

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054929.D
 Acq On : 13 Sep 2022 19:44
 Operator : CG/JU
 Sample : N4578-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-4

Quant Time: Sep 14 03:22:22 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	8.132	152	38047	20.000	ng	-0.01
21) Naphthalene-d8	10.964	136	153126	20.000	ng	# 0.00
39) Acenaphthene-d10	14.771	164	110584	20.000	ng	0.00
64) Phenanthrene-d10	17.521	188	260336	20.000	ng	0.00
76) Chrysene-d12	21.816	240	248351	20.000	ng	0.00
86) Perylene-d12	25.188	264	262566	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	251470	115.095	ng	0.00
7) Phenol-d6	7.291	99	330289	110.537	ng	0.00
23) Nitrobenzene-d5	9.313	82	192359	65.947	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	182197	131.853	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	516899	70.255	ng	0.00
79) Terphenyl-d14	20.118	244	935004	74.596	ng	0.00

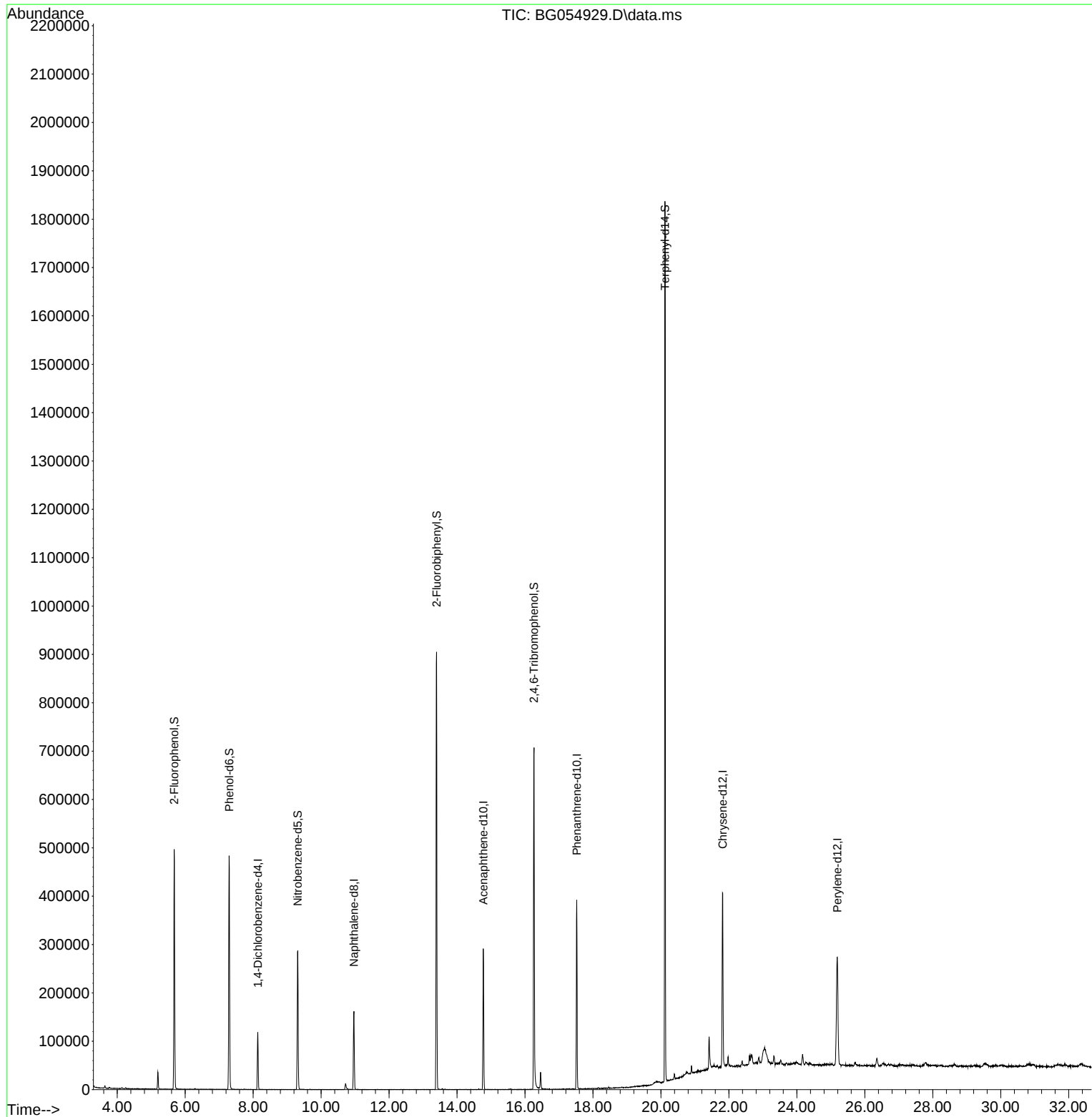
Target Compounds Qvalue

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

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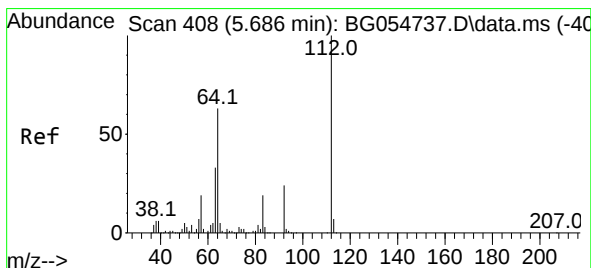
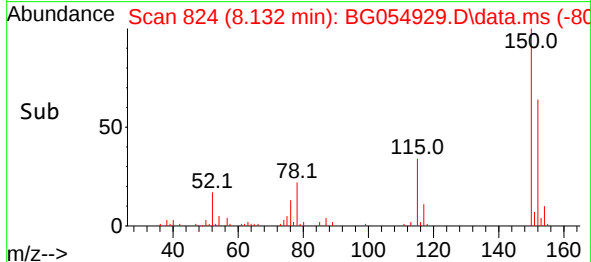
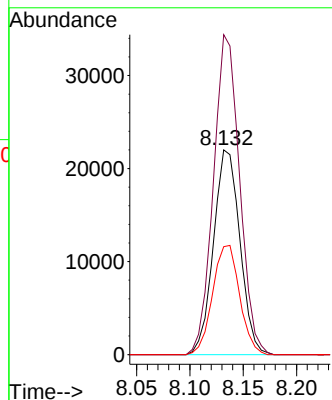
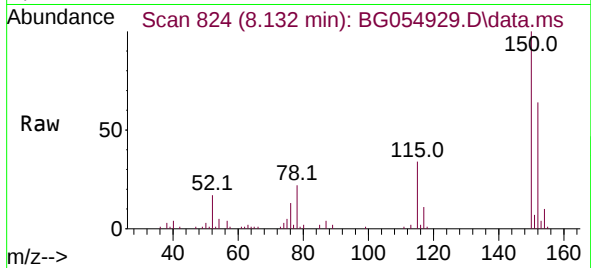




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.132 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG054929.D
Acq: 13 Sep 2022 19:44

