

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055592.D
 Acq On : 12 Nov 2022 16:36
 Operator : CG/JU
 Sample : N5431-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221177-COMP-12-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:28:14 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	8.270	152	64518	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	262784	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	197219	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	480247	20.000	ng	0.00
76) Chrysene-d12	21.925	240	477229	20.000	ng	0.00
86) Perylene-d12	25.345	264	504497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	188165	55.551	ng	0.00
7) Phenol-d6	7.401	99	171989	36.758	ng	0.00
23) Nitrobenzene-d5	9.440	82	315618	81.422	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	290683	151.061	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	777268	59.448	ng	0.00
79) Terphenyl-d14	20.215	244	1455471	61.258	ng	0.00

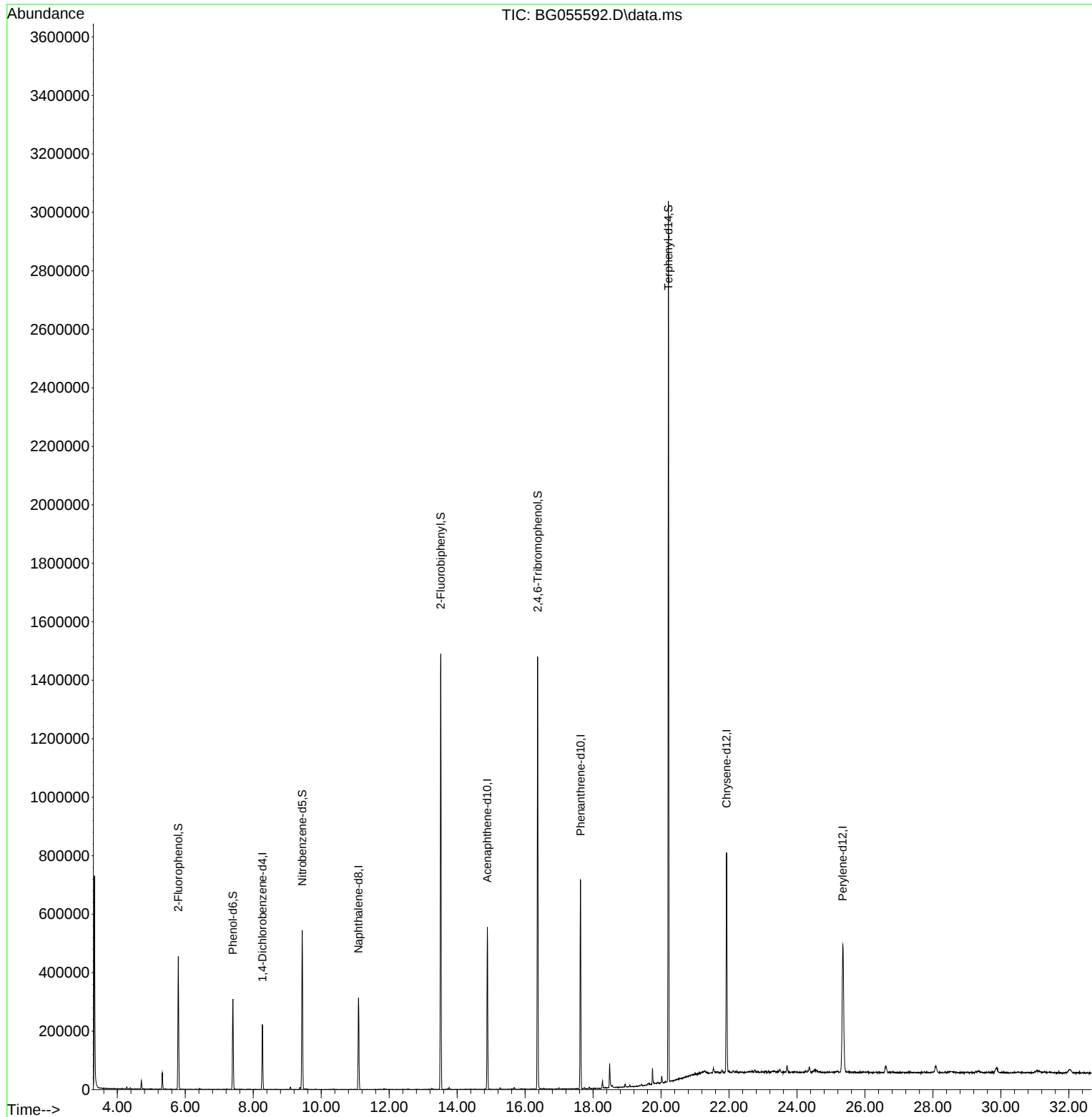
Target Compounds	Qvalue

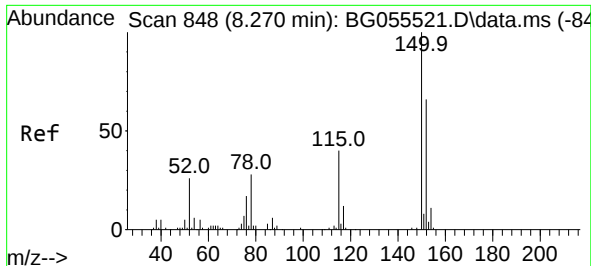
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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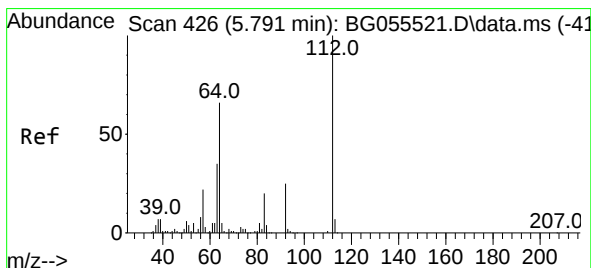
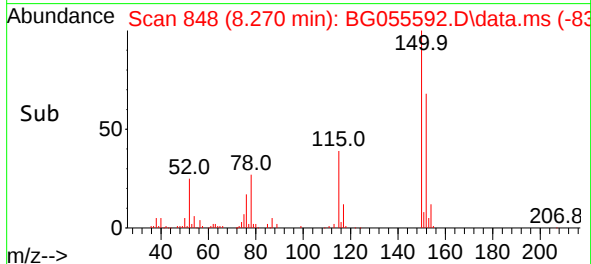
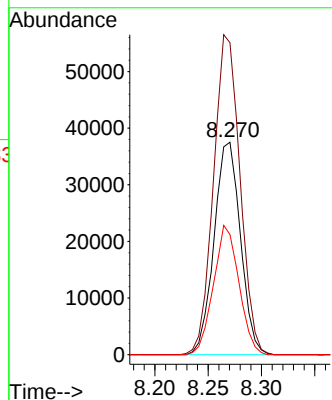
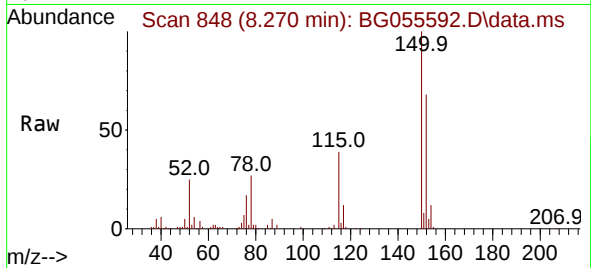




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 848
Delta R.T. 0.000 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

