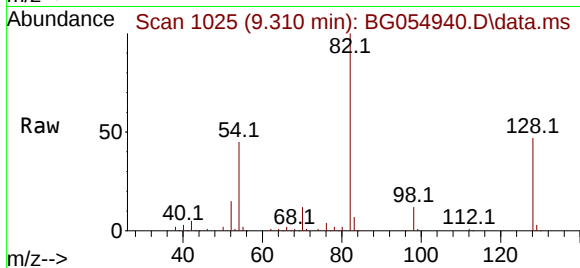
Tgt Ion: 82 Resp: 227614

Ion Ratio Lower Upper

82 100

128 46.9 32.2 48.2

54 45.4 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BG054940.D

Acq: 14 Sep 2022 11:33

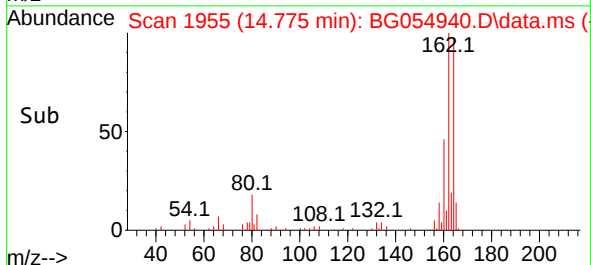
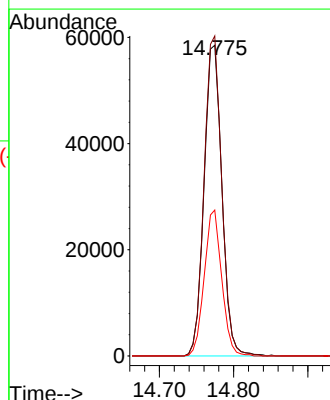
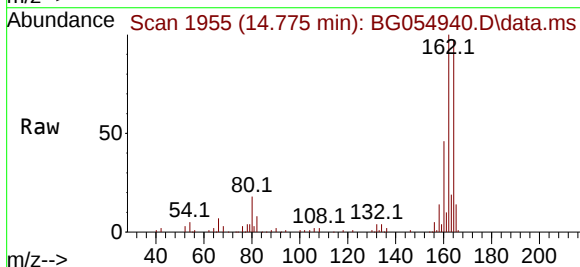
Tgt Ion:164 Resp: 97855

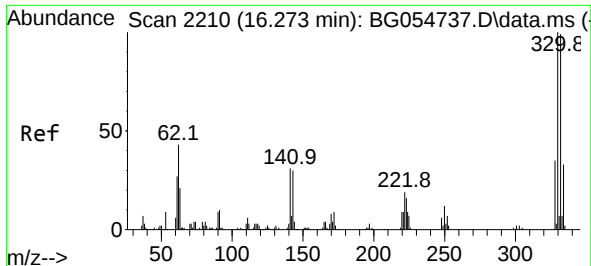
Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.4

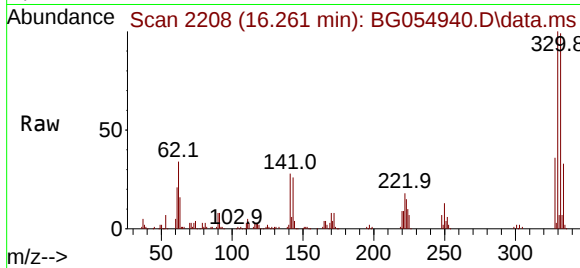
160 47.0 38.0 57.0



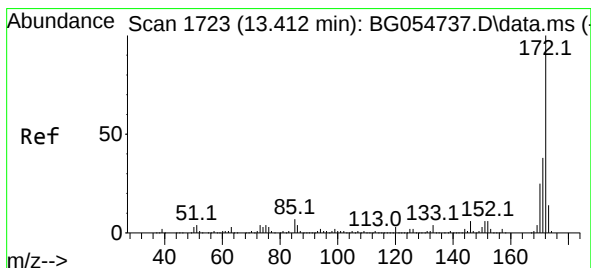
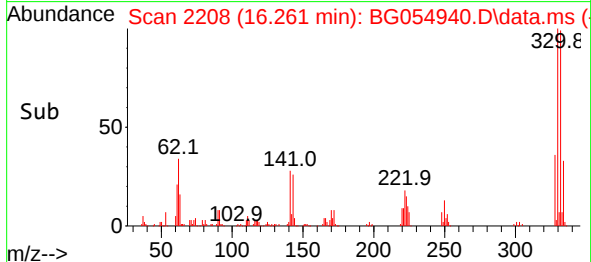
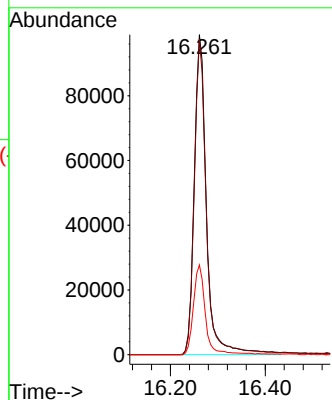


