

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055593.D
 Acq On : 12 Nov 2022 17:19
 Operator : CG/JU
 Sample : N5431-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221178-COMP-13-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:28:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	60953	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	255007	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	190903	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	478982	20.000	ng	0.00
76) Chrysene-d12	21.927	240	470517	20.000	ng	0.00
86) Perylene-d12	25.347	264	493707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	157009	49.064	ng	0.00
7) Phenol-d6	7.397	99	151384	34.247	ng	0.00
23) Nitrobenzene-d5	9.436	82	274957	73.095	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	246954	132.582	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	680515	53.770	ng	0.00
79) Terphenyl-d14	20.218	244	1269694	54.201	ng	0.00

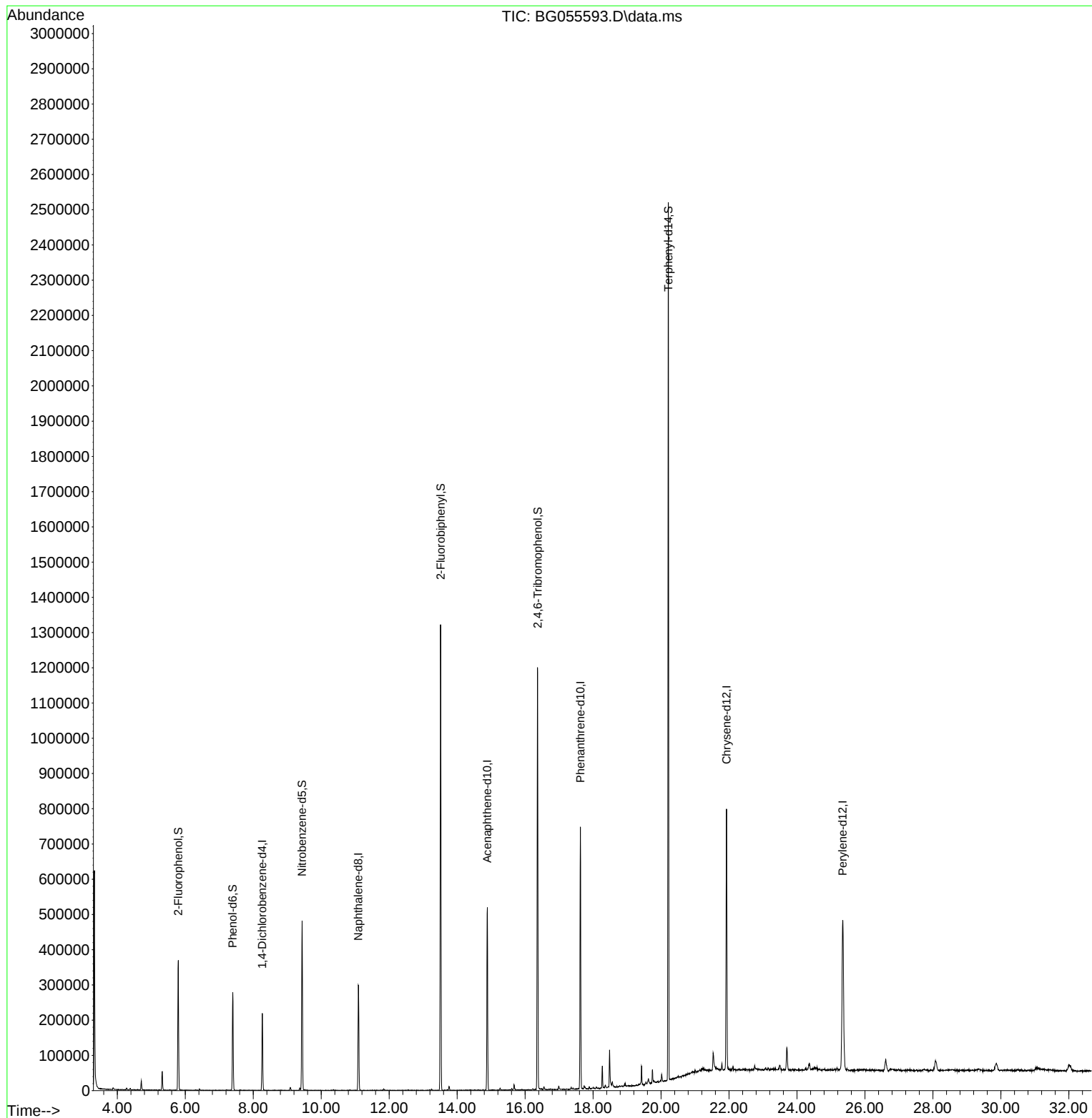
Target Compounds	Qvalue

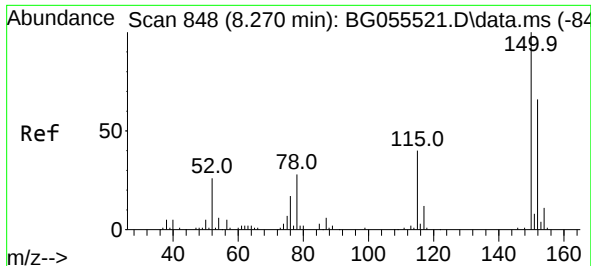
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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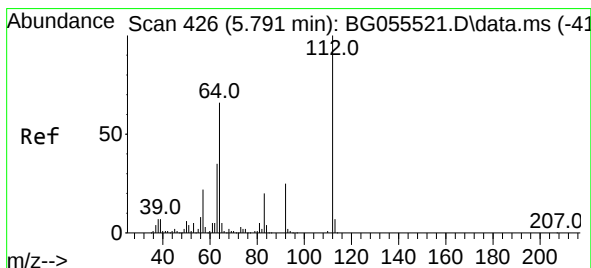
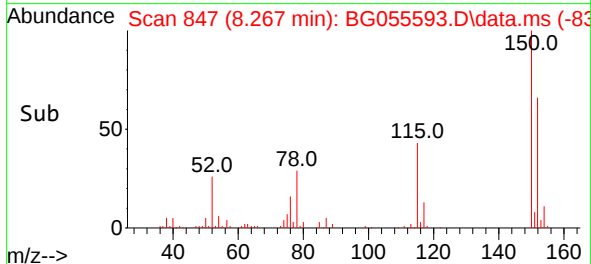
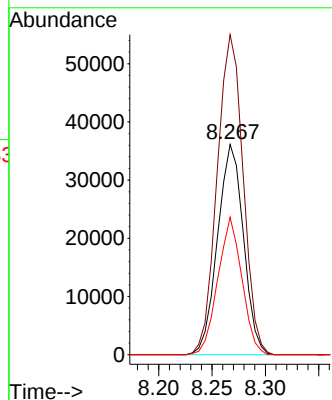
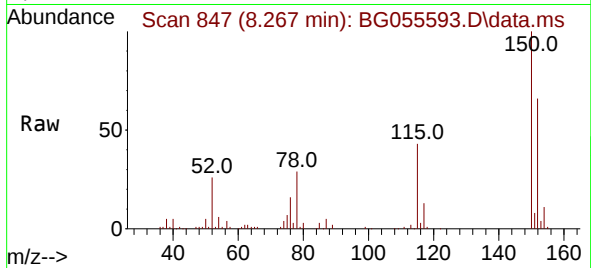




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 848
Delta R.T. -0.003 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

