

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055446.D
 Acq On : 3 Nov 2022 20:50
 Operator : CG/JU
 Sample : N5306-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221174-COMP-09-MODIFIED-ELUTRIATE

Quant Time: Nov 04 05:31:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	29961	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	125150	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	90646	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	212058	20.000	ng	0.00
76) Chrysene-d12	21.854	240	213142	20.000	ng	0.00
86) Perylene-d12	25.227	264	232092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	119499	71.627	ng	0.00
7) Phenol-d6	7.383	99	122099	52.775	ng	0.00
23) Nitrobenzene-d5	9.410	82	200115	85.219	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	173314	140.173	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	514163	84.099	ng	0.00
79) Terphenyl-d14	20.156	244	789451	72.023	ng	0.00

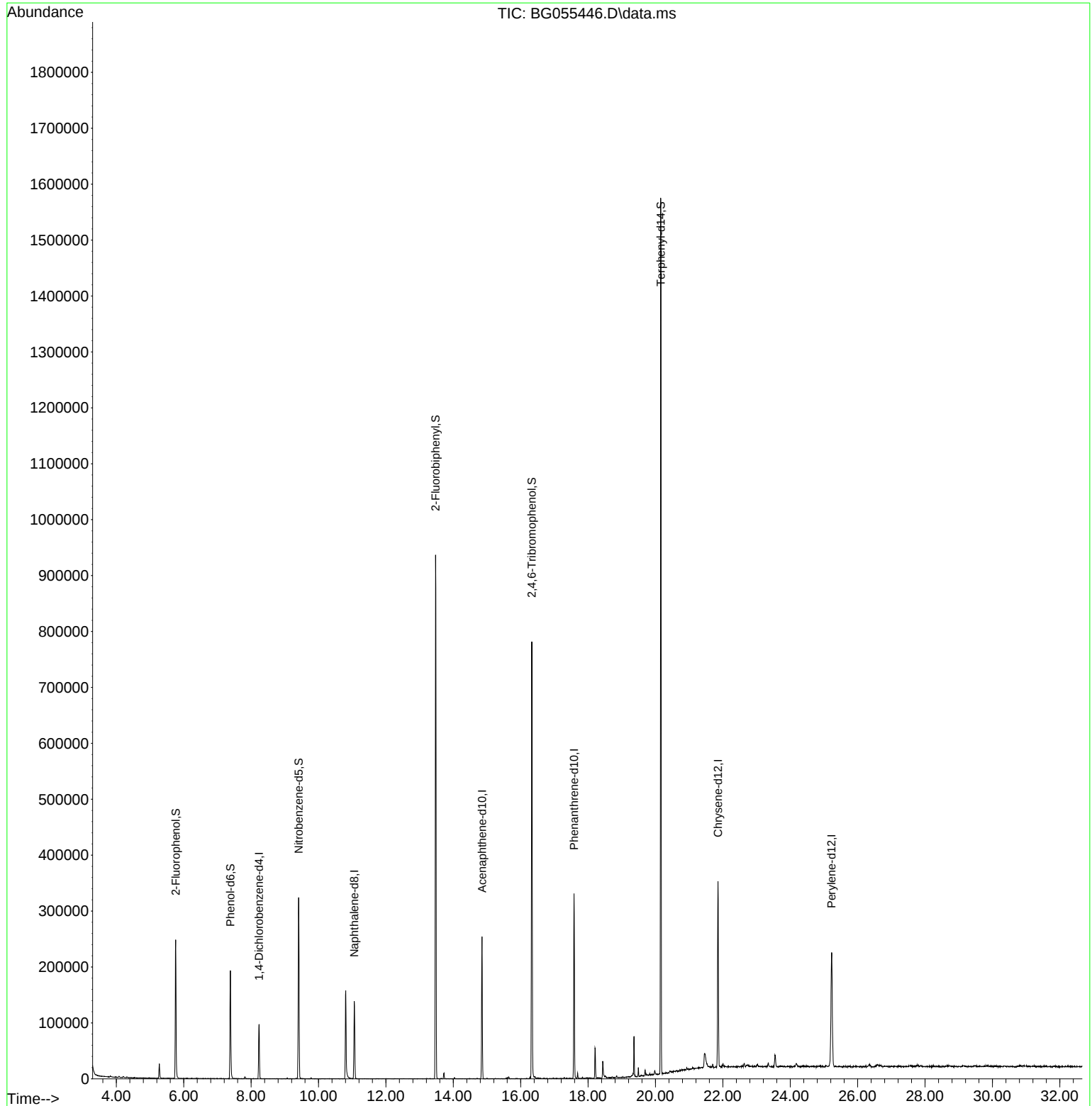
Target Compounds	Qvalue

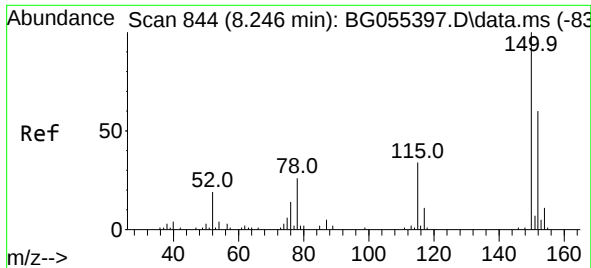
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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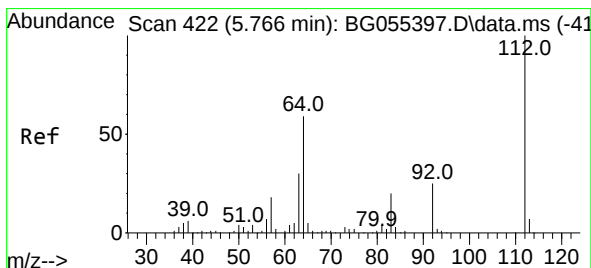
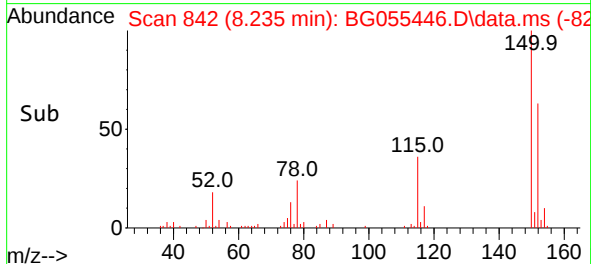
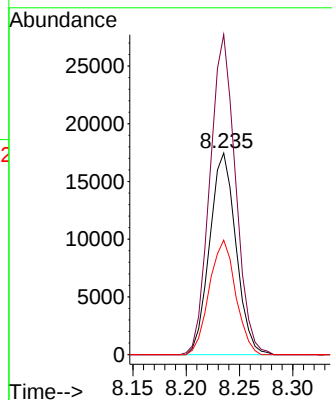
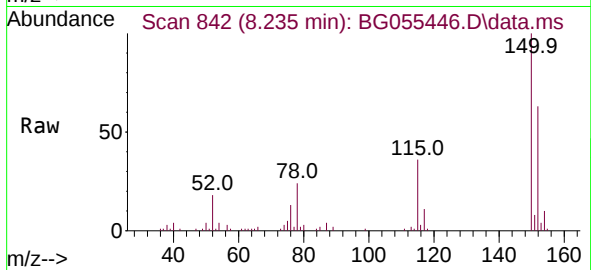




