

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090722\
 Data File : BG054876.D
 Acq On : 7 Sep 2022 19:58
 Operator : CG/JU
 Sample : N4514-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-090622

Quant Time: Sep 08 04:47:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	57614	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	232058	20.000	ng	# 0.00
39) Acenaphthene-d10	14.786	164	145356	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	296021	20.000	ng	0.00
76) Chrysene-d12	21.830	240	286062	20.000	ng	0.00
86) Perylene-d12	25.209	264	308725	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	59464	17.973	ng	0.00
7) Phenol-d6	7.300	99	79789	17.634	ng	0.00
23) Nitrobenzene-d5	9.321	82	47158	10.668	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	30314	16.690	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	109771	11.351	ng	0.00
79) Terphenyl-d14	20.126	244	149500	10.355	ng	0.00

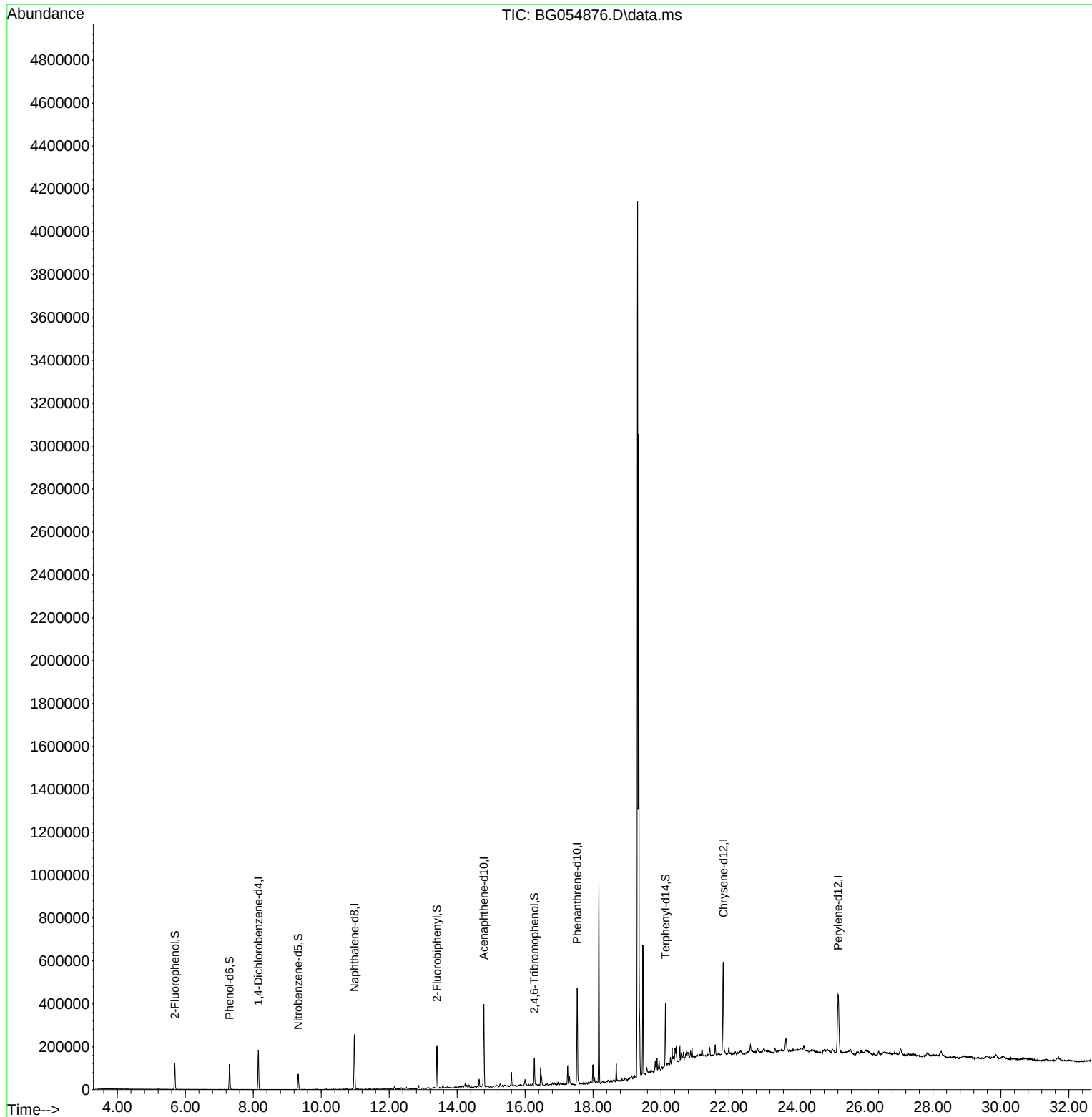
Target Compounds	Qvalue

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

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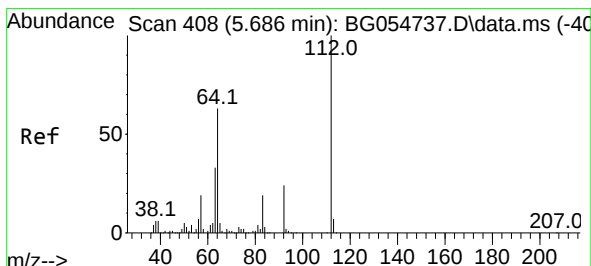
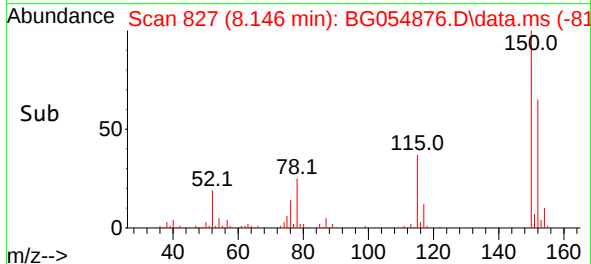
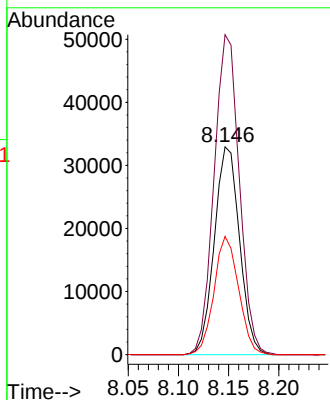
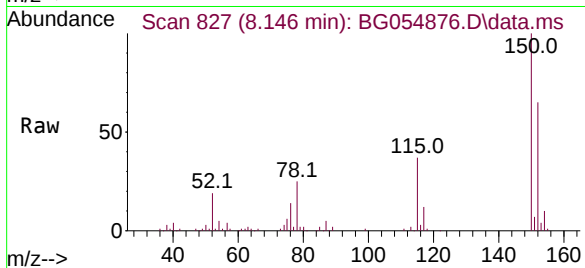




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054876.D
Acq: 7 Sep 2022 19:58