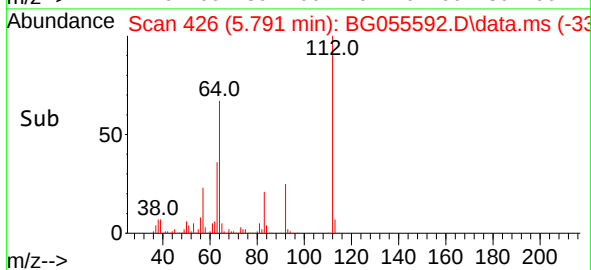
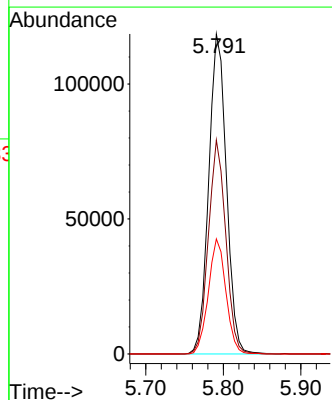
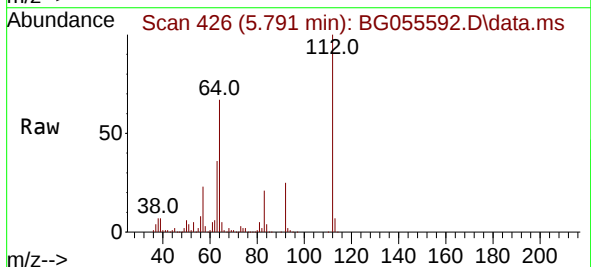
Instrument :
BNA_G
ClientSampleId :
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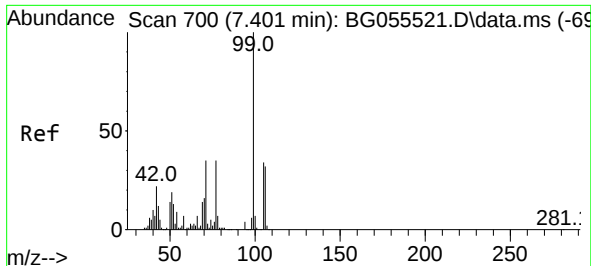
Tgt Ion:152 Resp: 64518
Ion Ratio Lower Upper
152 100
150 146.8 121.0 181.4
115 56.6 47.8 71.8



#5
2-Fluorophenol
Concen: 55.551 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.000 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion:112 Resp: 188165
Ion Ratio Lower Upper
112 100
64 66.8 52.6 78.8
63 35.9 28.3 42.5

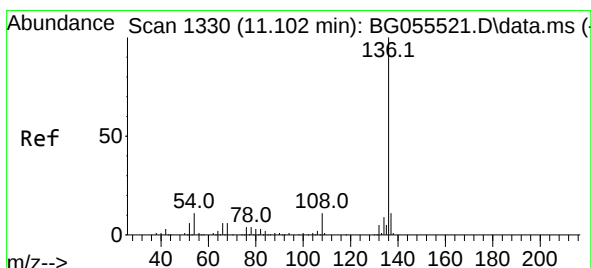
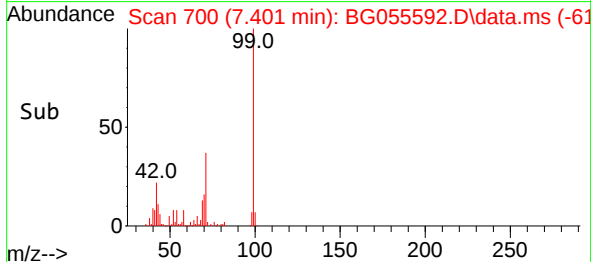
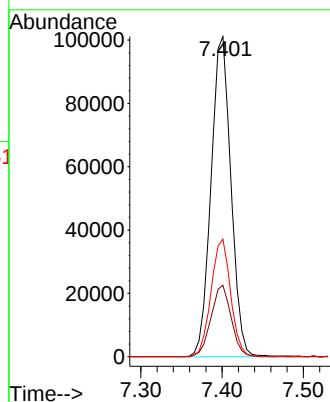
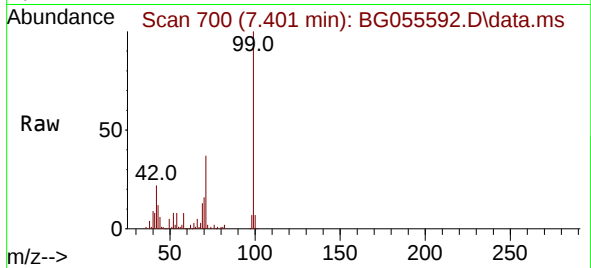




