

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091322\
 Data File : BG054932.D
 Acq On : 13 Sep 2022 21:51
 Operator : CG/JU
 Sample : N4578-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-5

Quant Time: Sep 14 03:23:36 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)

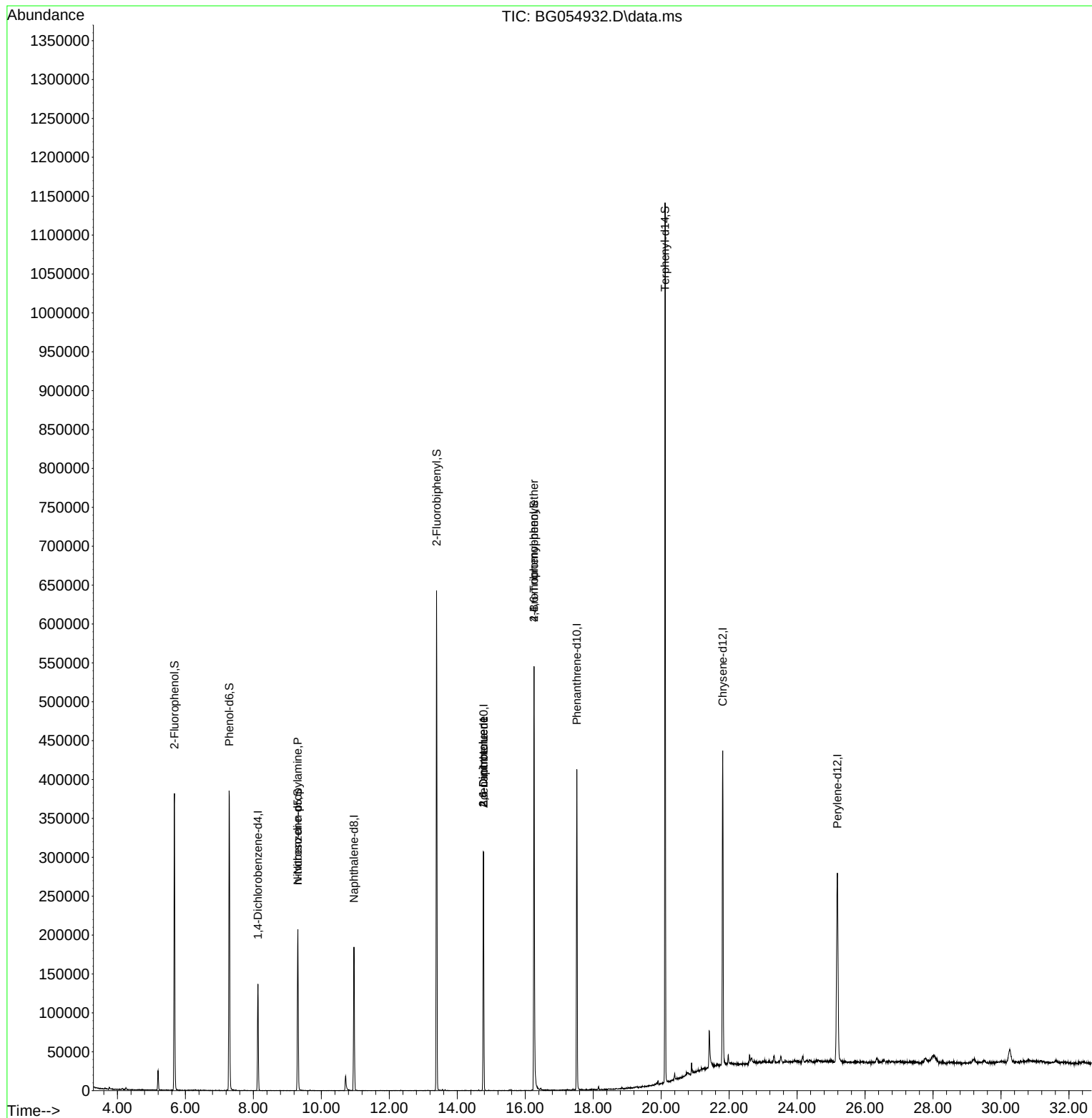
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	43101	20.000	ng	-0.01
21) Naphthalene-d8	10.961	136	171002	20.000	ng	#-0.01
39) Acenaphthene-d10	14.774	164	120797	20.000	ng	0.00
64) Phenanthrene-d10	17.518	188	279264	20.000	ng	-0.01
76) Chrysene-d12	21.813	240	268968	20.000	ng	-0.01
86) Perylene-d12	25.185	264	283116	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	195459	78.969	ng	0.00
7) Phenol-d6	7.288	99	268691	79.378	ng	-0.01
23) Nitrobenzene-d5	9.310	82	135125	41.482	ng	-0.01
42) 2,4,6-Tribromophenol	16.260	330	138359	91.663	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	359016	44.671	ng	-0.01
79) Terphenyl-d14	20.115	244	609136	44.873	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.310	70	16697	7.173	ng	# 76
51) 2,6-Dinitrotoluene	14.768	165	15561	8.175	ng	# 20
57) 2,4-Dinitrotoluene	14.768	165	15561	5.910	ng	# 18
67) 4-Bromophenyl-phenylether	16.260	248	8440	2.753	ng	# 1

