

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091522\
 Data File : BG054967.D
 Acq On : 15 Sep 2022 22:26
 Operator : CG/JU
 Sample : N4627-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-091422

Quant Time: Sep 16 05:34:04 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)

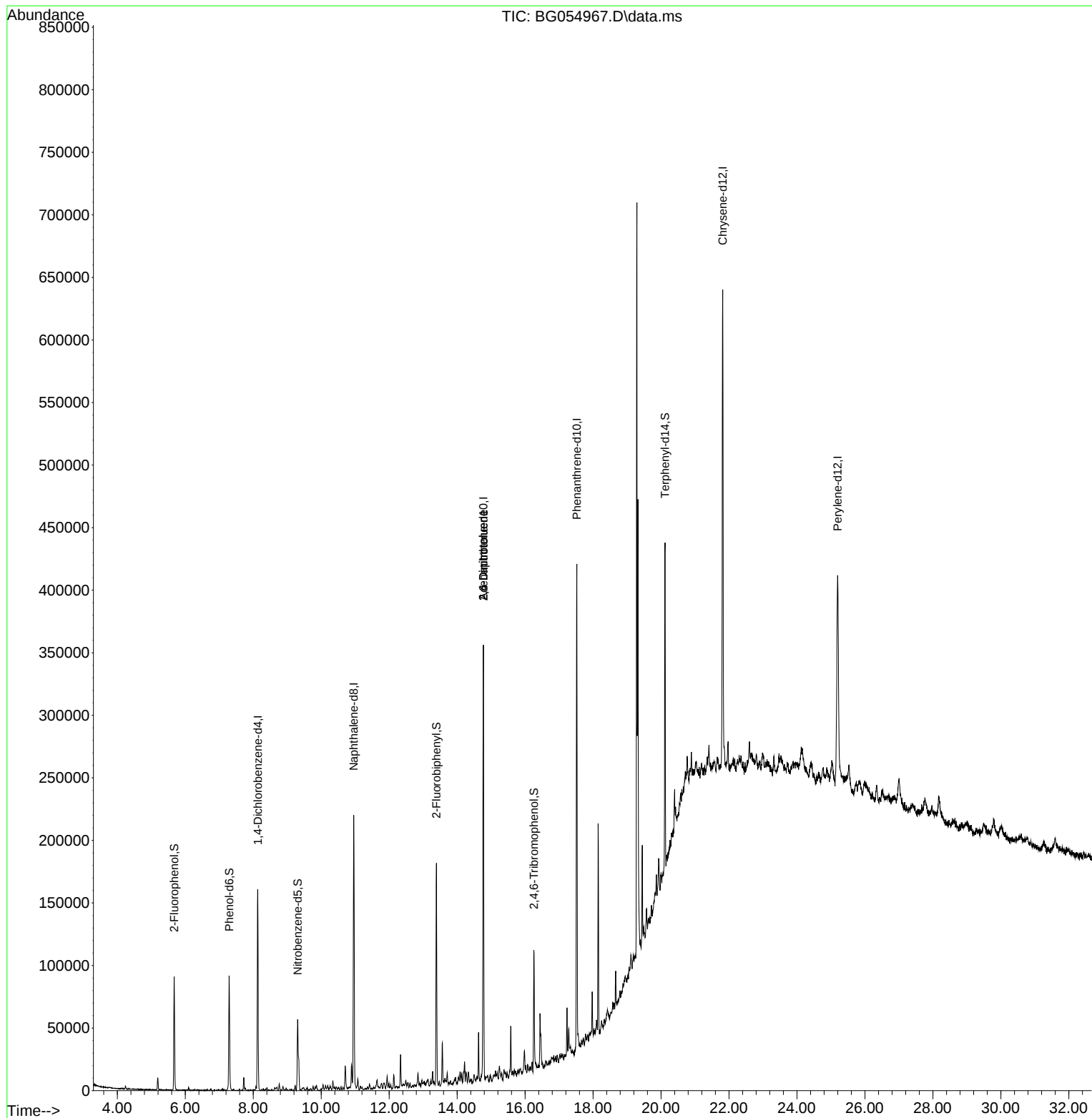
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	51490	20.000	ng	0.00
21) Naphthalene-d8	10.958	136	202659	20.000	ng	# 0.00
39) Acenaphthene-d10	14.772	164	128129	20.000	ng	0.00
64) Phenanthrene-d10	17.521	188	260459	20.000	ng	0.00
76) Chrysene-d12	21.816	240	247194	20.000	ng	0.00
86) Perylene-d12	25.195	264	244134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	48413	16.373	ng	0.00
7) Phenol-d6	7.292	99	64724	16.006	ng	0.00
23) Nitrobenzene-d5	9.307	82	37278	9.656	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	25002	15.616	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	100306	11.766	ng	0.00
79) Terphenyl-d14	20.118	244	143344	11.490	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.772	165	17908	8.870	ng	# 20
57) 2,4-Dinitrotoluene	14.772	165	17908	6.412	ng	# 18

