

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055444.D
 Acq On : 3 Nov 2022 19:26
 Operator : CG/JU
 Sample : N5306-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221168-COMP-03-MODIFIED-ELUTRIATE

Quant Time: Nov 04 05:30:43 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	28487	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	115587	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	83906	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	200241	20.000	ng	0.00
76) Chrysene-d12	21.854	240	200421	20.000	ng	0.00
86) Perylene-d12	25.227	264	216638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	103161	65.034	ng	0.00
7) Phenol-d6	7.383	99	107787	48.999	ng	0.00
23) Nitrobenzene-d5	9.410	82	172550	79.559	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	146739	128.213	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	444979	78.630	ng	0.00
79) Terphenyl-d14	20.162	244	800304	77.648	ng	0.00

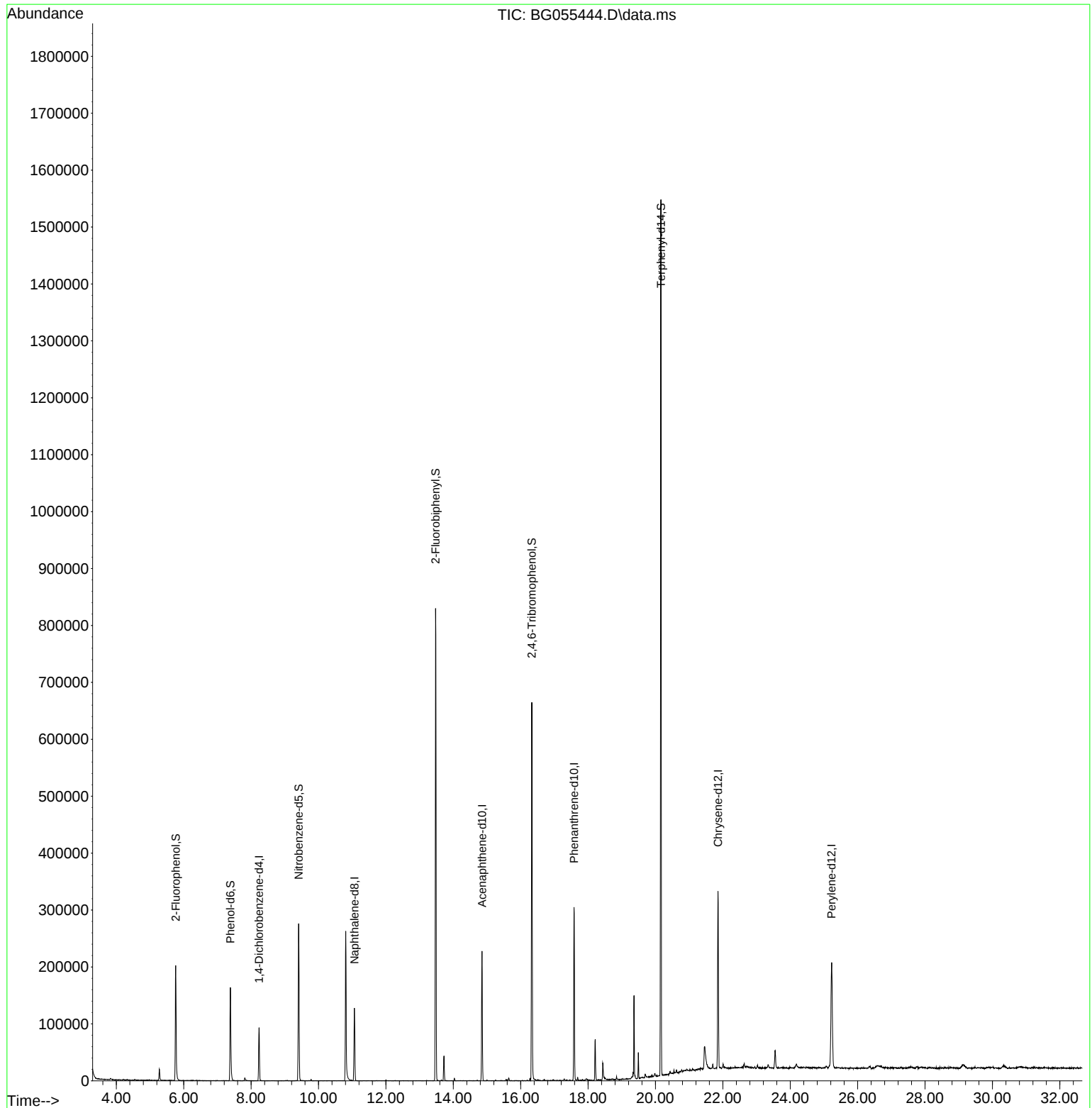
Target Compounds	Qvalue

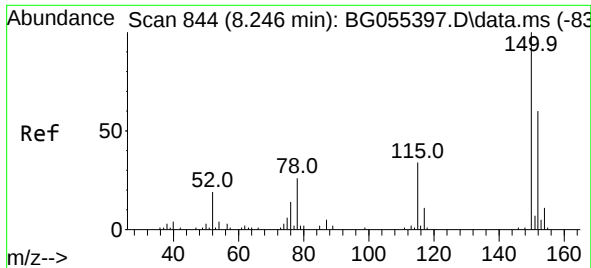
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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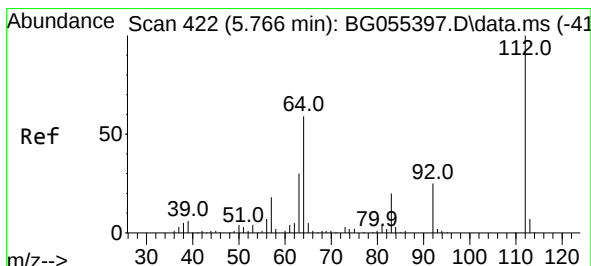
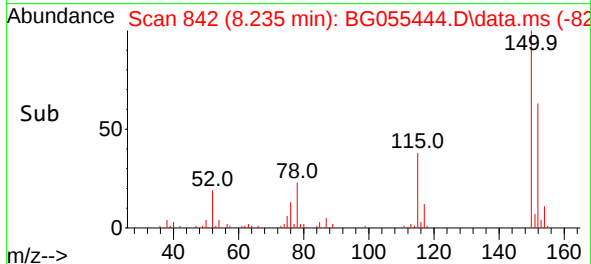
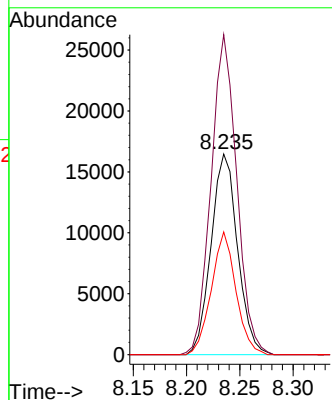
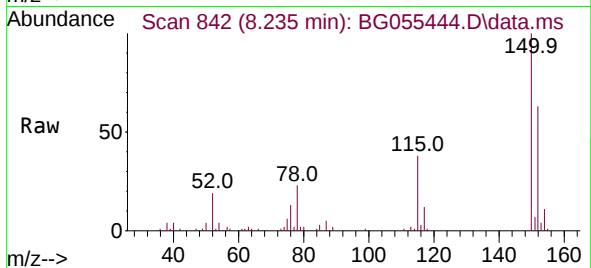




