

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055633.D
 Acq On : 15 Nov 2022 22:32
 Operator : CG/JU
 Sample : N5431-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

Quant Time: Nov 16 01:46:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	40507	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	169333	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	123332	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	310284	20.000	ng	0.00
76) Chrysene-d12	21.917	240	300396	20.000	ng	0.00
86) Perylene-d12	25.330	264	309962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.783	112	107512	50.554	ng	0.00
7) Phenol-d6	7.387	99	116675	39.718	ng	-0.01
23) Nitrobenzene-d5	9.425	82	173043	69.277	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	155404	129.142	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	419297	51.282	ng	0.00
79) Terphenyl-d14	20.207	244	793702	53.070	ng	0.00

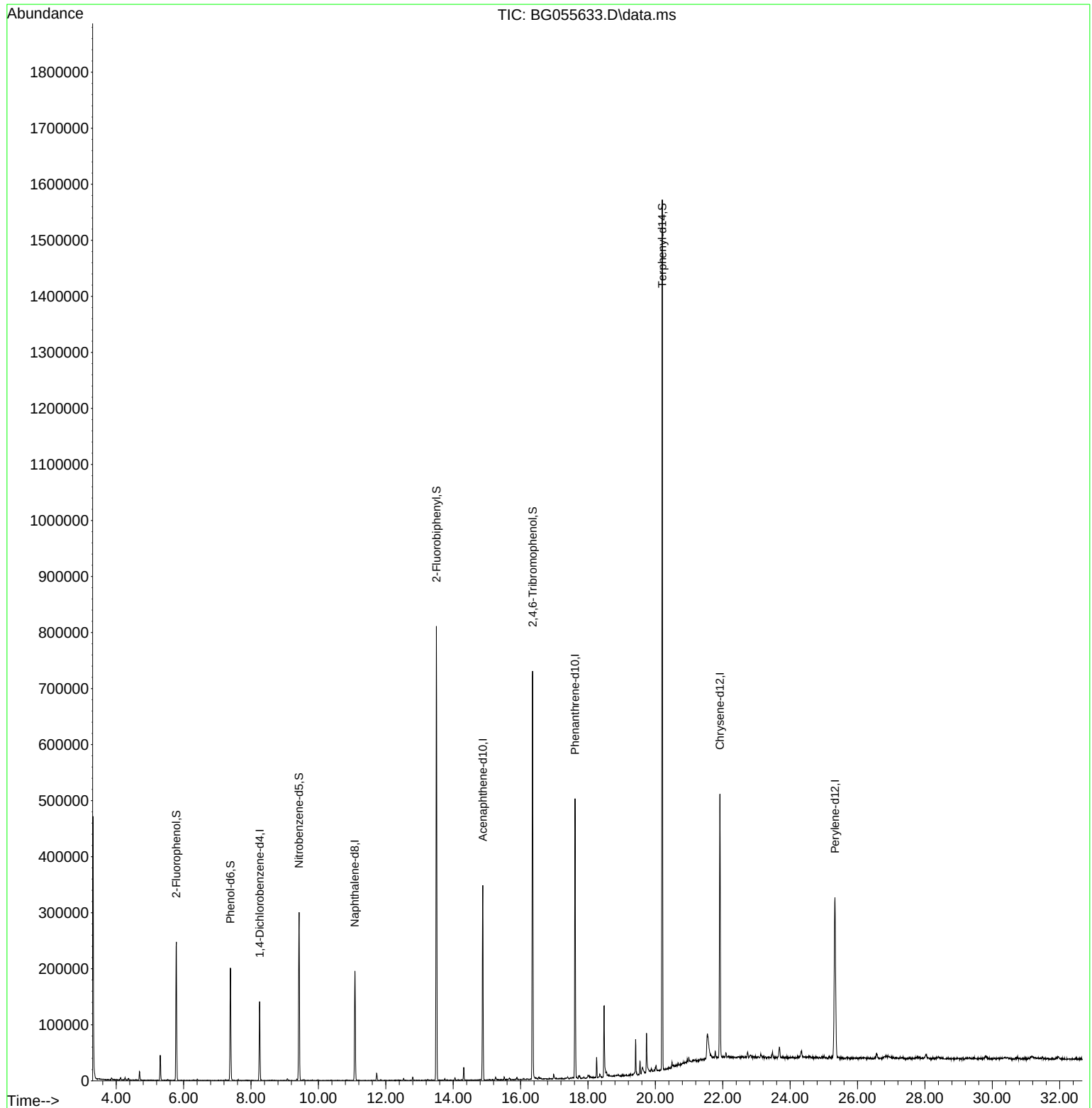
Target Compounds	Qvalue

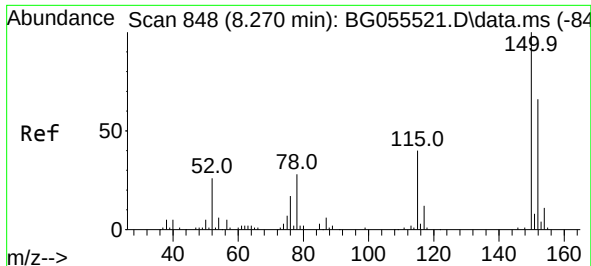
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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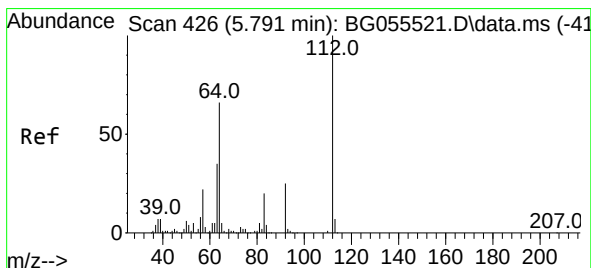
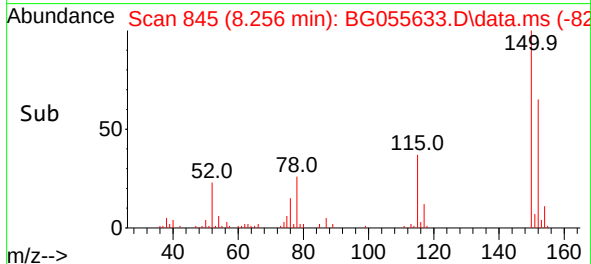
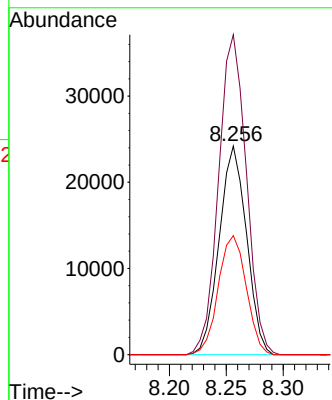
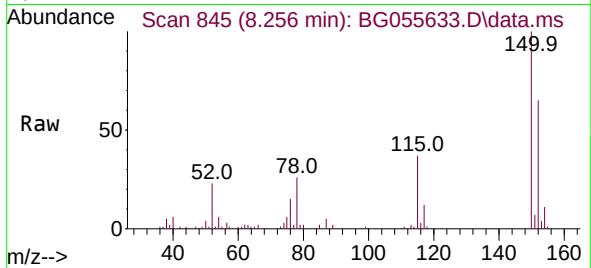




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.256 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

