

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054947.D
 Acq On : 14 Sep 2022 17:22
 Operator : CG/JU
 Sample : N4578-27
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-7

Quant Time: Sep 15 03:21:33 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	8.132	152	48475	20.000	ng	0.00
21) Naphthalene-d8	10.964	136	199509	20.000	ng	# 0.00
39) Acenaphthene-d10	14.772	164	131193	20.000	ng	0.00
64) Phenanthrene-d10	17.521	188	270656	20.000	ng	0.00
76) Chrysene-d12	21.816	240	259901	20.000	ng	0.00
86) Perylene-d12	25.189	264	279963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	273779	98.349	ng	0.00
7) Phenol-d6	7.292	99	374200	98.293	ng	0.00
23) Nitrobenzene-d5	9.307	82	209838	55.214	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	158534	96.706	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	551169	63.145	ng	0.00
79) Terphenyl-d14	20.118	244	808176	61.612	ng	0.00

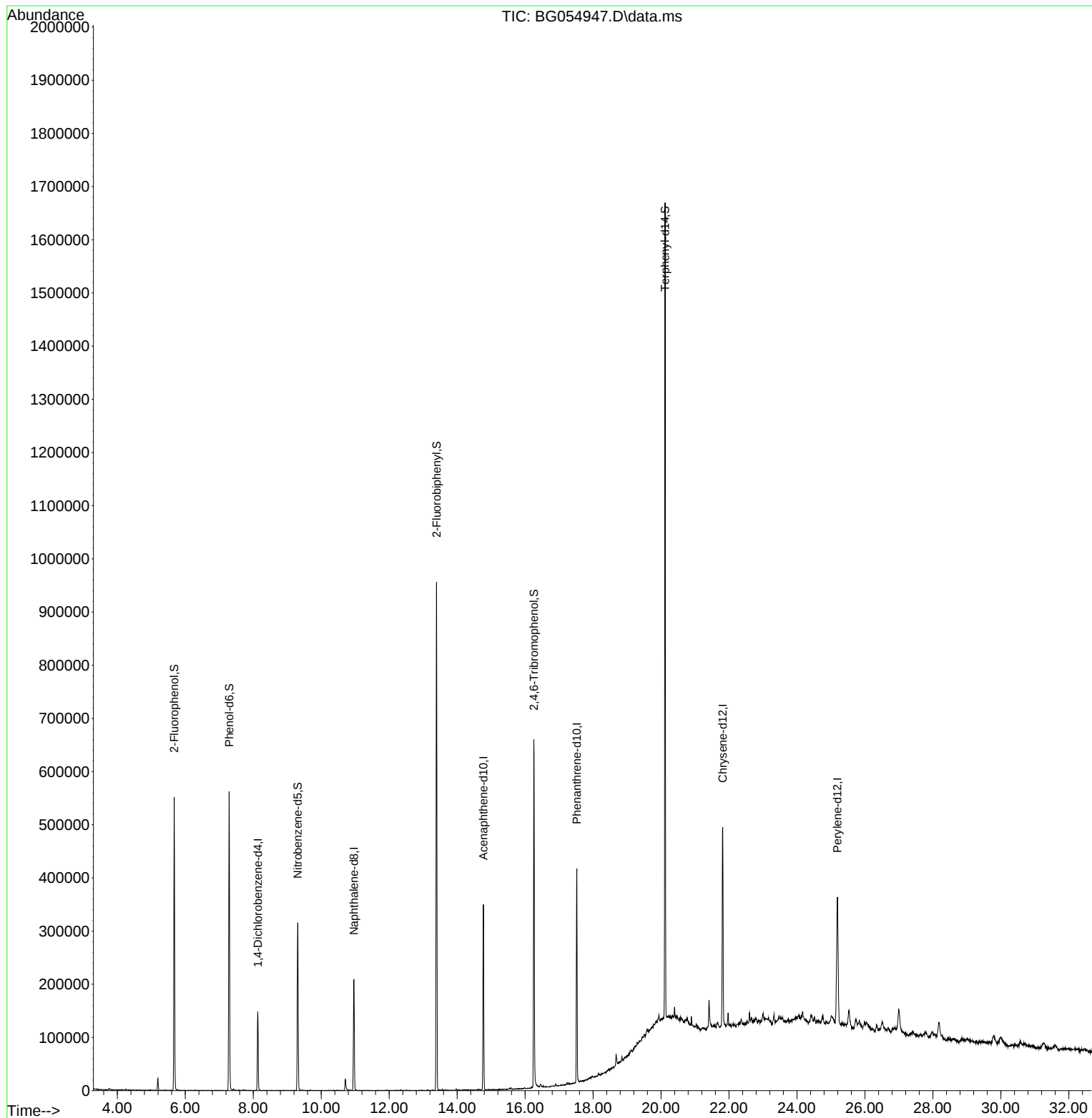
Target Compounds	Qvalue

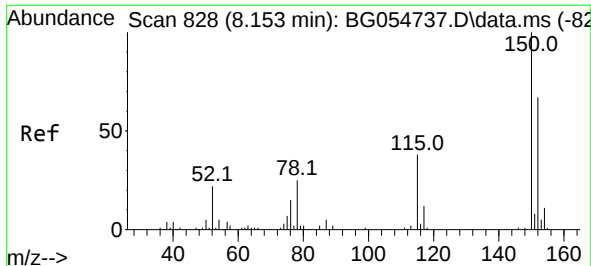
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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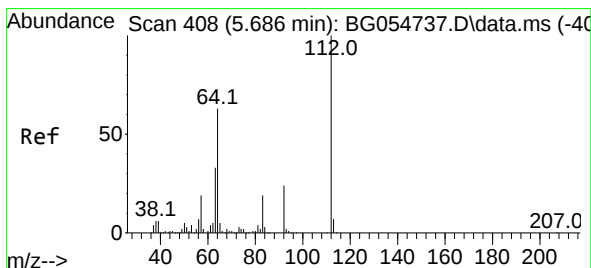
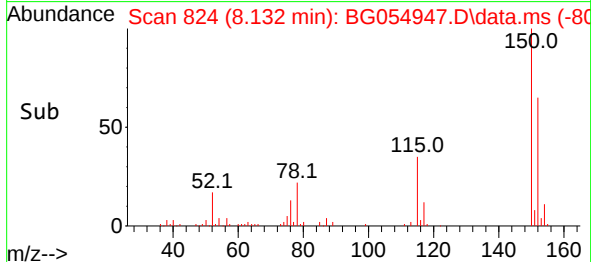
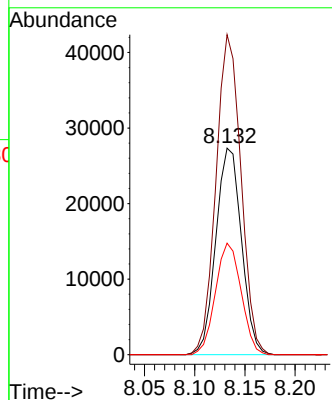
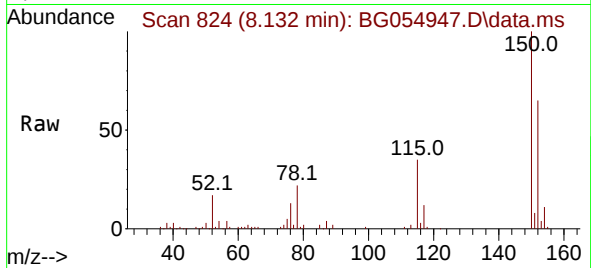




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.132 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

