

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054941.D
 Acq On : 14 Sep 2022 13:16
 Operator : CG/JU
 Sample : N4579-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-14

Quant Time: Sep 15 03:19:08 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	8.130	152	33245	20.000	ng	0.00
21) Naphthalene-d8	10.962	136	140459	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	109827	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	264294	20.000	ng	0.00
76) Chrysene-d12	21.814	240	261131	20.000	ng	0.00
86) Perylene-d12	25.187	264	274296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	240470	125.957	ng	0.00
7) Phenol-d6	7.290	99	332567	127.376	ng	0.00
23) Nitrobenzene-d5	9.305	82	185524	69.339	ng	0.00
42) 2,4,6-Tribromophenol	16.262	330	185976	135.515	ng	0.00
45) 2-Fluorobiphenyl	13.395	172	508596	69.603	ng	0.00
79) Terphenyl-d14	20.116	244	862018	65.408	ng	0.00

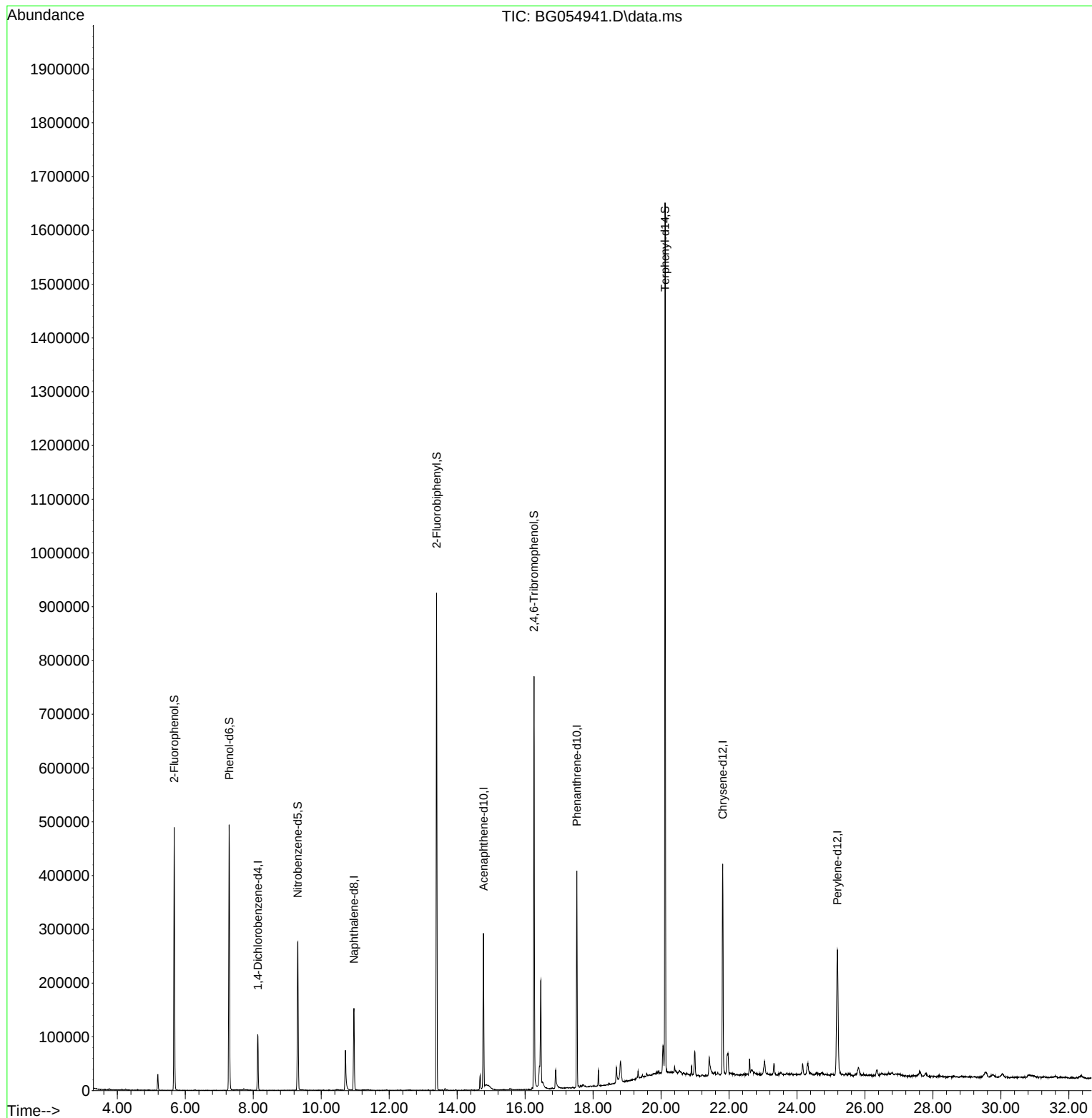
Target Compounds	Qvalue

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

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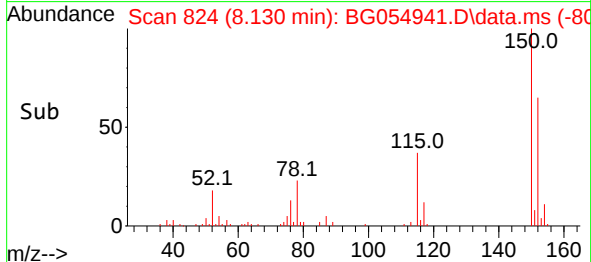
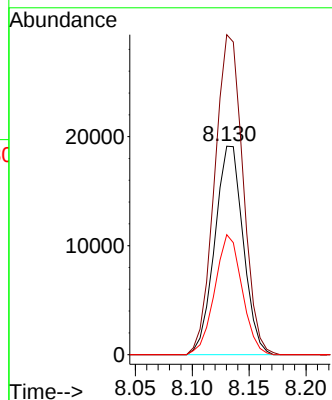
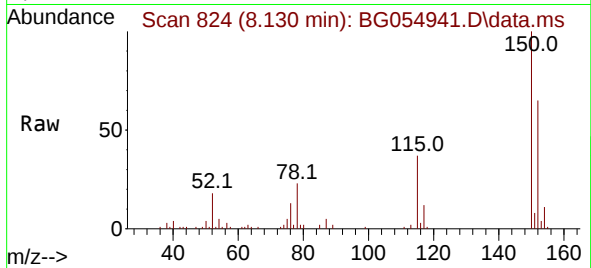




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054941.D
Acq: 14 Sep 2022 13:16

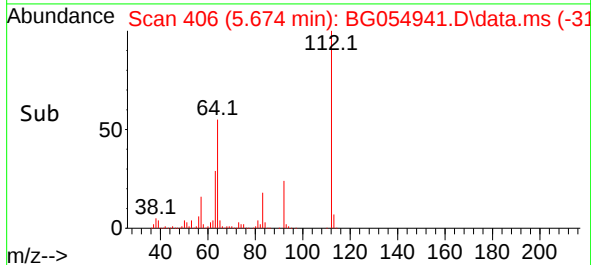
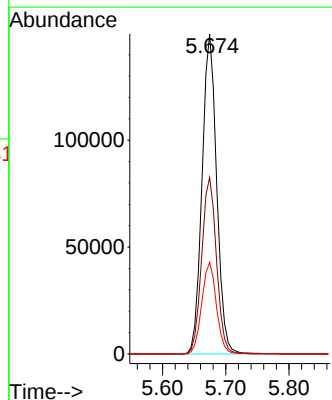
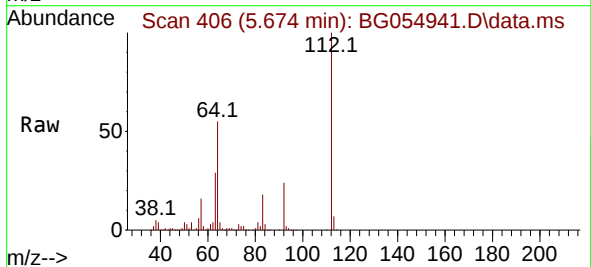
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-14

Tgt Ion:152 Resp: 33245
Ion Ratio Lower Upper
152 100
150 153.5 125.2 187.8
115 57.6 47.9 71.9



#5
2-Fluorophenol
Concen: 125.957 ng
RT: 5.674 min Scan# 406
Delta R.T. 0.001 min
Lab File: BG054941.D
Acq: 14 Sep 2022 13:16

Tgt Ion:112 Resp: 240470
Ion Ratio Lower Upper
112 100
64 55.2 49.3 73.9
63 28.6 26.3 39.5