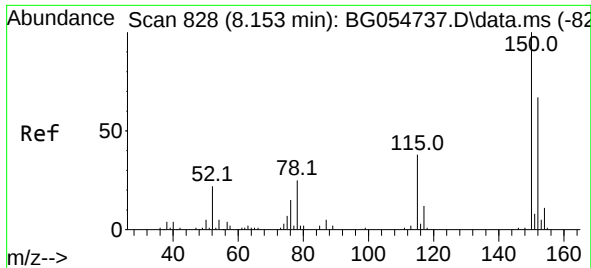
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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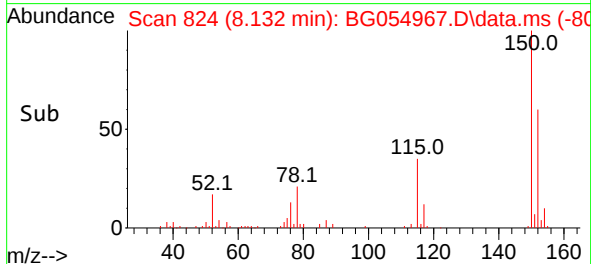
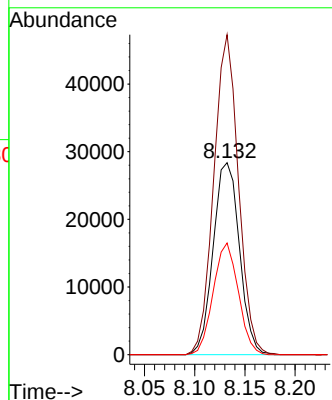
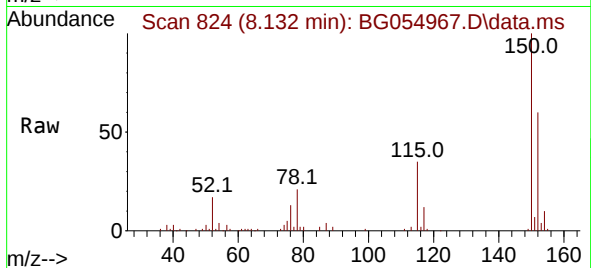




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.132 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

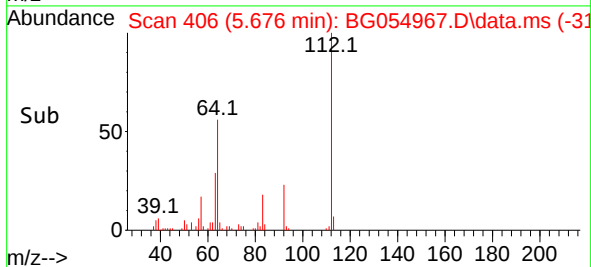
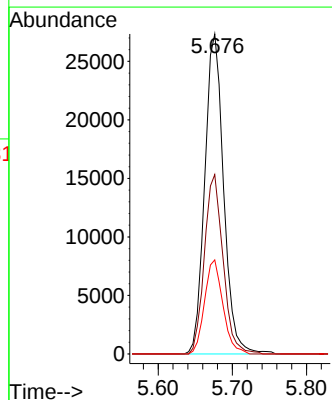
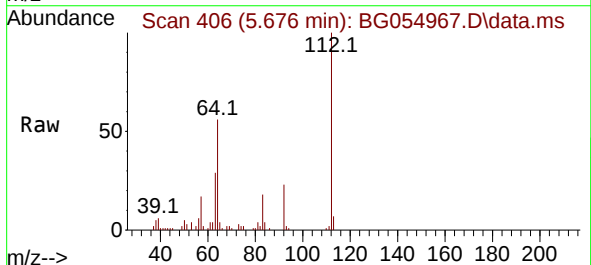
Instrument :
BNA_G
ClientSampleId :
EO-3-091422