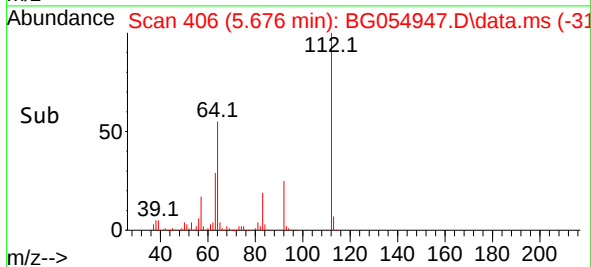
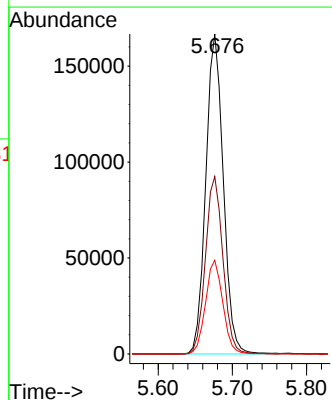
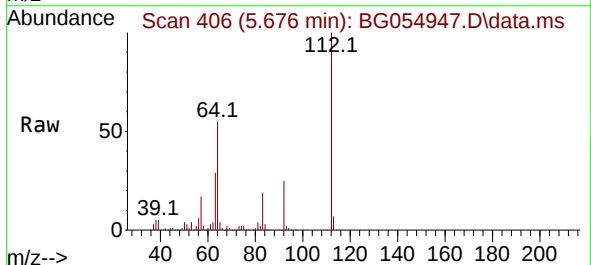
Instrument :
BNA_G
ClientSampleId :
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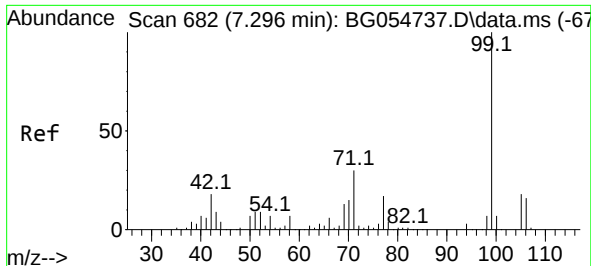
Tgt Ion:152 Resp: 48475
Ion Ratio Lower Upper
152 100
150 154.9 125.2 187.8
115 54.0 47.9 71.9



#5
2-Fluorophenol
Concen: 98.349 ng
RT: 5.676 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Tgt Ion:112 Resp: 273779
Ion Ratio Lower Upper
112 100
64 55.4 49.3 73.9
63 29.3 26.3 39.5

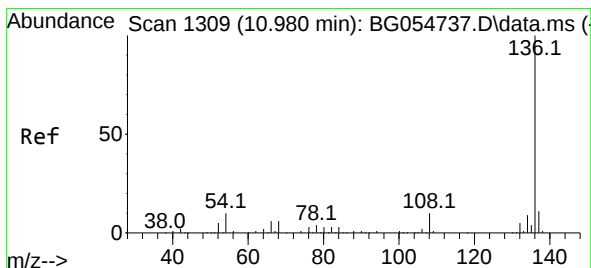
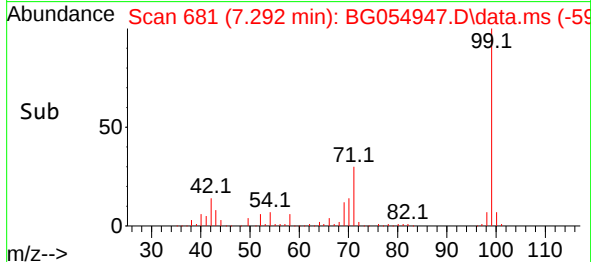
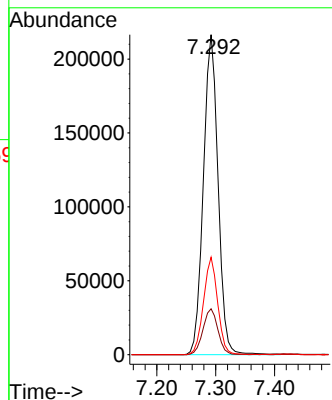
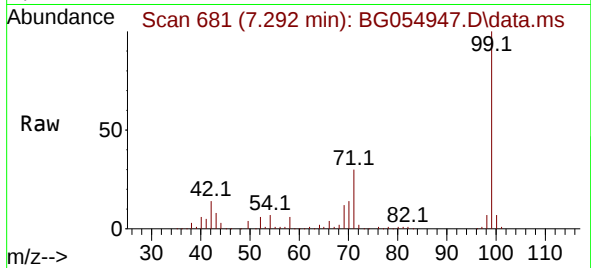




