

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
 Data File : BG053896.D
 Acq On : 13 Jun 2022 16:19
 Operator : CG/JU
 Sample : PB145453BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145453BL

Quant Time: Jun 13 16:58:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	21621	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	80527	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	60587	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	163689	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	209852	20.000	ng	0.00
86) Perylene-d12	24.993	264	211694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	162916	144.064	ng	0.00
7) Phenol-d6	7.237	99	207398	135.193	ng	0.00
23) Nitrobenzene-d5	9.247	82	132214	92.266	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	137107	140.848	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	380354	91.288	ng	0.00
79) Terphenyl-d14	20.064	244	960331	92.169	ng	0.00

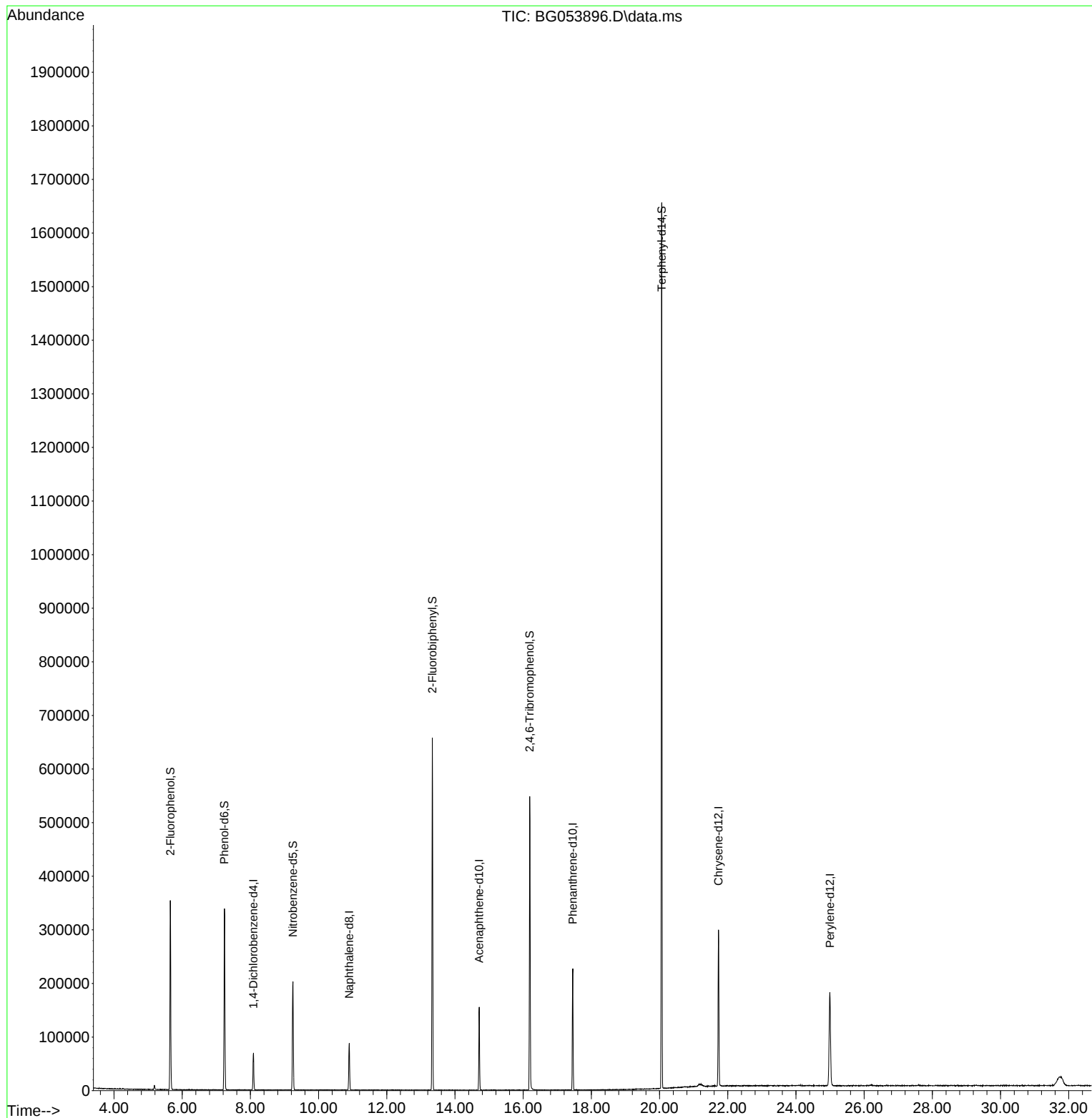
Target Compounds	Qvalue

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

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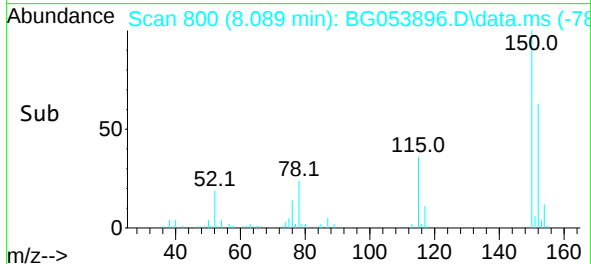
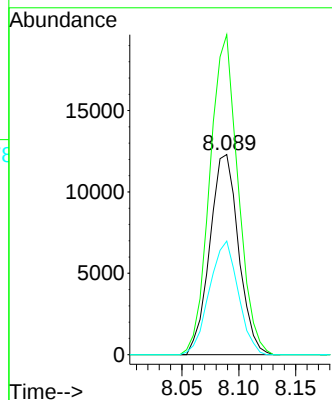
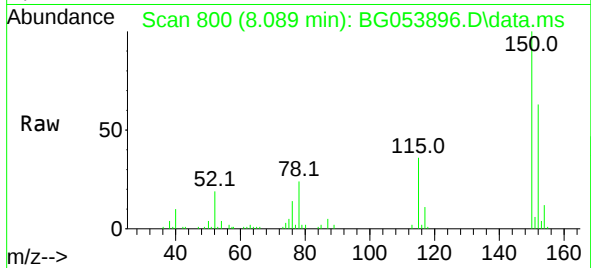




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 800
Delta R.T. 0.000 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

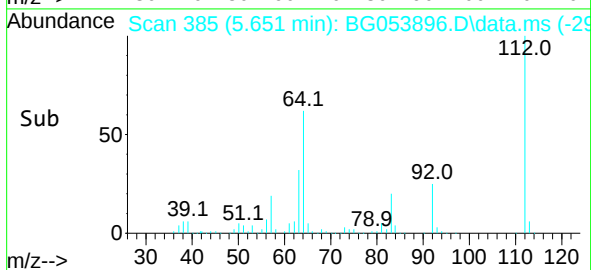
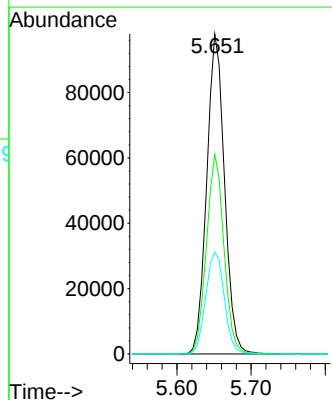
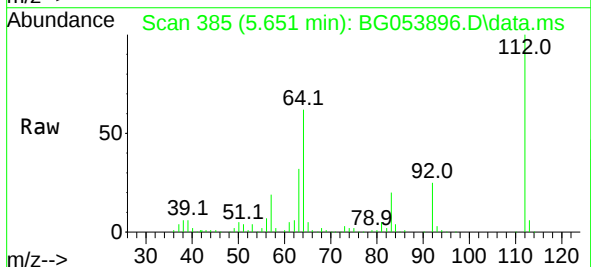
Instrument :
BNA_G
ClientSampleId :
PB145453BL

Tgt Ion:152 Resp: 21621
Ion Ratio Lower Upper
152 100
150 159.9 131.6 197.4
115 56.8 50.9 76.3