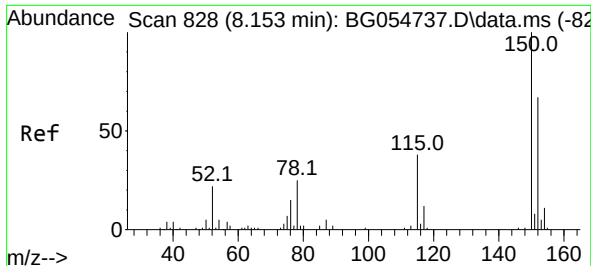
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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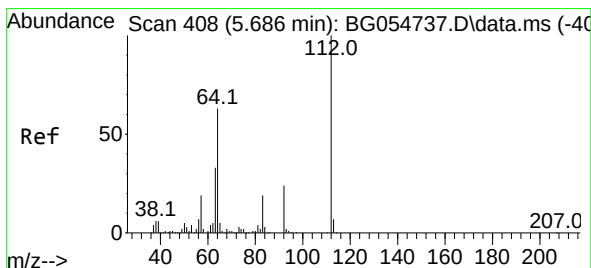
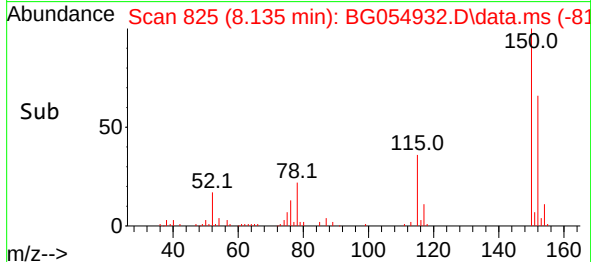
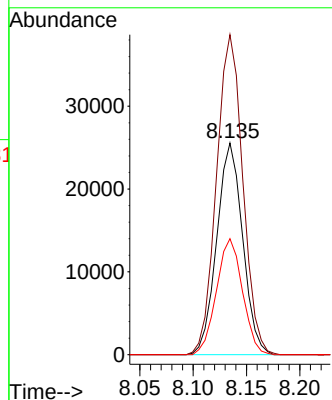
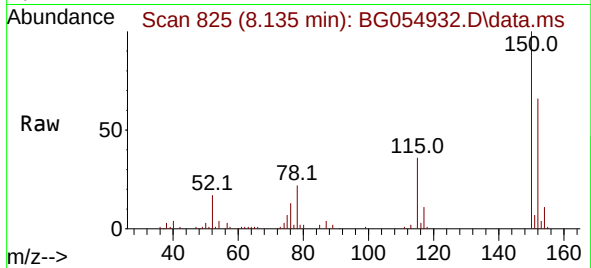




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.135 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

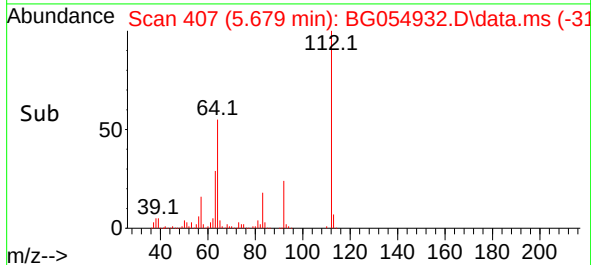
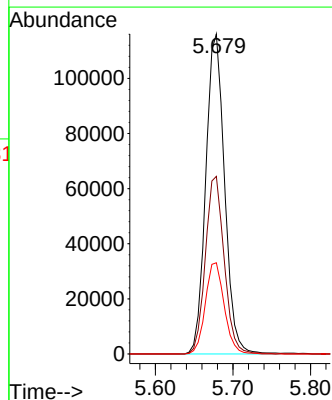
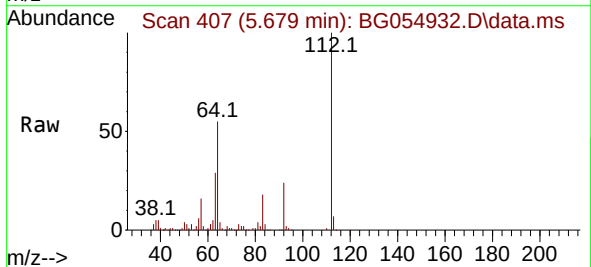
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-5

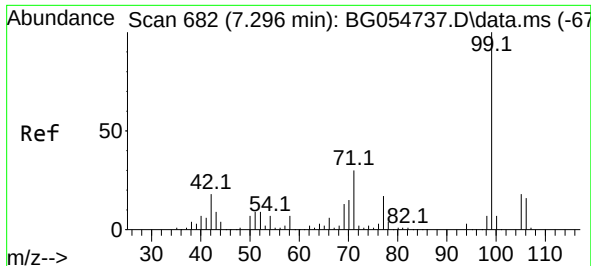
Tgt Ion:152 Resp: 43101
Ion Ratio Lower Upper
152 100
150 151.1 125.2 187.8
115 54.8 47.9 71.9