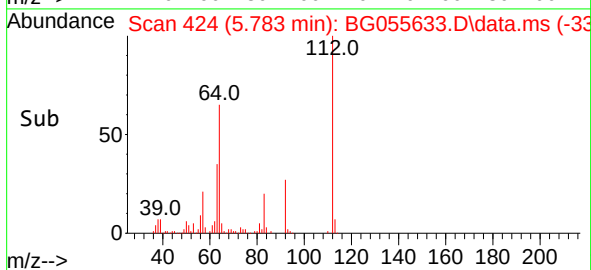
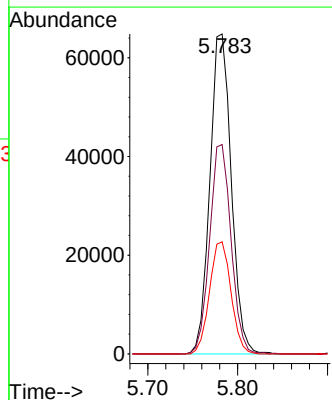
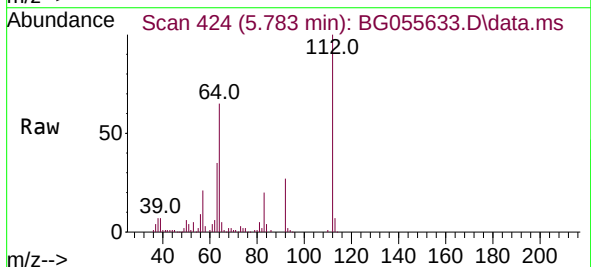
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

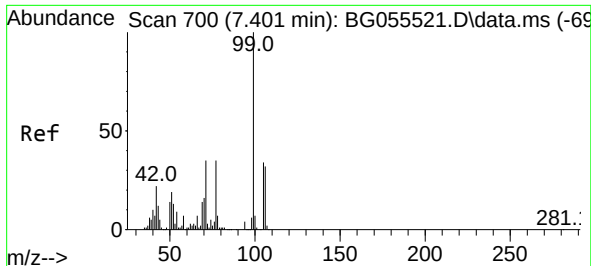
Tgt Ion:152 Resp: 40507
Ion Ratio Lower Upper
152 100
150 153.5 121.0 181.4
115 57.0 47.8 71.8



#5
2-Fluorophenol
Concen: 50.554 ng
RT: 5.783 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion:112 Resp: 107512
Ion Ratio Lower Upper
112 100
64 65.4 52.6 78.8
63 35.0 28.3 42.5

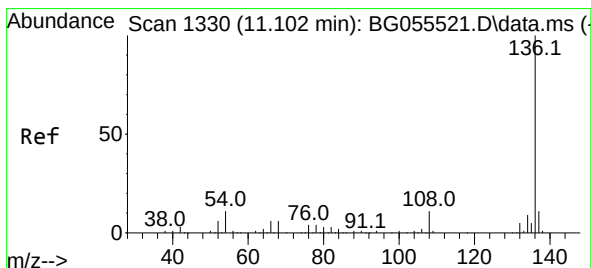
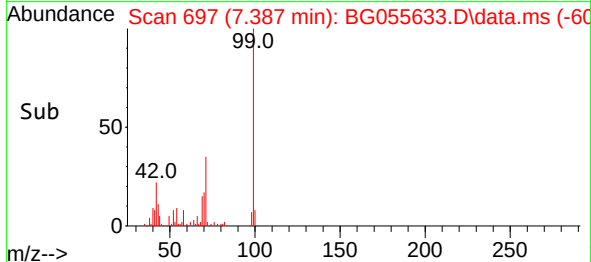
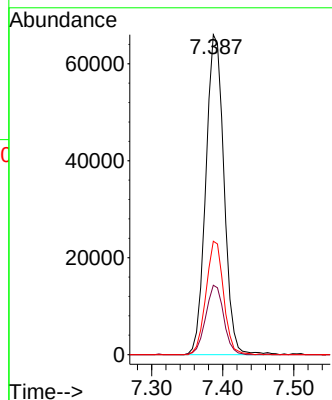
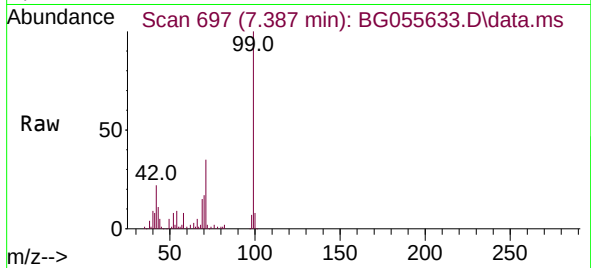




