

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
 Data File : BG054952.D
 Acq On : 14 Sep 2022 20:50
 Operator : CG/JU
 Sample : N4579-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-11

Quant Time: Sep 15 03:23:37 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)

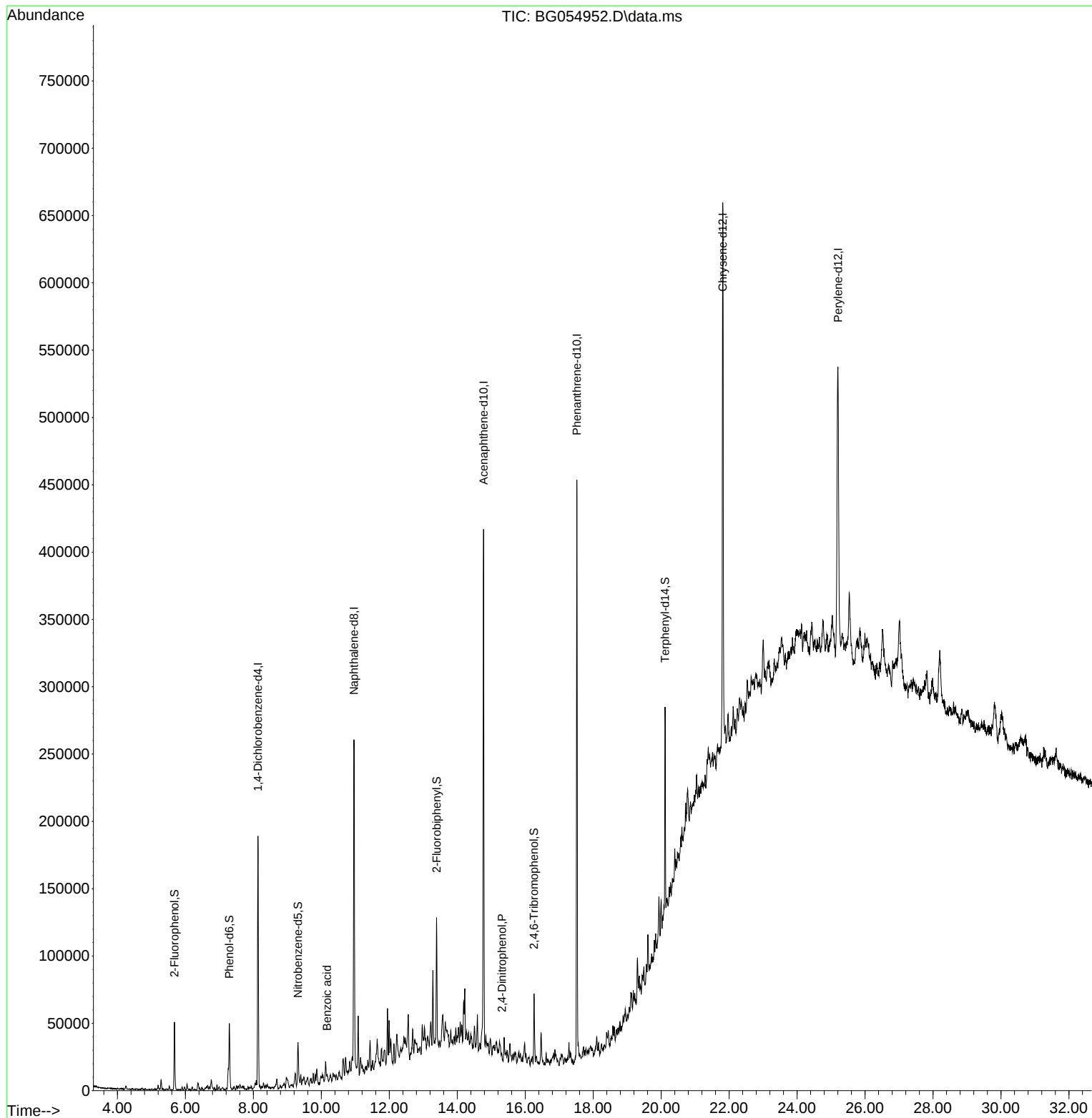
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	59837	20.000	ng	0.00
21) Naphthalene-d8	10.961	136	225873	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	141396	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	293123	20.000	ng	0.00
76) Chrysene-d12	21.813	240	275941	20.000	ng	0.00
86) Perylene-d12	25.203	264	284162	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	26960	7.846	ng	0.00
7) Phenol-d6	7.295	99	36213	7.706	ng	0.00
23) Nitrobenzene-d5	9.316	82	21753	5.056	ng	0.00
42) 2,4,6-Tribromophenol	16.261	330	12484	7.066	ng	0.00
45) 2-Fluorobiphenyl	13.394	172	55326	5.881	ng	0.00
79) Terphenyl-d14	20.115	244	79768	5.728	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.168	122	115	7.848	ng	# 36
54) 2,4-Dinitrophenol	15.321	184	63	6.746	ng	# 24

