

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054933.D
 Acq On : 13 Sep 2022 22:32
 Operator : CG/JU
 Sample : N4578-31
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-8

Quant Time: Sep 14 03:24:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	42074	20.000	ng	-0.01
21) Naphthalene-d8	10.961	136	169082	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	119339	20.000	ng	-0.01
64) Phenanthrene-d10	17.518	188	287433	20.000	ng	-0.01
76) Chrysene-d12	21.813	240	278908	20.000	ng	-0.01
86) Perylene-d12	25.180	264	293859	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	331724	137.294	ng	0.00
7) Phenol-d6	7.295	99	440867	133.422	ng	0.00
23) Nitrobenzene-d5	9.310	82	250320	77.719	ng	-0.01
42) 2,4,6-Tribromophenol	16.261	330	236609	158.668	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	634320	79.889	ng	-0.01
79) Terphenyl-d14	20.121	244	1070506	76.050	ng	0.00

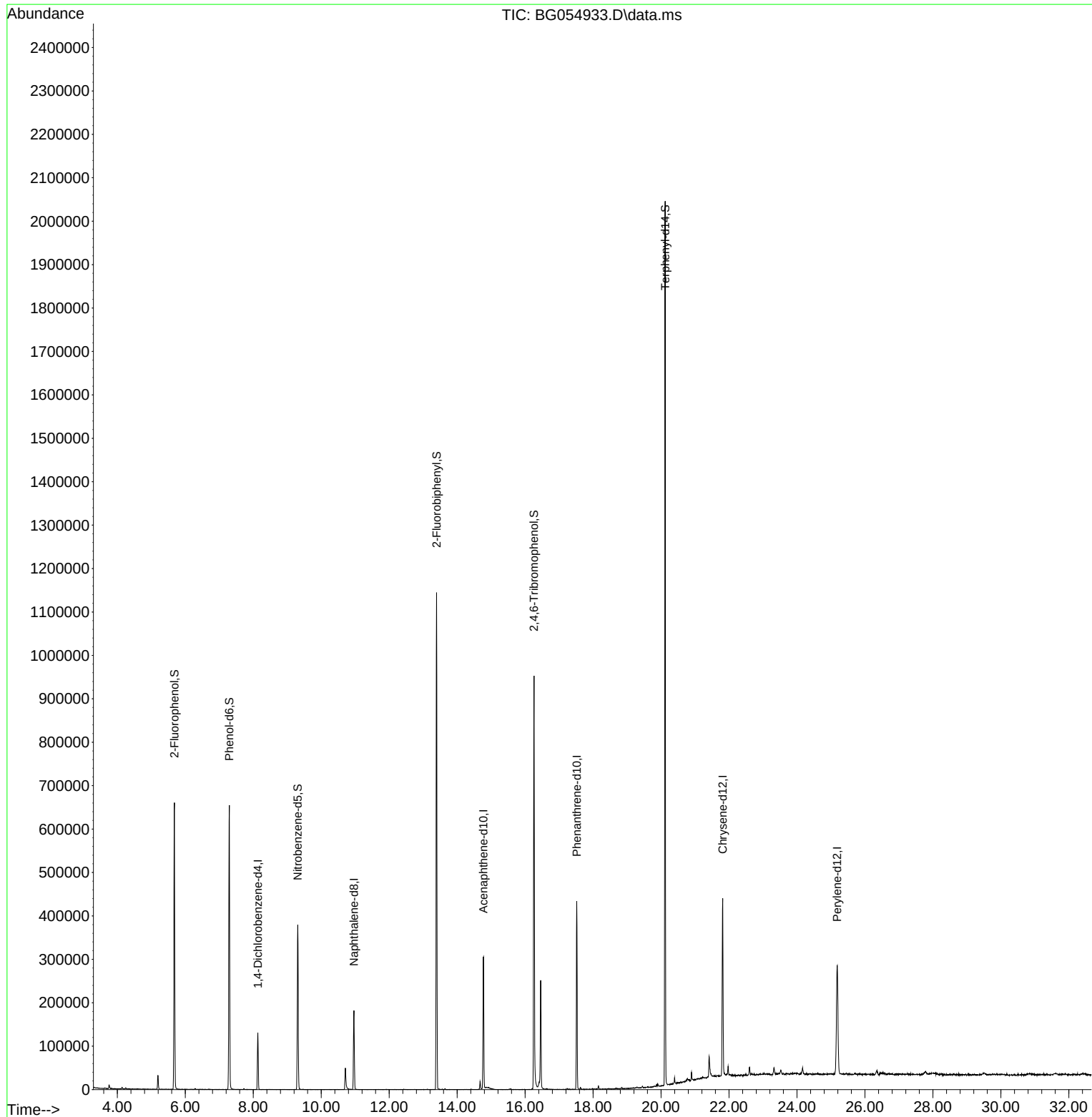
Target Compounds Qvalue

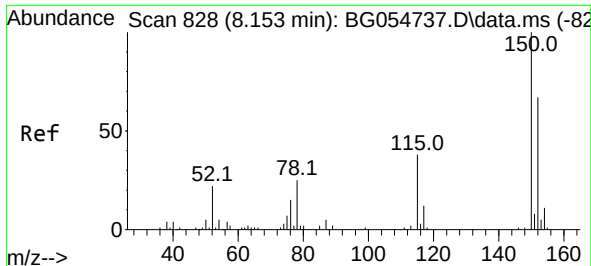
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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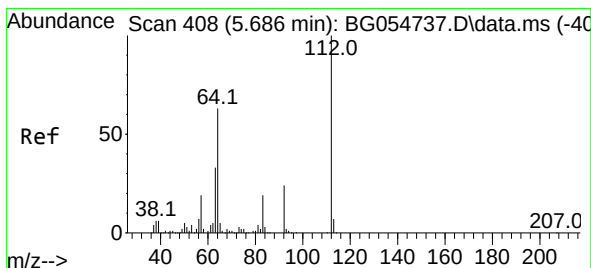
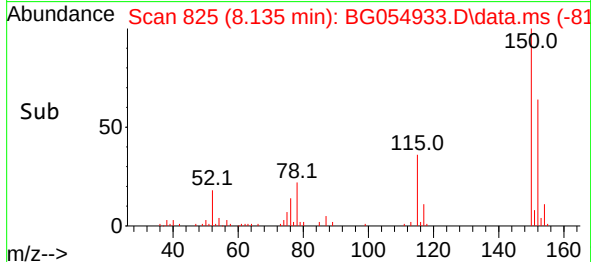
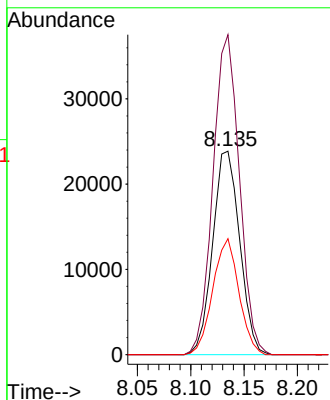
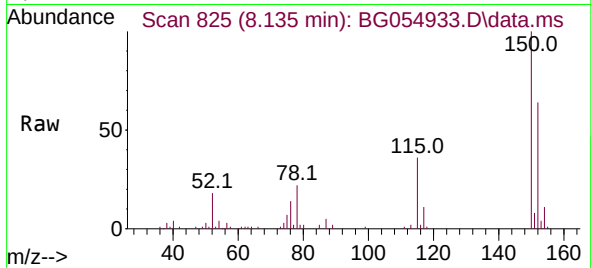