#5
2-Fluorophenol
Concen: 144.064 ng
RT: 5.651 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion:112 Resp: 162916
Ion Ratio Lower Upper
112 100
64 62.3 55.1 82.7
63 31.9 30.4 45.6

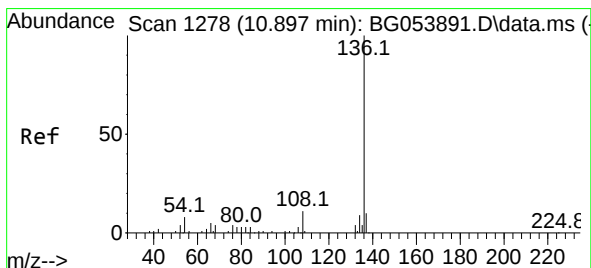
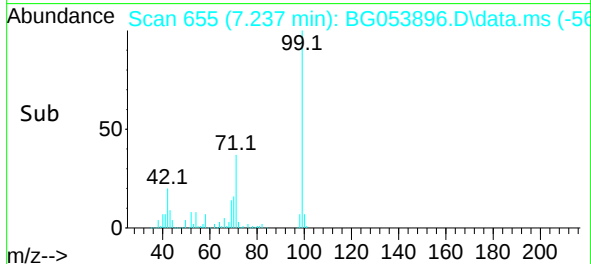
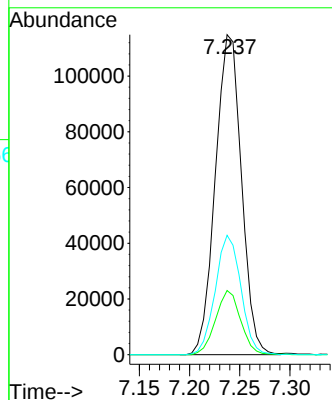
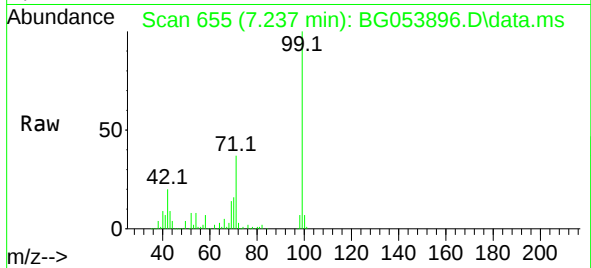




#7
Phenol-d6
Concen: 135.193 ng
RT: 7.237 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

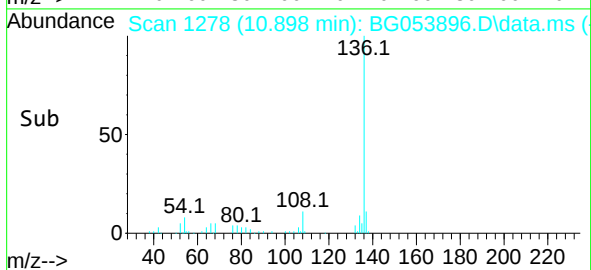
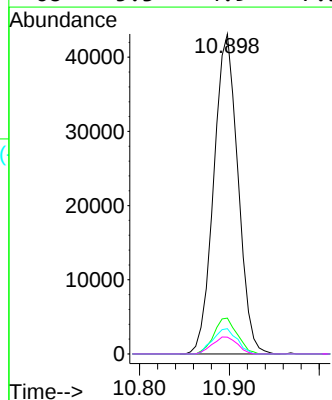
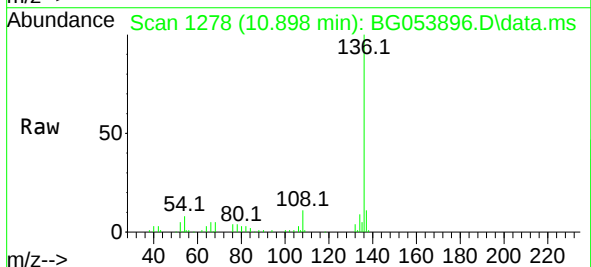
Instrument :
BNA_G
ClientSampleId :
PB145453BL