#42
 2,4,6-Tribromophenol
 Concen: 145.534 ng
 RT: 16.261 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054940.D
 Acq: 14 Sep 2022 11:33

Instrument :
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 PB147612BL

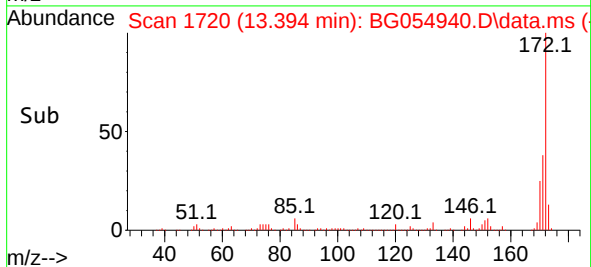
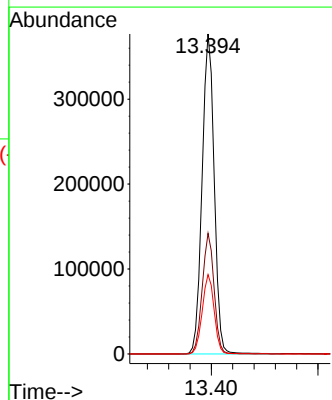
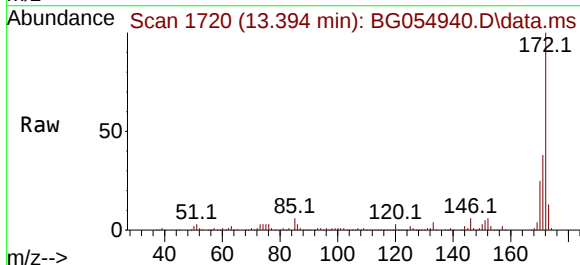


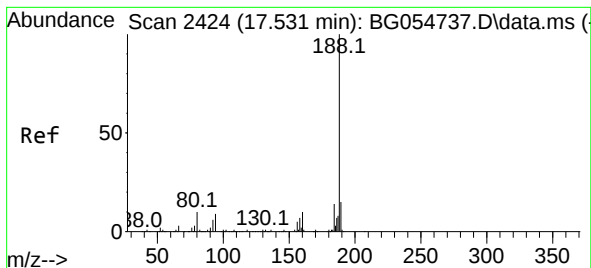
Tgt Ion:330 Resp: 177953
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.8 119.6
 141 27.2 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 91.153 ng
 RT: 13.394 min Scan# 1720
 Delta R.T. 0.000 min
 Lab File: BG054940.D
 Acq: 14 Sep 2022 11:33

Tgt Ion:172 Resp: 593461
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.2 46.8
 170 24.8 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.518 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG054940.D

Acq: 14 Sep 2022 11:33

Instrument :

BNA_G

ClientSampleId :

PB147612BL

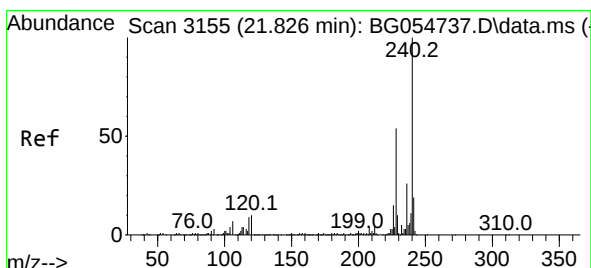
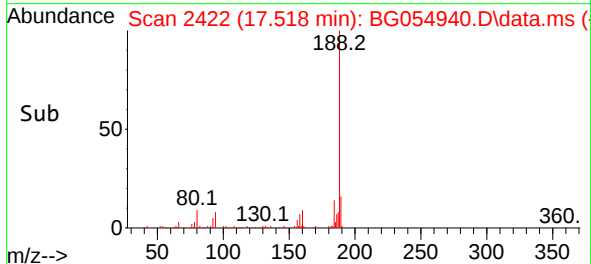
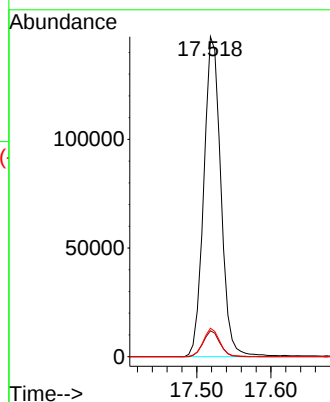
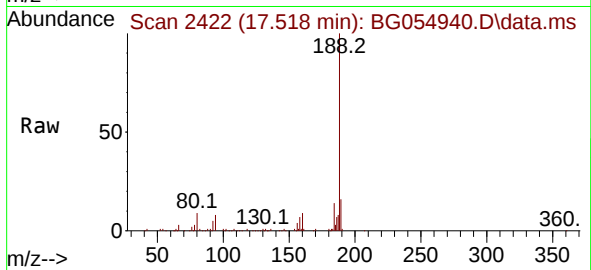
Tgt Ion:188 Resp: 236454