Tgt Ion:152 Resp: 51490
Ion Ratio Lower Upper
152 100
150 166.7 125.2 187.8
115 58.2 47.9 71.9



#5
2-Fluorophenol
Concen: 16.373 ng
RT: 5.676 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

Tgt Ion:112 Resp: 48413
Ion Ratio Lower Upper
112 100
64 56.1 49.3 73.9
63 29.4 26.3 39.5

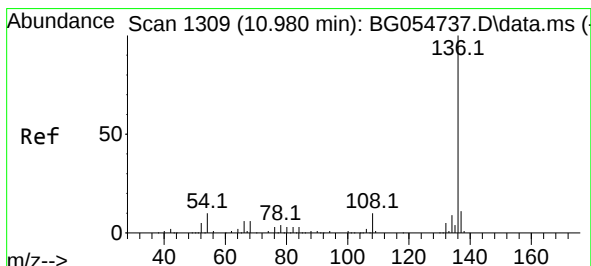
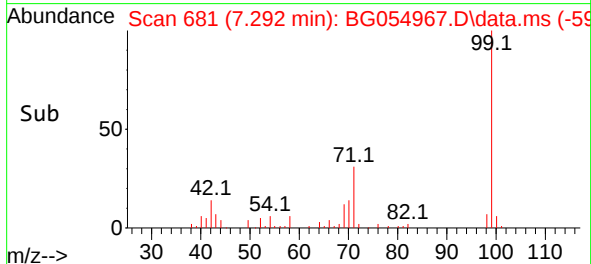
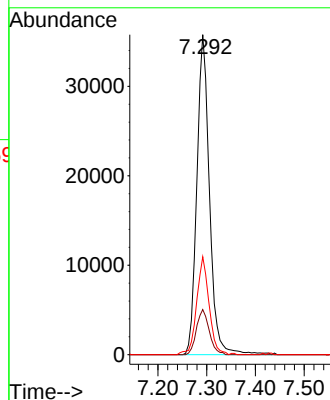
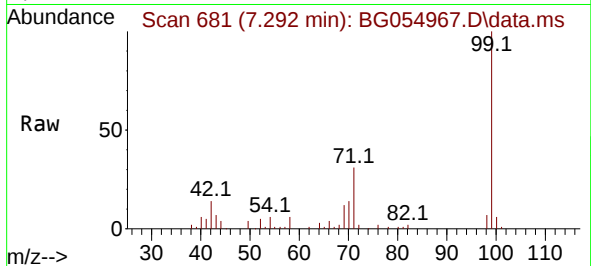




#7
Phenol-d6
Concen: 16.006 ng
RT: 7.292 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

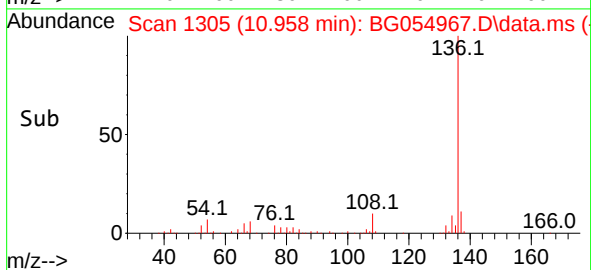
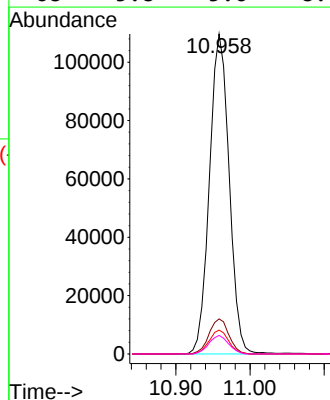
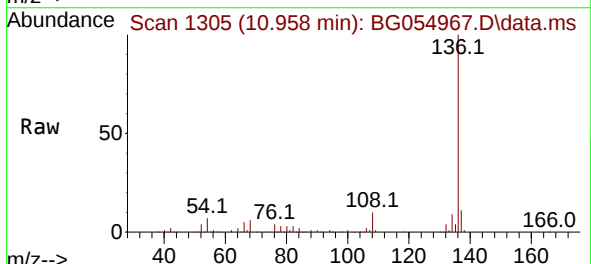
Instrument :
BNA_G
ClientSampleId :
EO-3-091422