#5
2-Fluorophenol
Concen: 78.969 ng
RT: 5.679 min Scan# 407
Delta R.T. -0.006 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

Tgt Ion:112 Resp: 195459
Ion Ratio Lower Upper
112 100
64 55.5 49.3 73.9
63 28.5 26.3 39.5

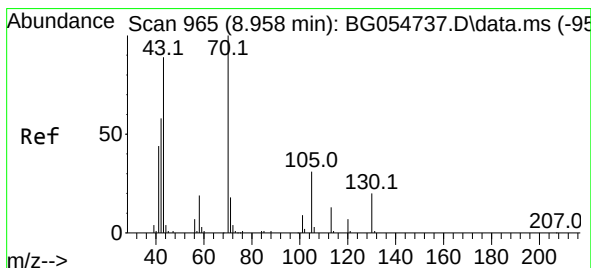
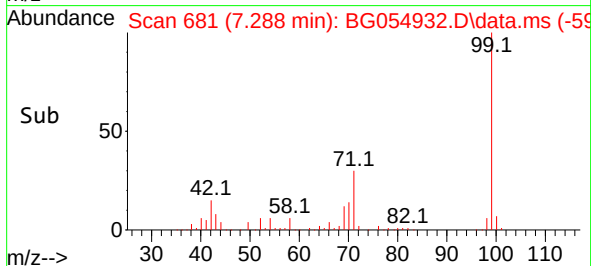
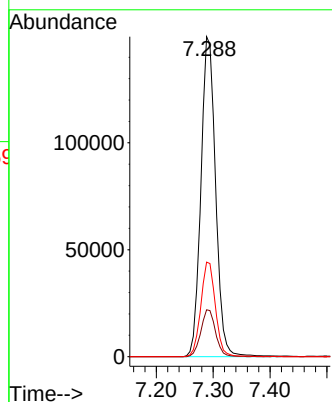
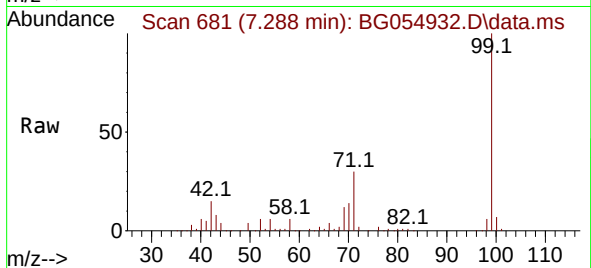




#7
Phenol-d6
Concen: 79.378 ng
RT: 7.288 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

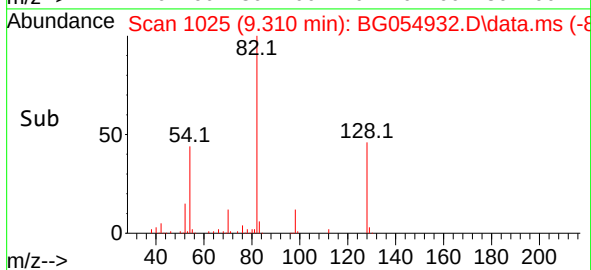
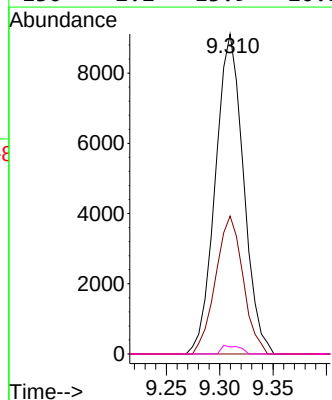
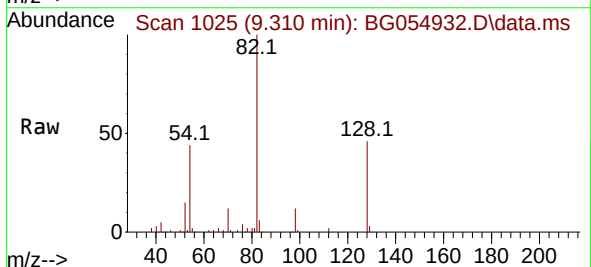
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-5

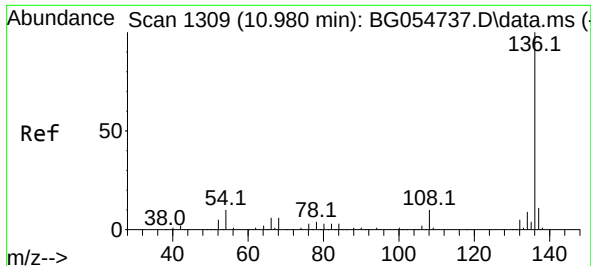
Tgt Ion: 99 Resp: 268691
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0
71 29.5 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.173 ng
RT: 9.310 min Scan# 1025
Delta R.T. 0.359 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

Tgt Ion: 70 Resp: 16697
Ion Ratio Lower Upper
70 100
42 43.1 46.6 69.8#
101 0.0 7.7 11.5#
130 2.2 13.9 20.9#