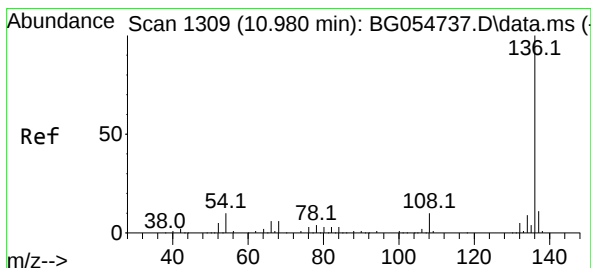
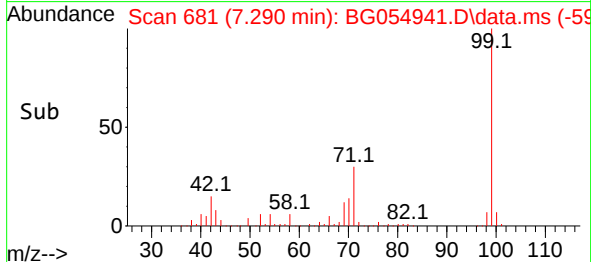
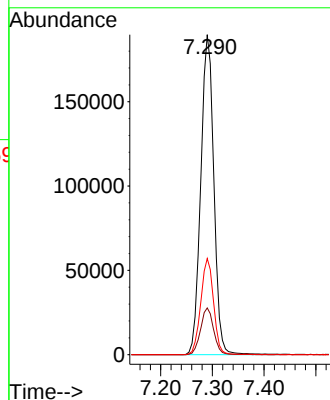
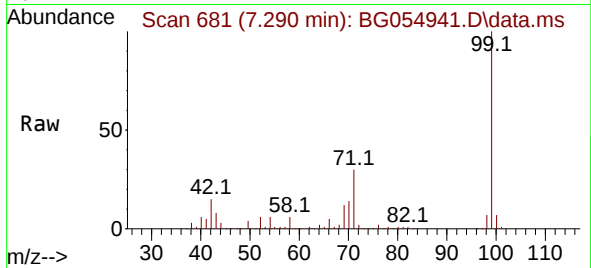




#7
Phenol-d6
Concen: 127.376 ng
RT: 7.290 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054941.D
Acq: 14 Sep 2022 13:16

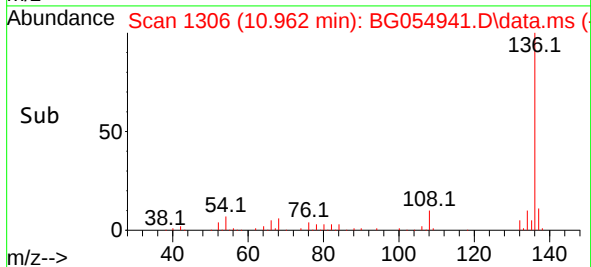
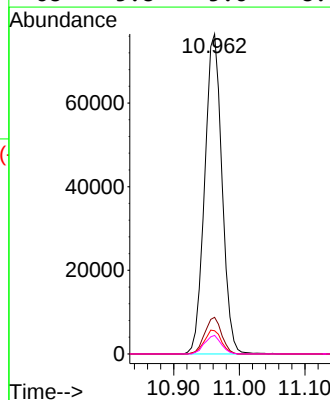
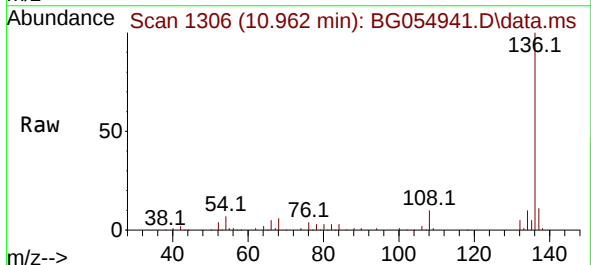
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-14