#7
Phenol-d6
Concen: 39.718 ng
RT: 7.387 min Scan# 69
Delta R.T. -0.010 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

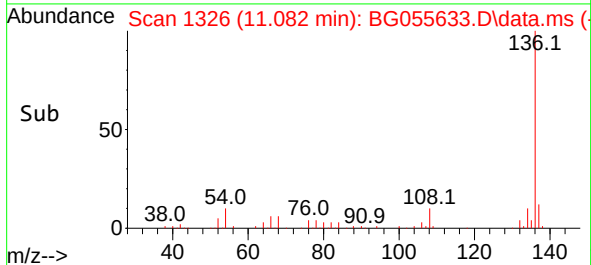
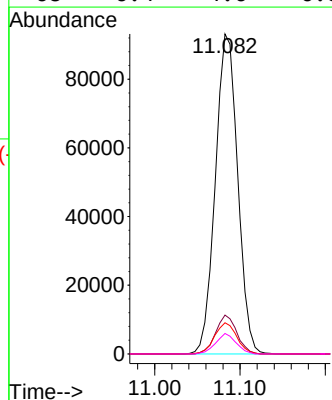
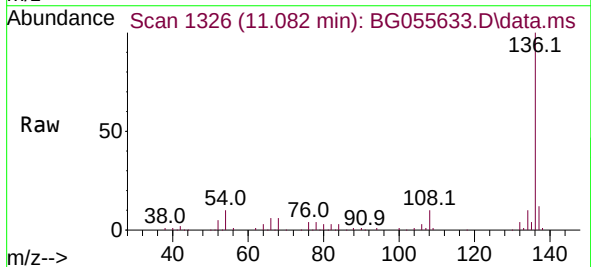
Instrument :
BNA_G
ClientSampleId :
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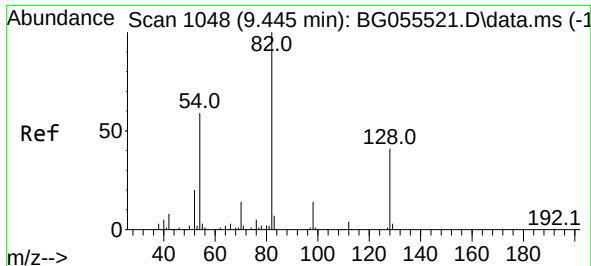
Tgt Ion: 99 Resp: 116675
Ion Ratio Lower Upper
99 100
42 21.7 17.5 26.3
71 35.4 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion: 136 Resp: 169333
Ion Ratio Lower Upper
136 100
137 12.1 8.6 12.8
54 9.7 8.6 12.8
68 6.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 69.277 ng