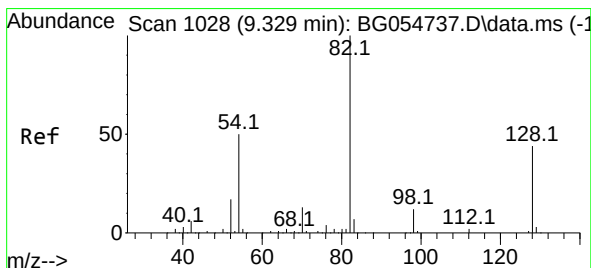
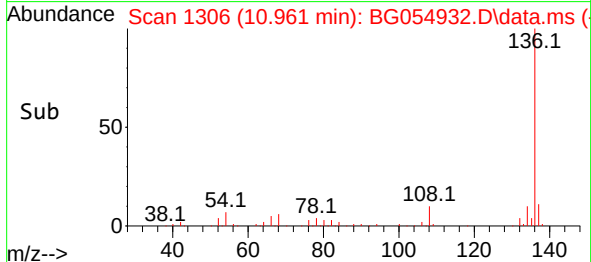
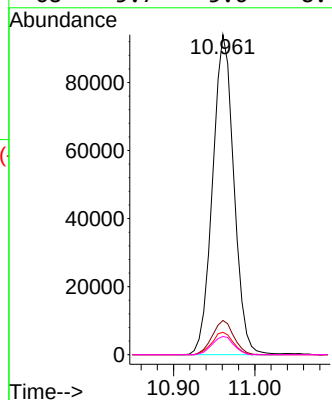
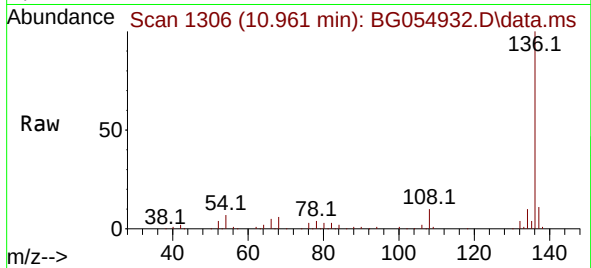




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.961 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

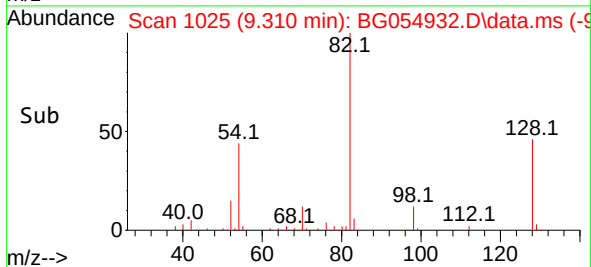
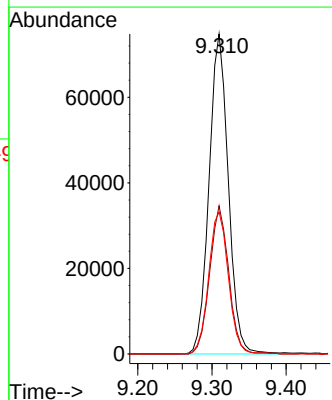
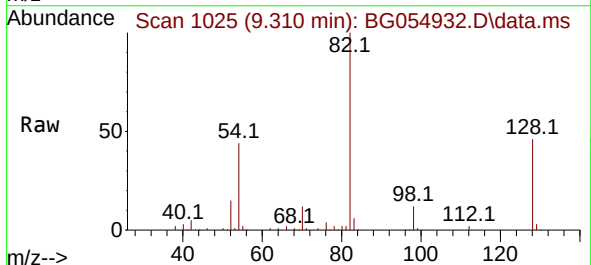
Instrument :
BNA_G
ClientSampleId :
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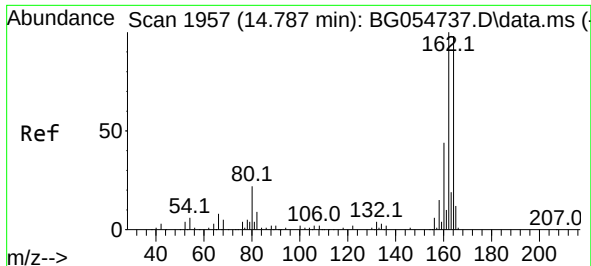
Tgt Ion:	136	Resp:	171002
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.2	13.8
54	7.0	7.7	11.5#
68	5.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 41.482 ng
RT: 9.310 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

Tgt Ion:	82	Resp:	135125
Ion Ratio	Lower	Upper	
82	100		
128	46.3	32.2	48.2
54	44.4	41.4	62.0