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

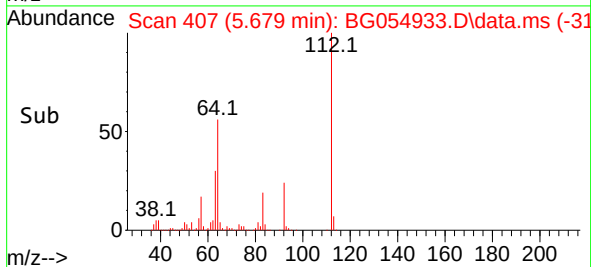
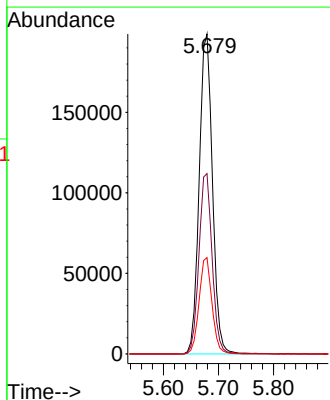
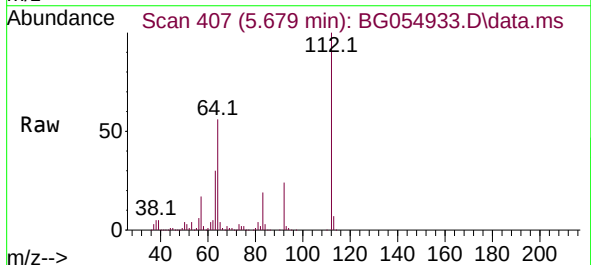
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-8

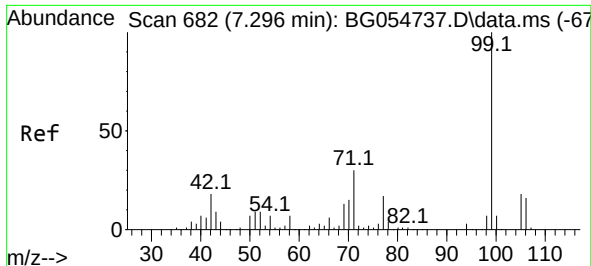
Tgt Ion:152 Resp: 42074
Ion Ratio Lower Upper
152 100
150 157.3 125.2 187.8
115 57.0 47.9 71.9



#5
2-Fluorophenol
Concen: 137.294 ng
RT: 5.679 min Scan# 407
Delta R.T. -0.005 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion:112 Resp: 331724
Ion Ratio Lower Upper
112 100
64 56.3 49.3 73.9
63 30.1 26.3 39.5

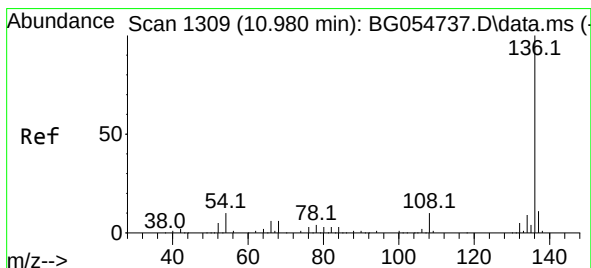
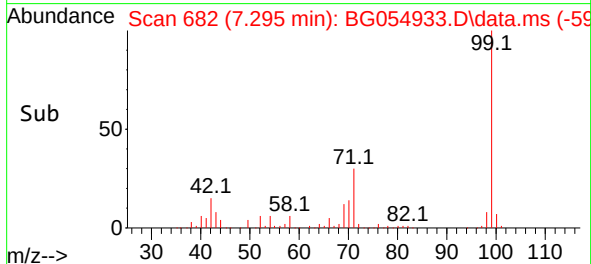
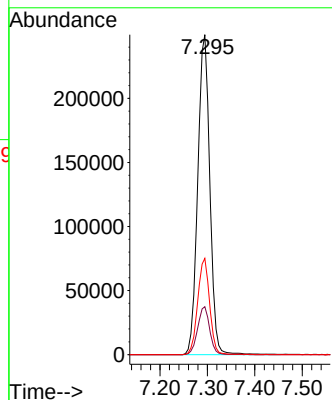
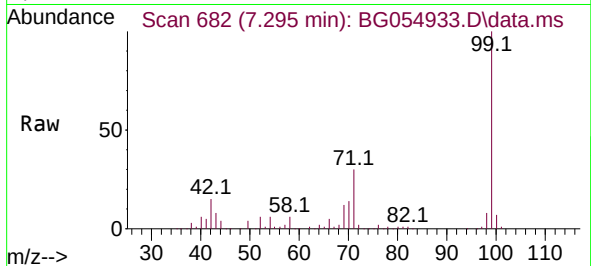