RT: 9.425 min Scan# 1044

Delta R.T. -0.005 min

Lab File: BG055633.D

Acq: 15 Nov 2022 22:32

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

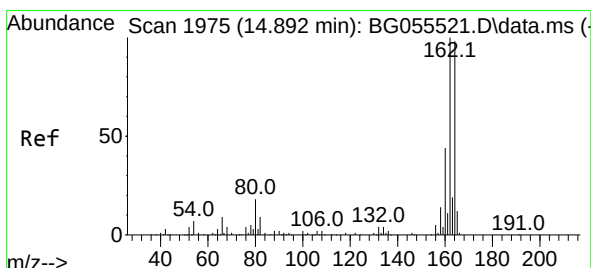
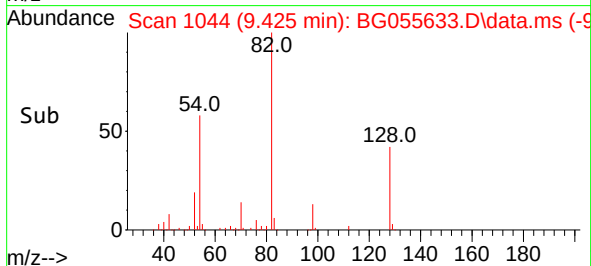
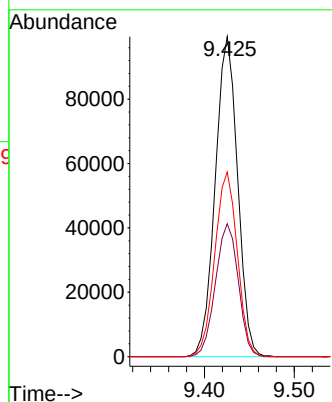
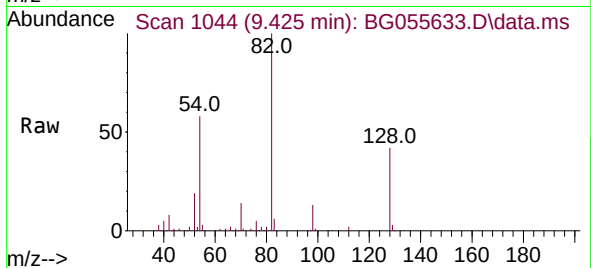
Tgt Ion: 82 Resp: 173043

Ion Ratio Lower Upper

82 100

128 41.5 32.6 49.0

54 57.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.878 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BG055633.D

Acq: 15 Nov 2022 22:32

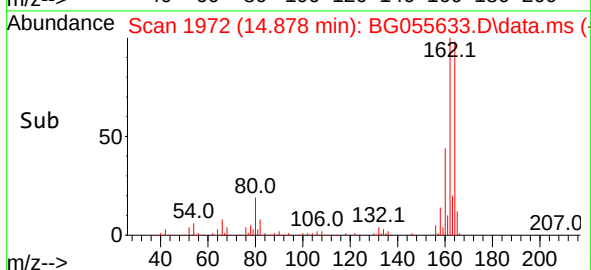
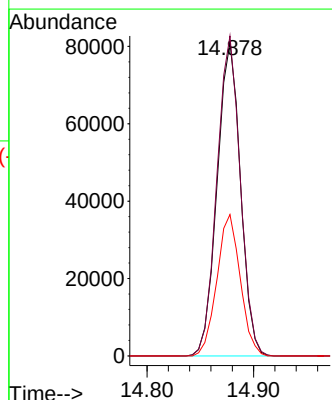
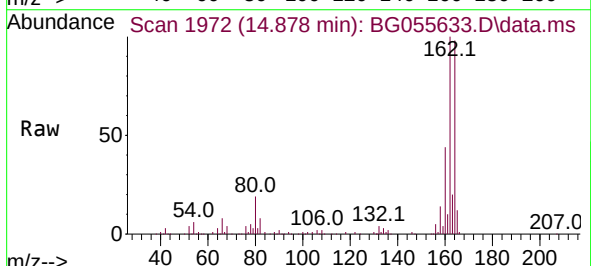
Tgt Ion: 164 Resp: 123332

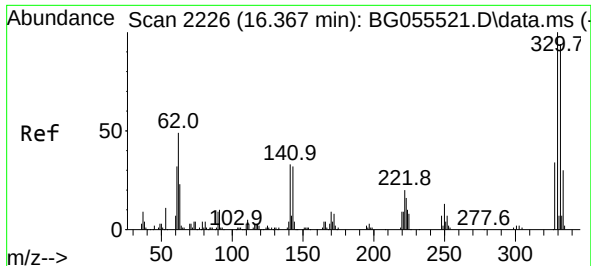
Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