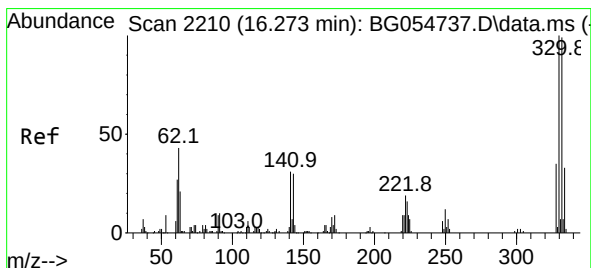
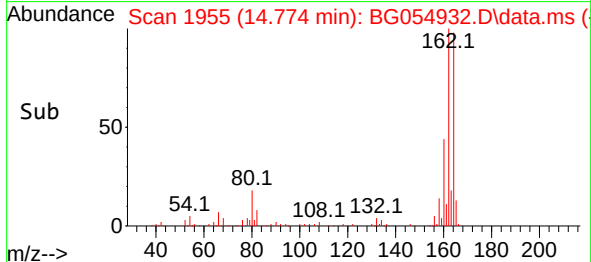
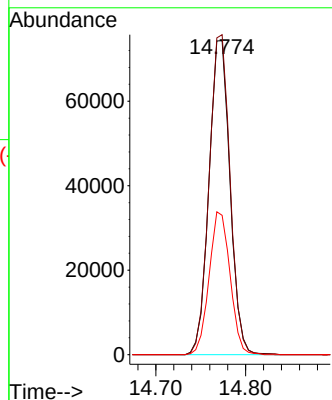
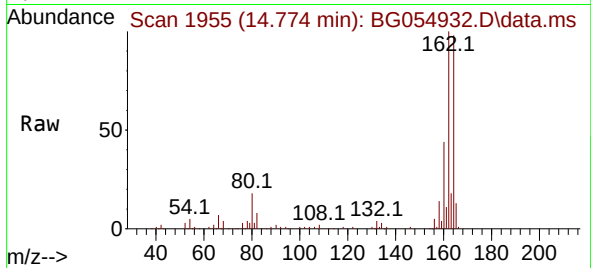




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

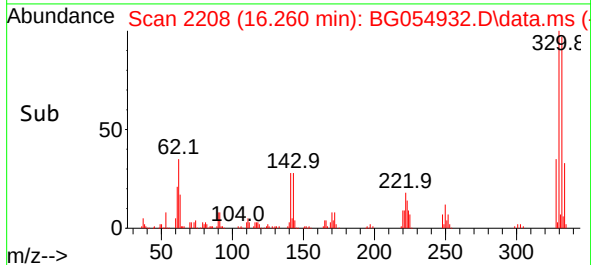
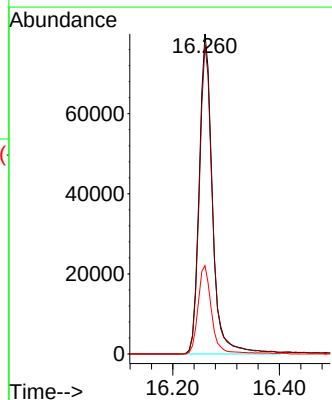
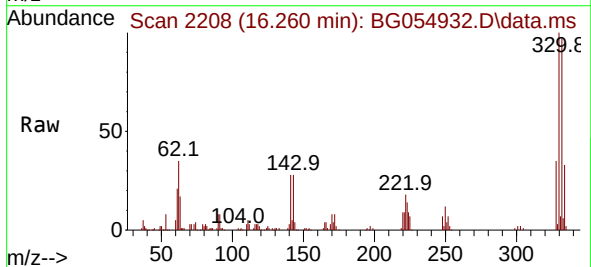
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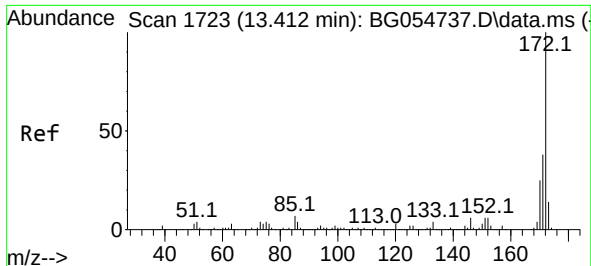
Tgt Ion:164 Resp: 120797
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.4
160 44.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 91.663 ng
RT: 16.260 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

Tgt Ion:330 Resp: 138359
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 28.3 26.8 40.2

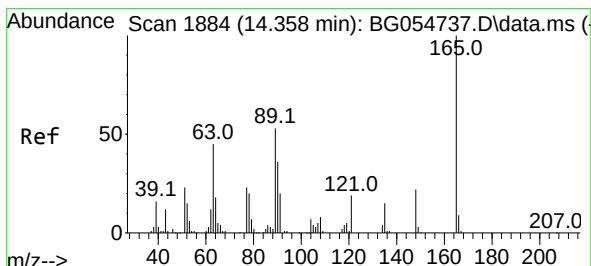
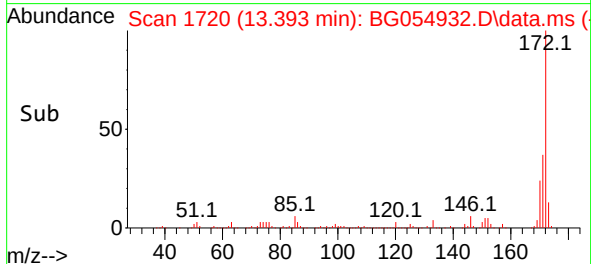
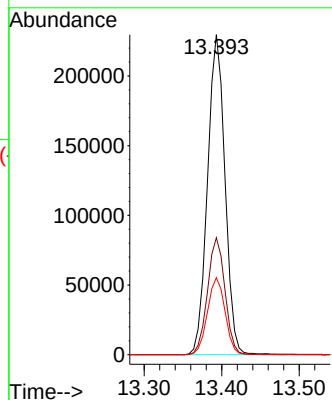
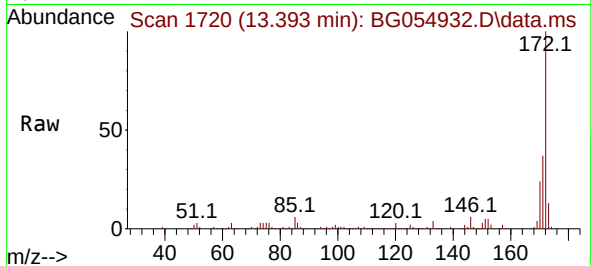