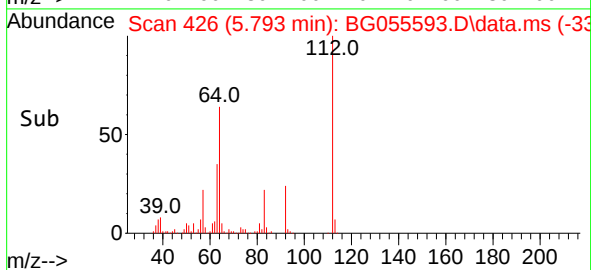
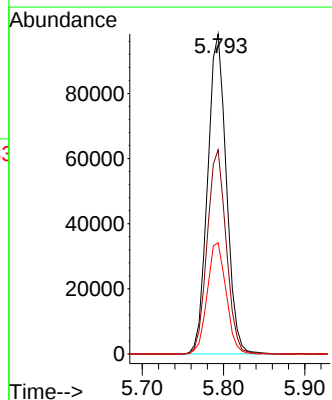
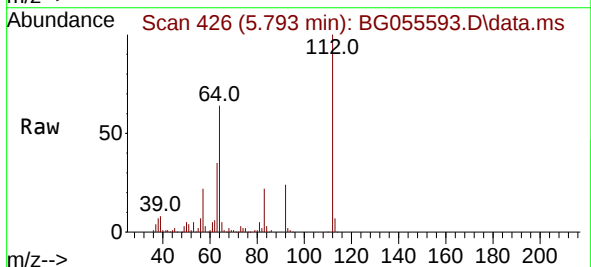
Instrument :
BNA_G
ClientSampleId :
20221178-COMP-13-MODIFIED-ELUTRIATE

Tgt Ion:152 Resp: 60953
Ion Ratio Lower Upper
152 100
150 152.2 121.0 181.4
115 65.4 47.8 71.8



#5
2-Fluorophenol
Concen: 49.064 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion:112 Resp: 157009
Ion Ratio Lower Upper
112 100
64 63.8 52.6 78.8
63 34.8 28.3 42.5

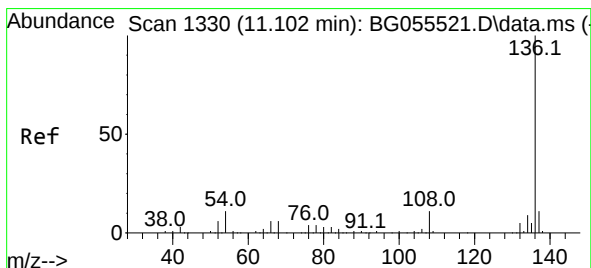
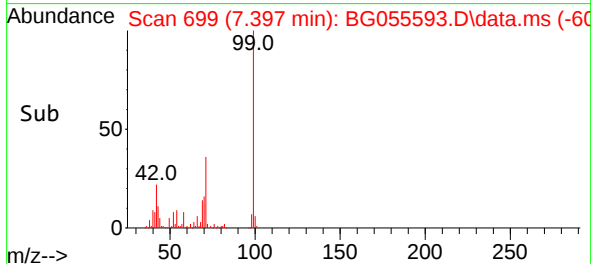
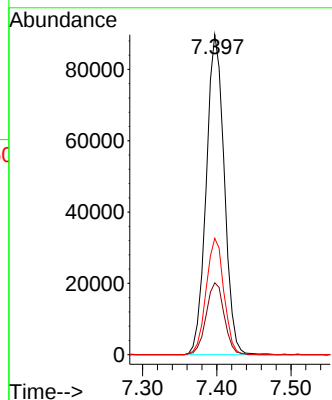
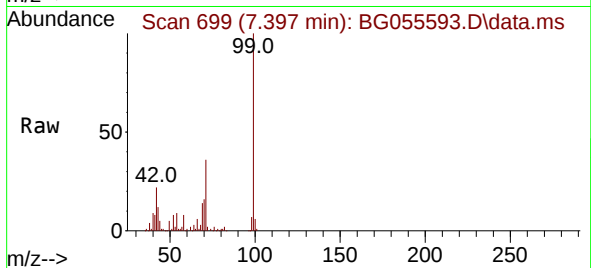