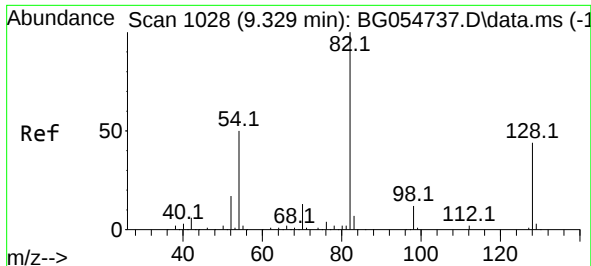
Tgt Ion: 99 Resp: 332567
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0#
71 30.0 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.962 min Scan# 1306
Delta R.T. 0.001 min
Lab File: BG054941.D
Acq: 14 Sep 2022 13:16

Tgt Ion: 136 Resp: 140459
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.3 7.7 11.5#
68 5.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 69.339 ng

RT: 9.305 min Scan# 1024

Delta R.T. -0.005 min

Lab File: BG054941.D

Acq: 14 Sep 2022 13:16

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-14

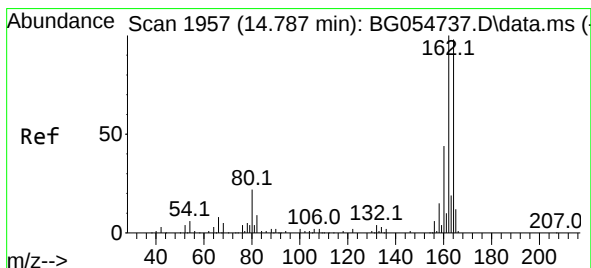
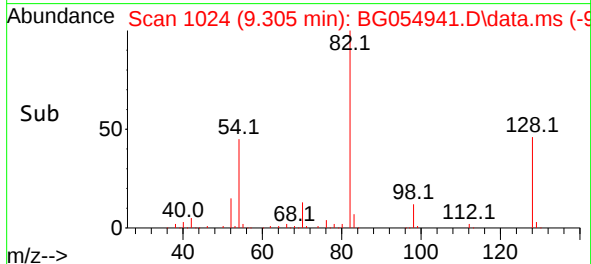
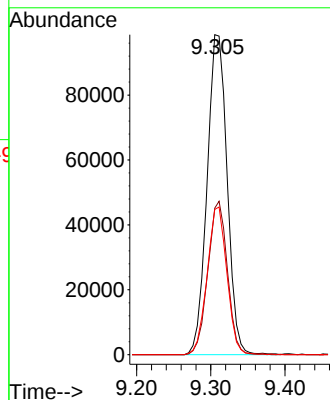
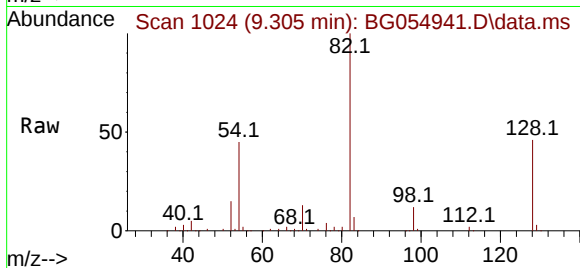
Tgt Ion: 82 Resp: 185524

Ion Ratio Lower Upper

82 100

128 45.8 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. 0.001 min

Lab File: BG054941.D

Acq: 14 Sep 2022 13:16

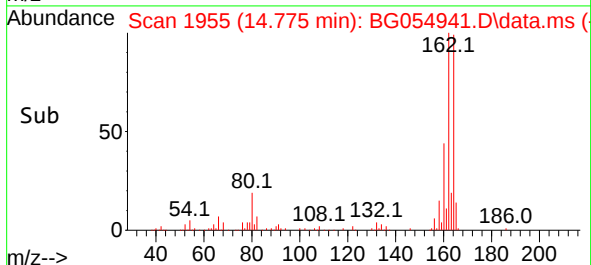
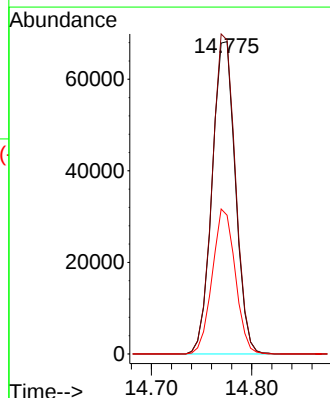
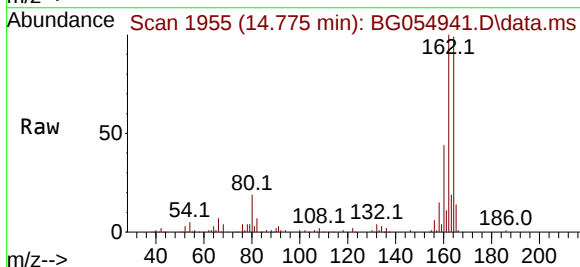
Tgt Ion:164 Resp: 109827