#45
2-Fluorobiphenyl
Concen: 44.671 ng
RT: 13.393 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

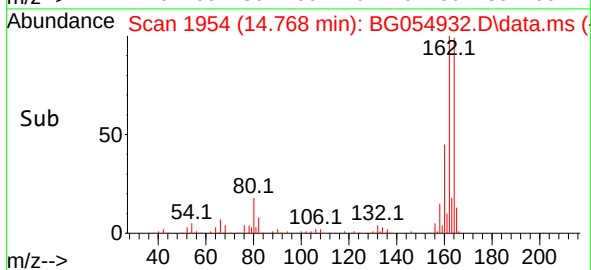
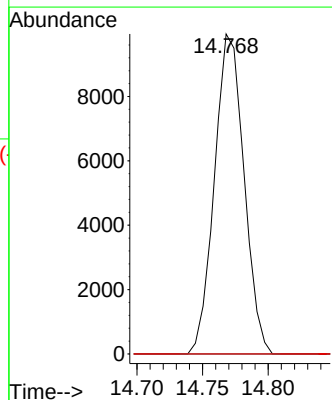
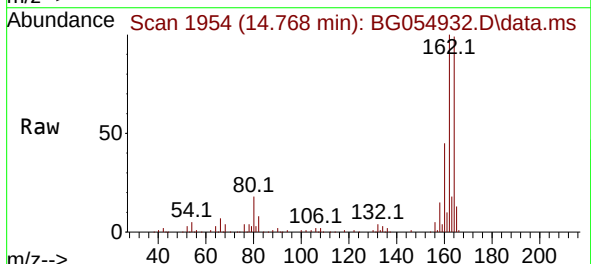
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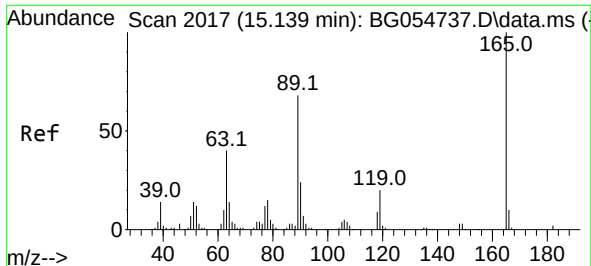
Tgt Ion:172 Resp: 359016
Ion Ratio Lower Upper
172 100
171 36.5 31.2 46.8
170 24.1 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.175 ng
RT: 14.768 min Scan# 1954
Delta R.T. 0.411 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

Tgt Ion:165 Resp: 15561
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

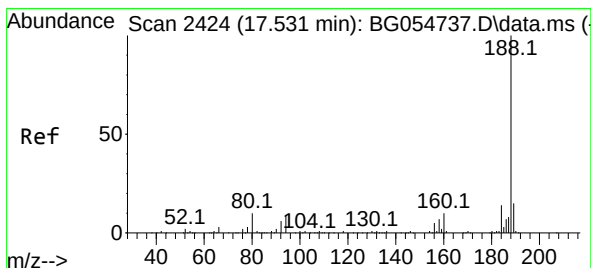
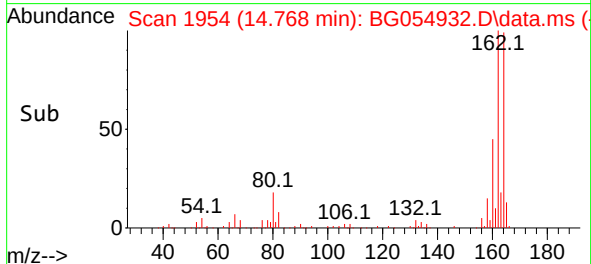
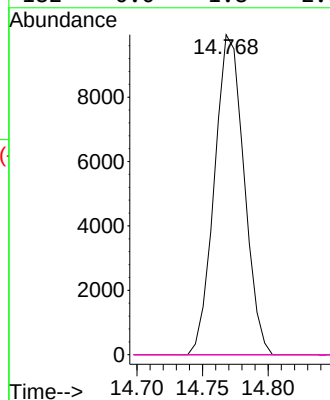
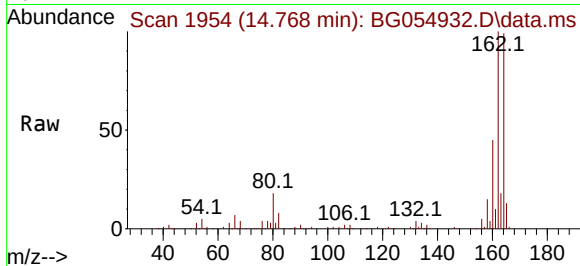