#7
Phenol-d6
Concen: 133.422 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.005 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

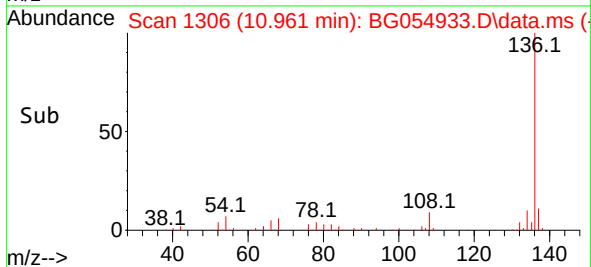
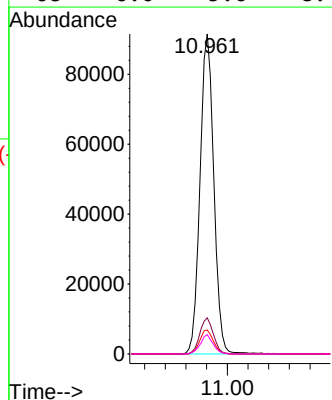
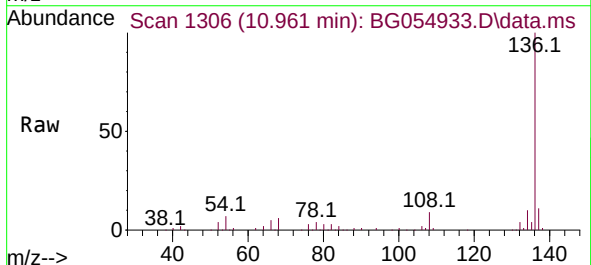
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-8

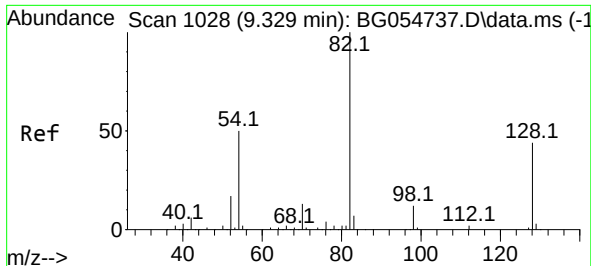
Tgt Ion: 99 Resp: 440867
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 30.1 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 1306
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion: 136 Resp: 169082
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 7.5 7.7 11.5#
68 6.0 5.6 8.4