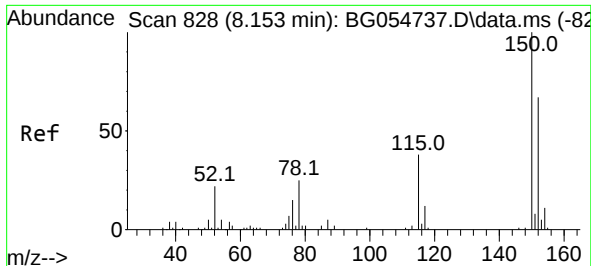
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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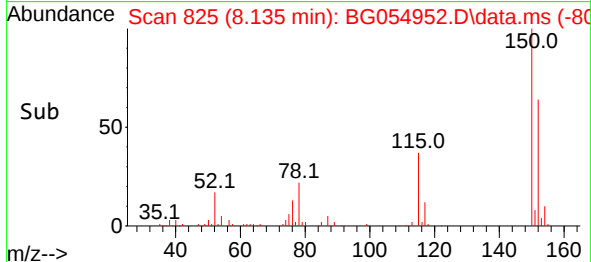
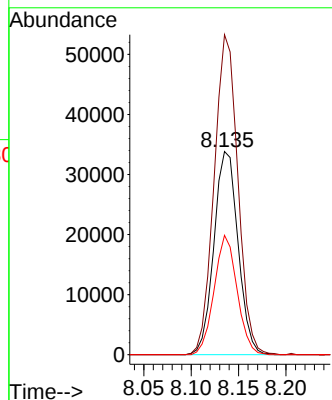
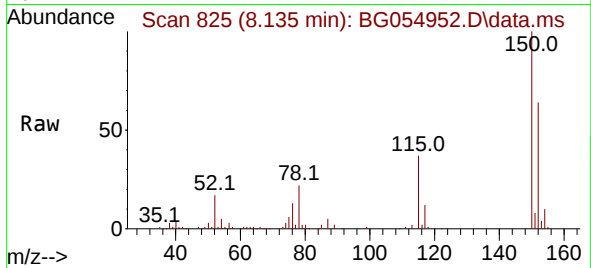




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

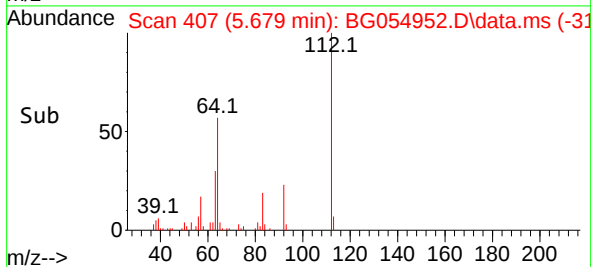
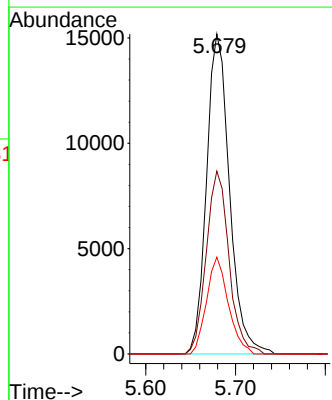
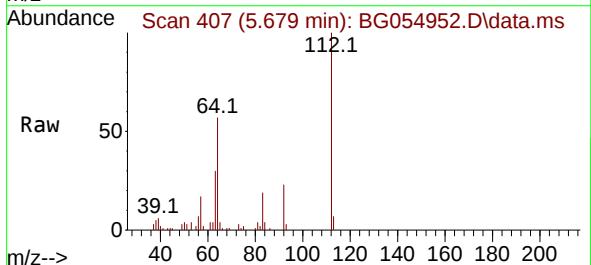
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-11