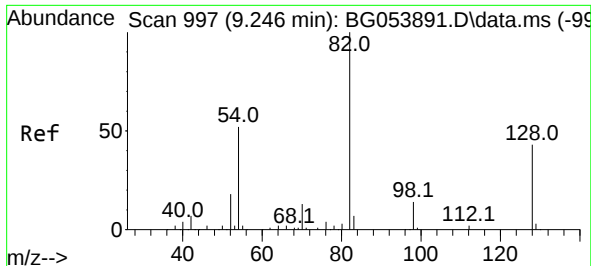
Tgt Ion: 99 Resp: 207398
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 37.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion: 136 Resp: 80527
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.9 7.4 11.2
68 5.3 4.9 7.3

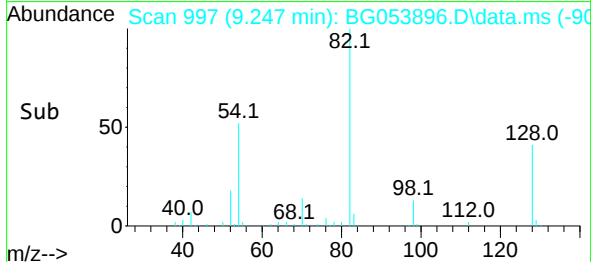
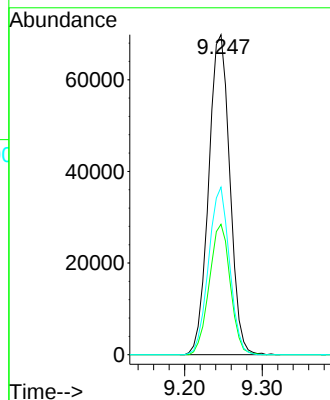
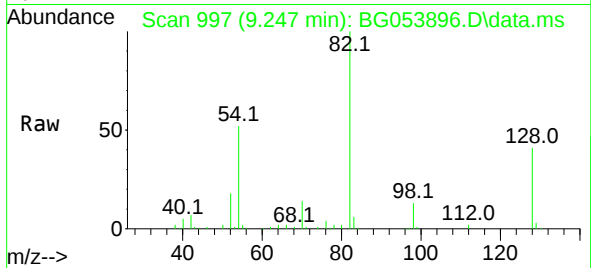




#23
Nitrobenzene-d5
Concen: 92.266 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

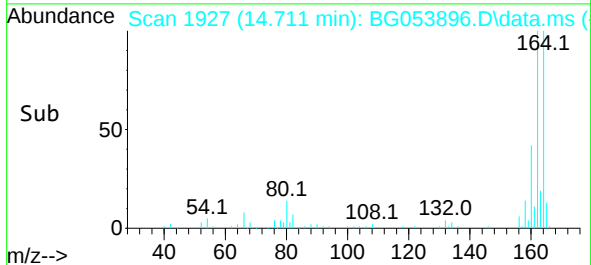
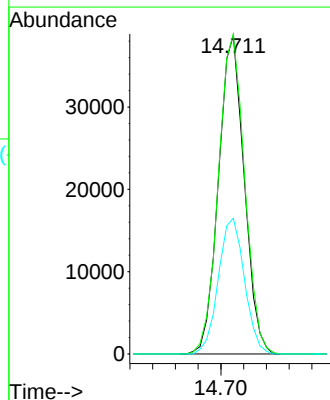
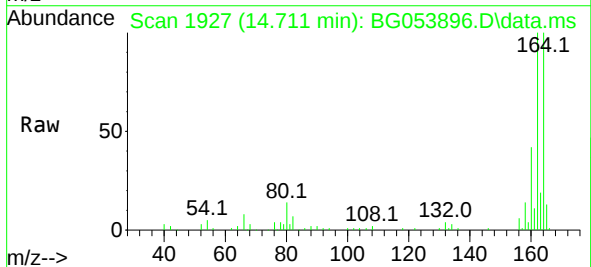
Instrument :
BNA_G
ClientSampleId :
PB145453BL