#7
Phenol-d6
Concen: 34.247 ng
RT: 7.397 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

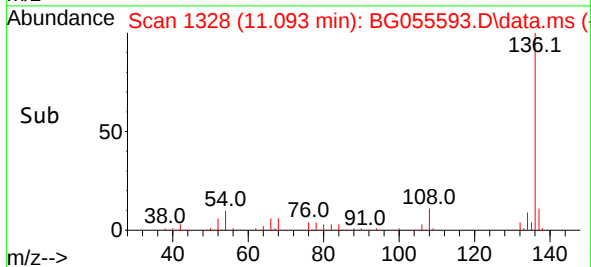
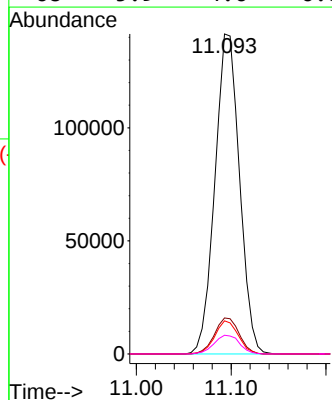
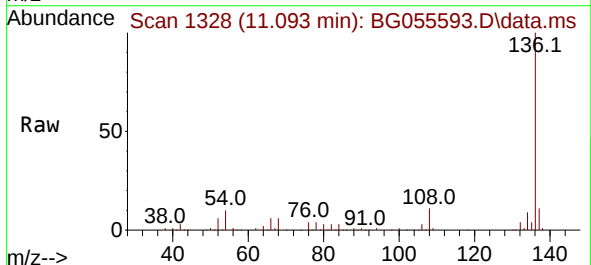
Instrument :
BNA_G
ClientSampleId :
20221178-COMP-13-MODIFIED-ELUTRIATE

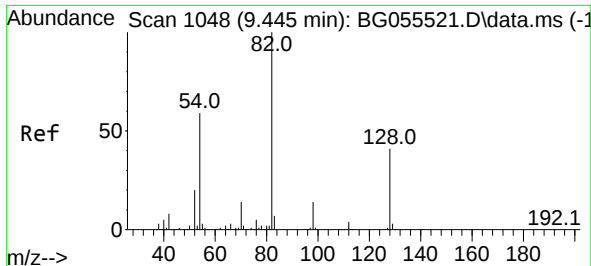
Tgt Ion: 99 Resp: 151384
Ion Ratio Lower Upper
99 100
42 22.4 17.5 26.3
71 36.3 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 1328
Delta R.T. -0.009 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion: 136 Resp: 255007
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.4 8.6 12.8
68 5.9 4.6 6.8

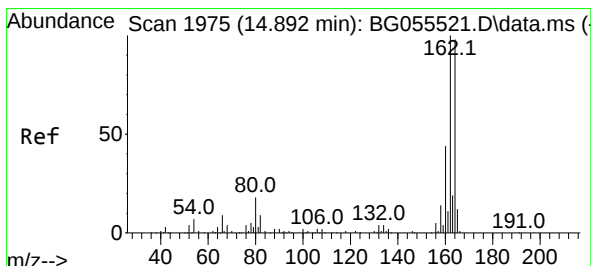
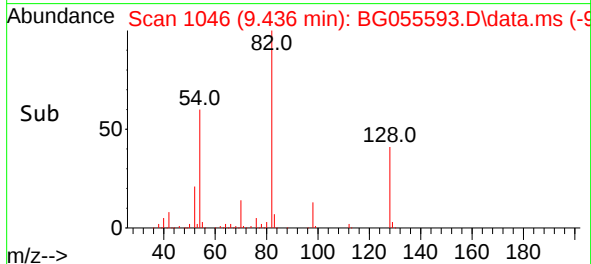
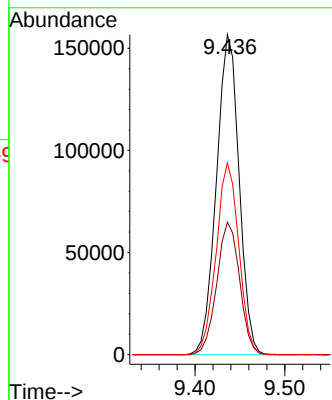
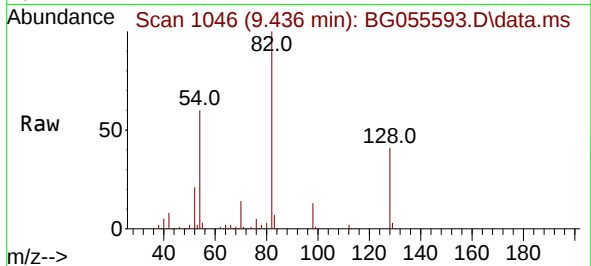