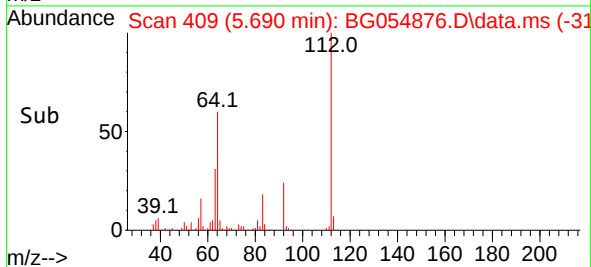
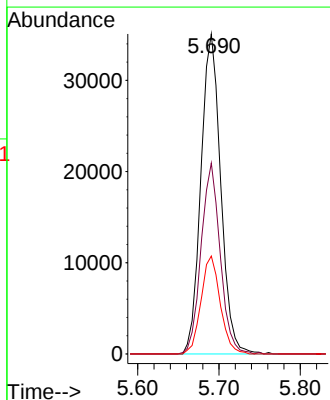
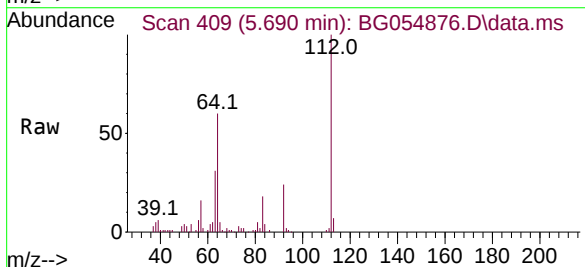
Instrument :
BNA_G
ClientSampleId :
EO-02-090622

Tgt Ion:152 Resp: 57614
Ion Ratio Lower Upper
152 100
150 154.0 125.2 187.8
115 56.8 47.9 71.9



#5
2-Fluorophenol
Concen: 17.973 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054876.D
Acq: 7 Sep 2022 19:58

Tgt Ion:112 Resp: 59464
Ion Ratio Lower Upper
112 100
64 59.6 49.3 73.9
63 30.6 26.3 39.5

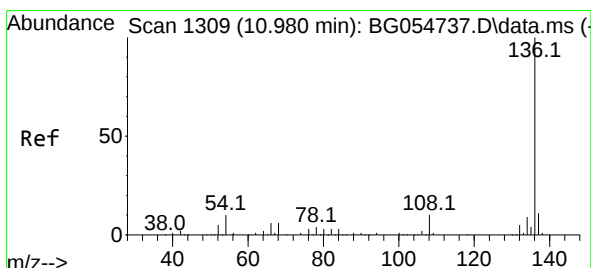
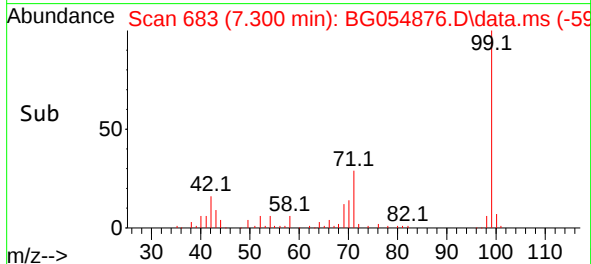
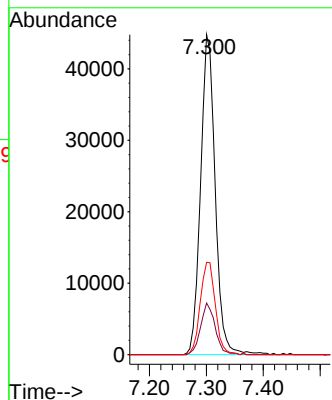
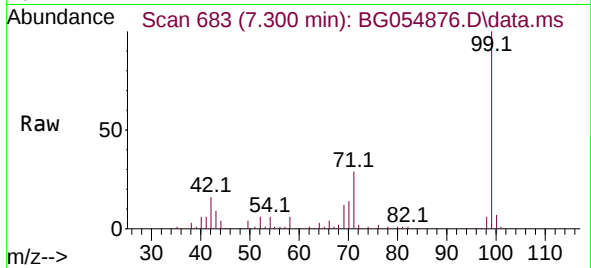




#7
Phenol-d6
Concen: 17.634 ng
RT: 7.300 min Scan# 682
Delta R.T. 0.005 min
Lab File: BG054876.D
Acq: 7 Sep 2022 19:58