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

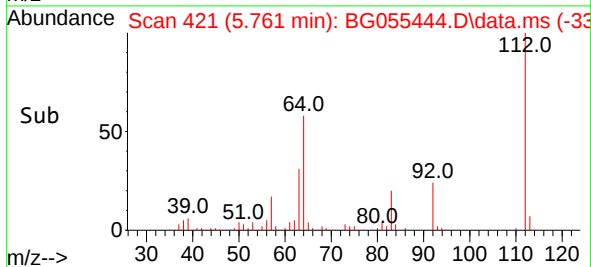
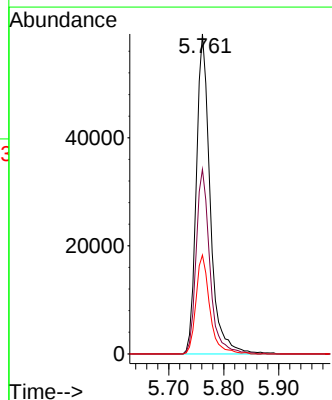
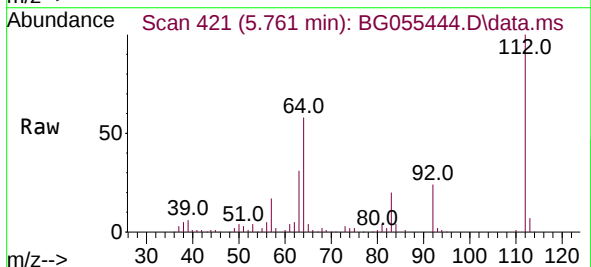
Instrument :
BNA_G
ClientSampleId :
20221168-COMP-03-MODIFIED-ELUTRIATE

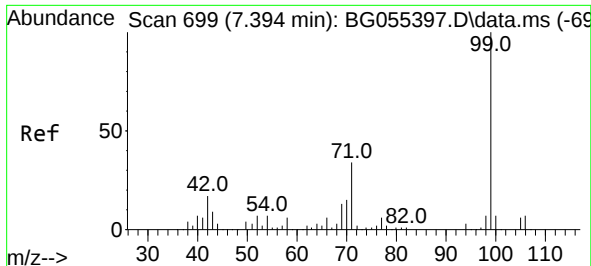
Tgt Ion:152 Resp: 28487
Ion Ratio Lower Upper
152 100
150 159.5 132.8 199.2
115 61.1 45.1 67.7



#5
2-Fluorophenol
Concen: 65.034 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

Tgt Ion:112 Resp: 103161
Ion Ratio Lower Upper
112 100
64 57.7 47.2 70.8
63 30.9 24.3 36.5

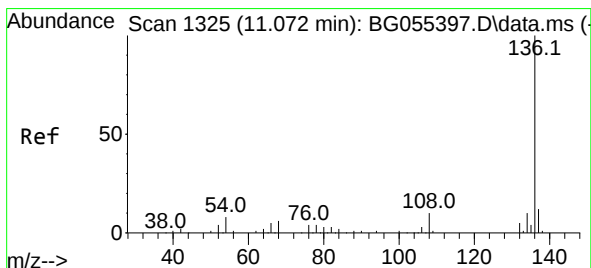
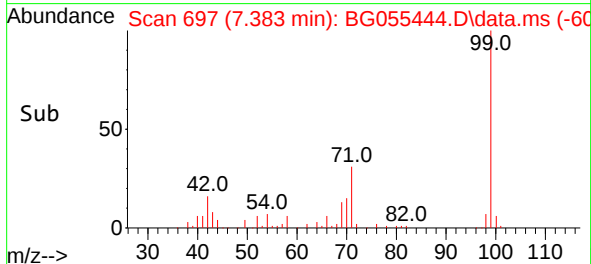
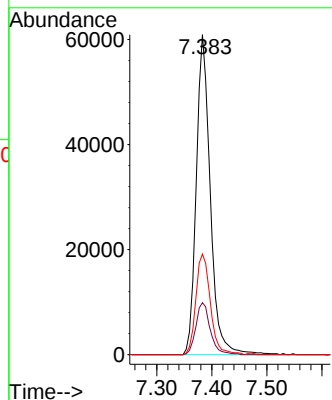
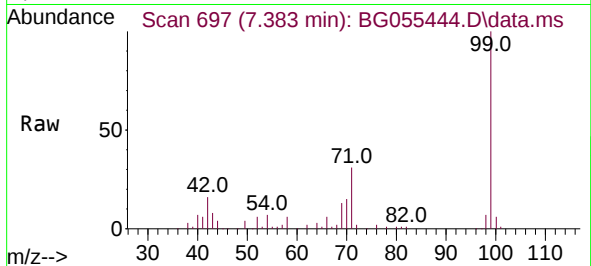