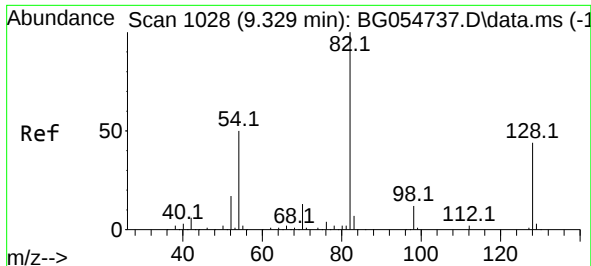
Tgt Ion: 99 Resp: 64724
Ion Ratio Lower Upper
99 100
42 14.1 14.6 22.0#
71 30.6 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.958 min Scan# 1305
Delta R.T. -0.003 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

Tgt Ion: 136 Resp: 202659
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.4 7.7 11.5#
68 5.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 9.656 ng

RT: 9.307 min Scan# 1024

Delta R.T. -0.003 min

Lab File: BG054967.D

Acq: 15 Sep 2022 22:26

Instrument :

BNA_G

ClientSampleId :

EO-3-091422

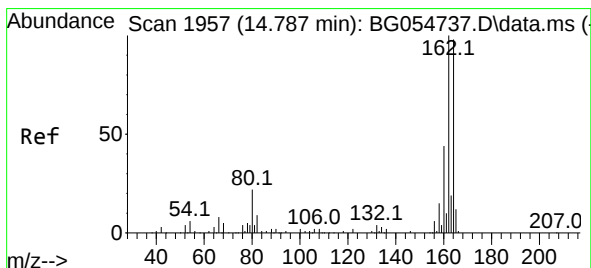
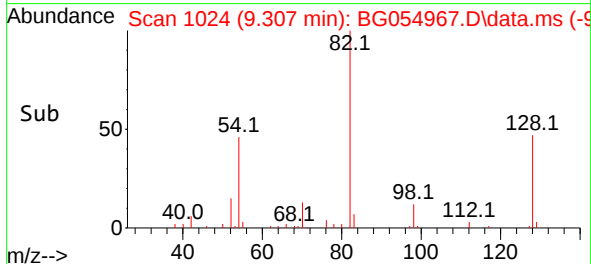
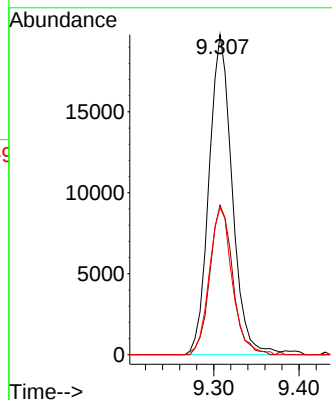
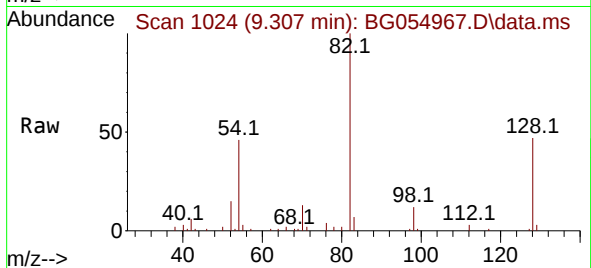
Tgt Ion: 82 Resp: 37278

Ion Ratio Lower Upper

82 100

128 46.7 32.2 48.2

54 46.0 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: BG054967.D

Acq: 15 Sep 2022 22:26

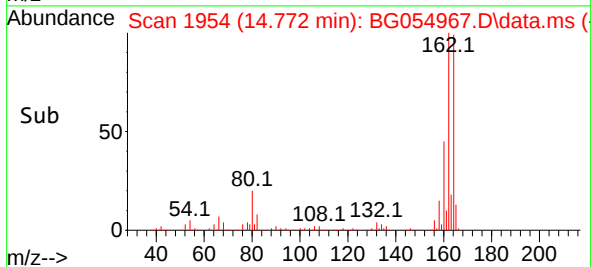
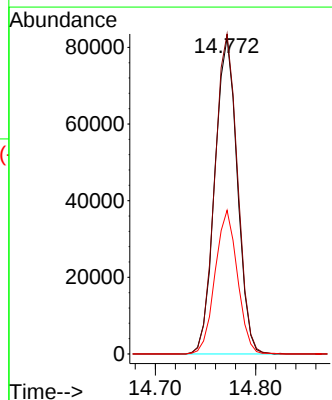
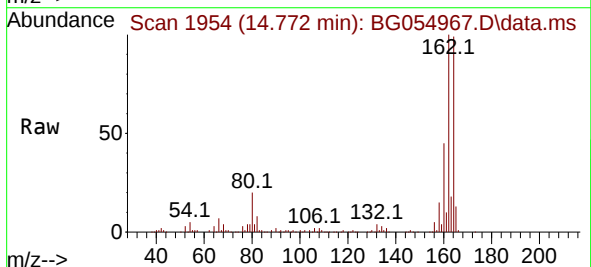
Tgt Ion:164 Resp: 128129