160 45.1 35.9 53.9

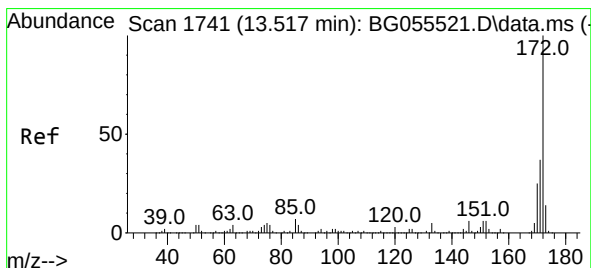
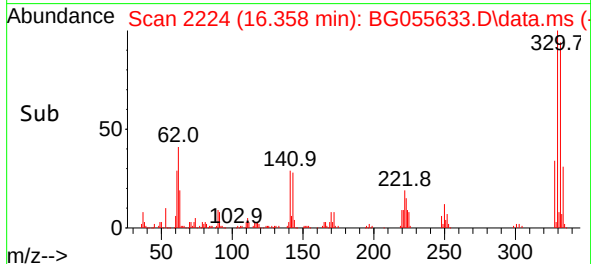
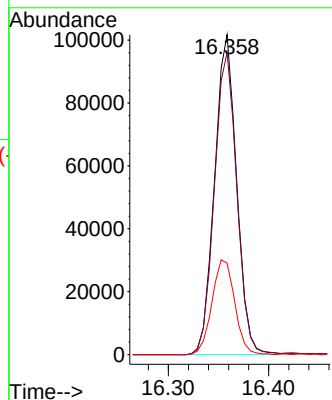
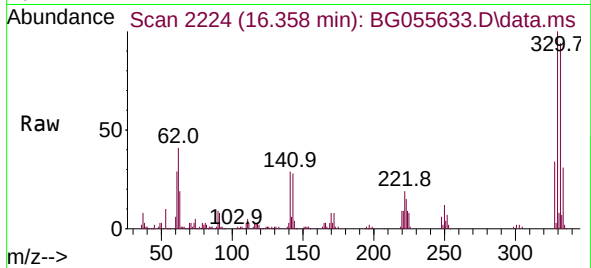




#42
2,4,6-Tribromophenol
Concen: 129.142 ng
RT: 16.358 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

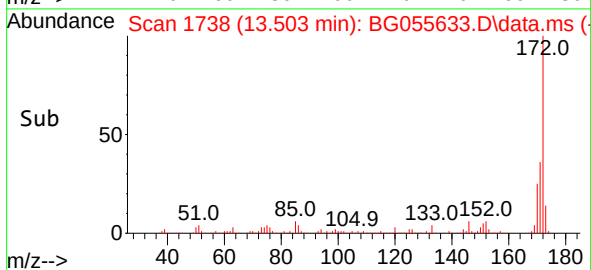
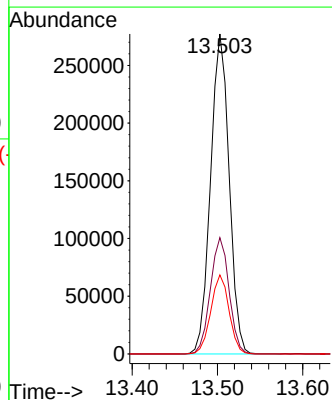
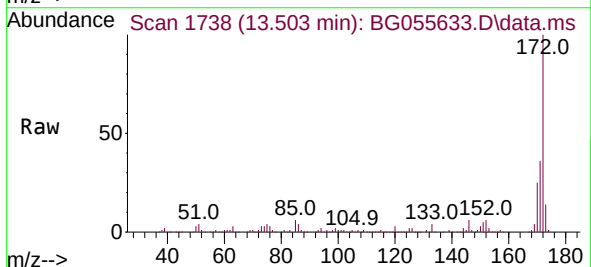
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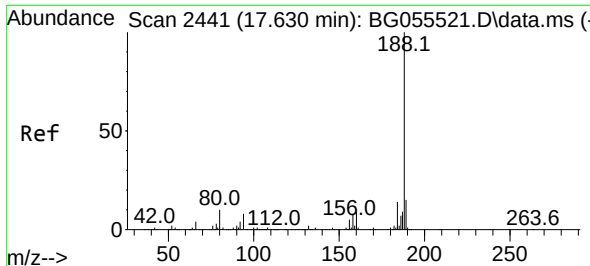
Tgt Ion:330 Resp: 155404
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 30.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 51.282 ng
RT: 13.503 min Scan# 1738
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion:172 Resp: 419297
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.7 19.8 29.6