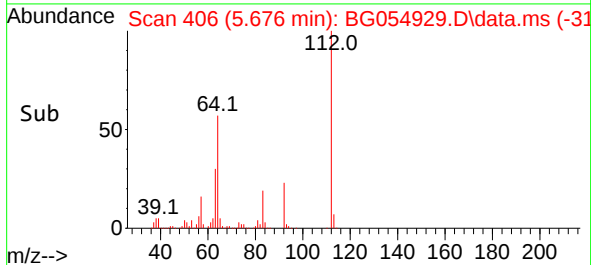
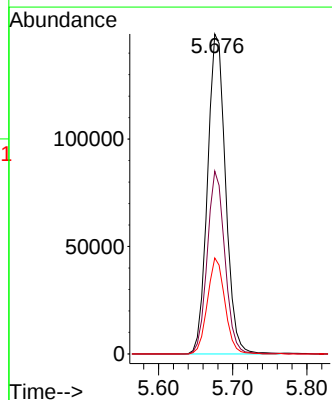
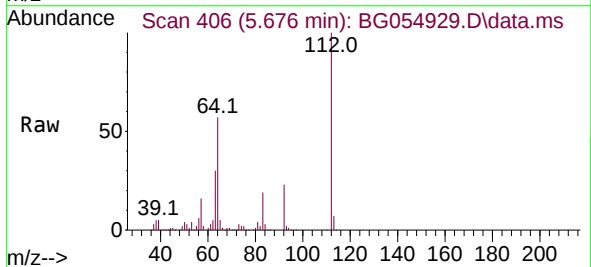
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-4

Tgt Ion:152 Resp: 38047
Ion Ratio Lower Upper
152 100
150 156.3 125.2 187.8
115 52.7 47.9 71.9



#5
2-Fluorophenol
Concen: 115.095 ng
RT: 5.676 min Scan# 406
Delta R.T. -0.009 min
Lab File: BG054929.D
Acq: 13 Sep 2022 19:44

Tgt Ion:112 Resp: 251470
Ion Ratio Lower Upper
112 100
64 57.1 49.3 73.9
63 30.0 26.3 39.5

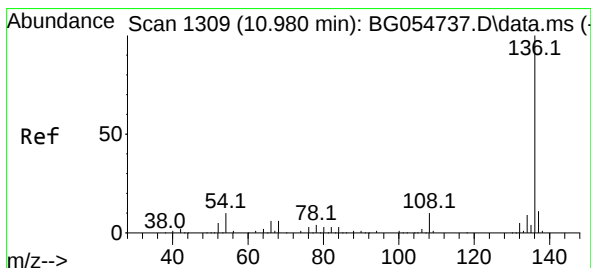
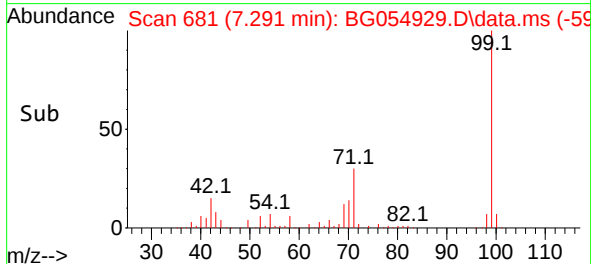
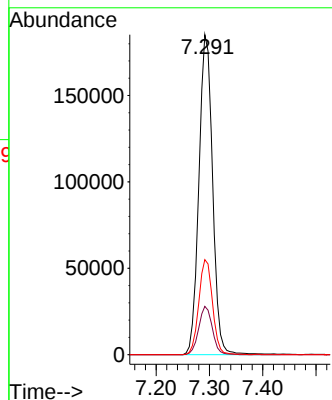
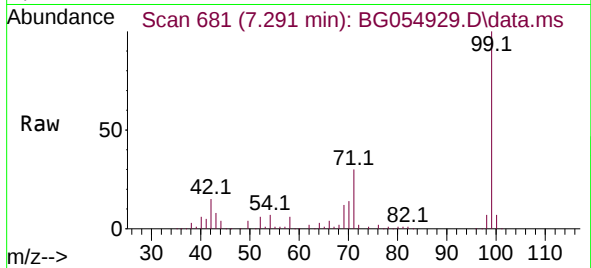




#7
Phenol-d6
Concen: 110.537 ng
RT: 7.291 min Scan# 681
Delta R.T. -0.009 min
Lab File: BG054929.D
Acq: 13 Sep 2022 19:44