#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 14.768 min Scan# 1954
Delta R.T. -0.376 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

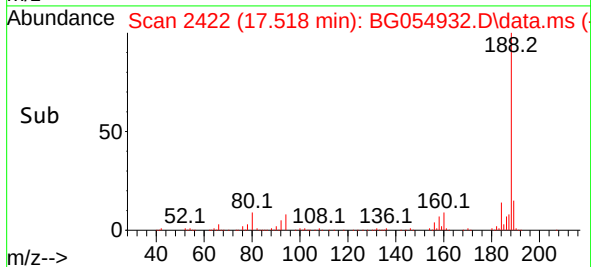
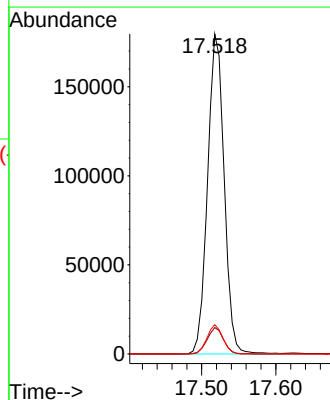
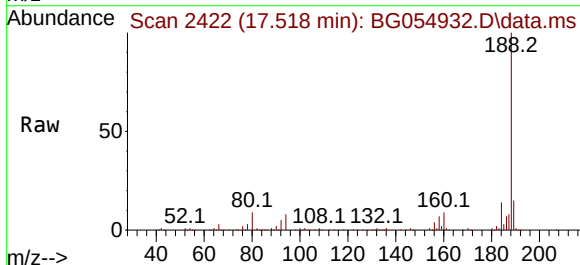
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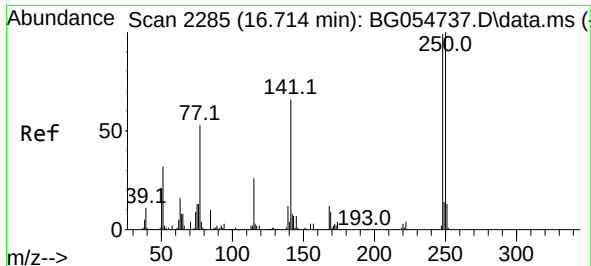
Tgt Ion:165 Resp: 15561
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.518 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

Tgt Ion:188 Resp: 279264
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.2 7.9 11.9

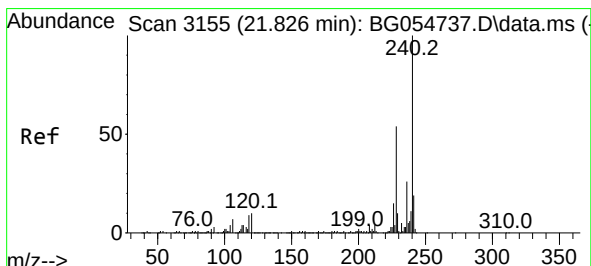
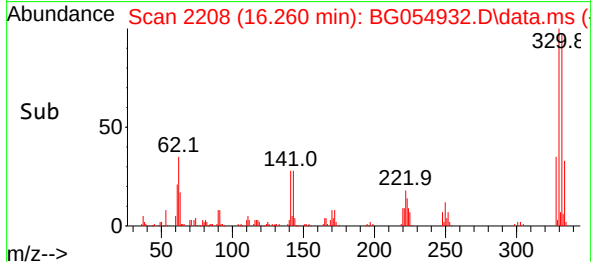
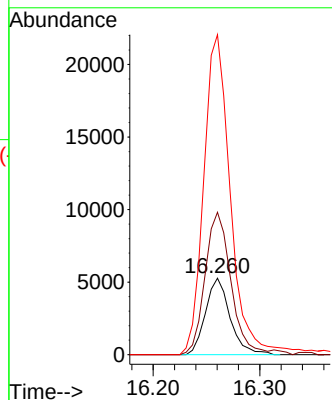
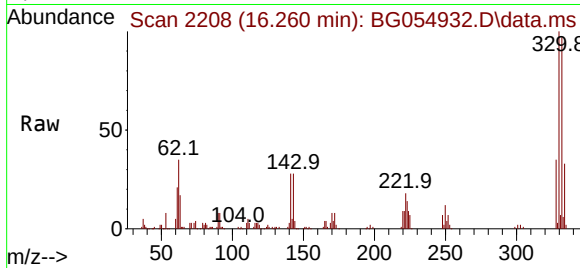




#67
4-Bromophenyl-phenylether
Concen: 2.753 ng
RT: 16.260 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