#23

Nitrobenzene-d5

Concen: 77.719 ng

RT: 9.310 min Scan# 1025

Delta R.T. -0.011 min

Lab File: BG054933.D

Acq: 13 Sep 2022 22:32

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-8

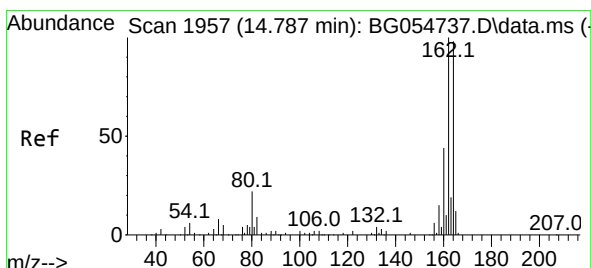
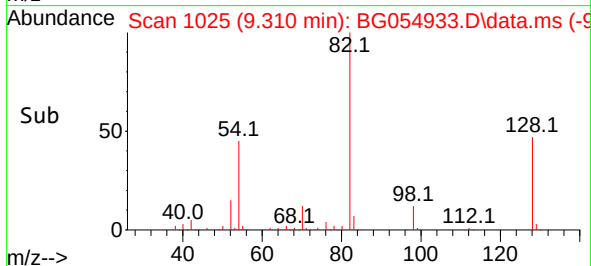
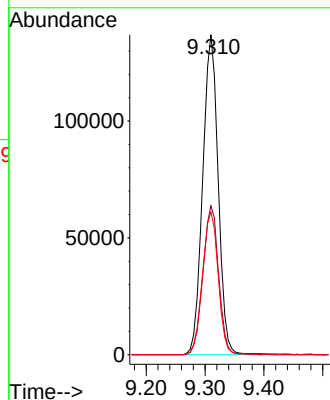
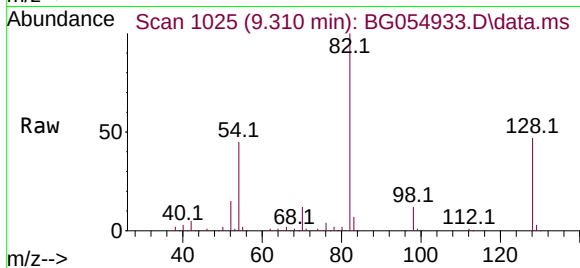
Tgt Ion: 82 Resp: 250320

Ion Ratio Lower Upper

82 100

128 46.5 32.2 48.2

54 44.6 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.768 min Scan# 1954

Delta R.T. -0.011 min

Lab File: BG054933.D

Acq: 13 Sep 2022 22:32

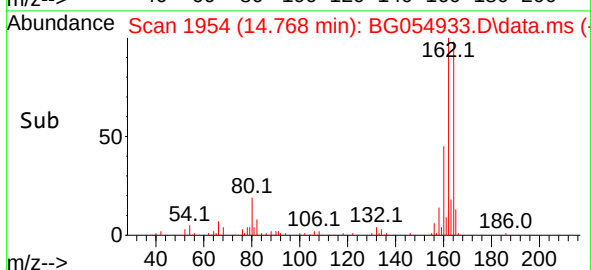
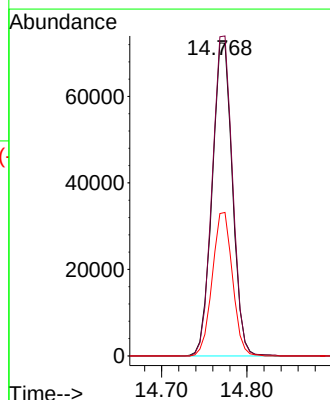
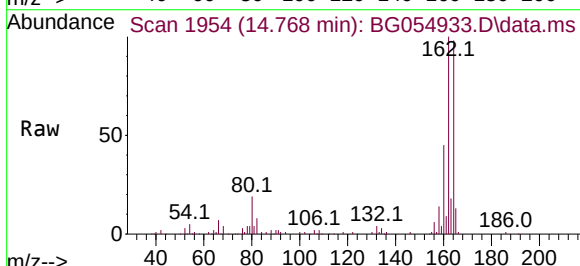
Tgt Ion:164 Resp: 119339

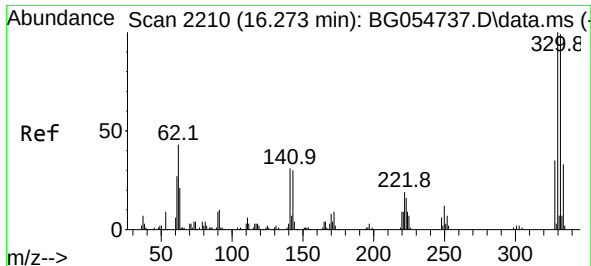
Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.4