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

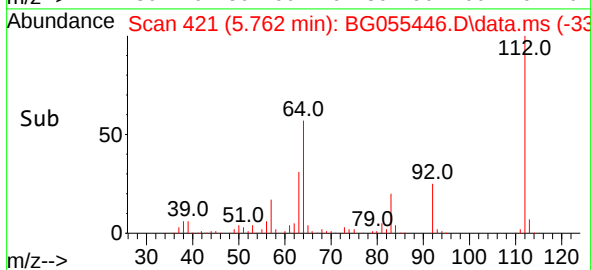
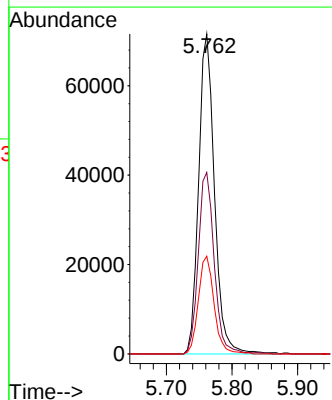
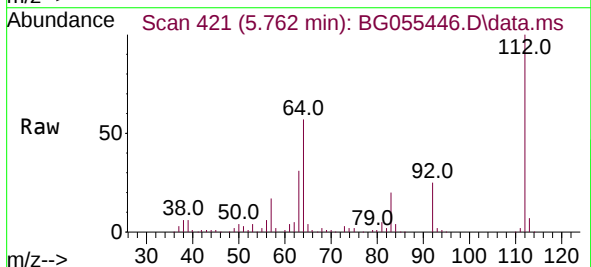
Instrument : BNA_G
ClientSampleId : 20221174-COMP-09-MODIFIED-ELUTRIATE

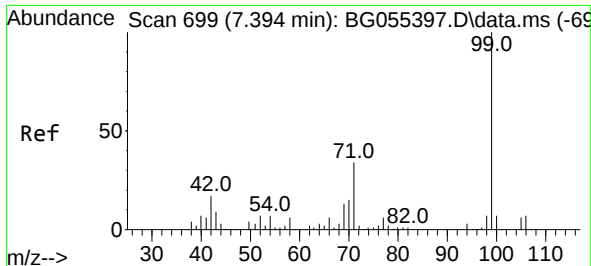
Tgt Ion:152 Resp: 29961
Ion Ratio Lower Upper
152 100
150 158.8 132.8 199.2
115 56.8 45.1 67.7



#5
2-Fluorophenol
Concen: 71.627 ng
RT: 5.762 min Scan# 421
Delta R.T. -0.000 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion:112 Resp: 119499
Ion Ratio Lower Upper
112 100
64 56.7 47.2 70.8
63 30.5 24.3 36.5

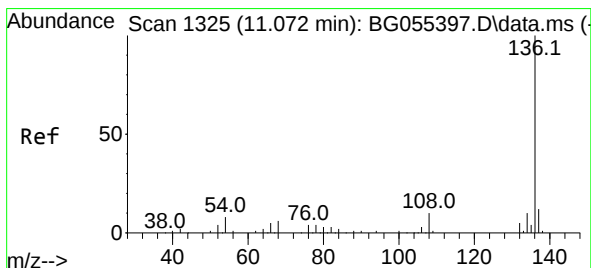
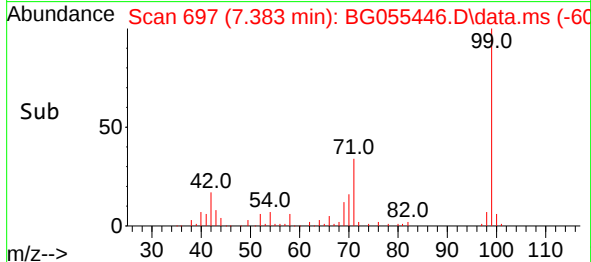
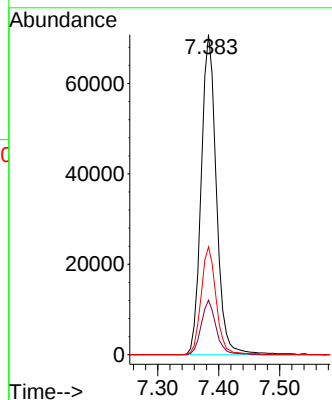
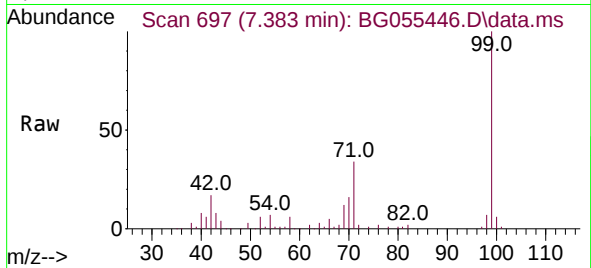