#23
Nitrobenzene-d5
Concen: 73.095 ng
RT: 9.436 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

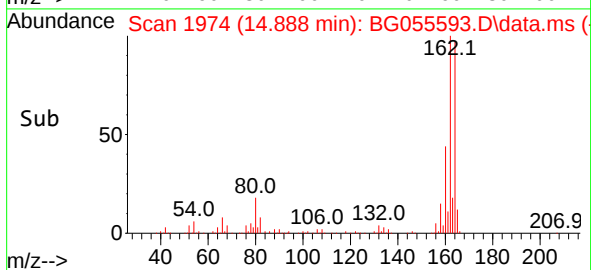
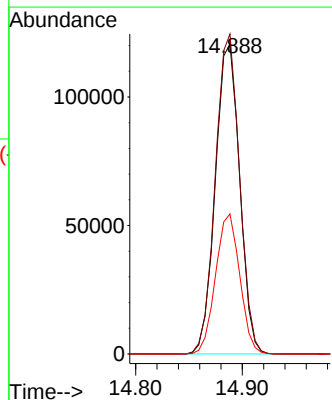
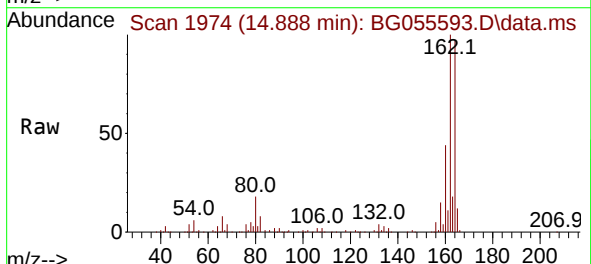
Instrument : BNA_G
ClientSampleId : 20221178-COMP-13-MODIFIED-ELUTRIATE

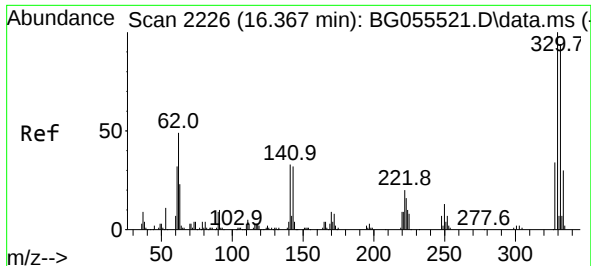
Tgt Ion: 82 Resp: 274957
Ion Ratio Lower Upper
82 100
128 41.4 32.6 49.0
54 60.0 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.888 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion:164 Resp: 190903
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 132.582 ng

RT: 16.369 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG055593.D

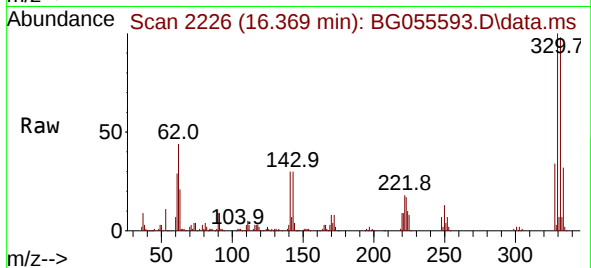
Acq: 12 Nov 2022 17:19

Instrument :