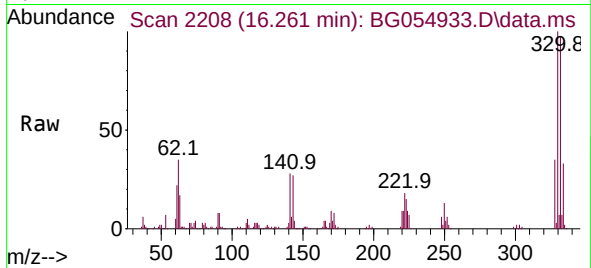
160 45.5 38.0 57.0



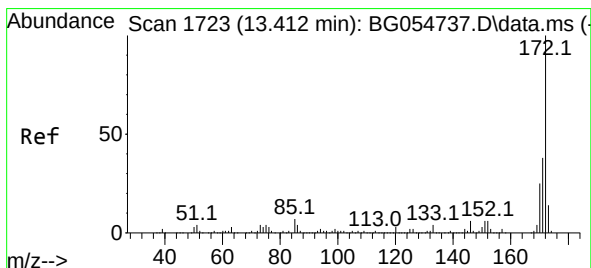
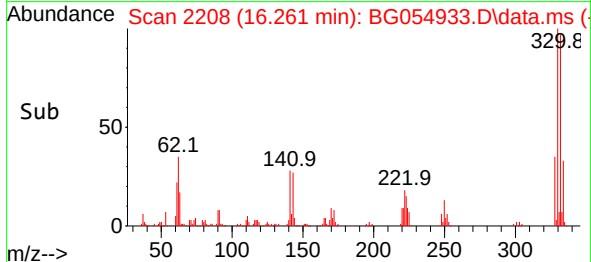
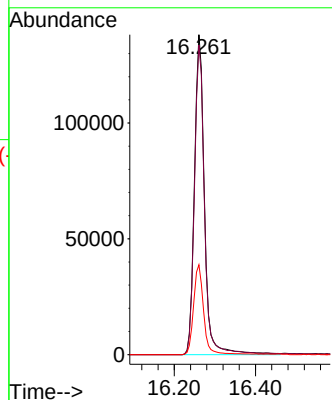


#42
2,4,6-Tribromophenol
Concen: 158.668 ng
RT: 16.261 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-8

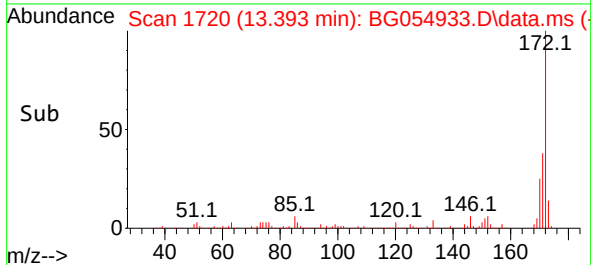
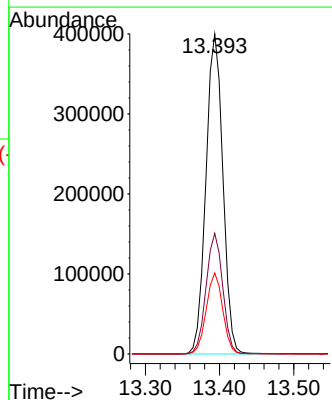
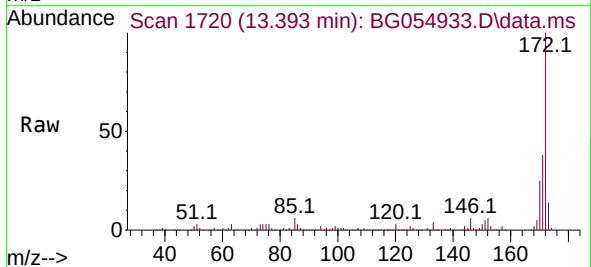