Tgt Ion:152 Resp: 59837
Ion Ratio Lower Upper
152 100
150 157.4 125.2 187.8
115 58.7 47.9 71.9



#5
2-Fluorophenol
Concen: 7.846 ng
RT: 5.679 min Scan# 407
Delta R.T. 0.006 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

Tgt Ion:112 Resp: 26960
Ion Ratio Lower Upper
112 100
64 57.2 49.3 73.9
63 30.2 26.3 39.5

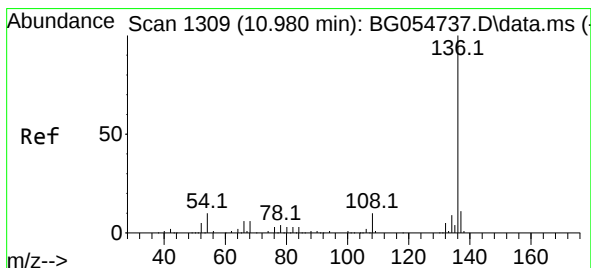
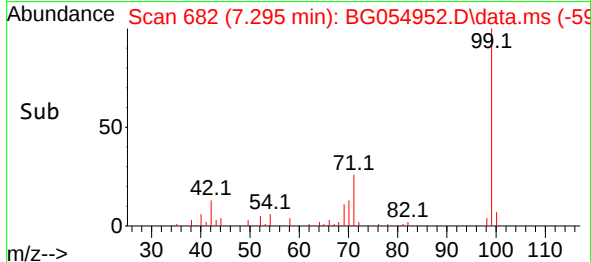
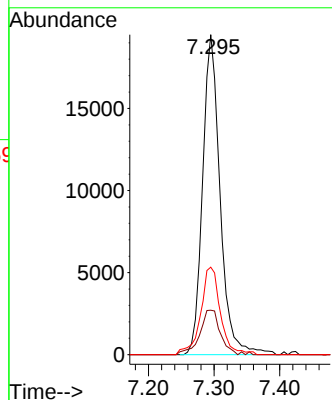
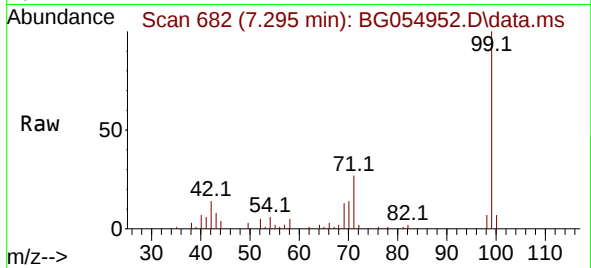




#7
Phenol-d6
Concen: 7.706 ng
RT: 7.295 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

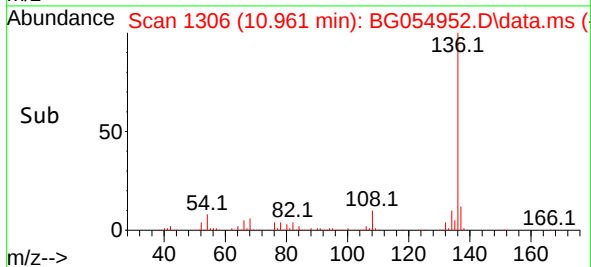
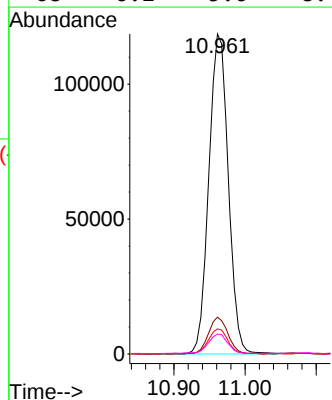
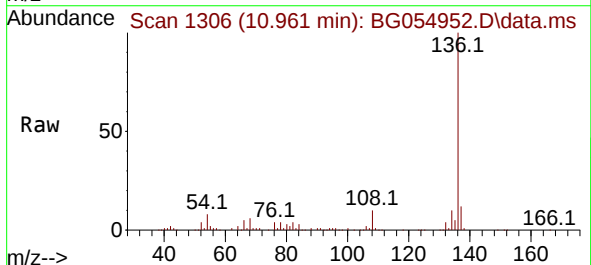
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-11