Tgt Ion: 82 Resp: 132214
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 52.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion: 164 Resp: 60587
Ion Ratio Lower Upper
164 100
162 100.5 82.3 123.5
160 42.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 140.848 ng

RT: 16.192 min Scan# 2179

Delta R.T. 0.001 min

Lab File: BG053896.D

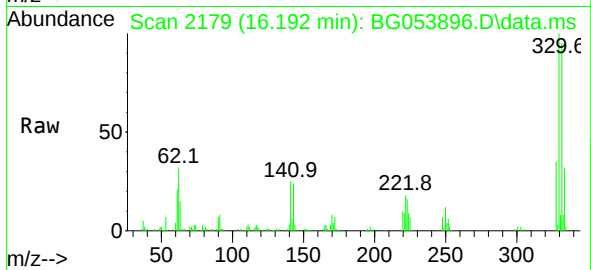
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Instrument :

BNA_G

ClientSampleId :

PB145453BL



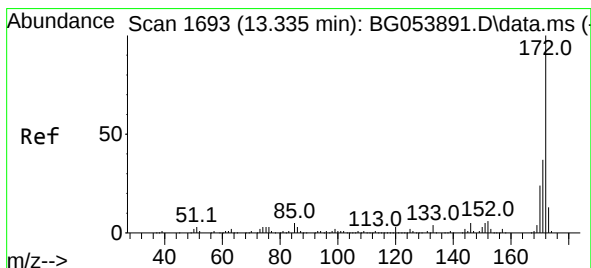
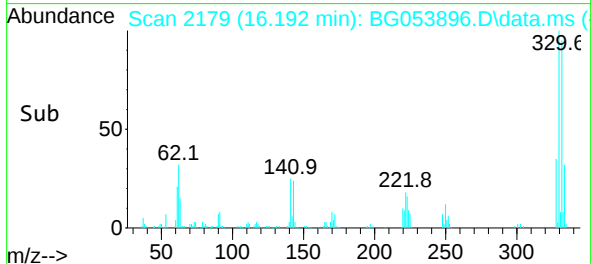
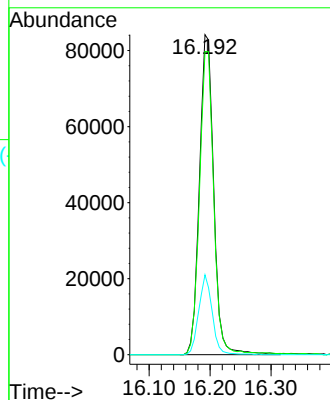
Tgt Ion:330 Resp: 137107

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 23.5 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 91.288 ng

RT: 13.336 min Scan# 1693

Delta R.T. 0.001 min

Lab File: BG053896.D

Acq: 13 Jun 2022 16:19

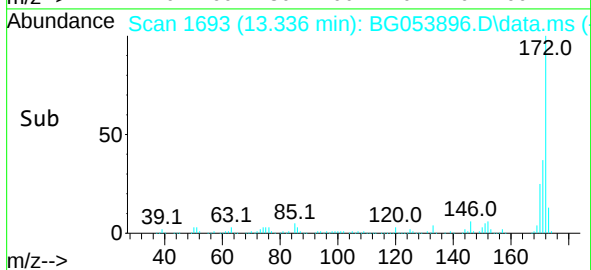
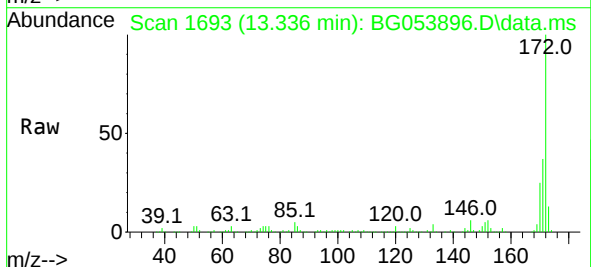
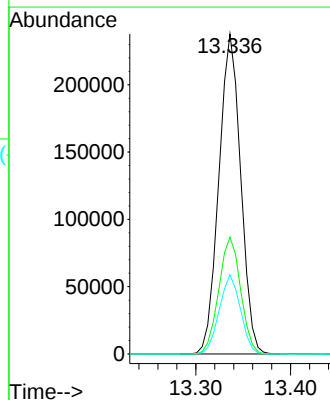
Tgt Ion:172 Resp: 380354