#7
Phenol-d6
Concen: 52.775 ng
RT: 7.383 min Scan# 699
Delta R.T. -0.000 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

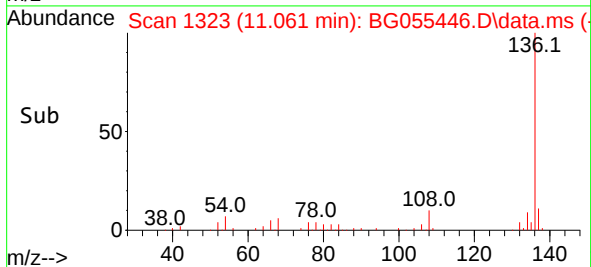
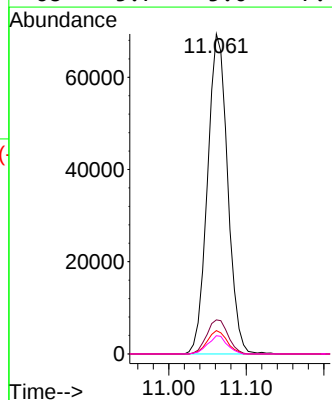
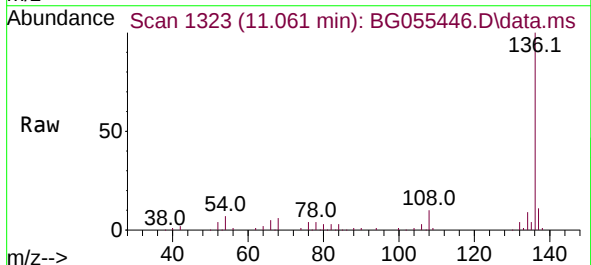
Instrument : BNA_G
ClientSampleId : 20221174-COMP-09-MODIFIED-ELUTRIATE

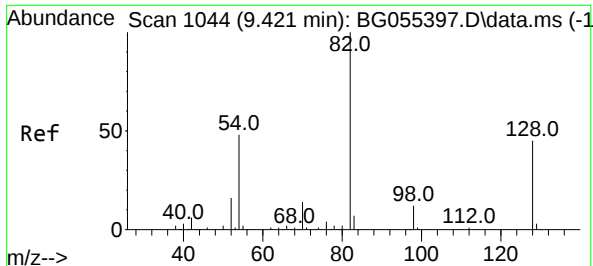
Tgt Ion: 99 Resp: 122099
Ion Ratio Lower Upper
99 100
42 17.0 13.5 20.3
71 33.7 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion: 136 Resp: 125150
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.2
54 7.3 6.1 9.1
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.219 ng

RT: 9.410 min Scan# 1044

Delta R.T. -0.000 min

Lab File: BG055446.D

Acq: 3 Nov 2022 20:50

Instrument :

BNA_G

ClientSampleId :