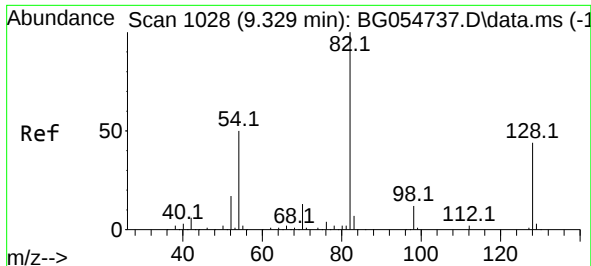
Tgt Ion: 99 Resp: 36213
Ion Ratio Lower Upper
99 100
42 13.9 14.6 22.0#
71 27.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

Tgt Ion: 136 Resp: 225873
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.8 7.7 11.5
68 6.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 5.056 ng

RT: 9.316 min Scan# 11071

Delta R.T. 0.006 min

Lab File: BG054952.D

Acq: 14 Sep 2022 20:50

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-11

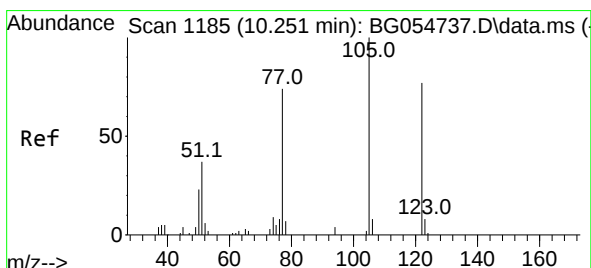
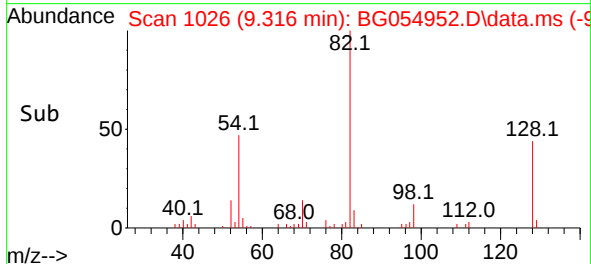
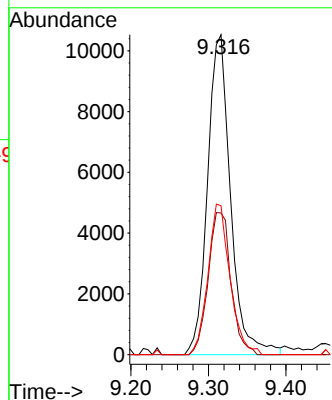
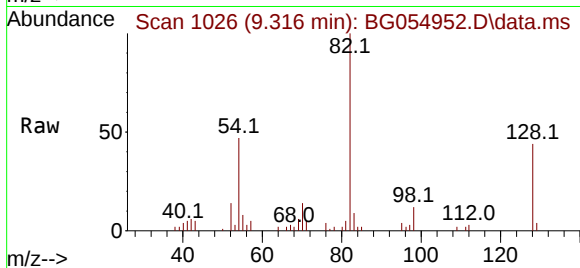
Tgt Ion: 82 Resp: 21753

Ion Ratio Lower Upper

82 100

128 44.3 32.2 48.2

54 46.6 41.4 62.0



#32

Benzoic acid

Concen: 7.848 ng

RT: 10.168 min Scan# 1171

Delta R.T. -0.170 min

Lab File: BG054952.D

Acq: 14 Sep 2022 20:50

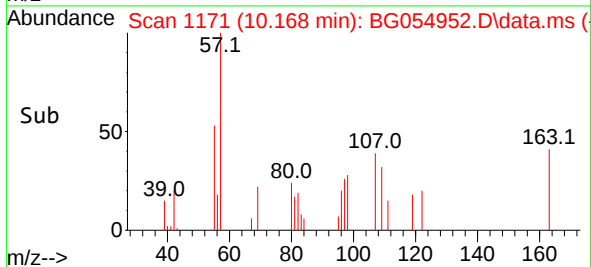
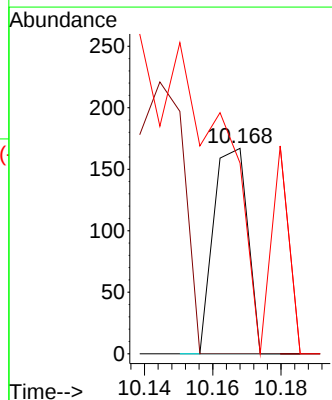
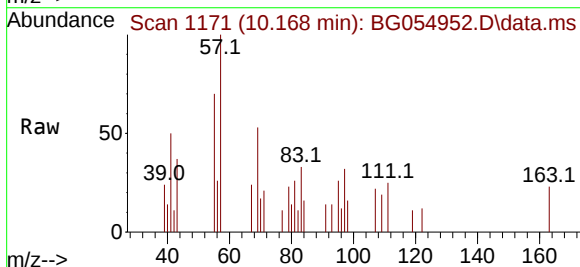
Tgt Ion: 122 Resp: 115