BNA_G

ClientSampleId :

20221178-COMP-13-MODIFIED-ELUTRIATE



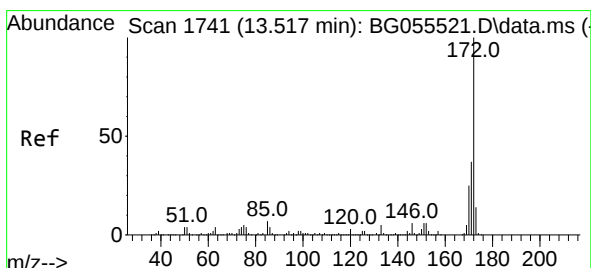
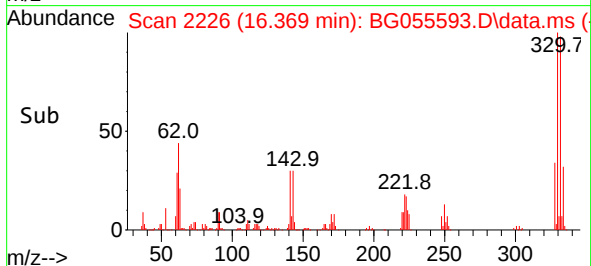
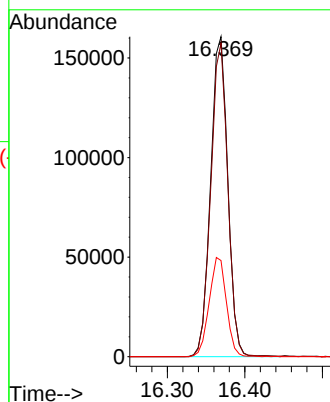
Tgt Ion:330 Resp: 246954

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 31.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 53.770 ng

RT: 13.514 min Scan# 1740

Delta R.T. -0.003 min

Lab File: BG055593.D

Acq: 12 Nov 2022 17:19

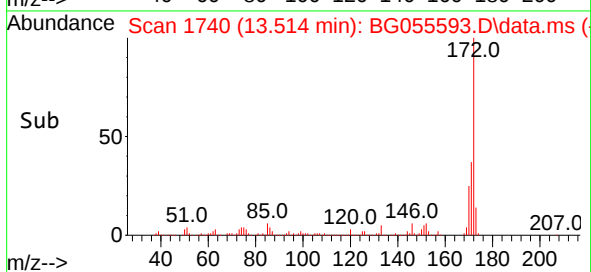
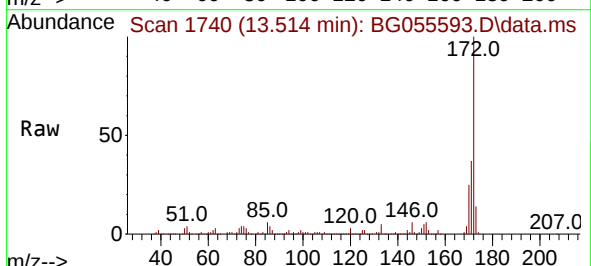
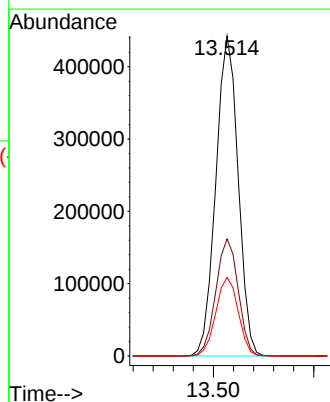
Tgt Ion:172 Resp: 680515