20221174-COMP-09-MODIFIED-ELUTRIATE

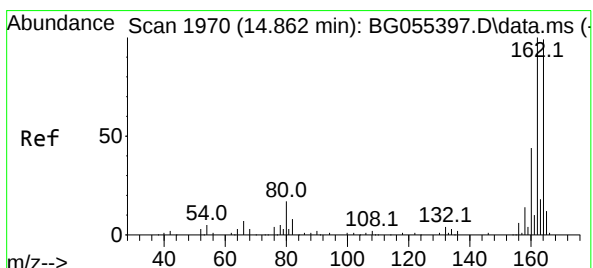
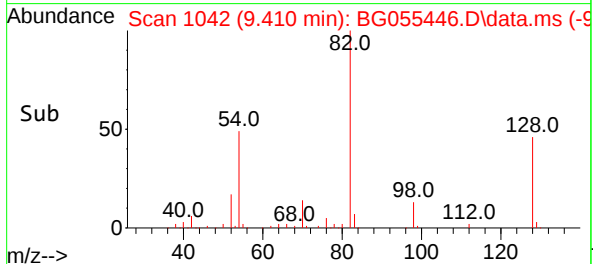
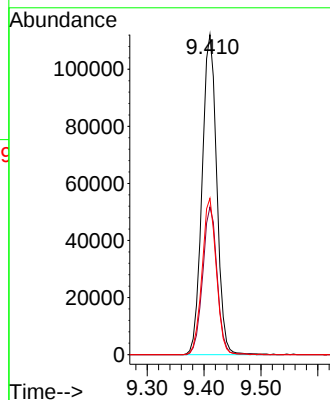
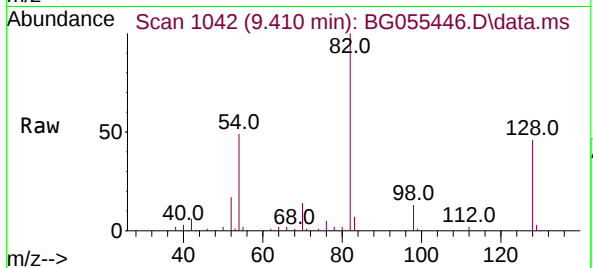
Tgt Ion: 82 Resp: 200115

Ion Ratio Lower Upper

82 100

128 46.1 35.8 53.8

54 48.8 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BG055446.D

Acq: 3 Nov 2022 20:50

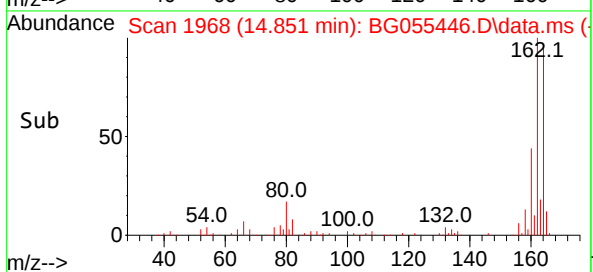
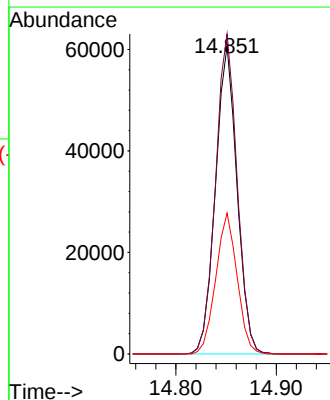
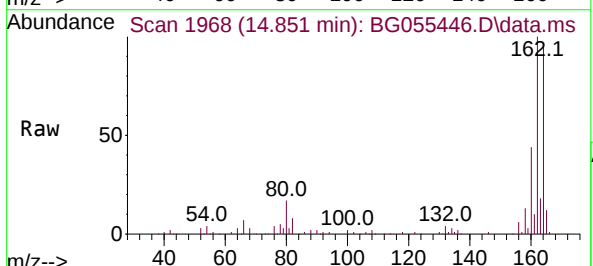
Tgt Ion: 164 Resp: 90646

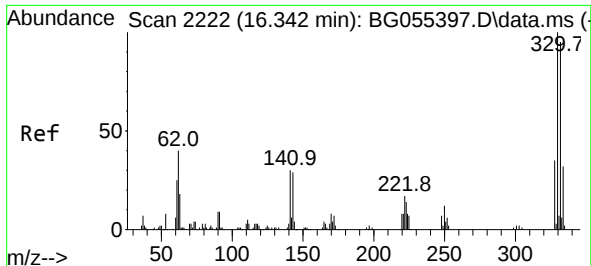
Ion Ratio Lower Upper

164 100

162 103.9 81.1 121.7

160 45.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 140.173 ng

RT: 16.332 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055446.D

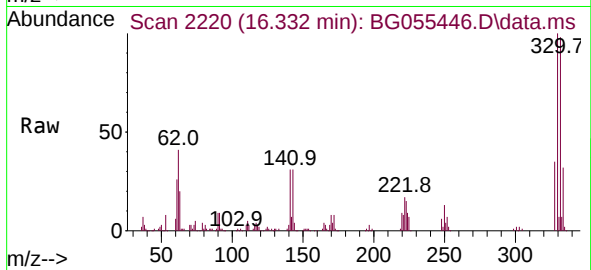
Acq: 3 Nov 2022 20:50

Instrument :