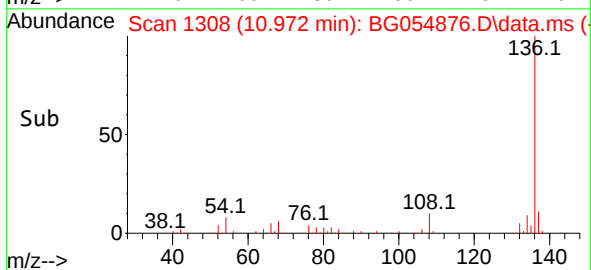
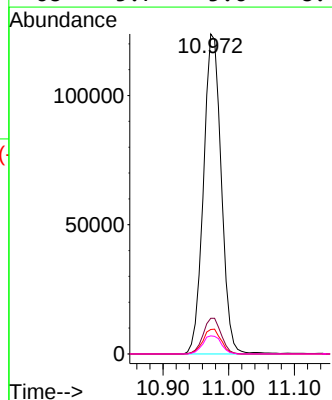
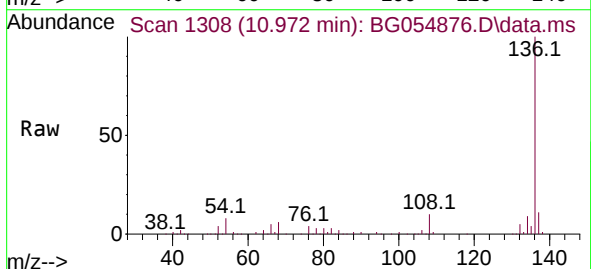
Instrument :
BNA_G
ClientSampleId :
EO-02-090622

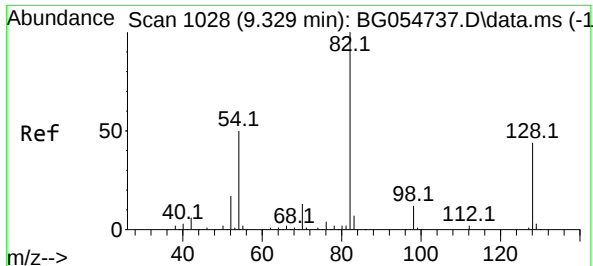
Tgt Ion: 99 Resp: 79789
Ion Ratio Lower Upper
99 100
42 16.1 14.6 22.0
71 28.8 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1308
Delta R.T. -0.008 min
Lab File: BG054876.D
Acq: 7 Sep 2022 19:58

Tgt Ion: 136 Resp: 232058
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.6 7.7 11.5#
68 5.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 10.668 ng

RT: 9.321 min Scan# 1028

Delta R.T. -0.007 min

Lab File: BG054876.D

Acq: 7 Sep 2022 19:58

Instrument :

BNA_G

ClientSampleId :

EO-02-090622

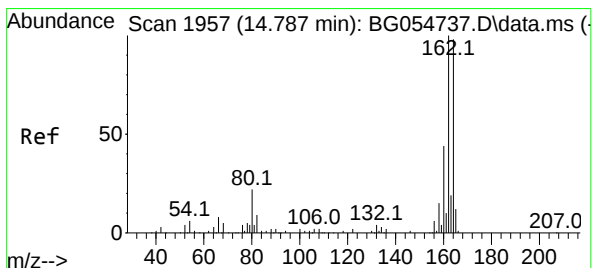
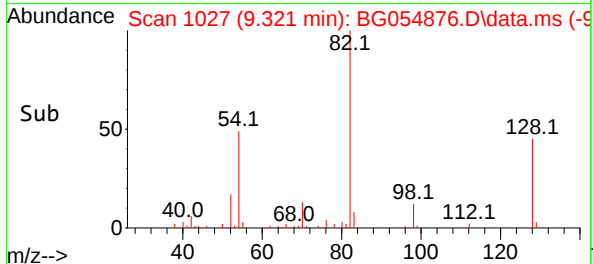
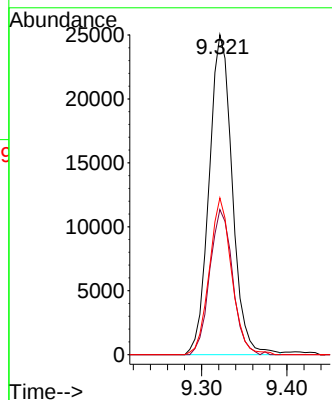
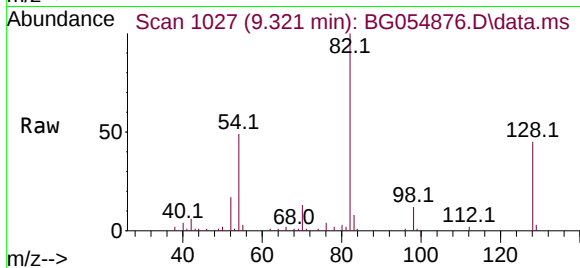
Tgt Ion: 82 Resp: 47158