#7
Phenol-d6
Concen: 36.758 ng
RT: 7.401 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

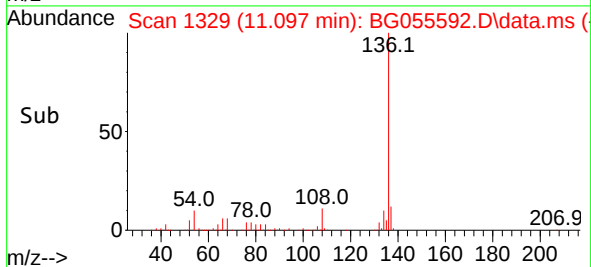
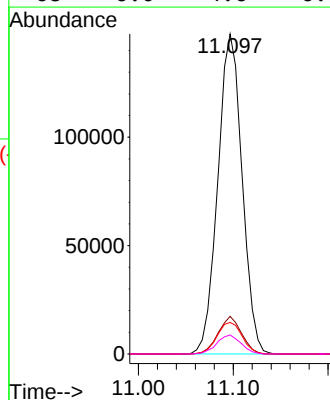
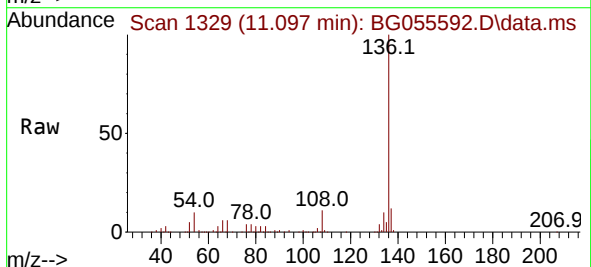
Instrument :
BNA_G
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20221177-COMP-12-MODIFIED-ELUTRIATE

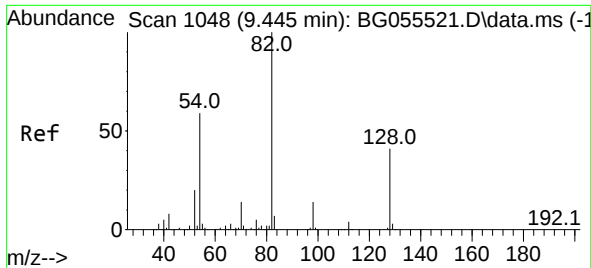
Tgt Ion: 99 Resp: 171989
Ion Ratio Lower Upper
99 100
42 22.3 17.5 26.3
71 36.7 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion: 136 Resp: 262784
Ion Ratio Lower Upper
136 100
137 11.8 8.6 12.8
54 9.9 8.6 12.8
68 6.0 4.6 6.8