BNA_G

ClientSampleId :

20221174-COMP-09-MODIFIED-ELUTRIATE



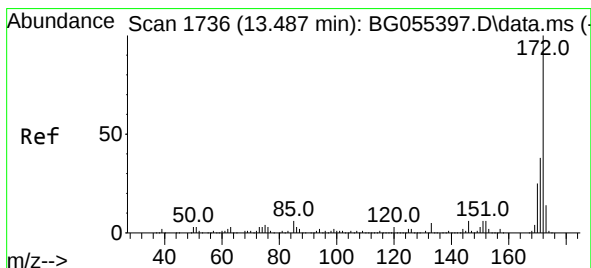
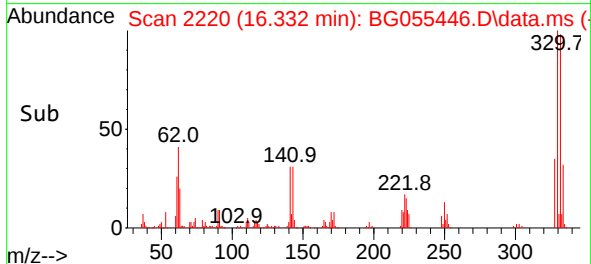
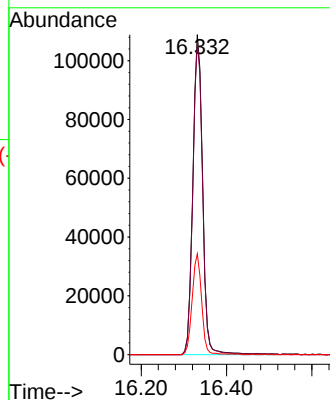
Tgt Ion:330 Resp: 173314

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

141 30.4 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 84.099 ng

RT: 13.476 min Scan# 1734

Delta R.T. -0.006 min

Lab File: BG055446.D

Acq: 3 Nov 2022 20:50

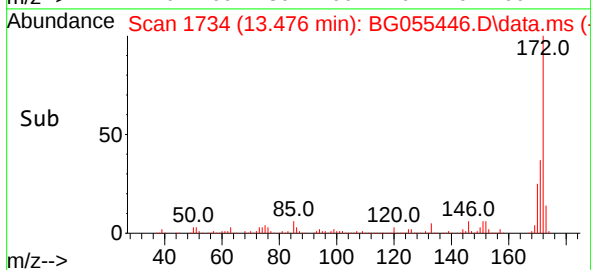
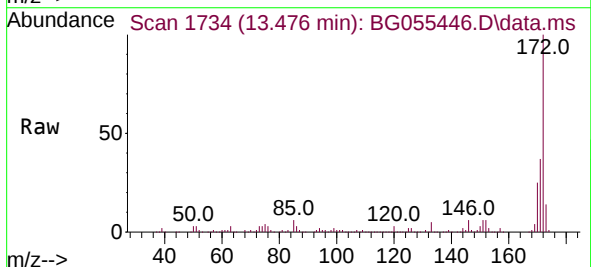
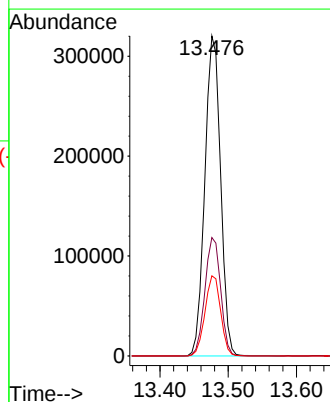
Tgt Ion:172 Resp: 514163