#7
Phenol-d6
Concen: 48.999 ng
RT: 7.383 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

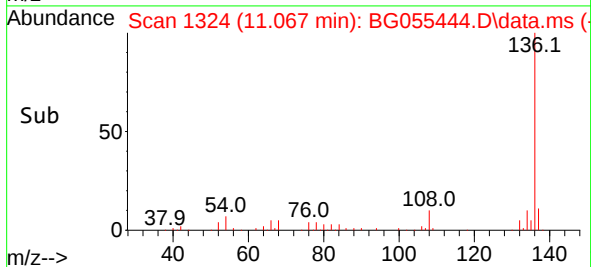
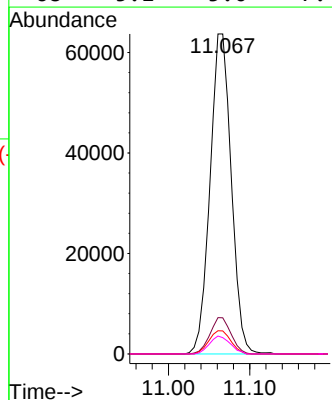
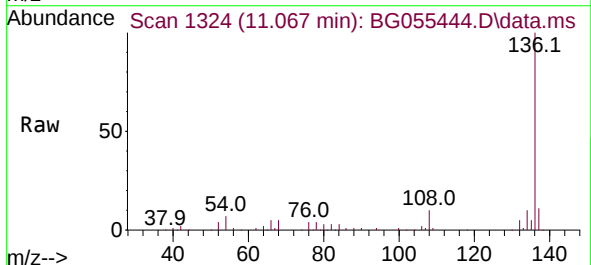
Instrument :
BNA_G
ClientSampleId :
20221168-COMP-03-MODIFIED-ELUTRIATE

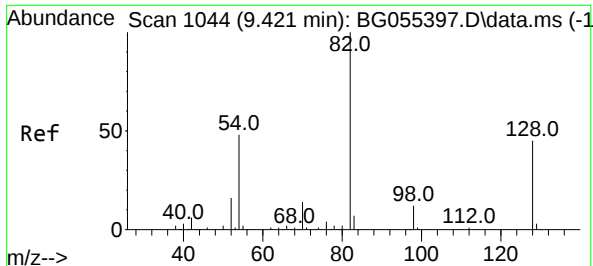
Tgt Ion: 99 Resp: 107787
Ion Ratio Lower Upper
99 100
42 16.2 13.5 20.3
71 31.4 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1324
Delta R.T. -0.001 min
Lab File: BG055444.D
Acq: 3 Nov 2022 19:26

Tgt Ion: 136 Resp: 115587
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 7.2 6.1 9.1
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 79.559 ng