Ion Ratio Lower Upper

82 100

128 45.3 32.2 48.2

54 49.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.786 min Scan# 1957

Delta R.T. -0.001 min

Lab File: BG054876.D

Acq: 7 Sep 2022 19:58

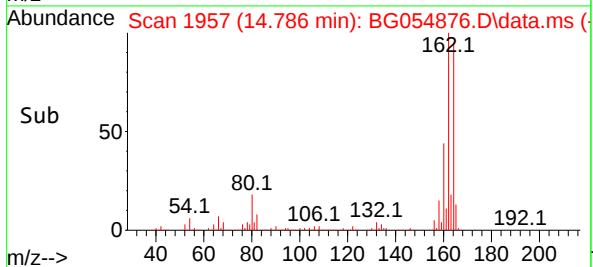
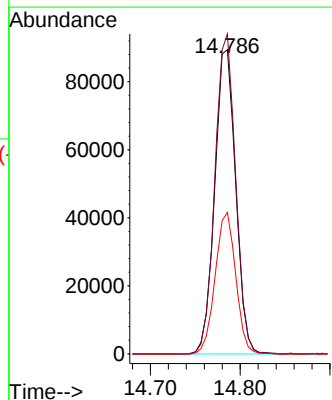
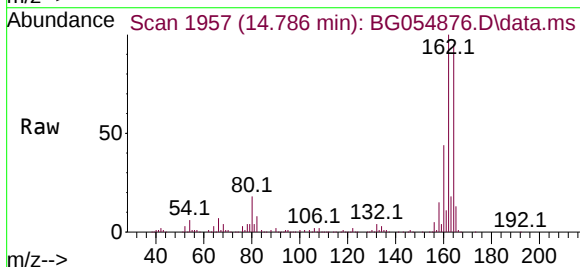
Tgt Ion:164 Resp: 145356

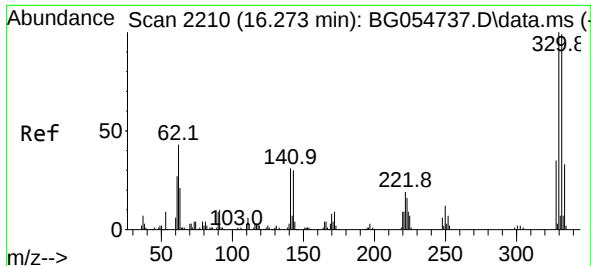
Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.4

160 46.5 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 16.690 ng

RT: 16.272 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG054876.D

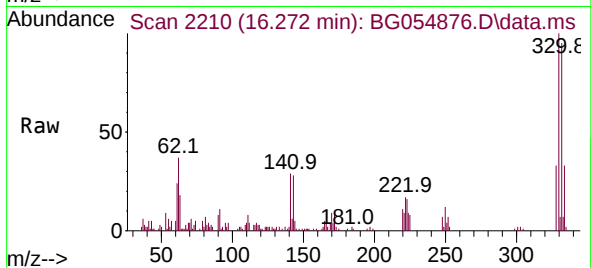
Acq: 7 Sep 2022 19:58

Instrument :