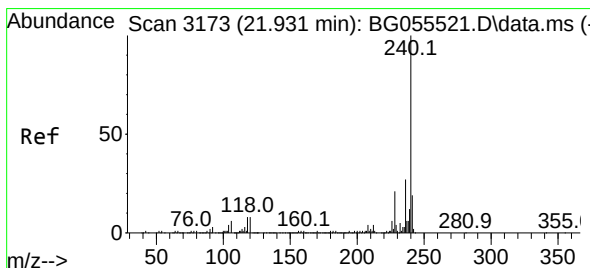
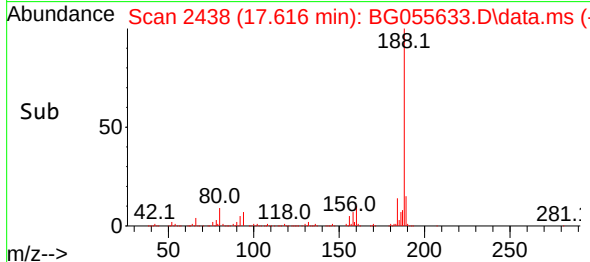
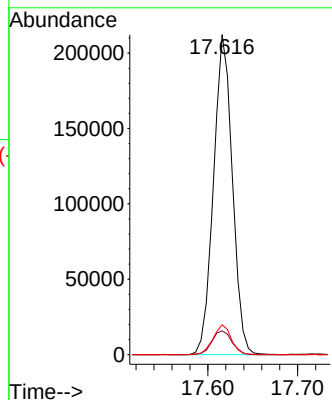
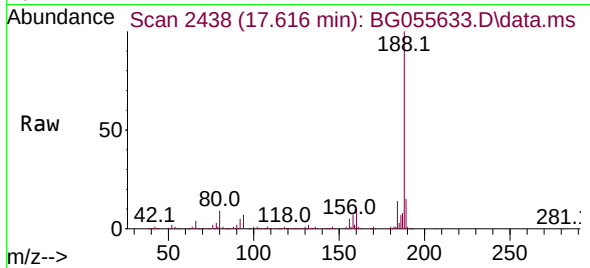