RT: 9.410 min Scan# 1042

Delta R.T. -0.001 min

Lab File: BG055444.D

Acq: 3 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

20221168-COMP-03-MODIFIED-ELUTRIATE

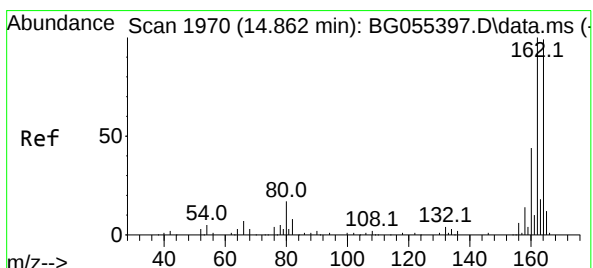
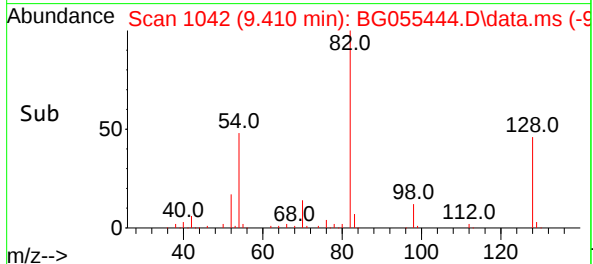
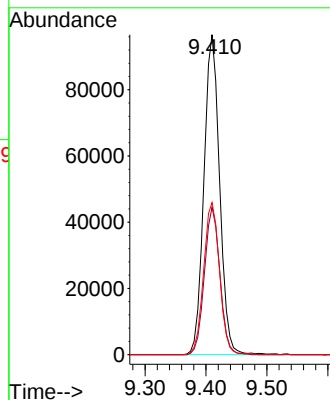
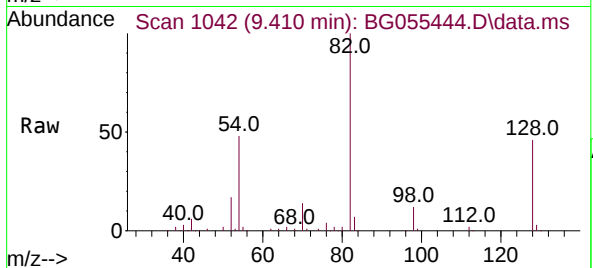
Tgt Ion: 82 Resp: 172550

Ion Ratio Lower Upper

82 100

128 46.0 35.8 53.8

54 47.5 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1968

Delta R.T. -0.007 min

Lab File: BG055444.D

Acq: 3 Nov 2022 19:26

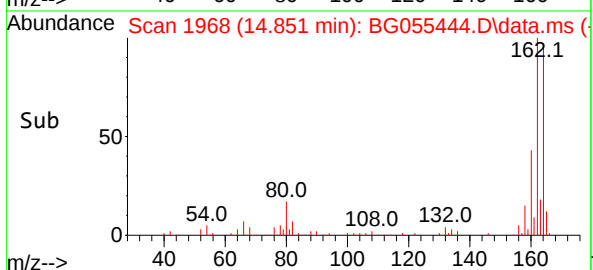
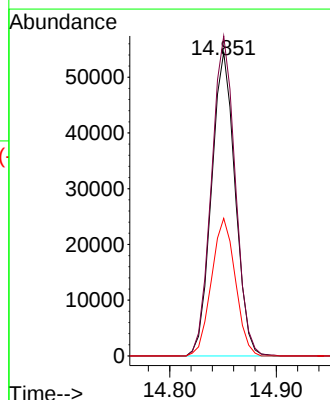
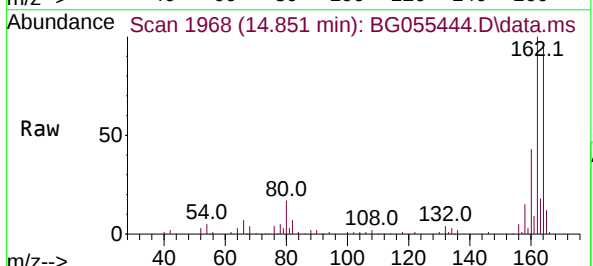
Tgt Ion:164 Resp: 83906

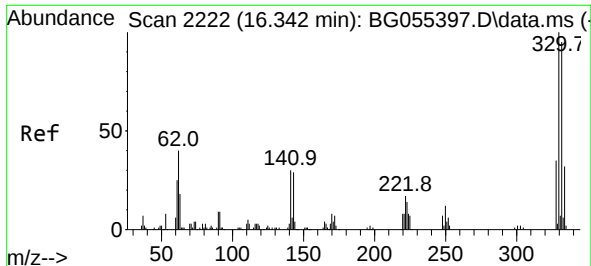
Ion Ratio Lower Upper

164 100

162 105.4 81.1 121.7

160 45.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 128.213 ng

RT: 16.331 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG055444.D

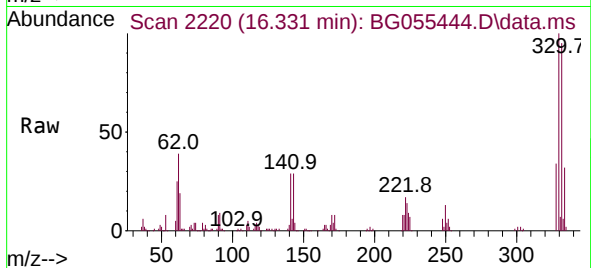
Acq: 3 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