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.4

80 8.9 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.813 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BG054940.D

Acq: 14 Sep 2022 11:33

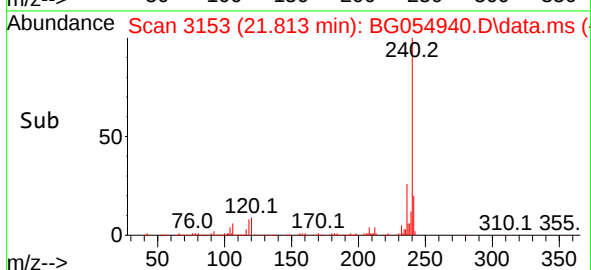
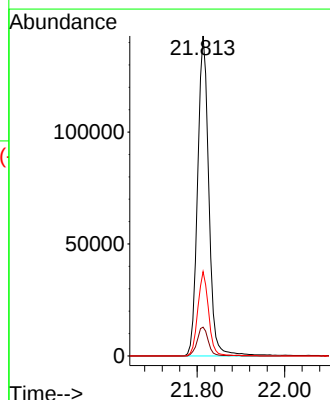
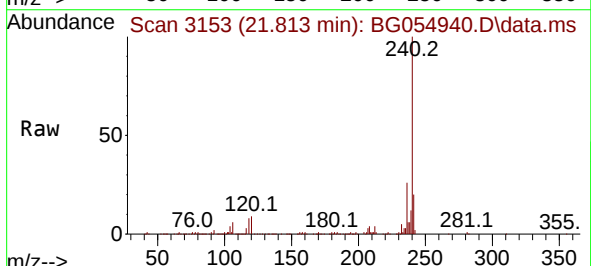
Tgt Ion:240 Resp: 255678

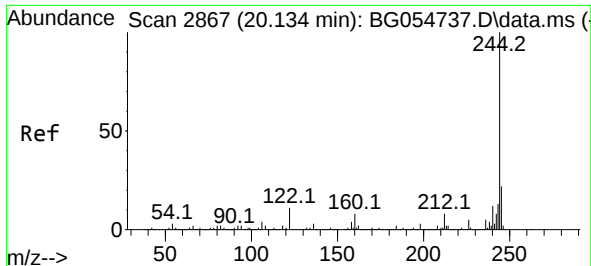
Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.4

236 26.4 21.2 31.8

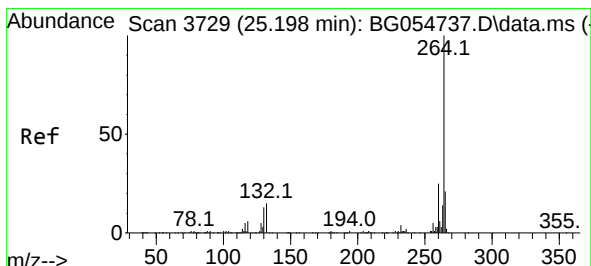
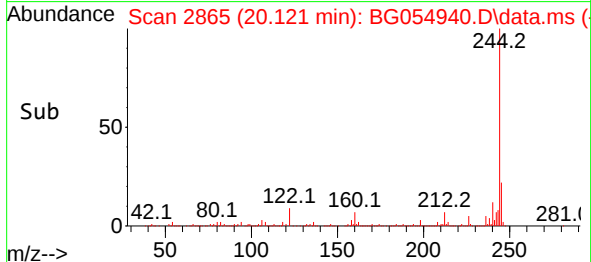
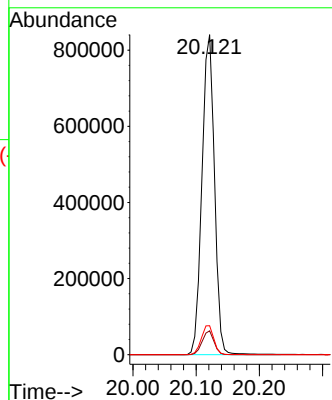
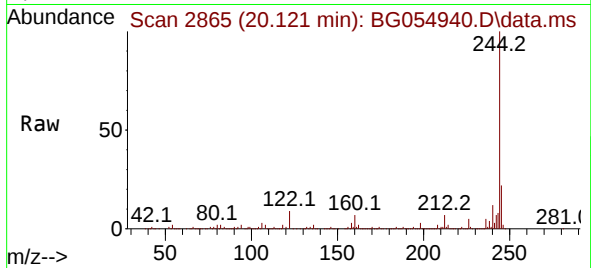




#79
 Terphenyl-d14
 Concen: 89.518 ng
 RT: 20.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054940.D
 Acq: 14 Sep 2022 11:33

Instrument :
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 ClientSampleId :
 PB147612BL

Tgt Ion:244 Resp: 1155136
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.0 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3727
 Delta R.T. 0.000 min
 Lab File: BG054940.D
 Acq: 14 Sep 2022 11:33

Tgt Ion:264 Resp: 264043
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.7 16.9 25.3