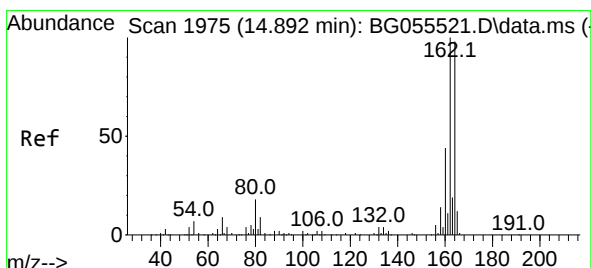
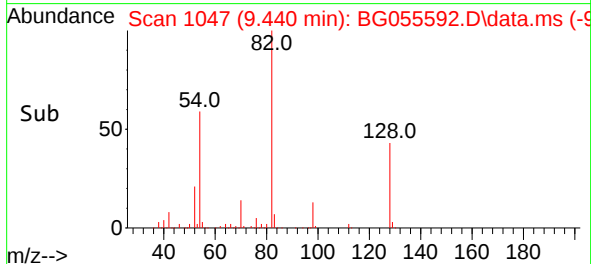
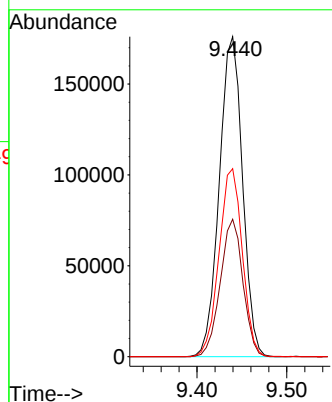
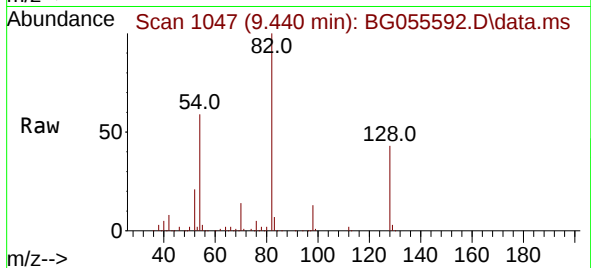




#23
Nitrobenzene-d5
Concen: 81.422 ng
RT: 9.440 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

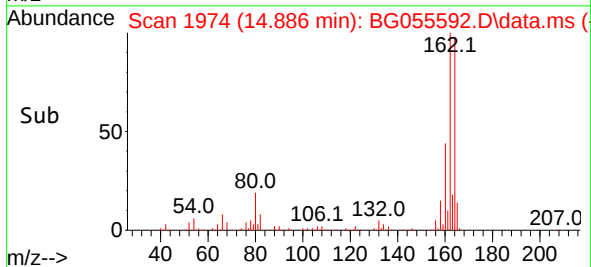
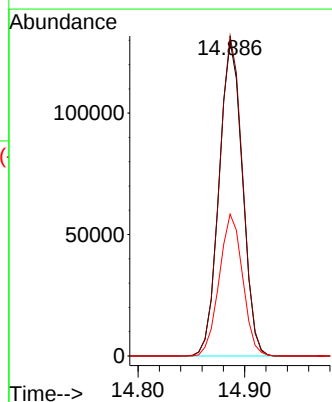
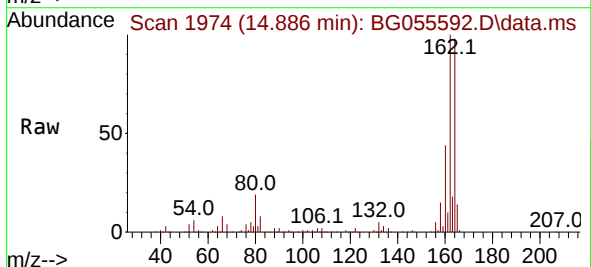
Instrument : BNA_G
ClientSampleId : 20221177-COMP-12-MODIFIED-ELUTRIATE

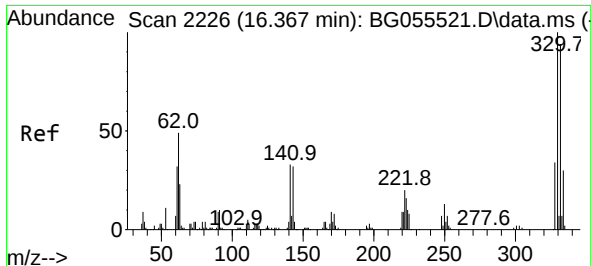
Tgt Ion: 82 Resp: 315618
Ion Ratio Lower Upper
82 100
128 43.0 32.6 49.0
54 58.8 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion:164 Resp: 197219
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 151.061 ng