Ion Ratio Lower Upper

122 100

105 0.0 101.5 141.5#

77 92.8 69.3 109.3

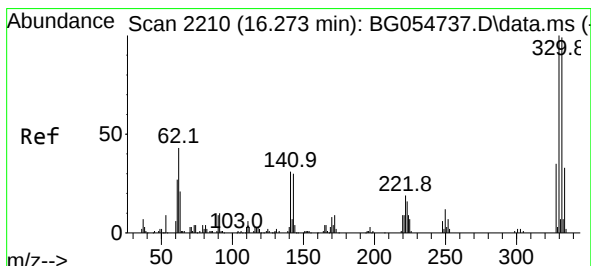
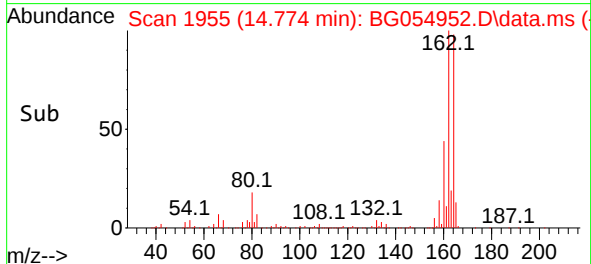
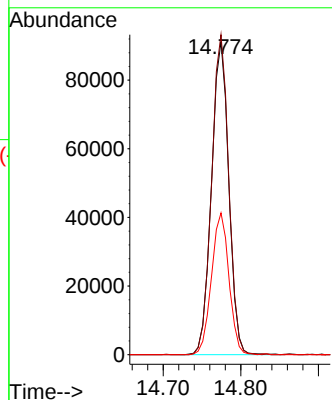
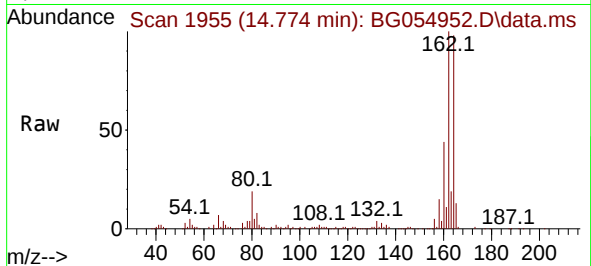




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

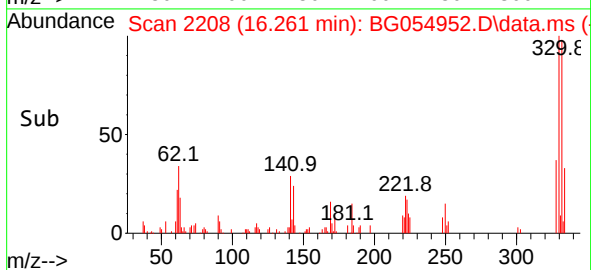
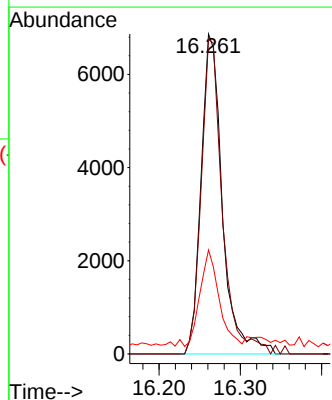
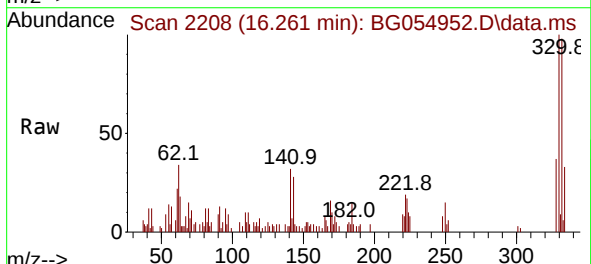
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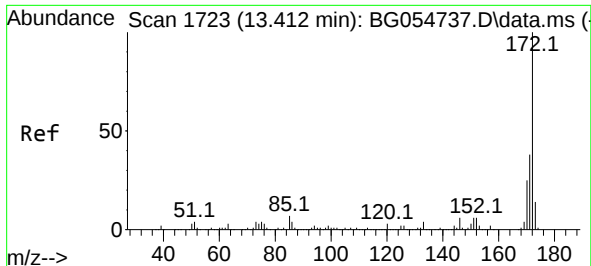
Tgt Ion:164 Resp: 141396
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 45.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 7.066 ng
RT: 16.261 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