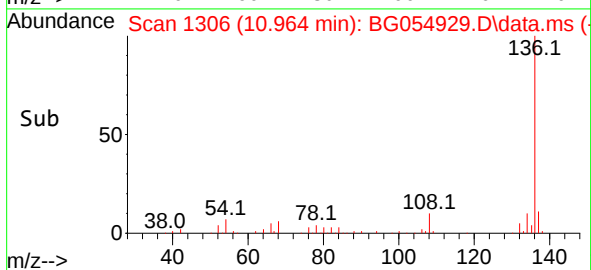
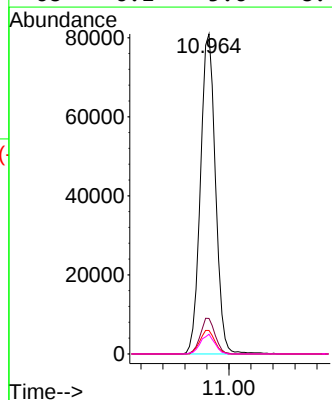
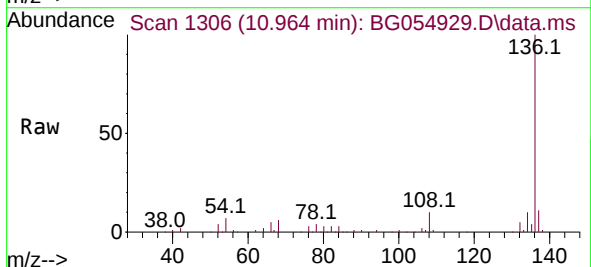
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-4

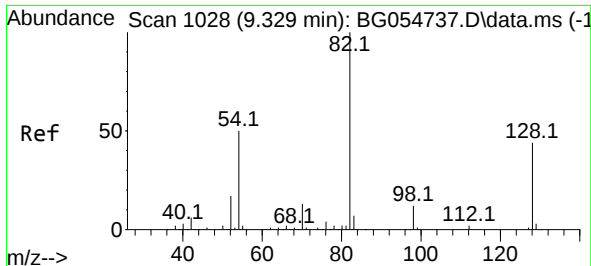
Tgt Ion: 99 Resp: 330289
Ion Ratio Lower Upper
99 100
42 15.1 14.6 22.0
71 29.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.964 min Scan# 1306
Delta R.T. -0.009 min
Lab File: BG054929.D
Acq: 13 Sep 2022 19:44

Tgt Ion: 136 Resp: 153126
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.3 7.7 11.5#
68 6.1 5.6 8.4





#23

Nitrobenzene-d5

Concen: 65.947 ng

RT: 9.313 min Scan# 1025

Delta R.T. -0.009 min

Lab File: BG054929.D

Acq: 13 Sep 2022 19:44

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-4

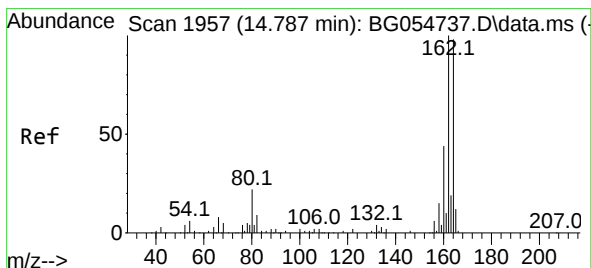
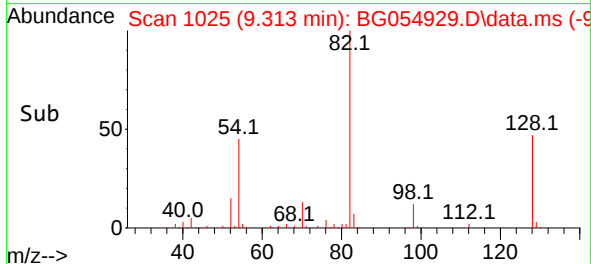
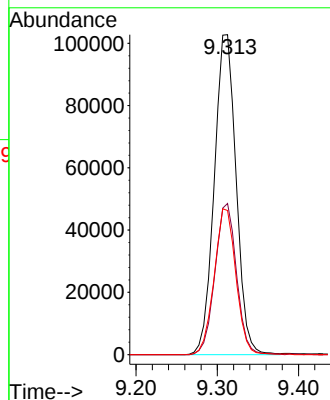
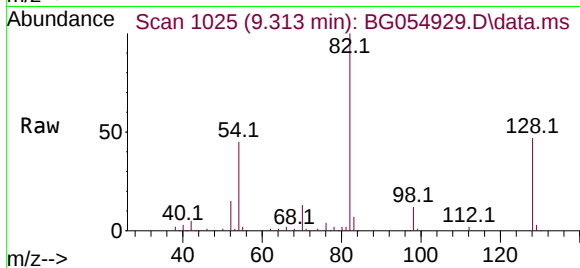
Tgt Ion: 82 Resp: 192359