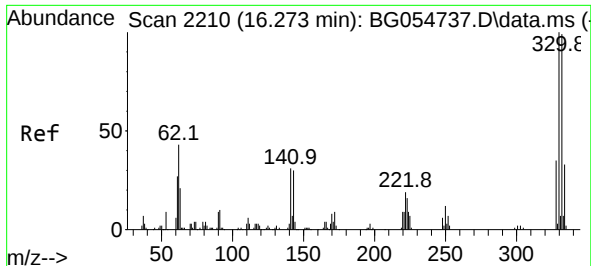
Ion Ratio Lower Upper

164 100

162 101.2 83.0 124.4

160 45.5 38.0 57.0

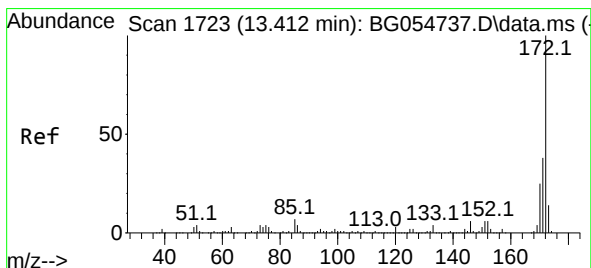
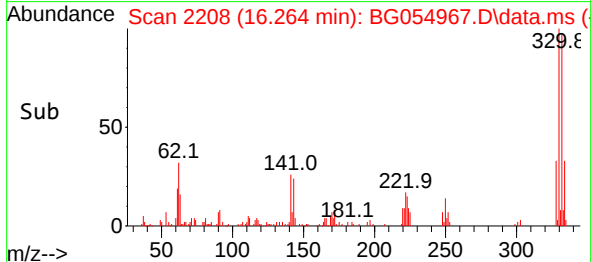
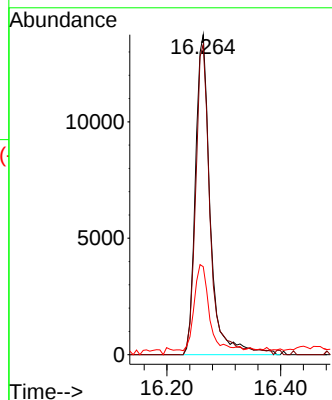
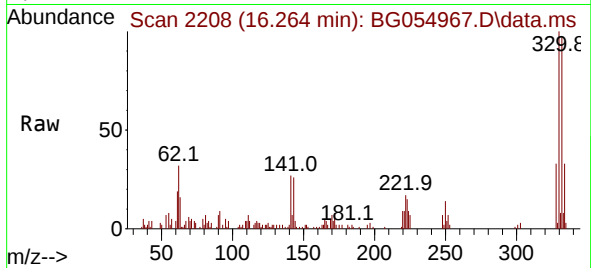




#42
2,4,6-Tribromophenol
Concen: 15.616 ng
RT: 16.264 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