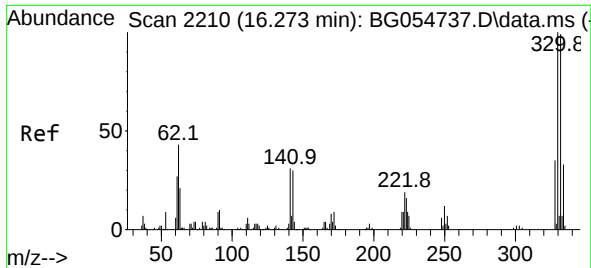
Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.4

160 44.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 135.515 ng

RT: 16.262 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG054941.D

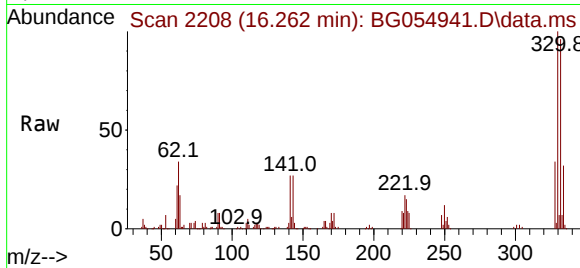
Acq: 14 Sep 2022 13:16

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-14



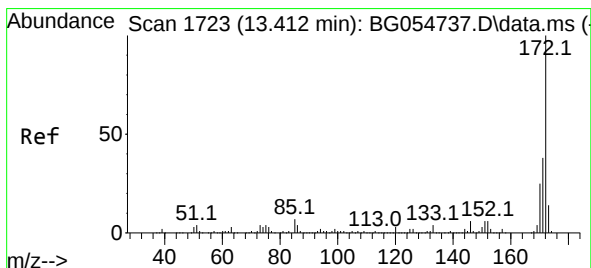
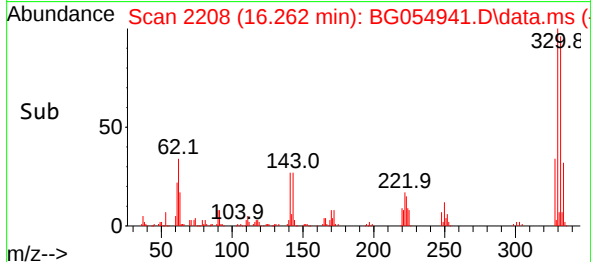
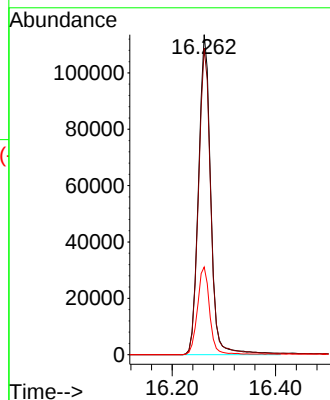
Tgt Ion:330 Resp: 185976

Ion Ratio Lower Upper

330 100

332 96.1 79.8 119.6

141 27.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 69.603 ng

RT: 13.395 min Scan# 1720

Delta R.T. 0.001 min

Lab File: BG054941.D

Acq: 14 Sep 2022 13:16

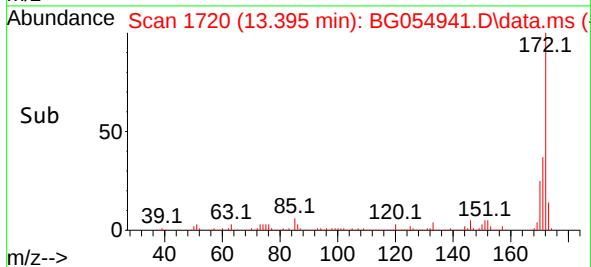
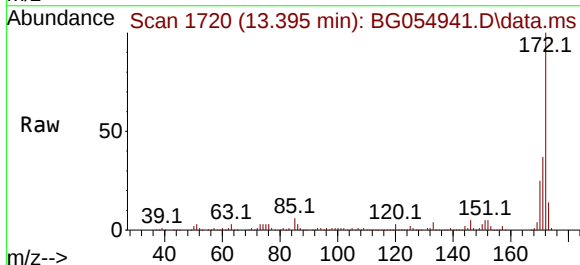
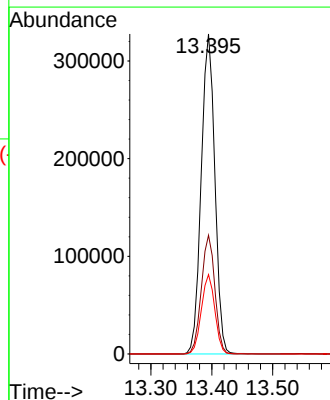
Tgt Ion:172 Resp: 508596