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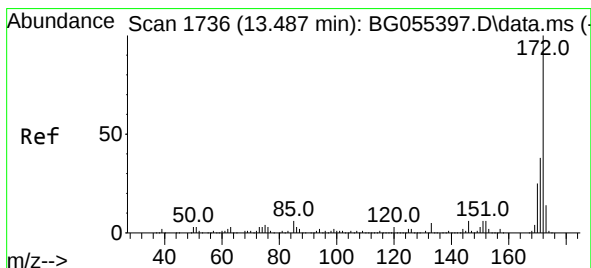
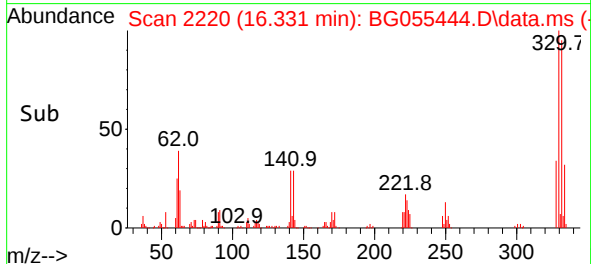
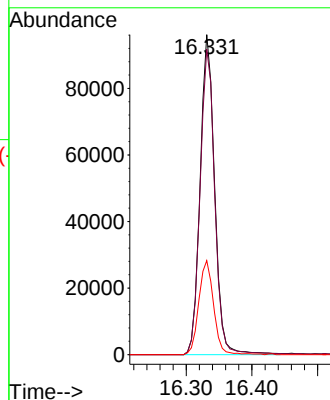
Tgt Ion:330 Resp: 146739

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

141 30.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 78.630 ng

RT: 13.476 min Scan# 1734

Delta R.T. -0.007 min

Lab File: BG055444.D

Acq: 3 Nov 2022 19:26

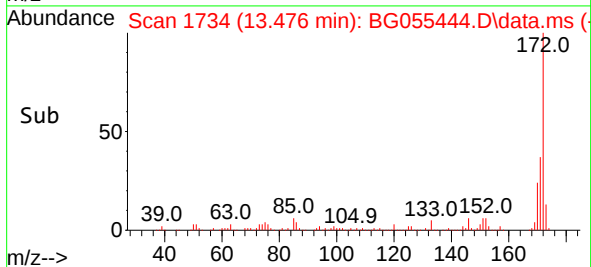
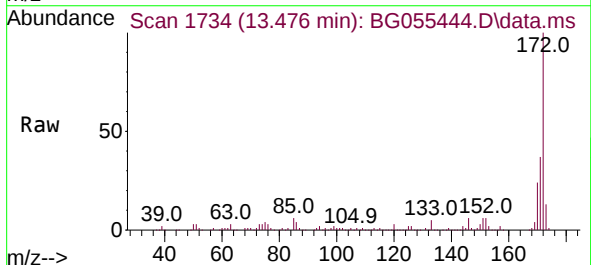
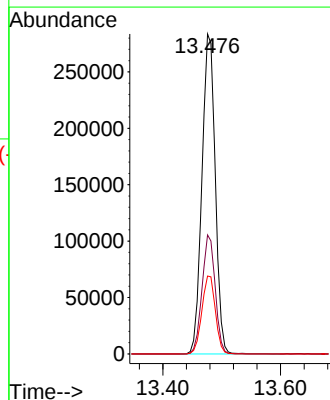
Tgt Ion:172 Resp: 444979