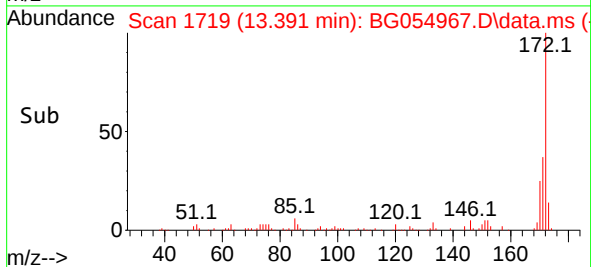
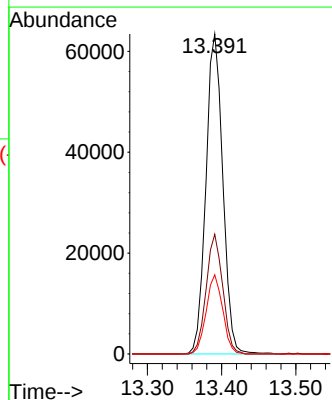
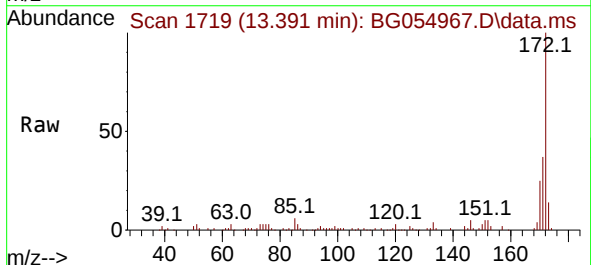
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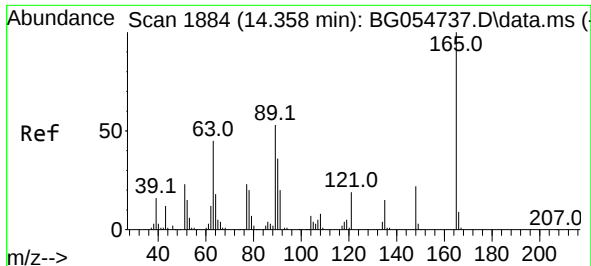
Tgt Ion:330 Resp: 25002
Ion Ratio Lower Upper
330 100
332 95.0 79.8 119.6
141 26.5 26.8 40.2#



#45
2-Fluorobiphenyl
Concen: 11.766 ng
RT: 13.391 min Scan# 1719
Delta R.T. -0.003 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

Tgt Ion:172 Resp: 100306
Ion Ratio Lower Upper
172 100
171 37.4 31.2 46.8
170 24.8 20.6 30.8

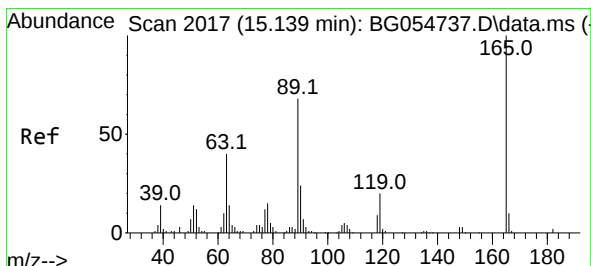
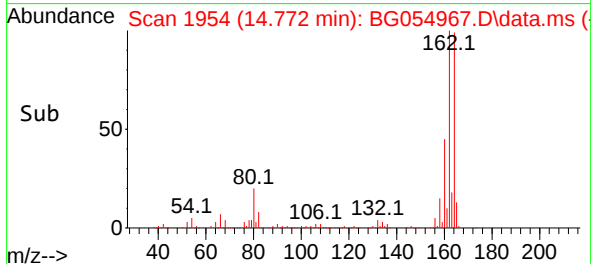
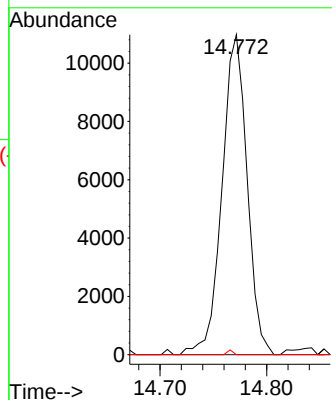
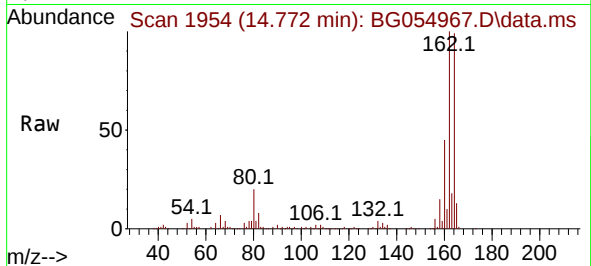




#51
2,6-Dinitrotoluene
Concen: 8.870 ng
RT: 14.772 min Scan# 1954
Delta R.T. 0.426 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