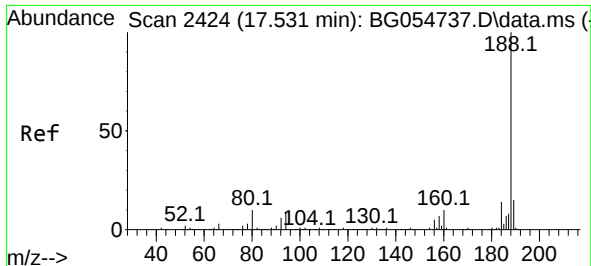
Ion Ratio Lower Upper

172 100

171 37.1 31.2 46.8

170 24.8 20.6 30.8

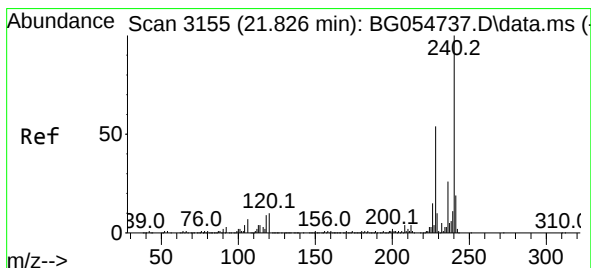
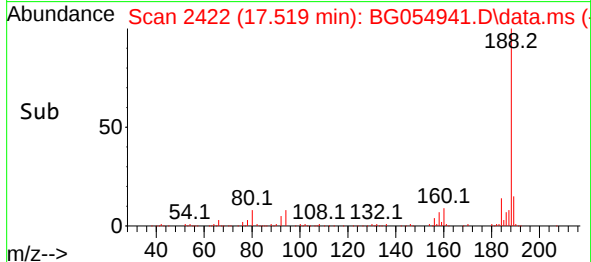
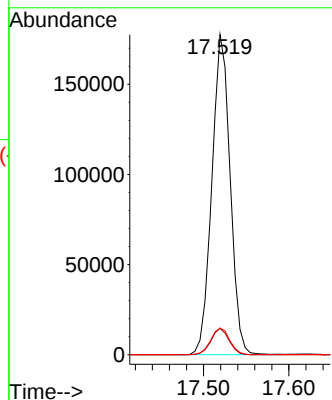
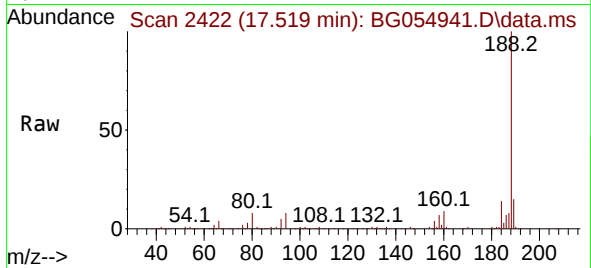




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.519 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054941.D
Acq: 14 Sep 2022 13:16