Tgt Ion:330 Resp: 12484
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 26.9 26.8 40.2

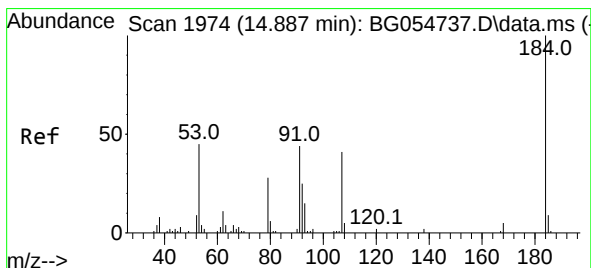
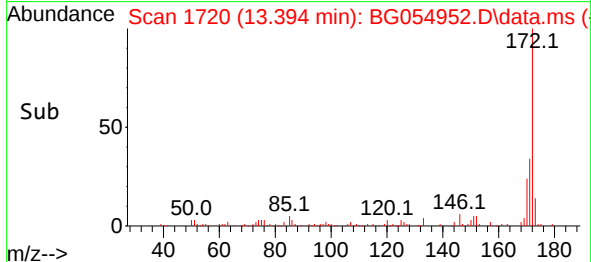
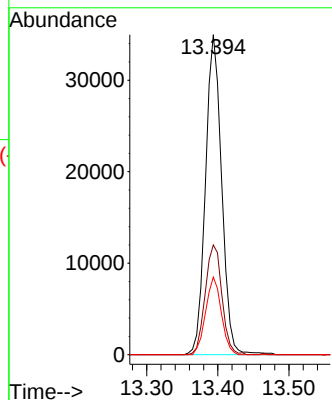
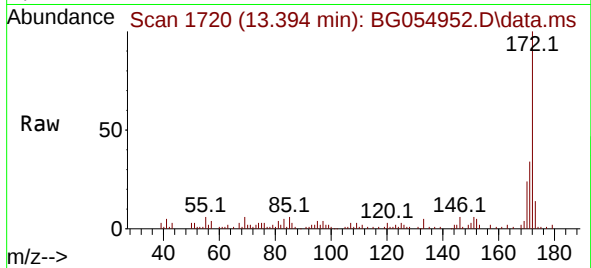




#45
2-Fluorobiphenyl
Concen: 5.881 ng
RT: 13.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