Ion Ratio Lower Upper

82 100

128 47.2 32.2 48.2

54 45.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.771 min Scan# 1954

Delta R.T. -0.009 min

Lab File: BG054929.D

Acq: 13 Sep 2022 19:44

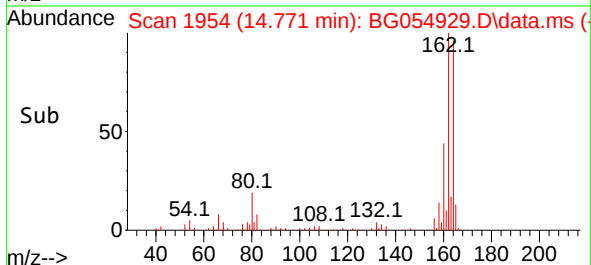
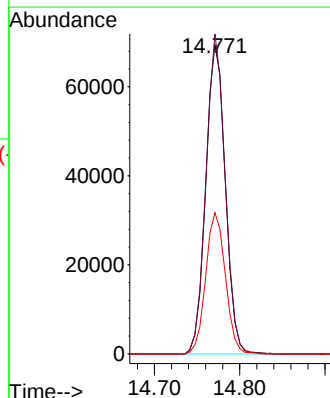
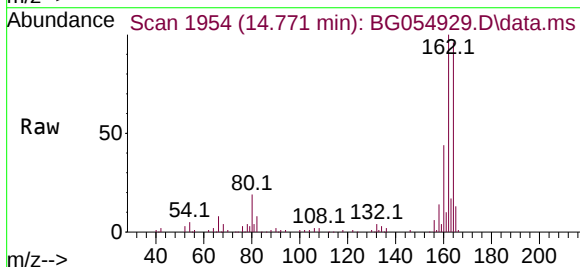
Tgt Ion:164 Resp: 110584

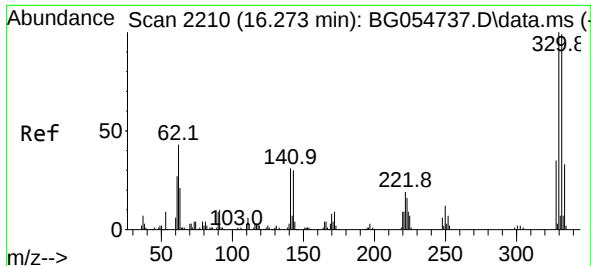
Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