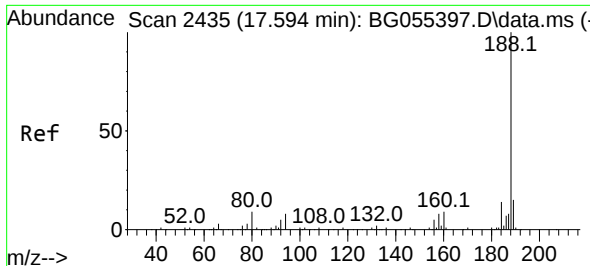
Ion Ratio Lower Upper

172 100

171 37.0 30.2 45.2

170 25.0 20.2 30.2

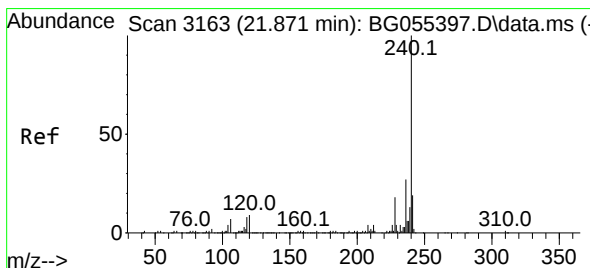
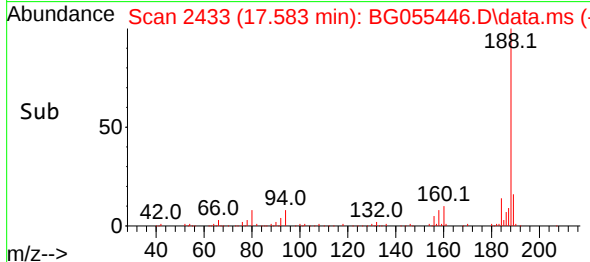
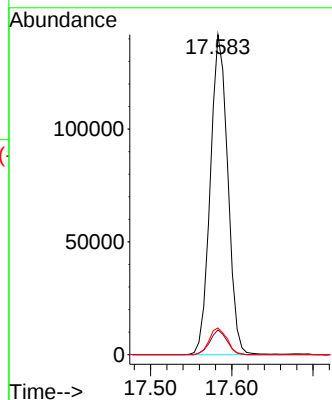
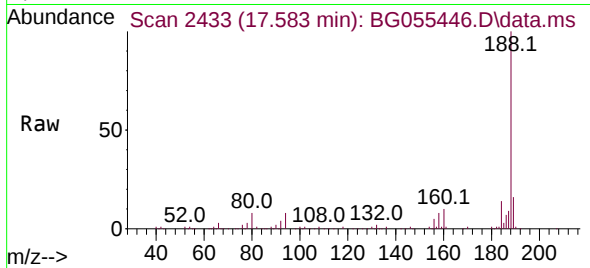