RT: 16.367 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG055592.D

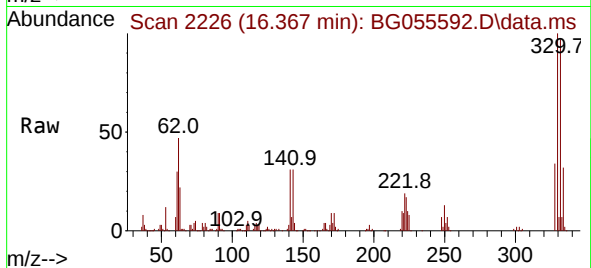
Acq: 12 Nov 2022 16:36

Instrument :

BNA_G

ClientSampleId :

20221177-COMP-12-MODIFIED-ELUTRIATE



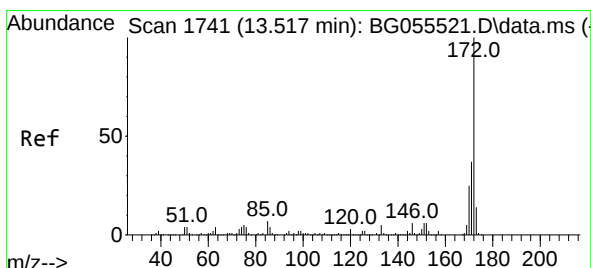
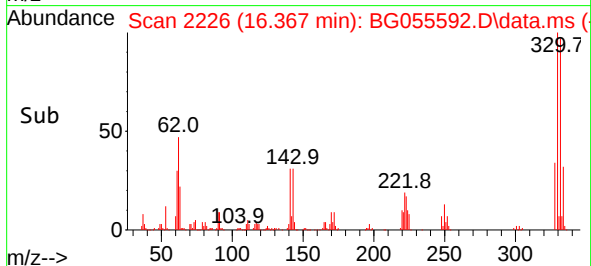
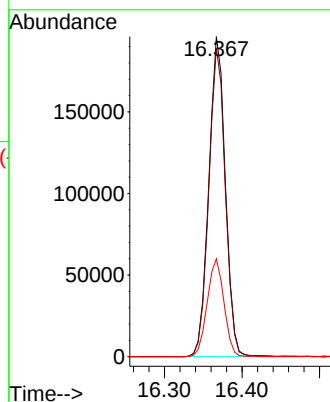
Tgt Ion:330 Resp: 290683

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

141 30.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 59.448 ng

RT: 13.517 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG055592.D

Acq: 12 Nov 2022 16:36

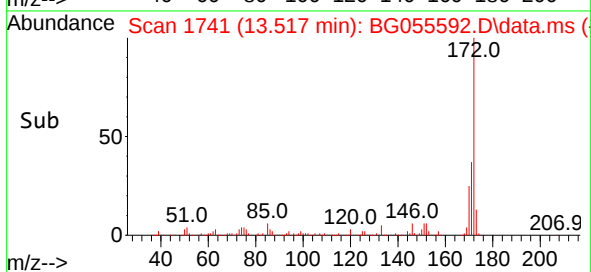
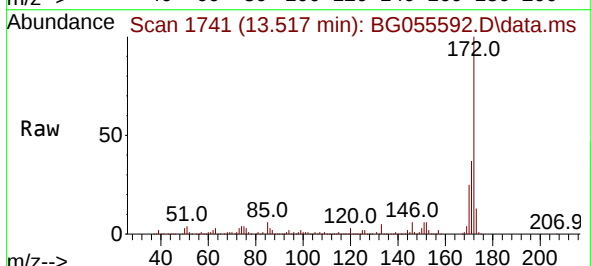
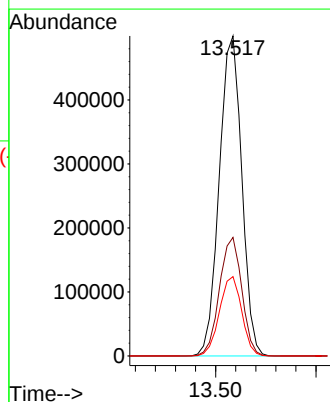
Tgt Ion:172 Resp: 777268