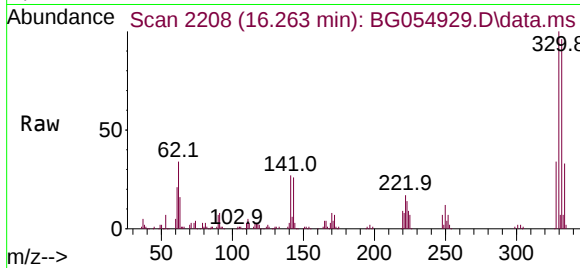
160 45.7 38.0 57.0



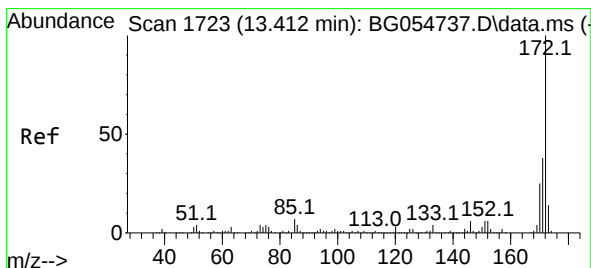
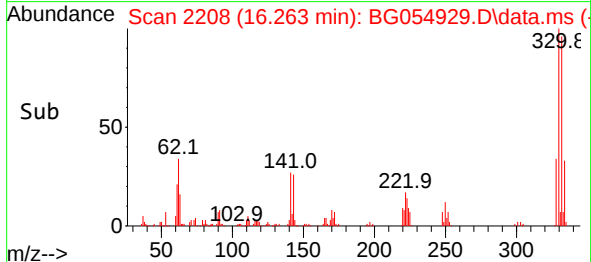
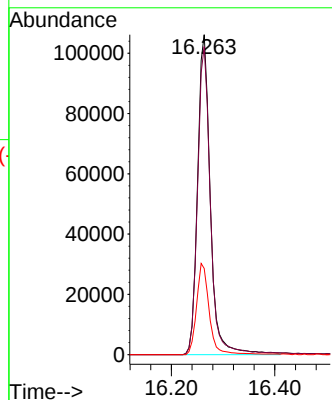


#42
2,4,6-Tribromophenol
Concen: 131.853 ng
RT: 16.263 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG054929.D
Acq: 13 Sep 2022 19:44

Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-4

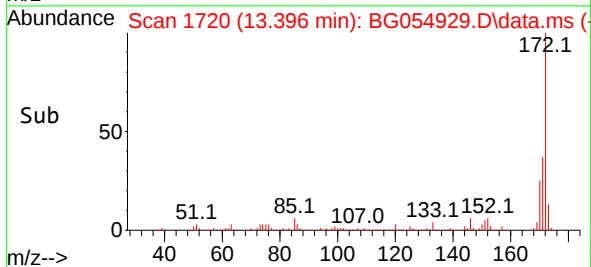
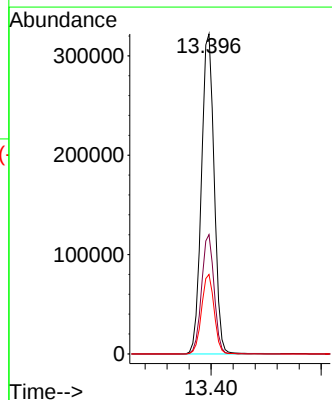
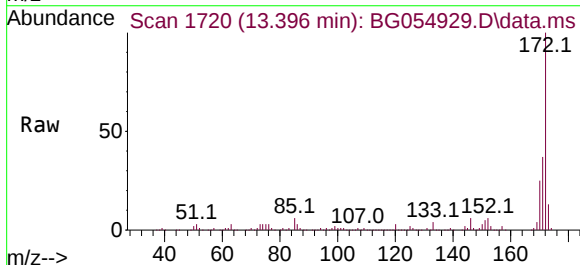


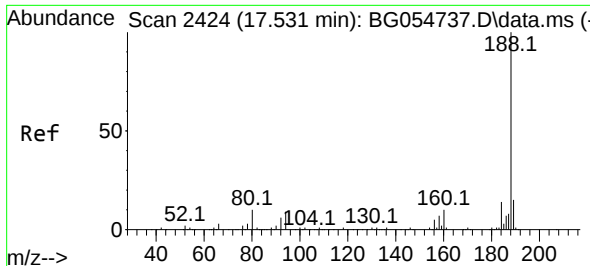
Tgt Ion:330 Resp: 182197
Ion Ratio Lower Upper
330 100
332 96.5 79.8 119.6
141 28.3 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 70.255 ng
RT: 13.396 min Scan# 1720
Delta R.T. -0.009 min
Lab File: BG054929.D
Acq: 13 Sep 2022 19:44