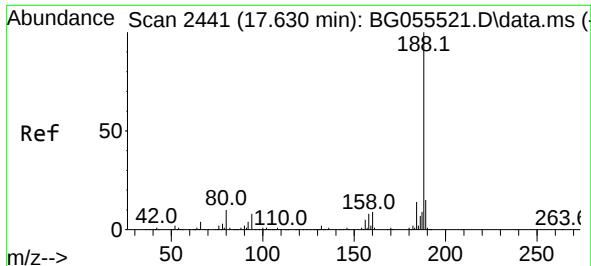
Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

170 24.6 19.8 29.6

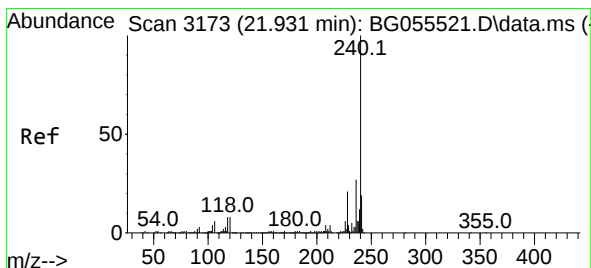
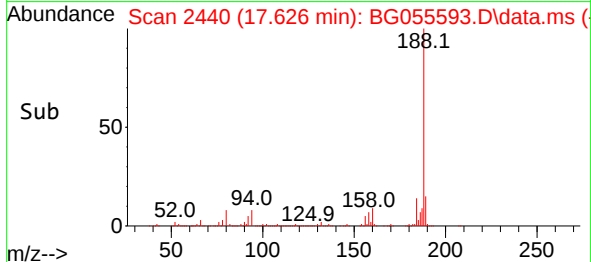
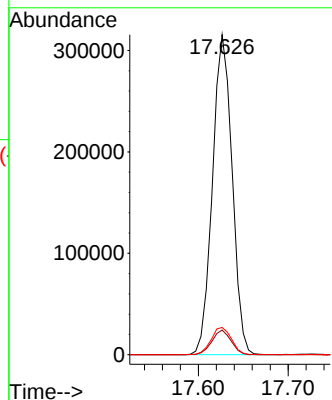
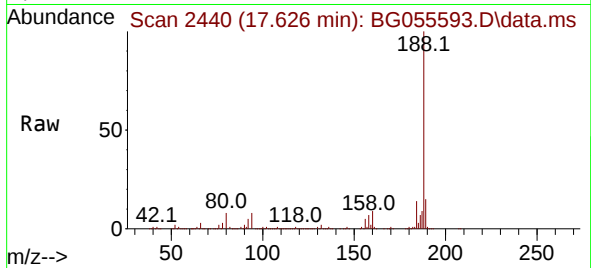




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.626 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

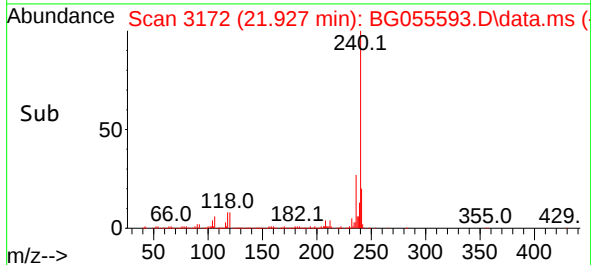
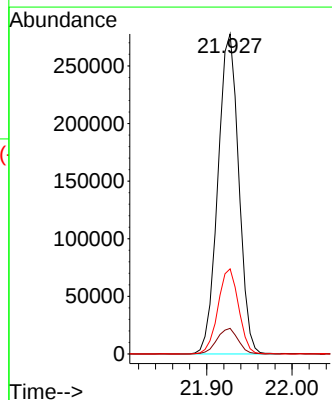
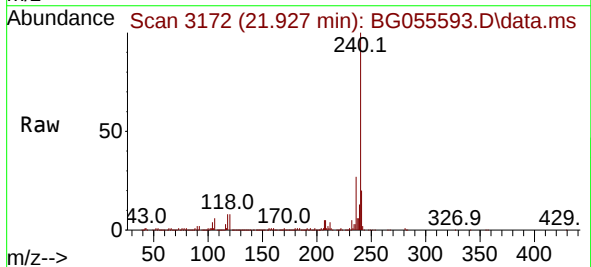
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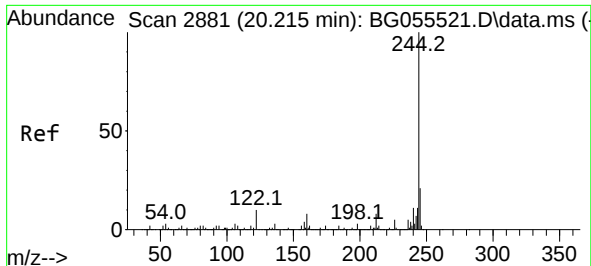
Tgt Ion:188 Resp: 478982
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG055593.D
Acq: 12 Nov 2022 17:19