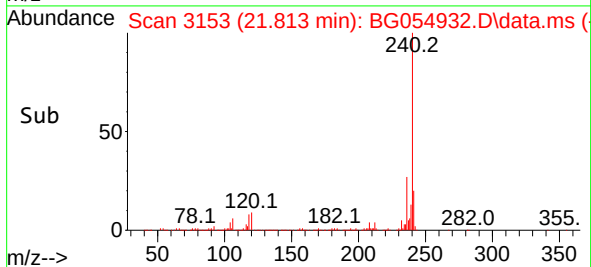
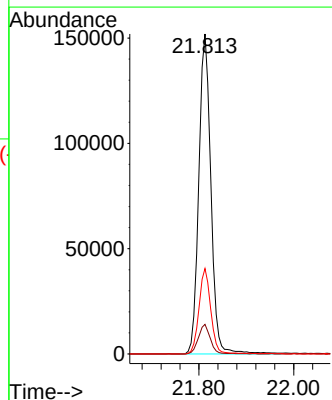
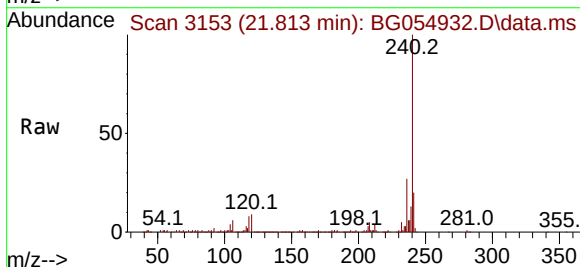
Instrument :
BNA_G
ClientSampleId :
CHERRY-HILL-COMP-5

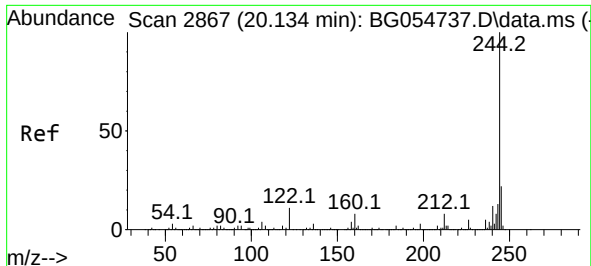
Tgt Ion:248 Resp: 8440
Ion Ratio Lower Upper
248 100
250 186.3 78.8 118.2#
141 418.6 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.813 min Scan# 3153
Delta R.T. -0.012 min
Lab File: BG054932.D
Acq: 13 Sep 2022 21:51

Tgt Ion:240 Resp: 268968
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.4
236 26.7 21.2 31.8

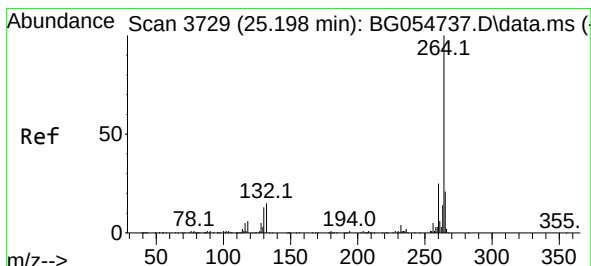
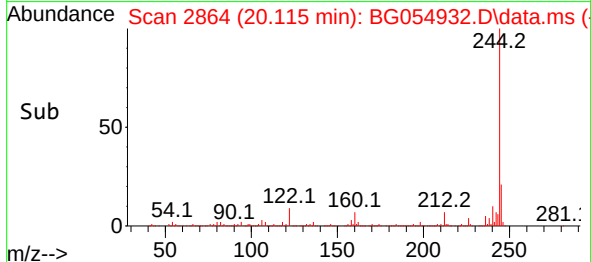
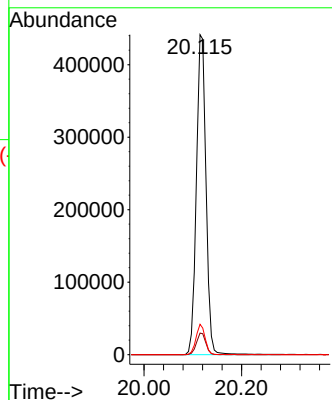
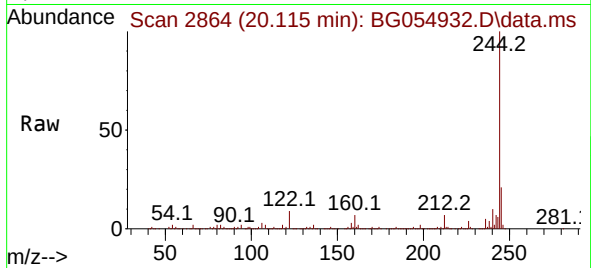




#79
 Terphenyl-d14
 Concen: 44.873 ng
 RT: 20.115 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG054932.D
 Acq: 13 Sep 2022 21:51

Instrument :
 BNA_G
 ClientSampleId :
 CHERRY-HILL-COMP-5

Tgt Ion:244 Resp: 609136
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 9.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.185 min Scan# 3727
 Delta R.T. -0.017 min
 Lab File: BG054932.D
 Acq: 13 Sep 2022 21:51

Tgt Ion:264 Resp: 283116
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 21.7 16.9 25.3