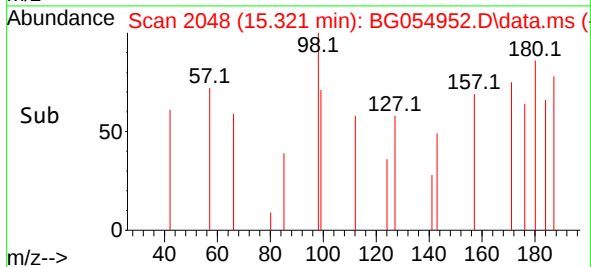
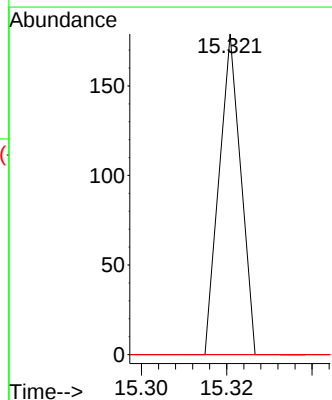
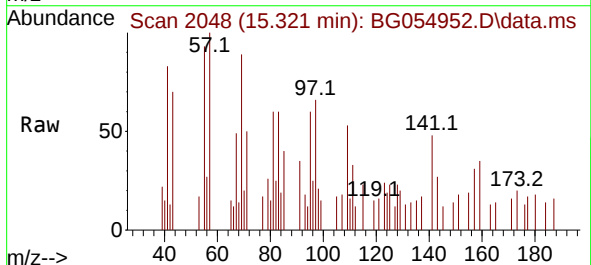
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BNA_G
ClientSampleId :
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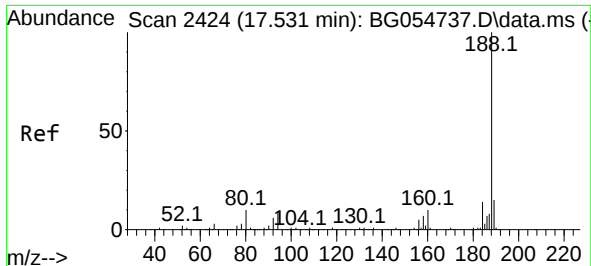
Tgt Ion:172 Resp: 55326
Ion Ratio Lower Upper
172 100
171 34.3 31.2 46.8
170 24.3 20.6 30.8



#54
2,4-Dinitrophenol
Concen: 6.746 ng
RT: 15.321 min Scan# 2048
Delta R.T. 0.423 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 0.0 41.8 62.8#
154 0.0 45.2 67.8#

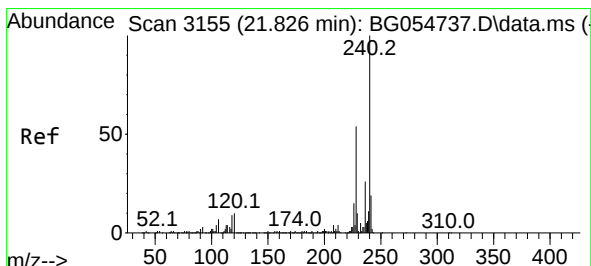
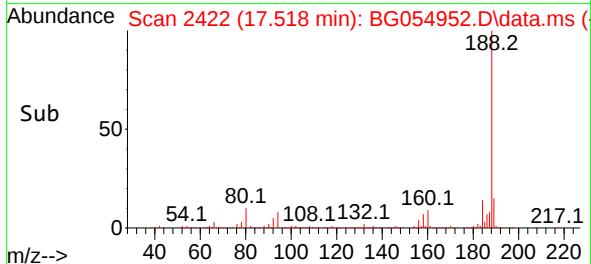
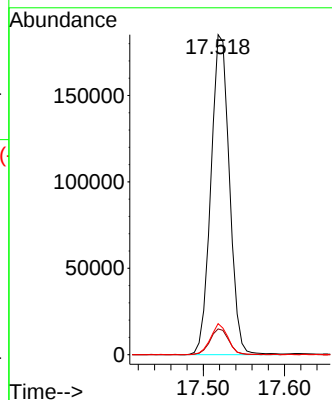
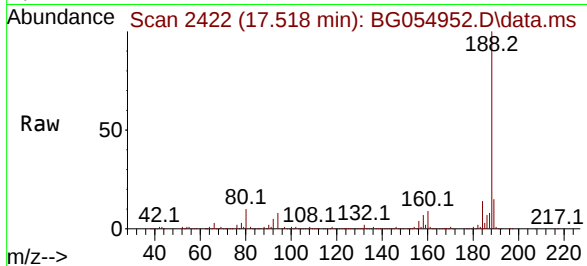




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.518 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