#7
Phenol-d6
Concen: 98.293 ng
RT: 7.292 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

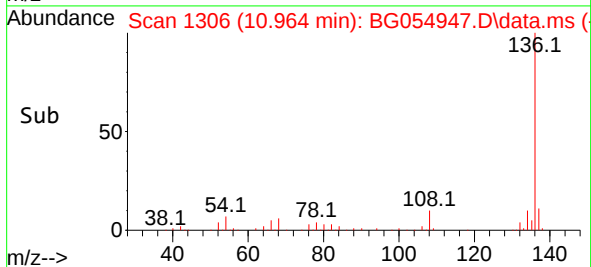
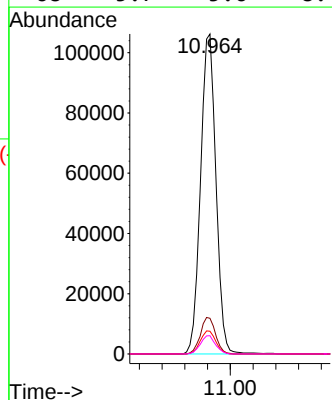
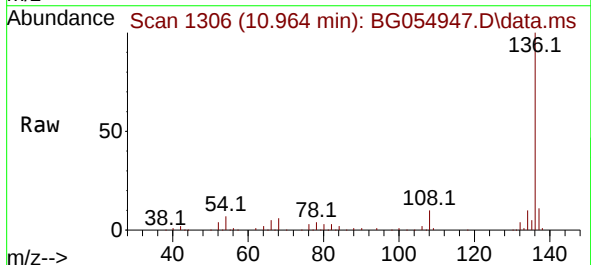
Instrument :
BNA_G
ClientSampleId :
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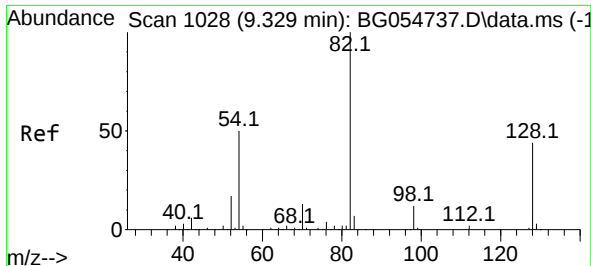
Tgt Ion: 99 Resp: 374200
Ion Ratio Lower Upper
99 100
42 14.4 14.6 22.0#
71 30.5 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.964 min Scan# 1306
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Tgt Ion: 136 Resp: 199509
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.1 7.7 11.5#
68 5.7 5.6 8.4