Tgt Ion:172 Resp: 516899
Ion Ratio Lower Upper
172 100
171 37.3 31.2 46.8
170 24.8 20.6 30.8

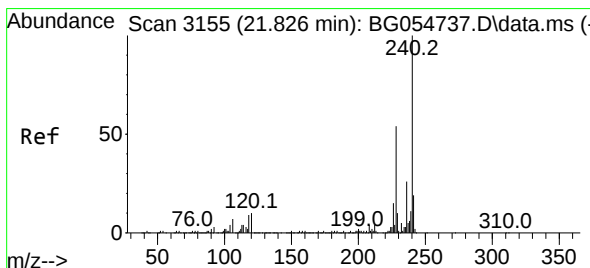
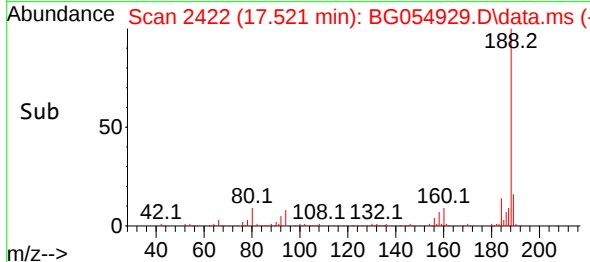
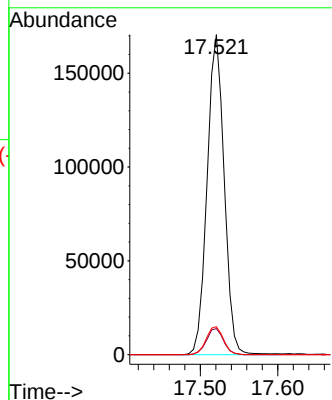
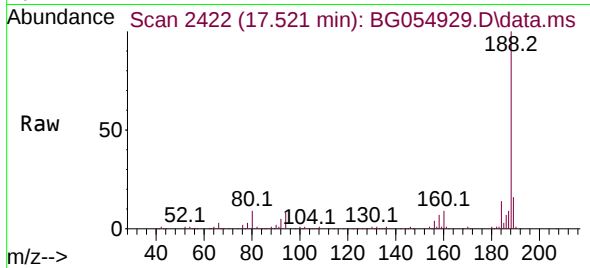




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.521 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG054929.D
Acq: 13 Sep 2022 19:44

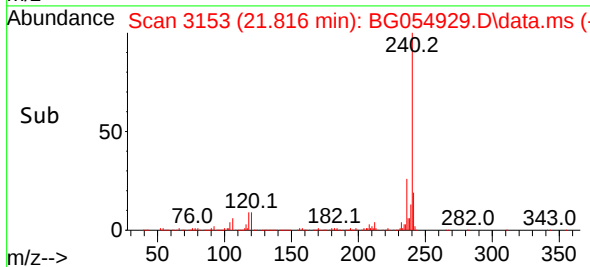
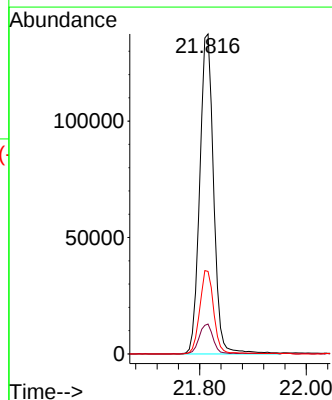
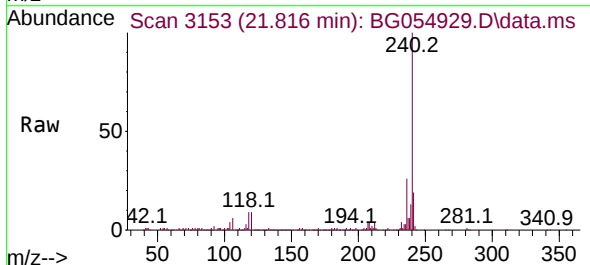
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-4