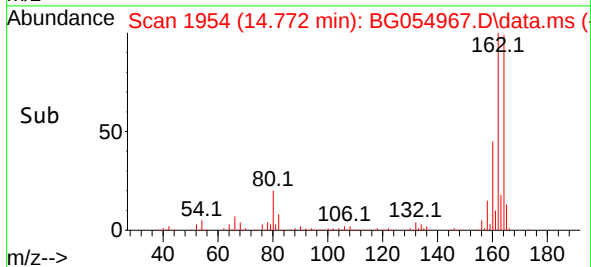
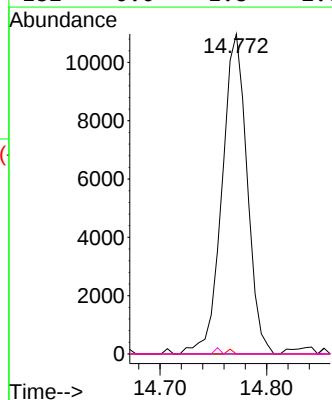
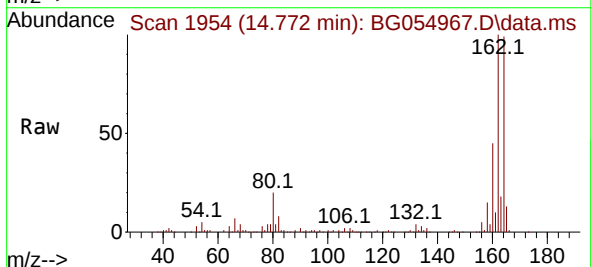
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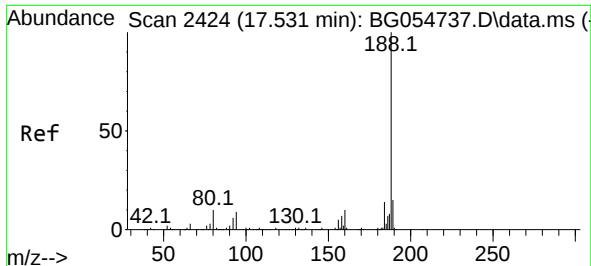
Tgt Ion:165 Resp: 17908
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 6.412 ng
RT: 14.772 min Scan# 1954
Delta R.T. -0.367 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

Tgt Ion:165 Resp: 17908
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#

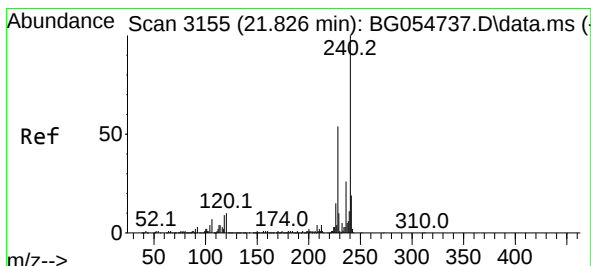
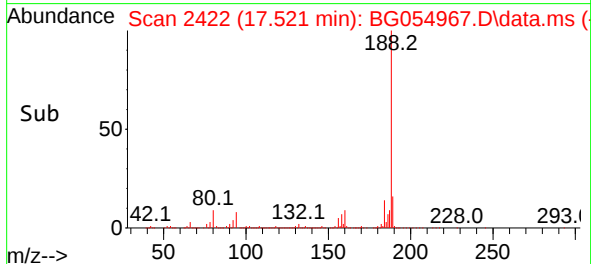
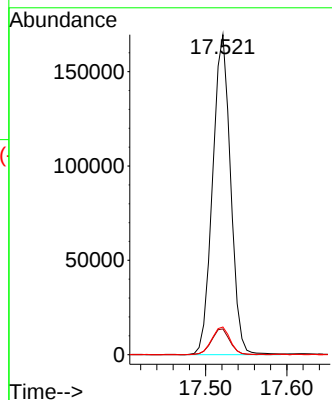
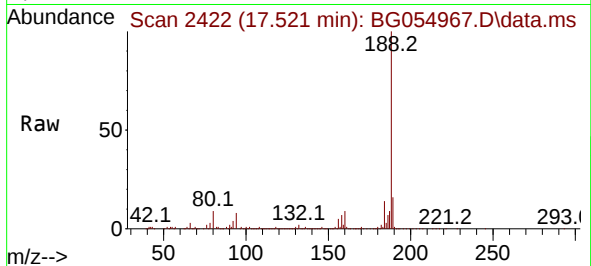




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.521 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