BNA_G

ClientSampleId :

EO-02-090622



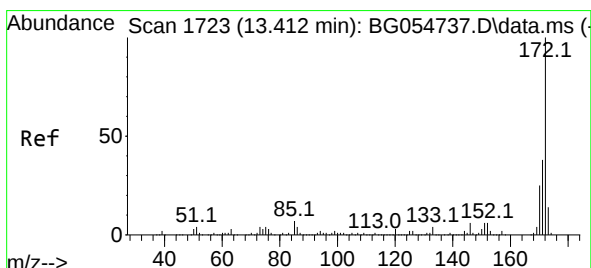
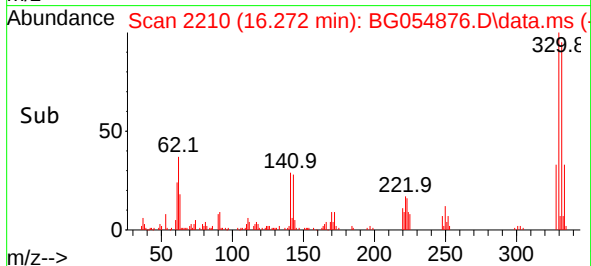
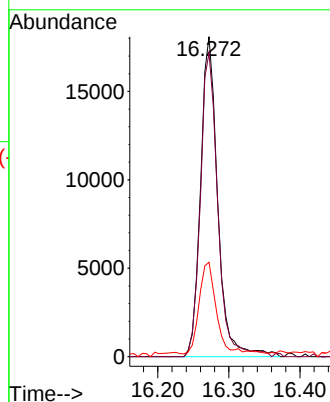
Tgt Ion:330 Resp: 30314

Ion Ratio Lower Upper

330 100

332 95.6 79.8 119.6

141 29.5 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 11.351 ng

RT: 13.405 min Scan# 1722

Delta R.T. -0.007 min

Lab File: BG054876.D

Acq: 7 Sep 2022 19:58

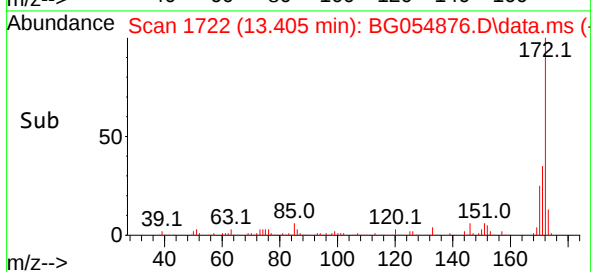
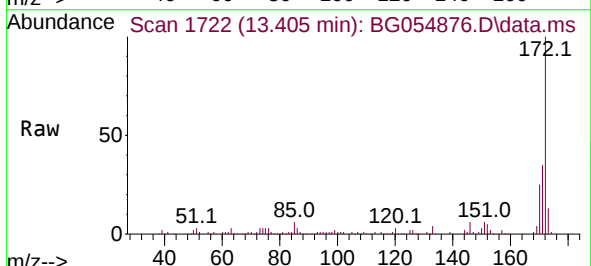
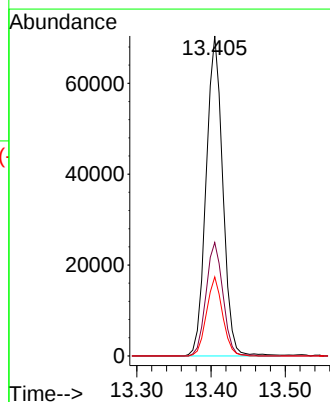
Tgt Ion:172 Resp: 109771