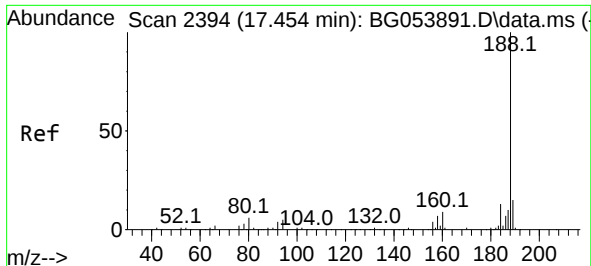
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.8 18.9 28.3

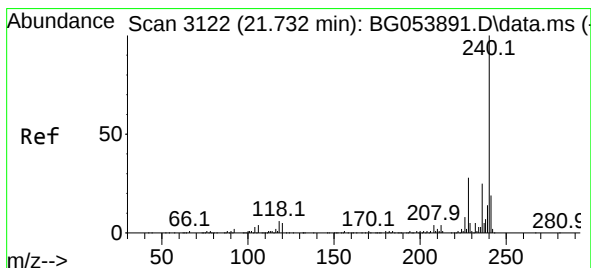
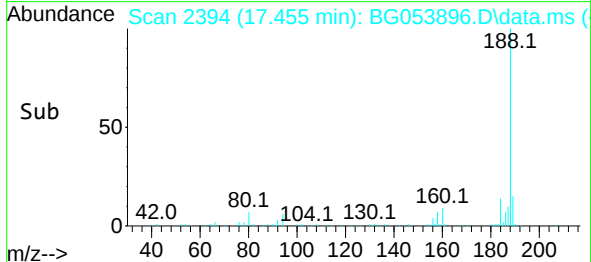
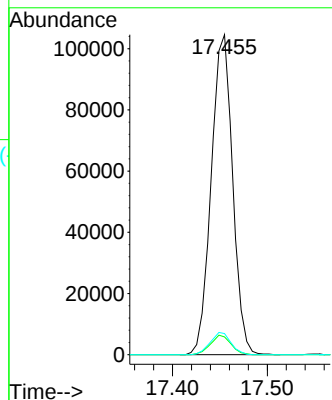
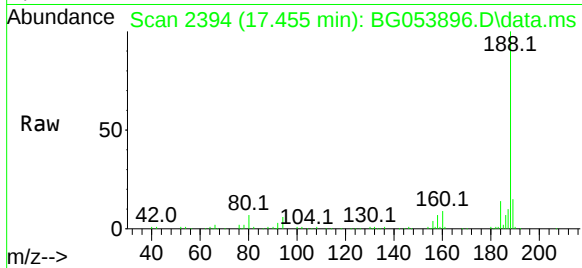




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.455 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