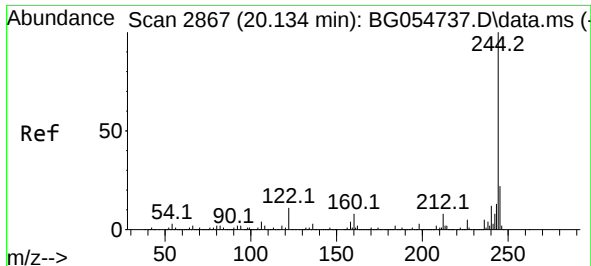
Tgt Ion:188 Resp: 260336
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 8.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG054929.D
Acq: 13 Sep 2022 19:44

Tgt Ion:240 Resp: 248351
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 25.8 21.2 31.8

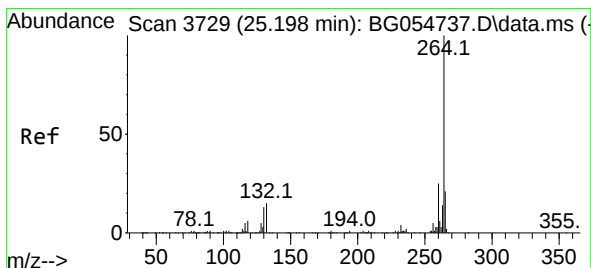
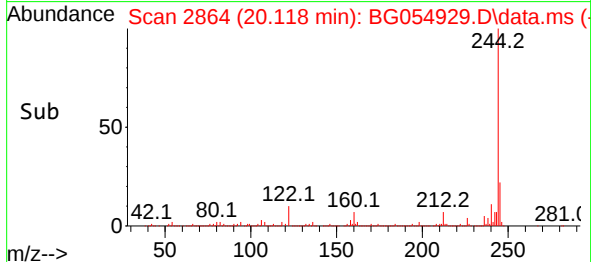
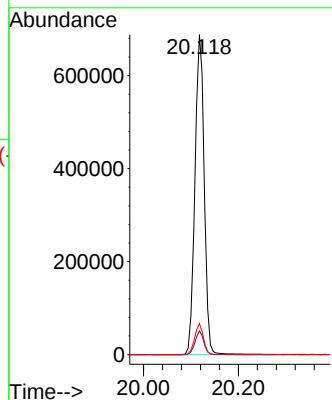
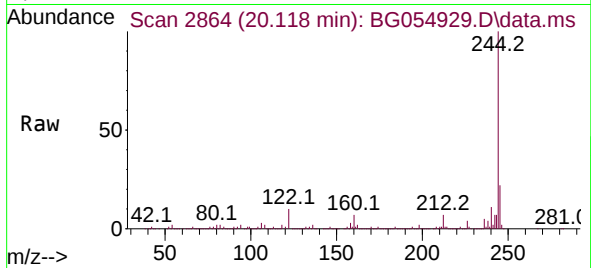




#79
 Terphenyl-d14
 Concen: 74.596 ng
 RT: 20.118 min Scan# 2864
 Delta R.T. -0.009 min
 Lab File: BG054929.D
 Acq: 13 Sep 2022 19:44

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-4

Tgt Ion:244 Resp: 935004
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.188 min Scan# 3727
 Delta R.T. -0.014 min
 Lab File: BG054929.D
 Acq: 13 Sep 2022 19:44

Tgt Ion:264 Resp: 262566
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 21.9 16.9 25.3