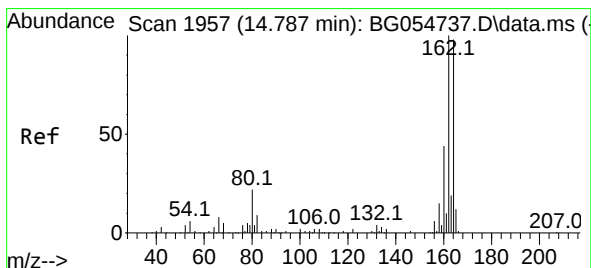
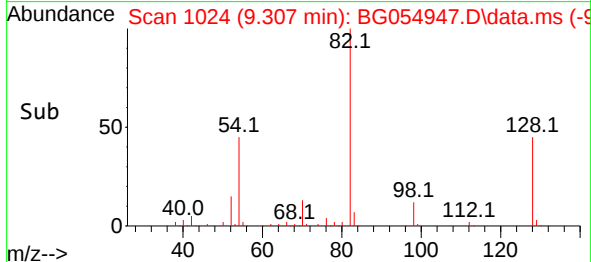
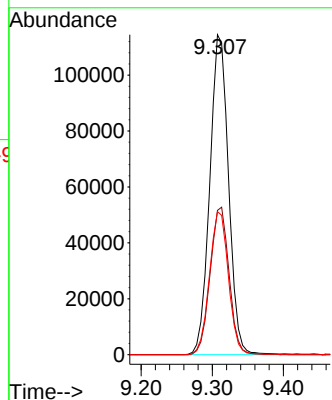
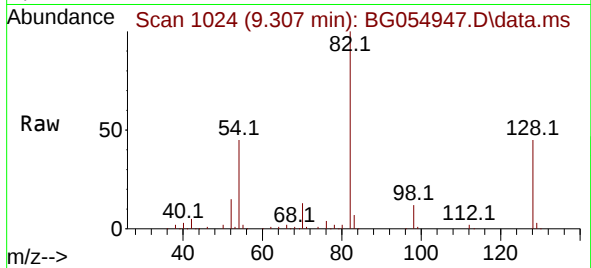




#23
Nitrobenzene-d5
Concen: 55.214 ng
RT: 9.307 min Scan# 1024
Delta R.T. -0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

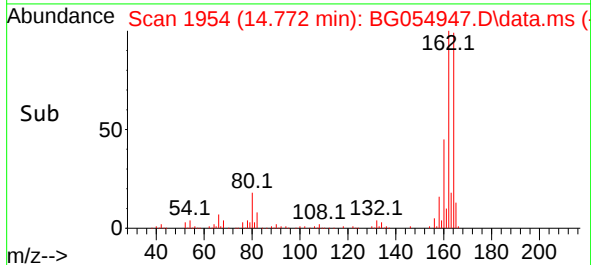
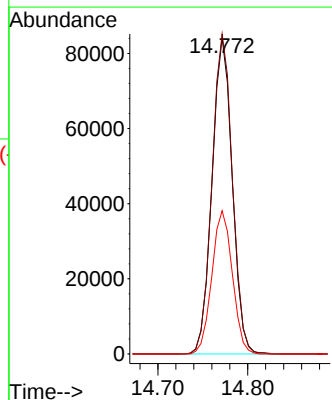
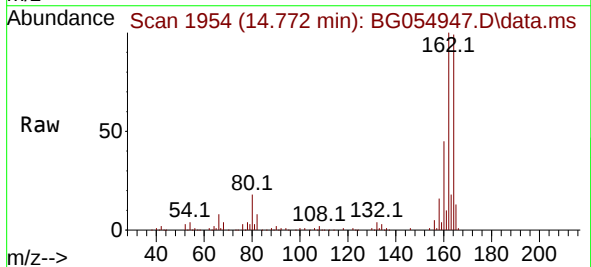
Instrument :
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CHERRY-HILL-COMP-7

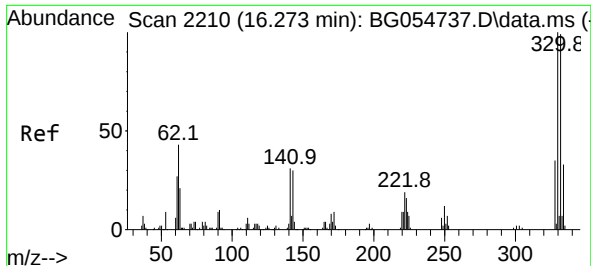
Tgt Ion: 82 Resp: 209838
Ion Ratio Lower Upper
82 100
128 45.1 32.2 48.2
54 44.7 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