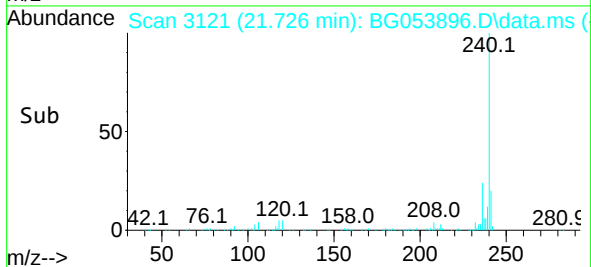
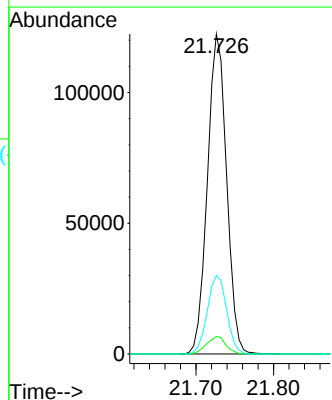
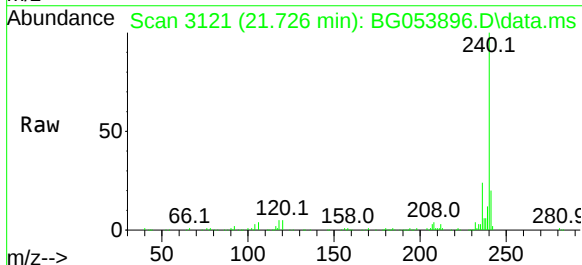
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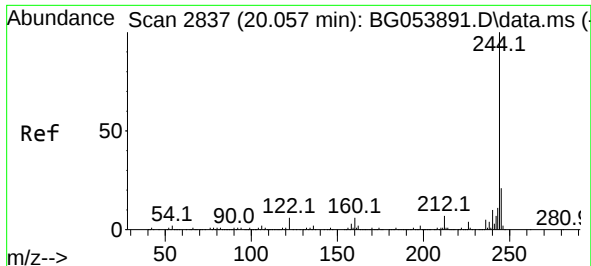
Tgt Ion:188 Resp: 163689
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 6.6 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3121
Delta R.T. -0.005 min
Lab File: BG053896.D
Acq: 13 Jun 2022 16:19

Tgt Ion:240 Resp: 209852
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.5 20.2 30.4

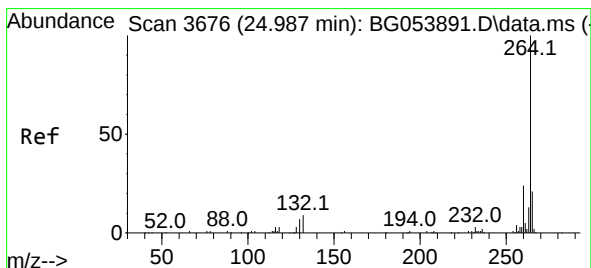
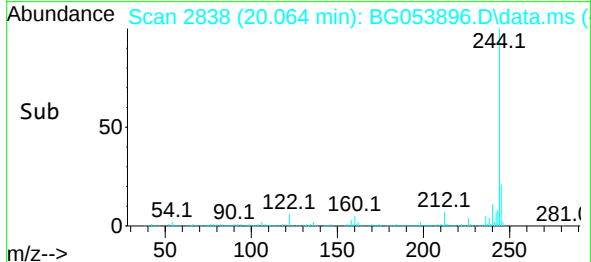
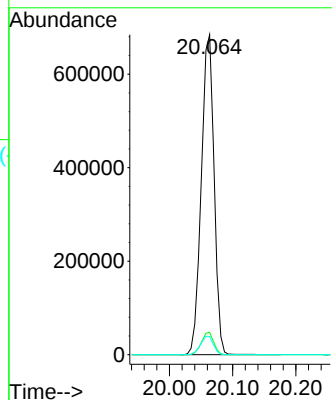
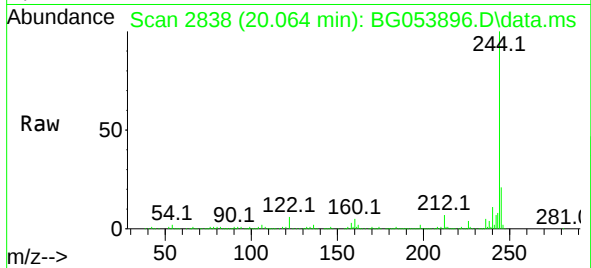




#79
 Terphenyl-d14
 Concen: 92.169 ng
 RT: 20.064 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG053896.D
 Acq: 13 Jun 2022 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB145453BL

Tgt Ion:244 Resp: 960331
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 5.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 3677
 Delta R.T. 0.006 min
 Lab File: BG053896.D
 Acq: 13 Jun 2022 16:19

Tgt Ion:264 Resp: 211694
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.2 17.4 26.2