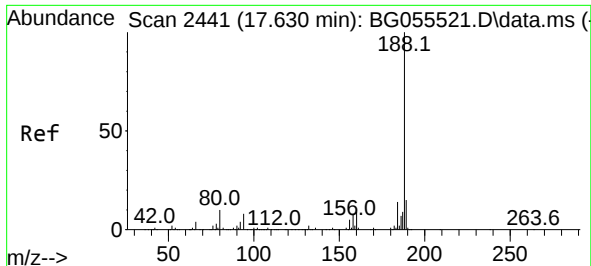
Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

170 24.8 19.8 29.6

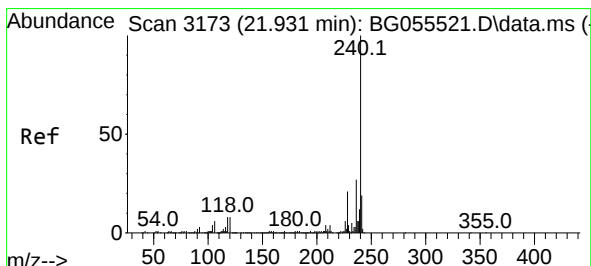
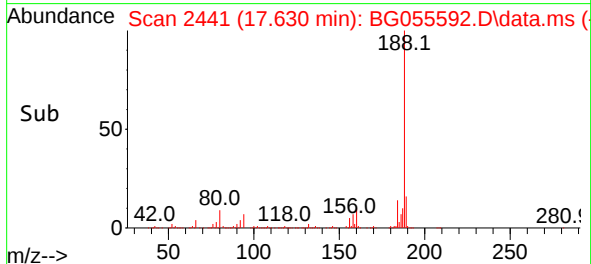
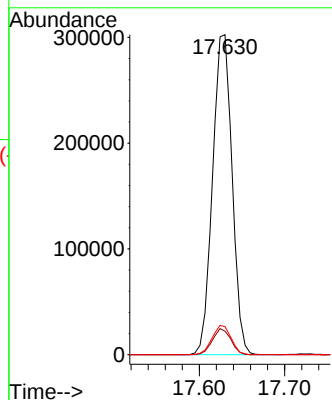
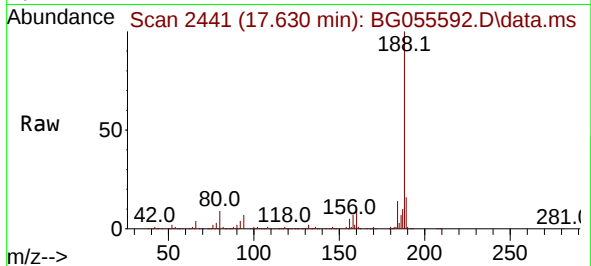