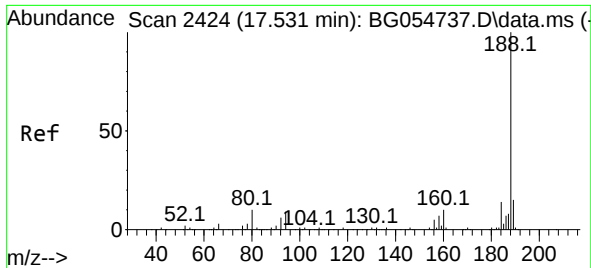
Ion Ratio Lower Upper

172 100

171 35.4 31.2 46.8

170 24.7 20.6 30.8

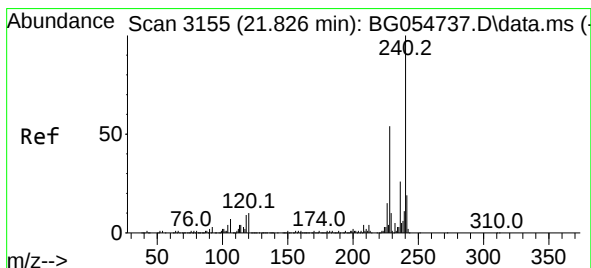
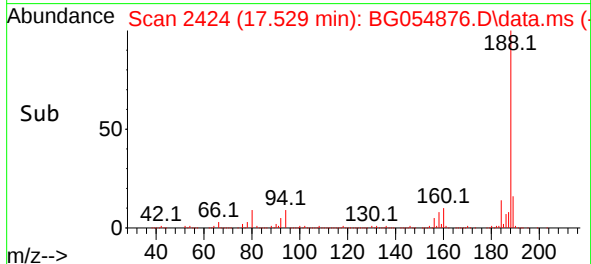
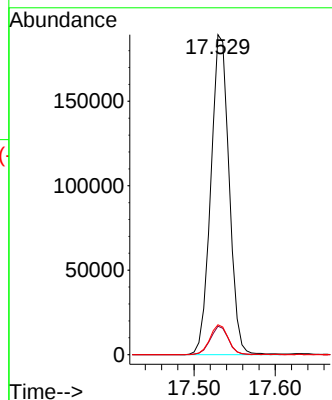
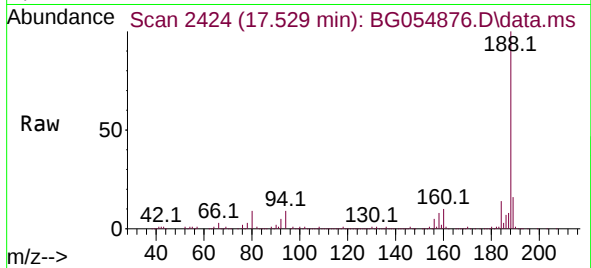




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.529 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG054876.D
Acq: 7 Sep 2022 19:58

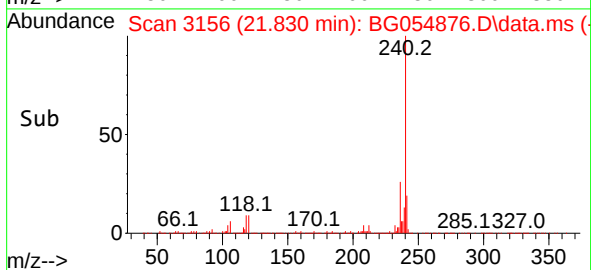
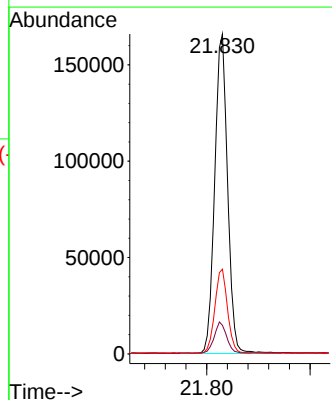
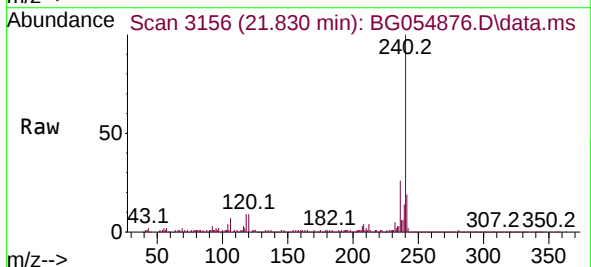
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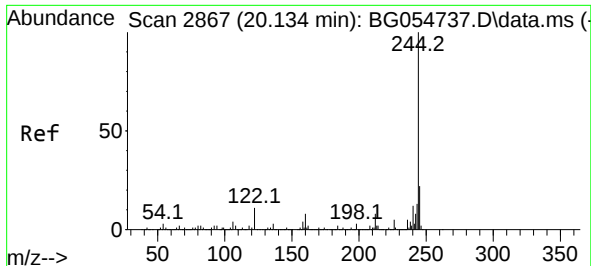
Tgt Ion:188 Resp: 296021
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.830 min Scan# 3156
Delta R.T. 0.005 min
Lab File: BG054876.D
Acq: 7 Sep 2022 19:58