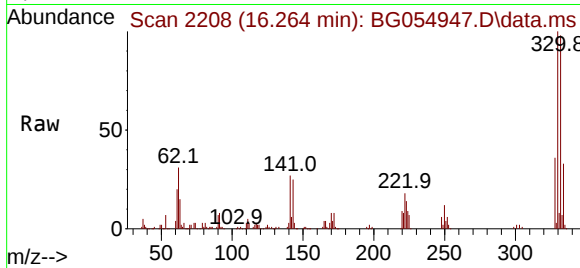
Tgt Ion:164 Resp: 131193
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.4
160 45.3 38.0 57.0



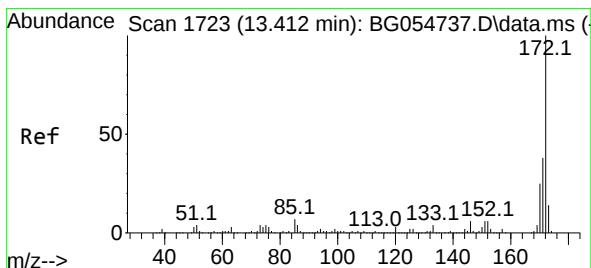
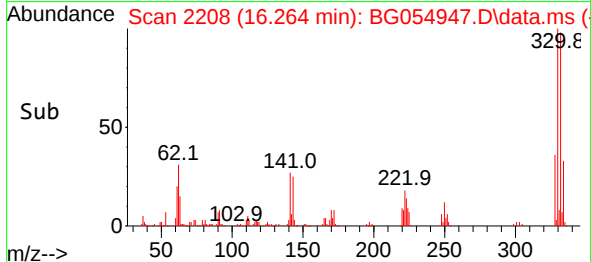
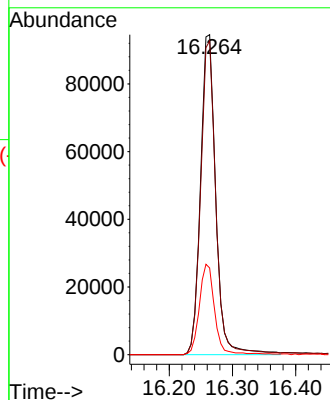


#42
2,4,6-Tribromophenol
Concen: 96.706 ng
RT: 16.264 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Instrument :
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ClientSampleId :
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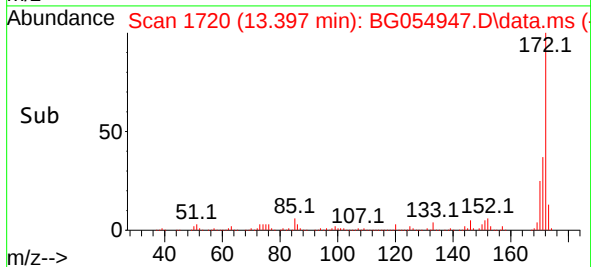
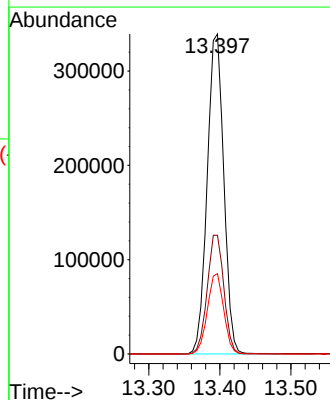
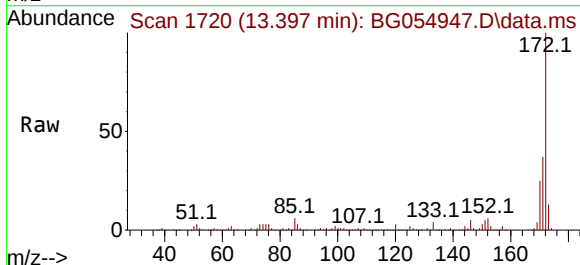