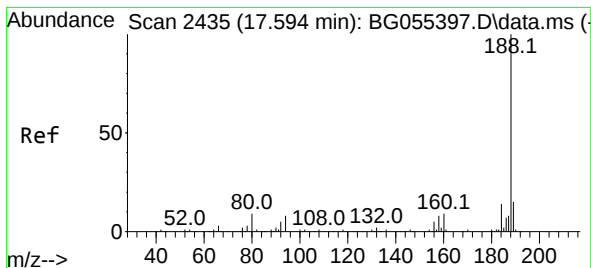
Ion Ratio Lower Upper

172 100

171 37.2 30.2 45.2

170 24.3 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.583 min Scan# 2433

Delta R.T. -0.007 min

Lab File: BG055444.D

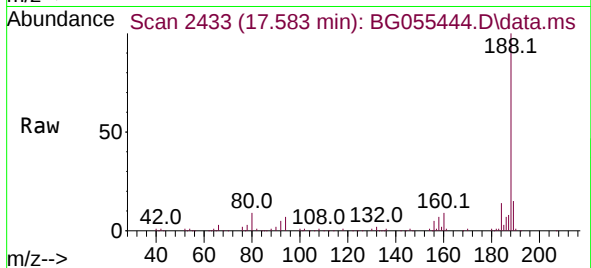
Acq: 3 Nov 2022 19:26

Instrument :

BNA_G

ClientSampleId :

20221168-COMP-03-MODIFIED-ELUTRIATE



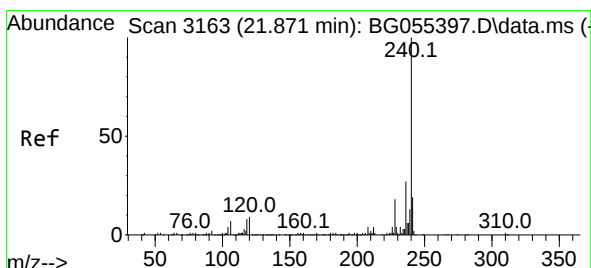
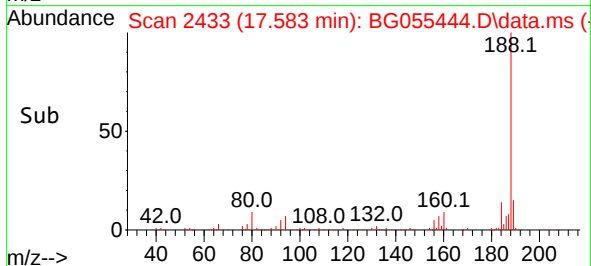
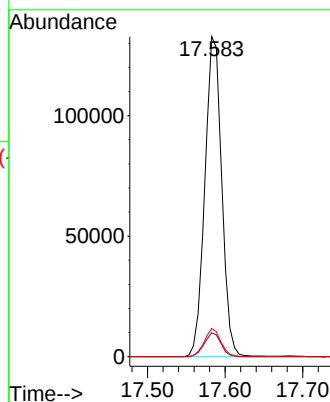
Tgt Ion:188 Resp: 200241