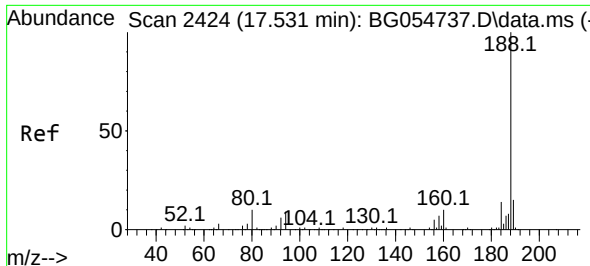
Tgt Ion:330 Resp: 236609
Ion Ratio Lower Upper
330 100
332 96.0 79.8 119.6
141 27.9 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 79.889 ng
RT: 13.393 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion:172 Resp: 634320
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 25.3 20.6 30.8

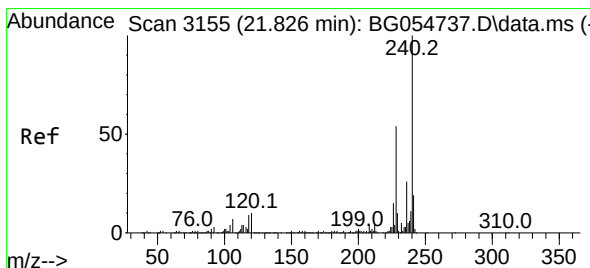
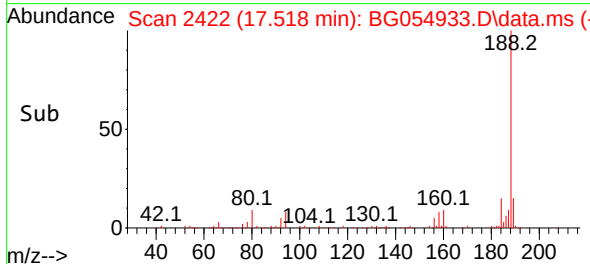
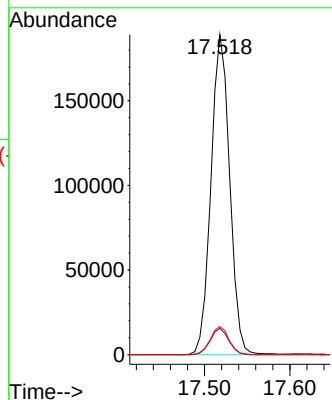
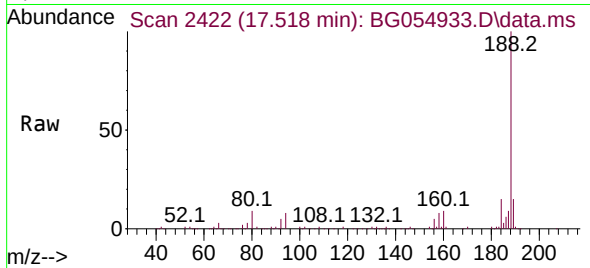




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.518 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