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

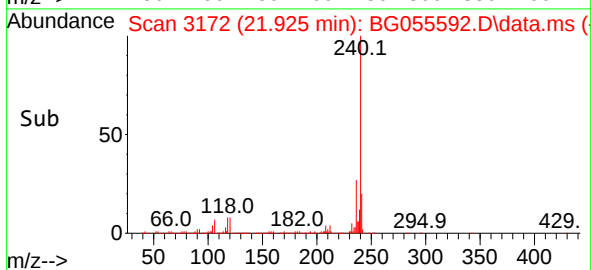
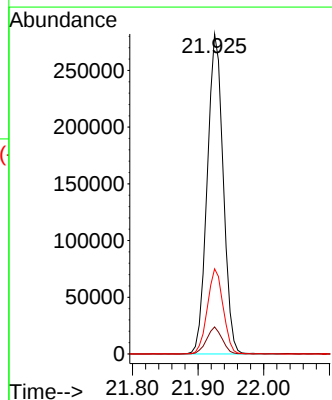
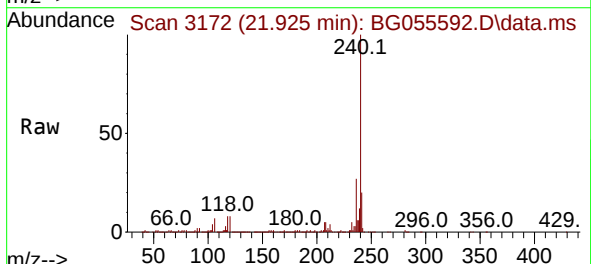
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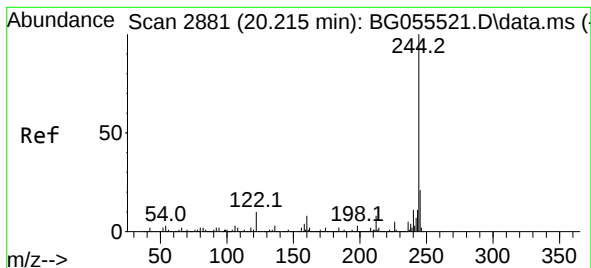
Tgt Ion:188 Resp: 480247
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG055592.D
Acq: 12 Nov 2022 16:36

Tgt Ion:240 Resp: 477229
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 26.6 21.4 32.0





#79

Terphenyl-d14

Concen: 61.258 ng

RT: 20.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055592.D

Acq: 12 Nov 2022 16:36

Instrument :

BNA_G

ClientSampleId :

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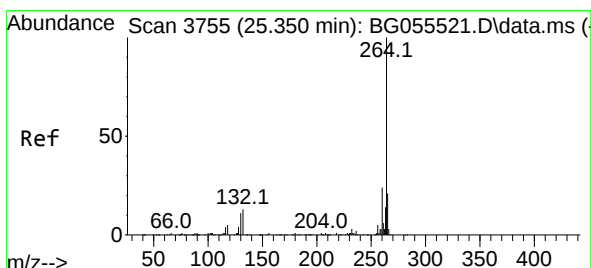
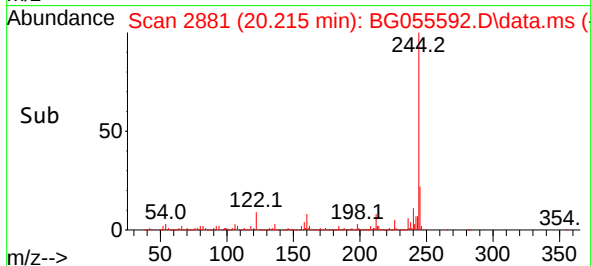
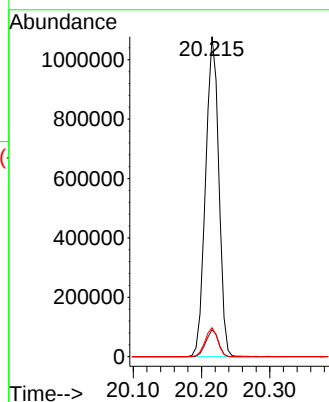
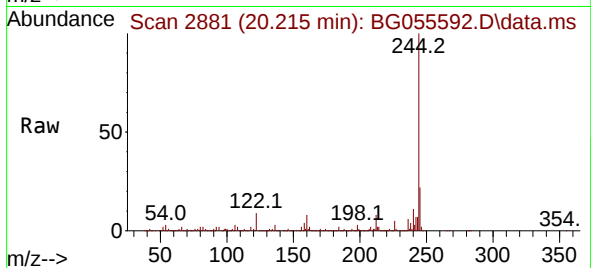
Tgt Ion:244 Resp: 1455471

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 9.1 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.345 min Scan# 3754

Delta R.T. -0.005 min

Lab File: BG055592.D

Acq: 12 Nov 2022 16:36

Tgt Ion:264 Resp: 504497

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.6 17.1 25.7