Ion Ratio Lower Upper

188 100

94 7.5 6.5 9.7

80 8.8 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.854 min Scan# 3160

Delta R.T. -0.007 min

Lab File: BG055444.D

Acq: 3 Nov 2022 19:26

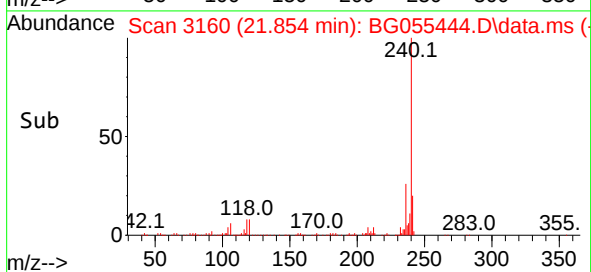
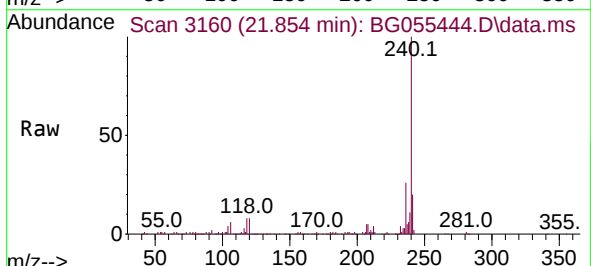
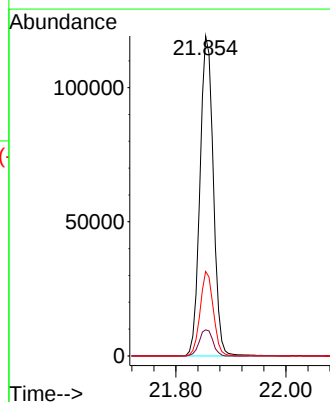
Tgt Ion:240 Resp: 200421

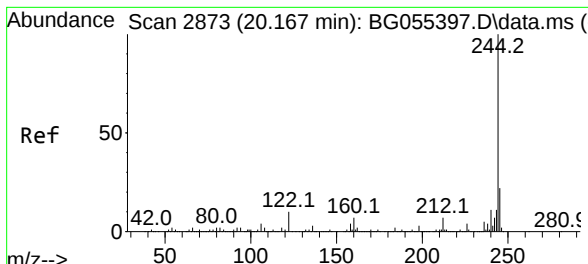
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

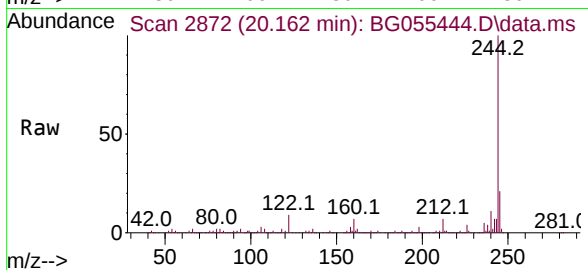
236 26.4 21.5 32.3



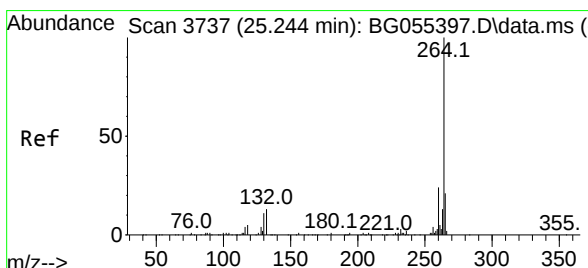
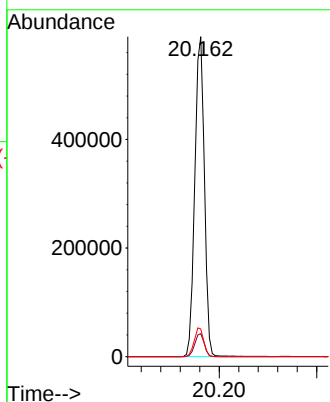
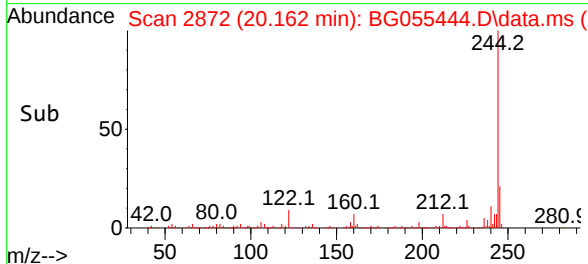


#79
 Terphenyl-d14
 Concen: 77.648 ng
 RT: 20.162 min Scan# 2873
 Delta R.T. -0.001 min
 Lab File: BG055444.D
 Acq: 3 Nov 2022 19:26

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Tgt Ion:244 Resp: 800304
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 8.6 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.227 min Scan# 3734
 Delta R.T. -0.007 min
 Lab File: BG055444.D
 Acq: 3 Nov 2022 19:26

Tgt Ion:264 Resp: 216638
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.9 28.3
 265 22.0 17.1 25.7