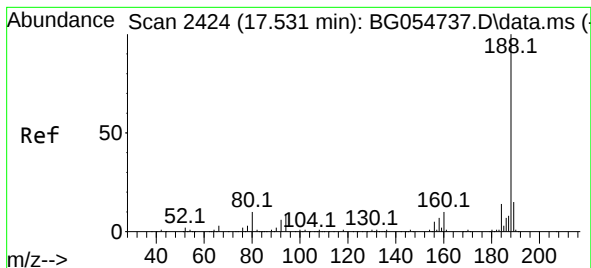
Tgt Ion:330 Resp: 158534
Ion Ratio Lower Upper
330 100
332 98.1 79.8 119.6
141 28.0 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 63.145 ng
RT: 13.397 min Scan# 1720
Delta R.T. 0.003 min
Lab File: BG054947.D
Acq: 14 Sep 2022 17:22

Tgt Ion:172 Resp: 551169
Ion Ratio Lower Upper
172 100
171 37.1 31.2 46.8
170 25.1 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.521 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG054947.D

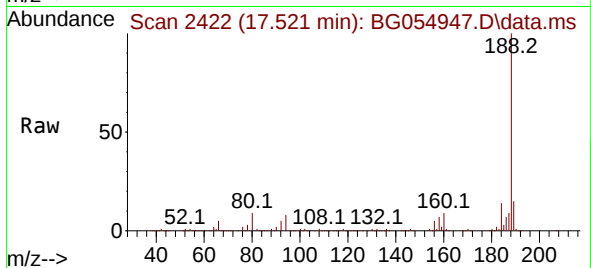
Acq: 14 Sep 2022 17:22

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-7



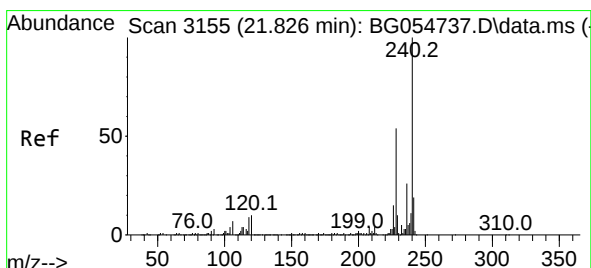
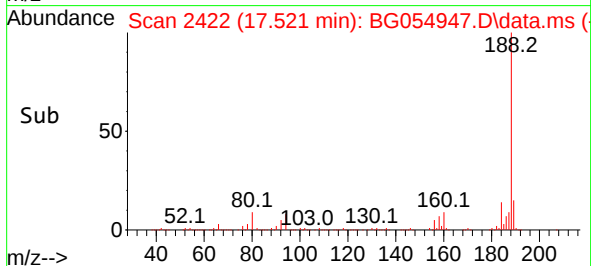
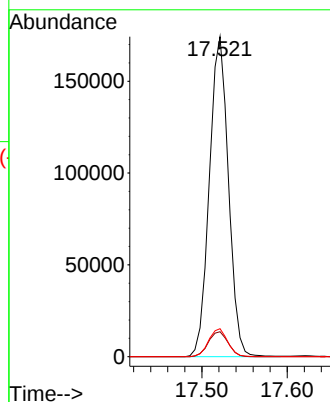
Tgt Ion:188 Resp: 270656

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.4

80 8.7 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.816 min Scan# 3153

Delta R.T. -0.003 min

Lab File: BG054947.D

Acq: 14 Sep 2022 17:22

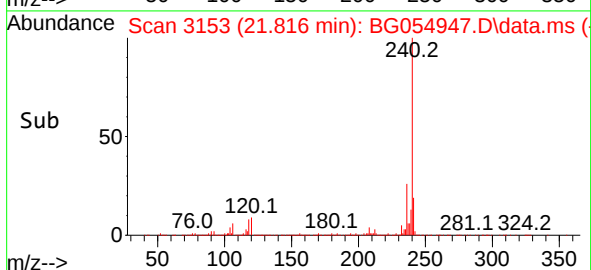
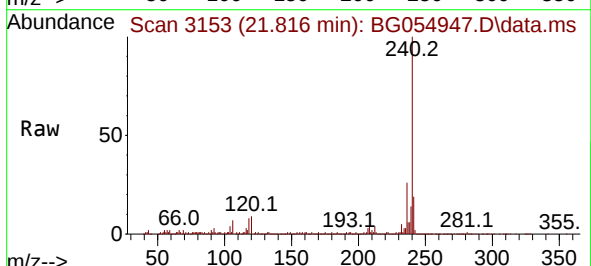
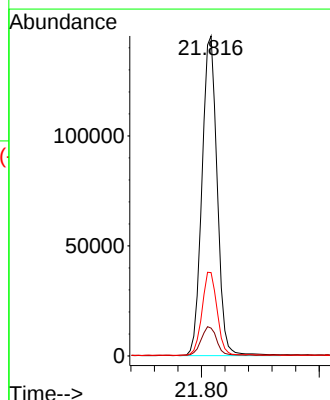
Tgt Ion:240 Resp: 259901