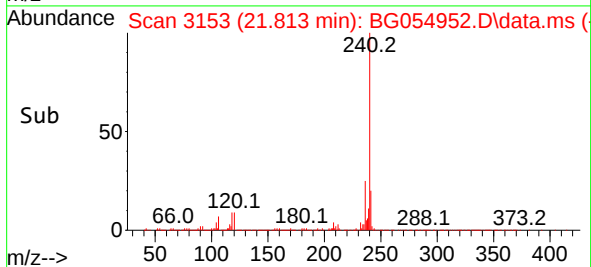
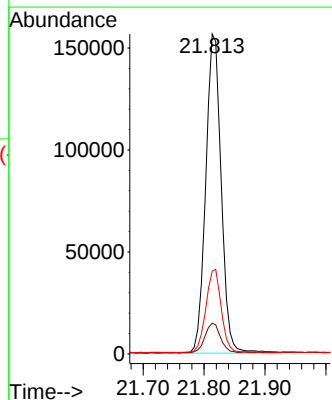
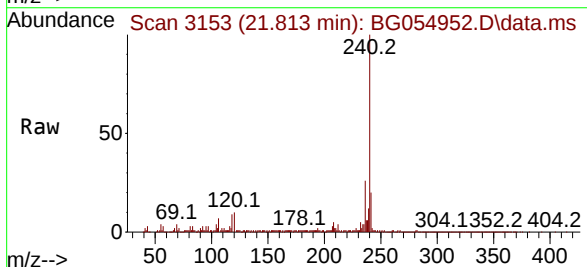
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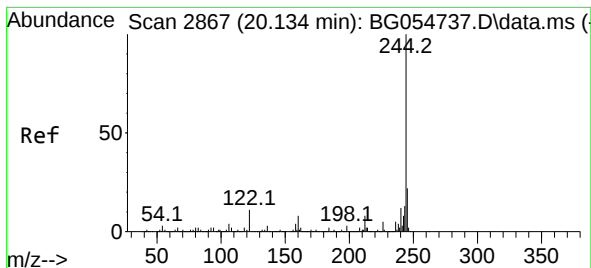
Tgt Ion:188 Resp: 293123
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG054952.D
Acq: 14 Sep 2022 20:50

Tgt Ion:240 Resp: 275941
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 5.728 ng

RT: 20.115 min Scan# 2

Delta R.T. -0.006 min

Lab File: BG054952.D

Acq: 14 Sep 2022 20:50

Instrument :

BNA_G

ClientSampleId :

CHERRY-HILL-COMP-11

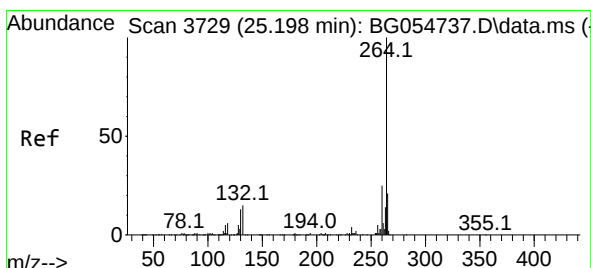
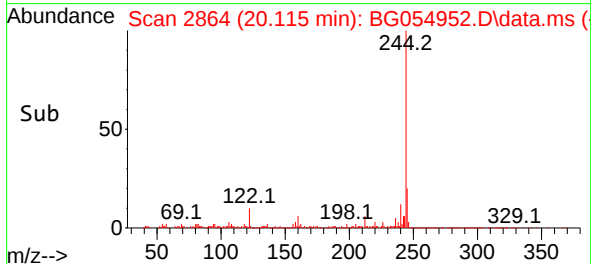
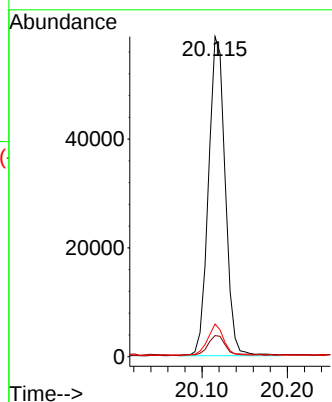
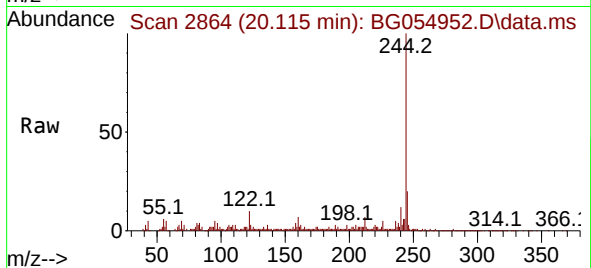
Tgt Ion:244 Resp: 79768

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

122 10.2 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.203 min Scan# 3730

Delta R.T. 0.018 min

Lab File: BG054952.D

Acq: 14 Sep 2022 20:50

Tgt Ion:264 Resp: 284162

Ion Ratio Lower Upper

264 100

260 25.6 19.9 29.9

265 22.5 16.9 25.3