Tgt Ion:240 Resp: 286062
Ion Ratio Lower Upper
240 100
120 8.9 8.2 12.4
236 26.5 21.2 31.8

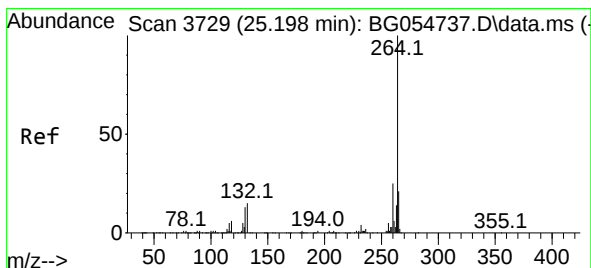
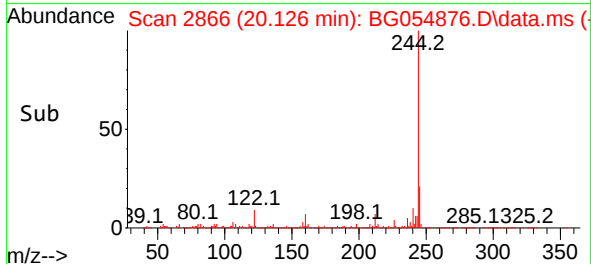
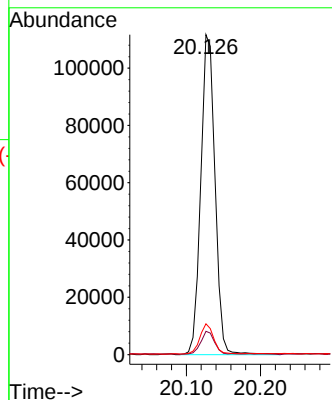
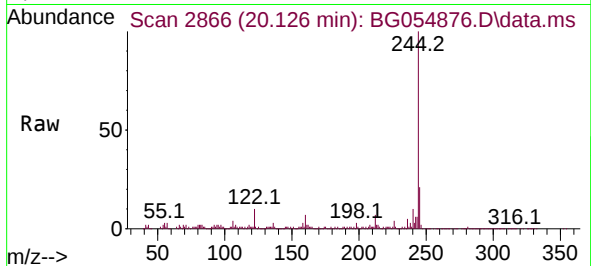




#79
 Terphenyl-d14
 Concen: 10.355 ng
 RT: 20.126 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG054876.D
 Acq: 7 Sep 2022 19:58

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 149500
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.209 min Scan# 3731
 Delta R.T. 0.010 min
 Lab File: BG054876.D
 Acq: 7 Sep 2022 19:58

Tgt Ion:264 Resp: 308725
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.9 29.9
 265 21.6 16.9 25.3