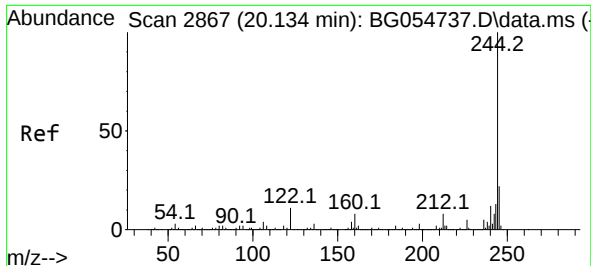
Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.4

236 26.0 21.2 31.8

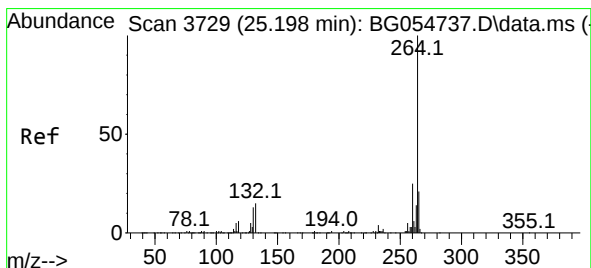
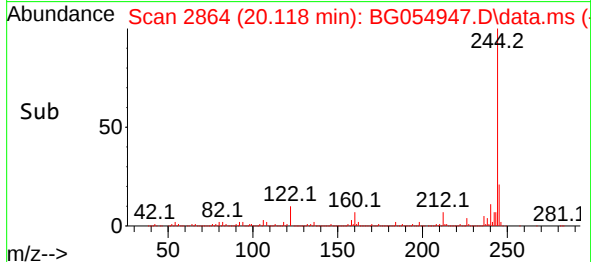
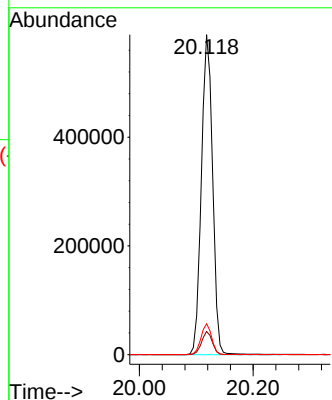
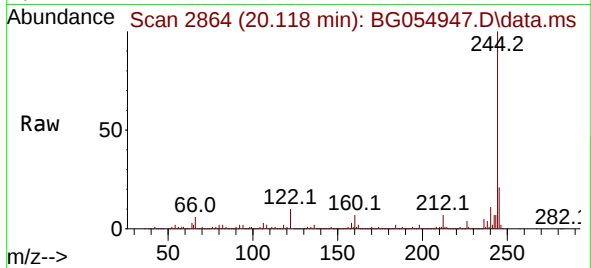




#79
 Terphenyl-d14
 Concen: 61.612 ng
 RT: 20.118 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054947.D
 Acq: 14 Sep 2022 17:22

Instrument :
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 ClientSampleId :
 CHERRY-HILL-COMP-7

Tgt Ion:244 Resp: 808176
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.189 min Scan# 3727
 Delta R.T. 0.003 min
 Lab File: BG054947.D
 Acq: 14 Sep 2022 17:22

Tgt Ion:264 Resp: 279963
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 22.0 16.9 25.3