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

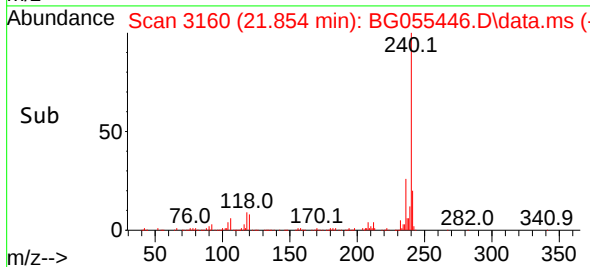
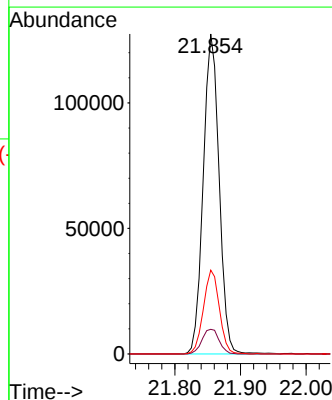
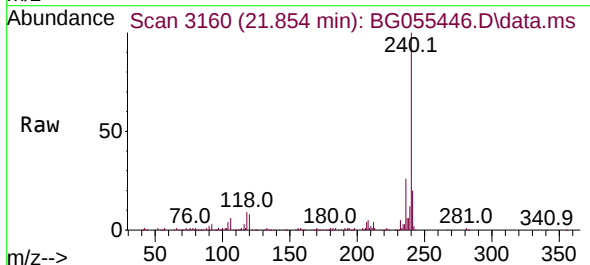
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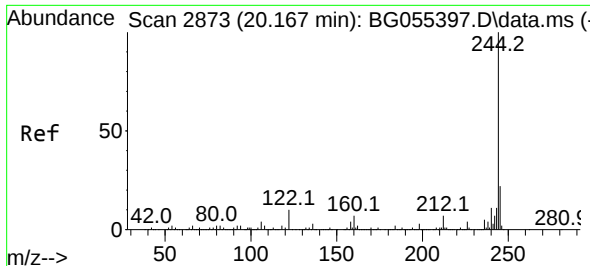
Tgt Ion:188 Resp: 212058
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 8.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

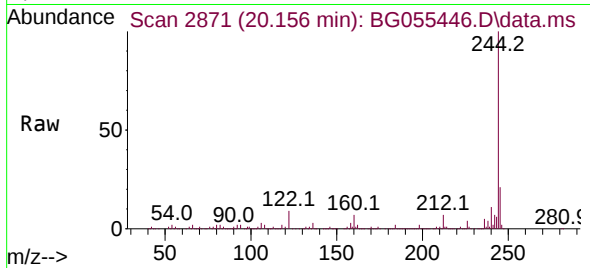
Tgt Ion:240 Resp: 213142
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 26.2 21.5 32.3



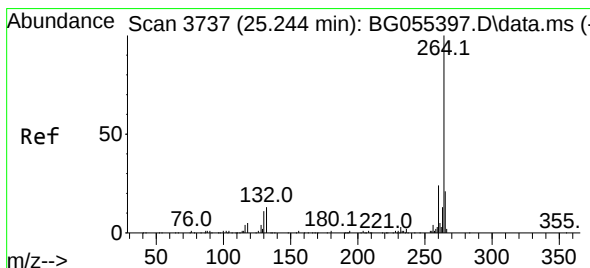
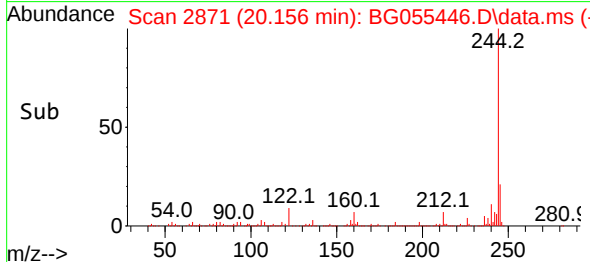
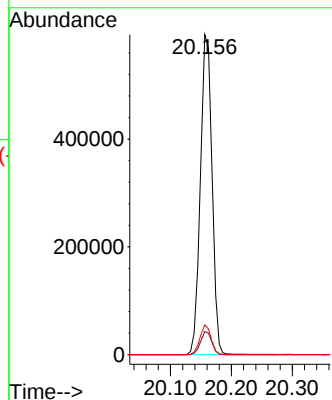


#79
 Terphenyl-d14
 Concen: 72.023 ng
 RT: 20.156 min Scan# 2871
 Delta R.T. -0.006 min
 Lab File: BG055446.D
 Acq: 3 Nov 2022 20:50

Instrument : BNA_G
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Tgt Ion:244 Resp: 789451
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.3 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.227 min Scan# 3734
 Delta R.T. -0.006 min
 Lab File: BG055446.D
 Acq: 3 Nov 2022 20:50

Tgt Ion:264 Resp: 232092
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.9 28.3
 265 22.5 17.1 25.7