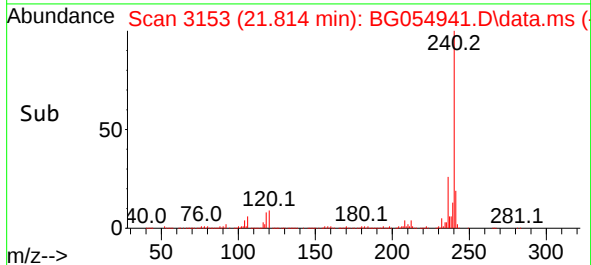
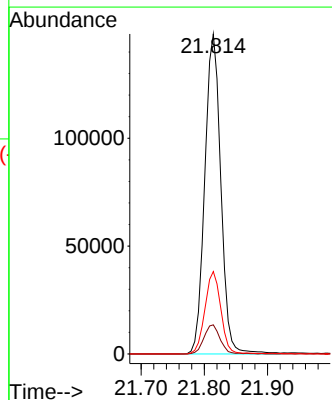
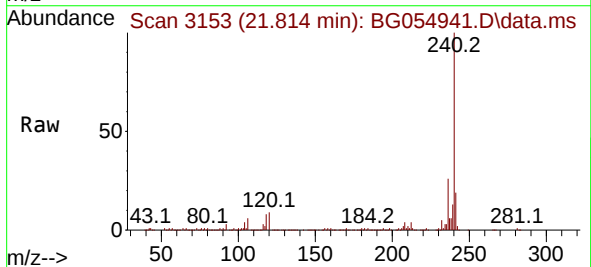
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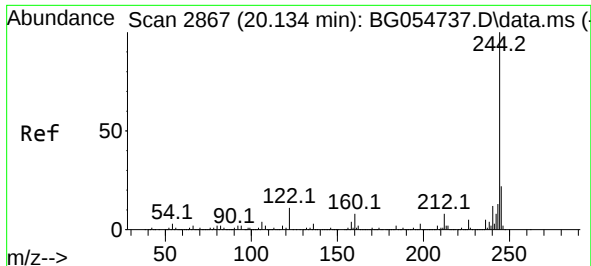
Tgt Ion:188 Resp: 264294
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.814 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BG054941.D
Acq: 14 Sep 2022 13:16

Tgt Ion:240 Resp: 261131
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.4
236 25.7 21.2 31.8

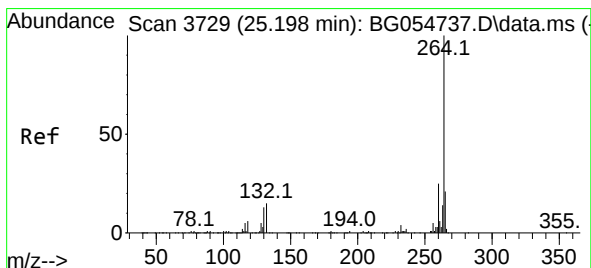
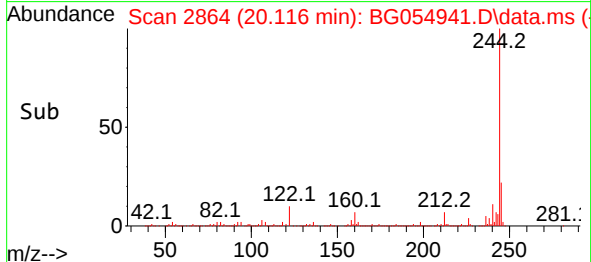
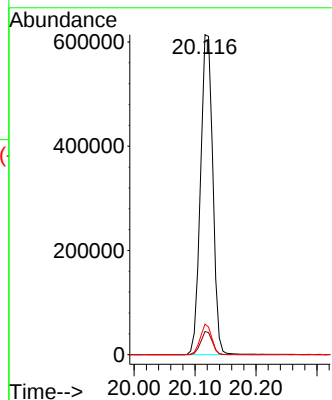
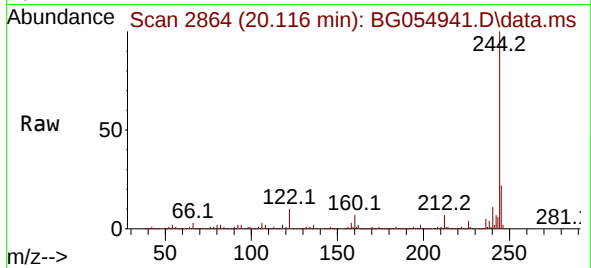




#79
 Terphenyl-d14
 Concen: 65.408 ng
 RT: 20.116 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054941.D
 Acq: 14 Sep 2022 13:16

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-14

Tgt Ion:244 Resp: 862018
 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: 25.187 min Scan# 3727
 Delta R.T. 0.001 min
 Lab File: BG054941.D
 Acq: 14 Sep 2022 13:16

Tgt Ion:264 Resp: 274296
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 22.1 16.9 25.3