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

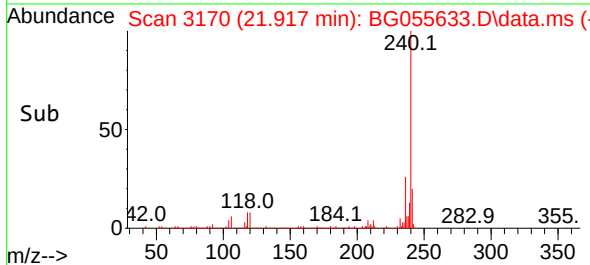
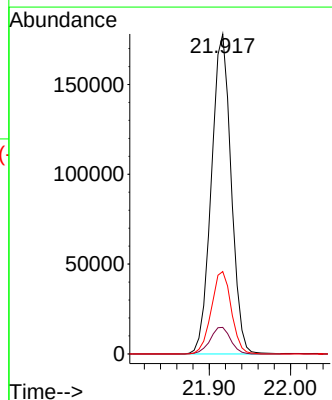
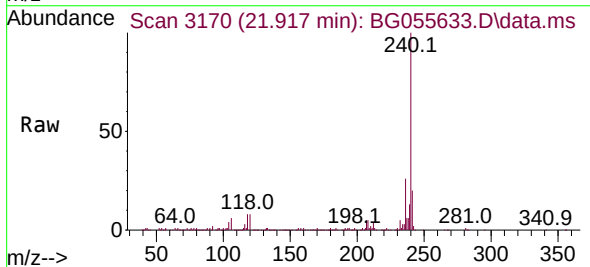
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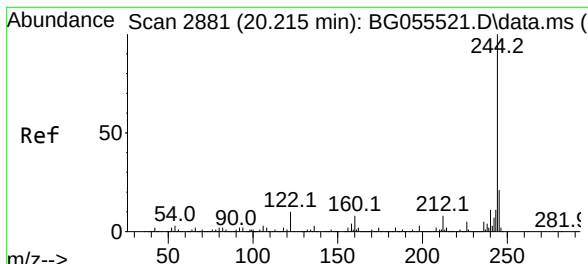
Tgt Ion:188 Resp: 310284
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.917 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion:240 Resp: 300396
Ion Ratio Lower Upper
240 100
120 8.3 6.1 9.1
236 25.7 21.4 32.0

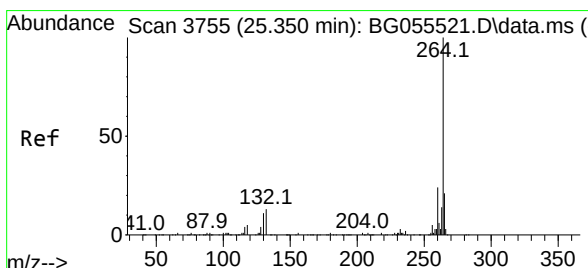
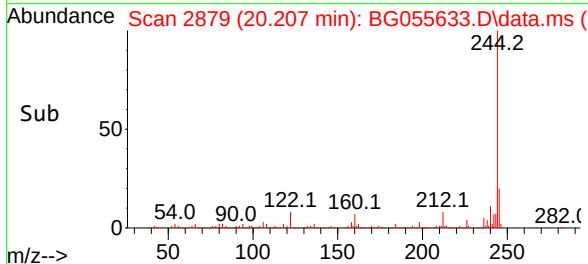
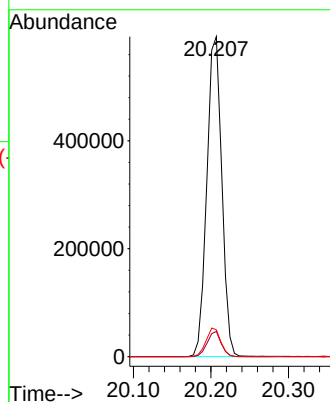
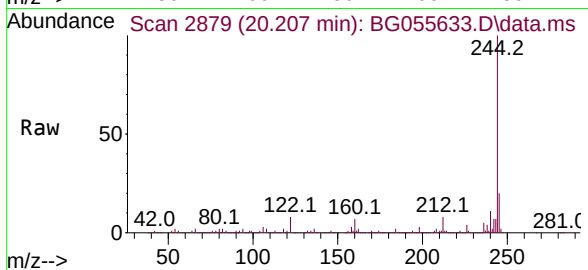




#79
 Terphenyl-d14
 Concen: 53.070 ng
 RT: 20.207 min Scan# 2881
 Delta R.T. -0.005 min
 Lab File: BG055633.D
 Acq: 15 Nov 2022 22:32

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Tgt Ion:244 Resp: 793702
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.4 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.330 min Scan# 3751
 Delta R.T. -0.005 min
 Lab File: BG055633.D
 Acq: 15 Nov 2022 22:32

Tgt Ion:264 Resp: 309962
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.1 17.1 25.7