Tgt Ion:240 Resp: 470517
Ion Ratio Lower Upper
240 100
120 8.0 6.1 9.1
236 26.6 21.4 32.0

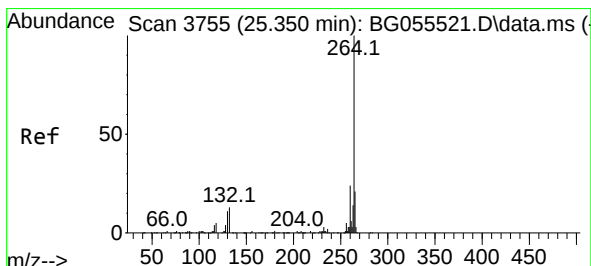
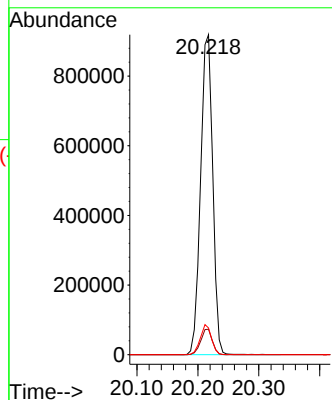
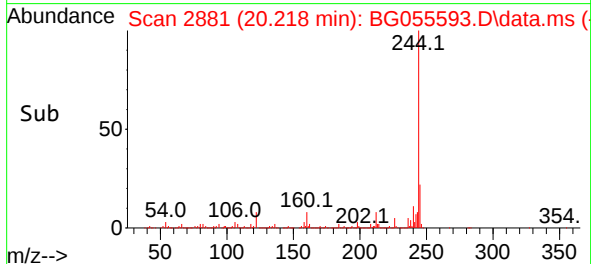
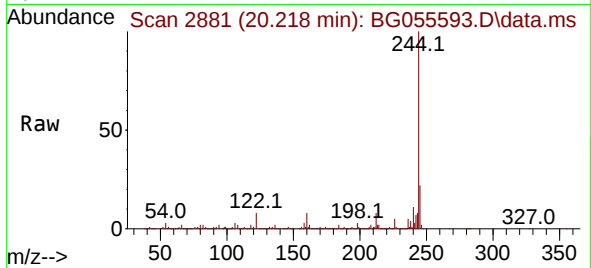




#79
 Terphenyl-d14
 Concen: 54.201 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG055593.D
 Acq: 12 Nov 2022 17:19

Instrument :
 BNA_G
 ClientSampleId :
 20221178-COMP-13-MODIFIED-ELUTRIATE

Tgt Ion:244 Resp: 1269694
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.4 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.347 min Scan# 3754
 Delta R.T. -0.003 min
 Lab File: BG055593.D
 Acq: 12 Nov 2022 17:19

Tgt Ion:264 Resp: 493707
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 20.7 17.1 25.7