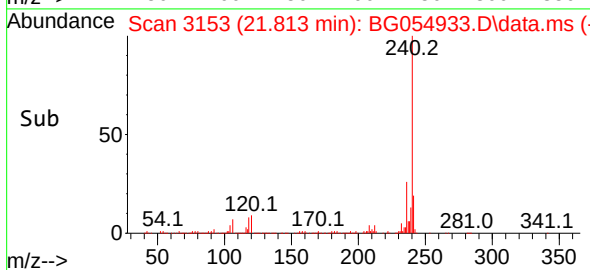
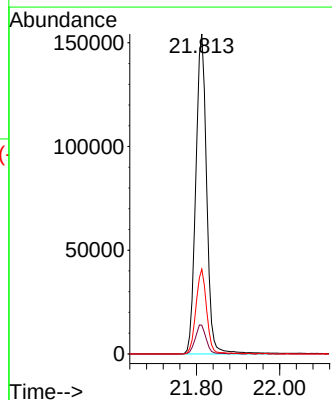
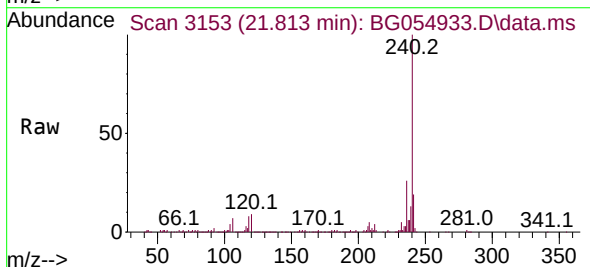
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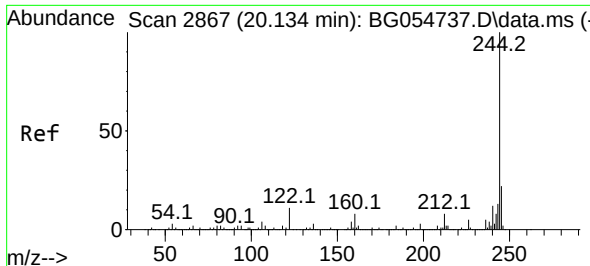
Tgt Ion:188 Resp: 287433
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BG054933.D
Acq: 13 Sep 2022 22:32

Tgt Ion:240 Resp: 278908
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.5 21.2 31.8

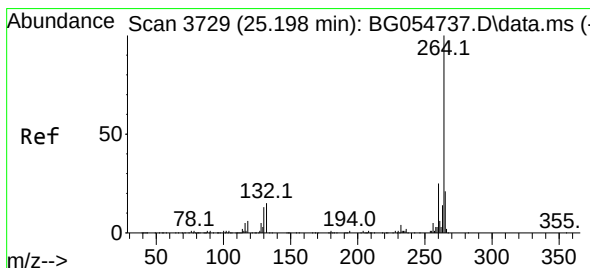
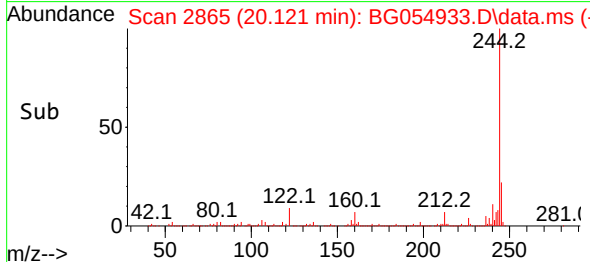
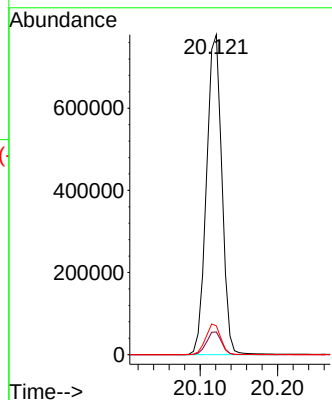
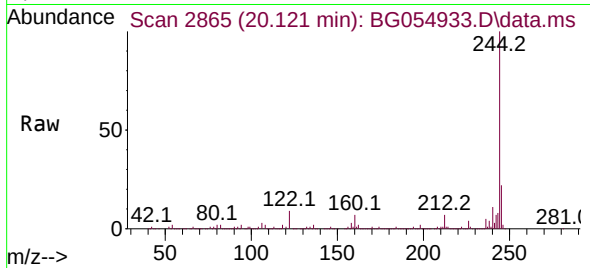




#79
 Terphenyl-d14
 Concen: 76.050 ng
 RT: 20.121 min Scan# 2865
 Delta R.T. -0.005 min
 Lab File: BG054933.D
 Acq: 13 Sep 2022 22:32

Instrument :
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Tgt Ion:244 Resp: 1070506
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.0 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 3726
 Delta R.T. -0.023 min
 Lab File: BG054933.D
 Acq: 13 Sep 2022 22:32

Tgt Ion:264 Resp: 293859
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.8 16.9 25.3