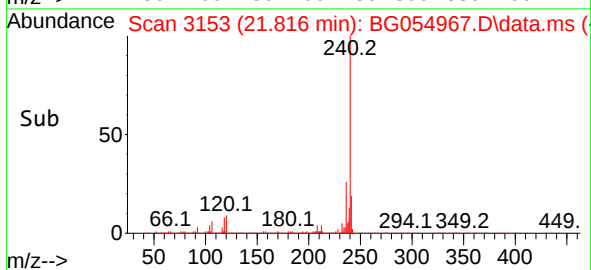
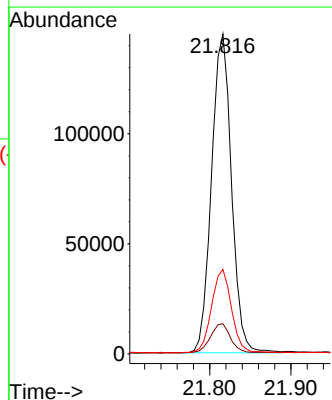
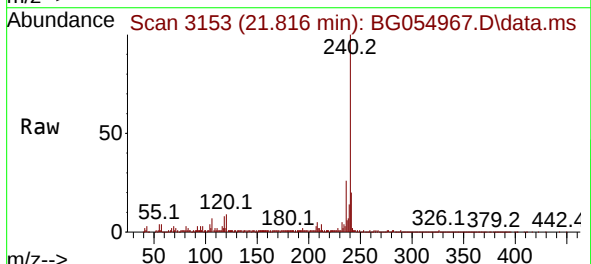
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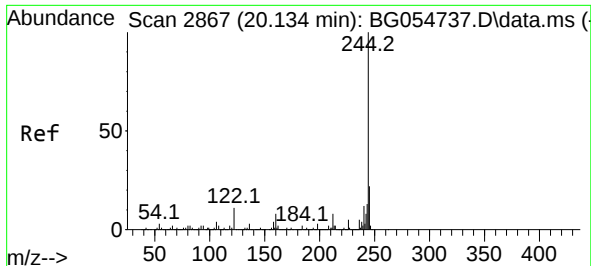
Tgt Ion:188 Resp: 260459
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 8.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.816 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BG054967.D
Acq: 15 Sep 2022 22:26

Tgt Ion:240 Resp: 247194
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 26.4 21.2 31.8

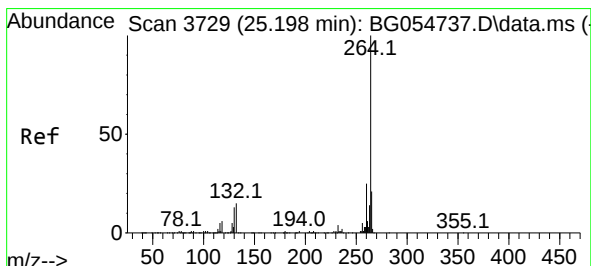
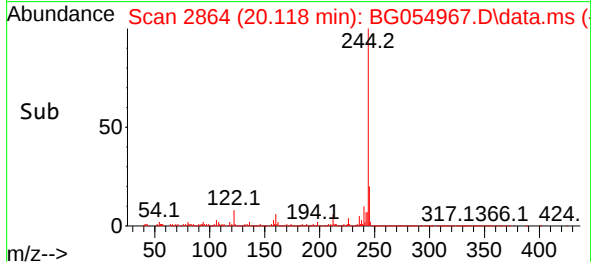
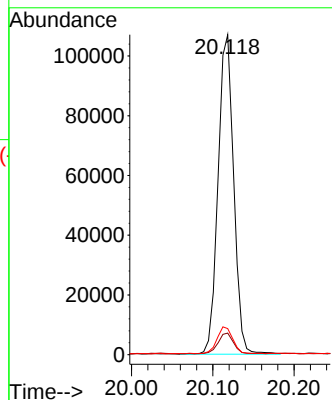
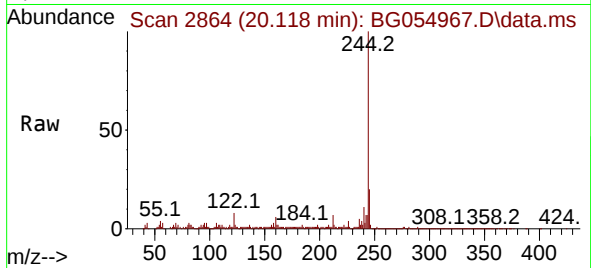




#79
 Terphenyl-d14
 Concen: 11.490 ng
 RT: 20.118 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054967.D
 Acq: 15 Sep 2022 22:26

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-091422

Tgt Ion:244 Resp: 143344
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 8.2 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.195 min Scan# 3728
 Delta R.T. 0.009 min
 Lab File: BG054967.D
 Acq: 15 Sep 2022 22:26

Tgt Ion:264 Resp: 244134
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 22.7 16.9 25.3

