

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053408.D
 Acq On : 2 May 2022 20:52
 Operator : CG/JU
 Sample : N2619-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS04-1.5-2.5-FT

Quant Time: May 03 06:43:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	26050	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	101264	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	77042	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	196964	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	199051	20.000	ng	-0.01
86) Perylene-d12	25.041	264	203240	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	205933	135.511	ng	0.00
7) Phenol-d6	7.265	99	334686	142.815	ng	0.00
23) Nitrobenzene-d5	9.262	82	242376	97.185	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	117599	95.944	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	526358	94.208	ng	0.00
79) Terphenyl-d14	20.071	244	1034774	87.798	ng	-0.01

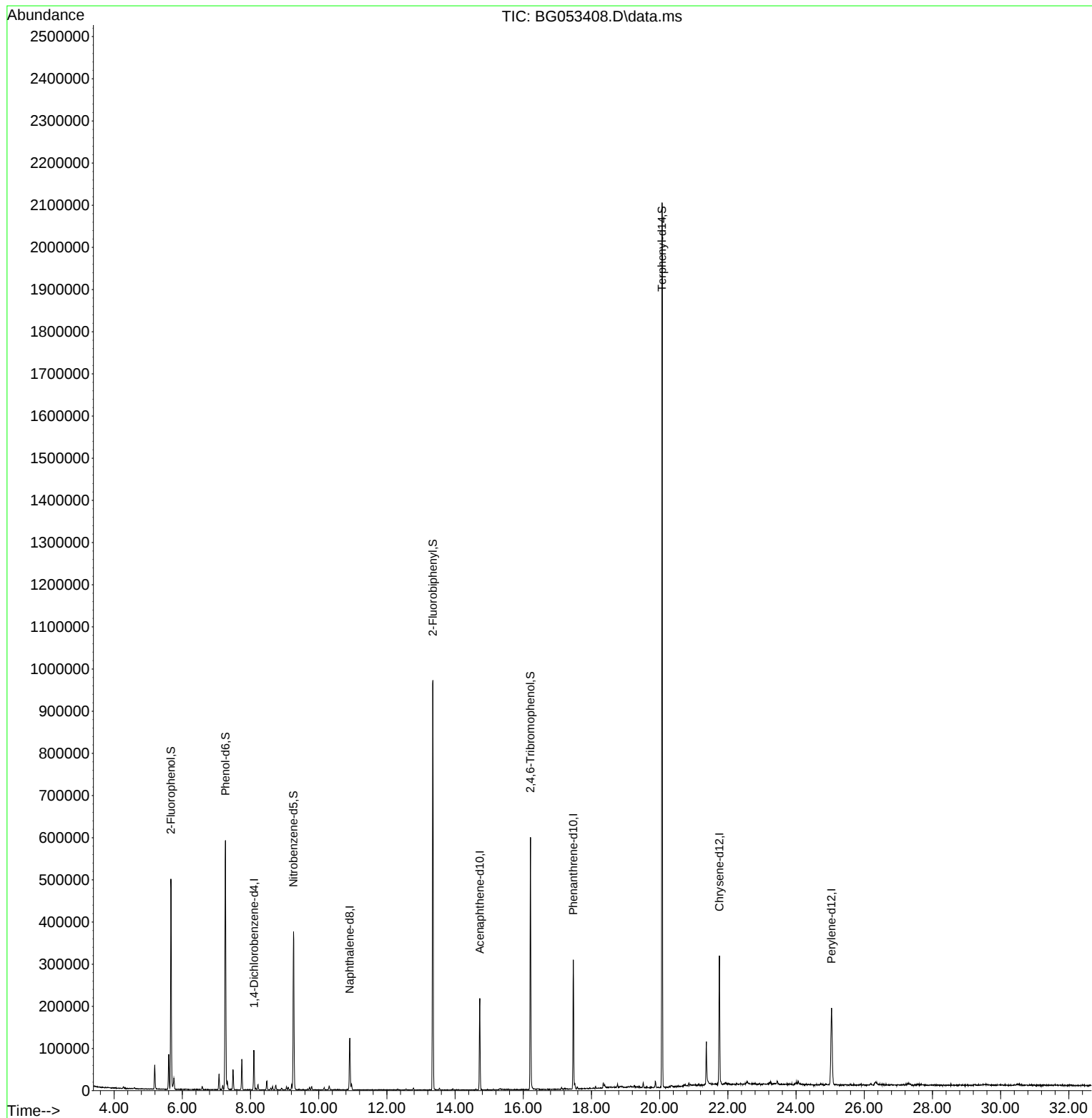
Target Compounds	Qvalue

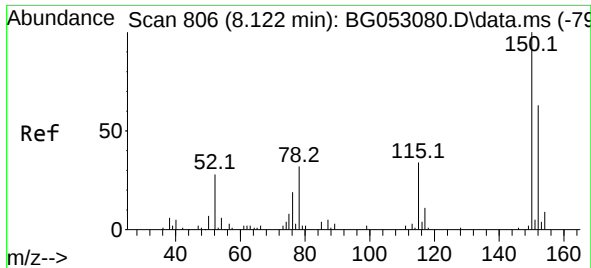
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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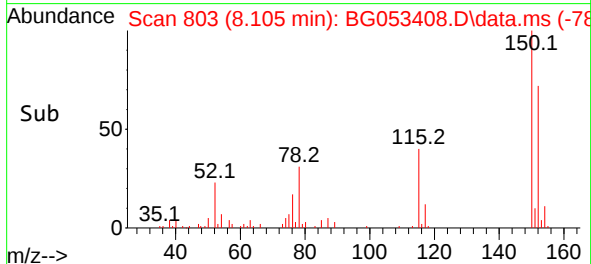
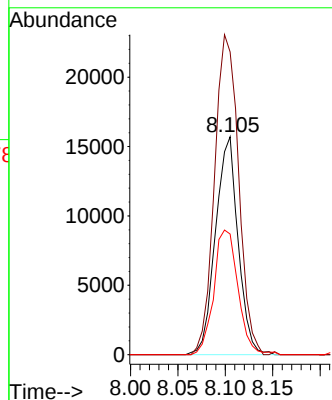
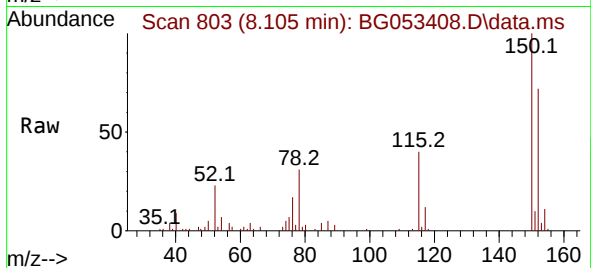




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

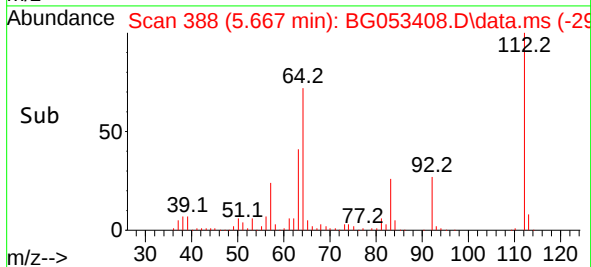
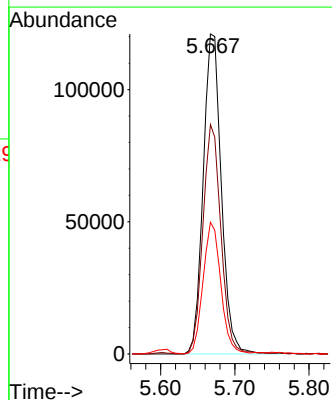
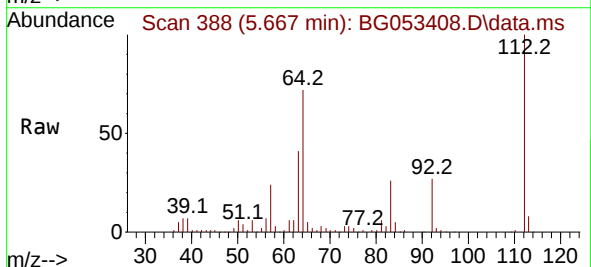
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

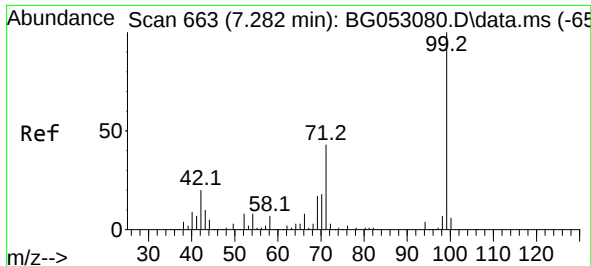
Tgt Ion:152 Resp: 26050
Ion Ratio Lower Upper
152 100
150 139.0 114.6 172.0
115 55.4 45.9 68.9



#5
2-Fluorophenol
Concen: 135.511 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:112 Resp: 205933
Ion Ratio Lower Upper
112 100
64 71.7 48.0 72.0
63 41.1 26.5 39.7#

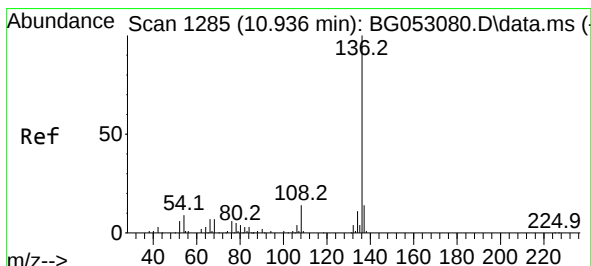
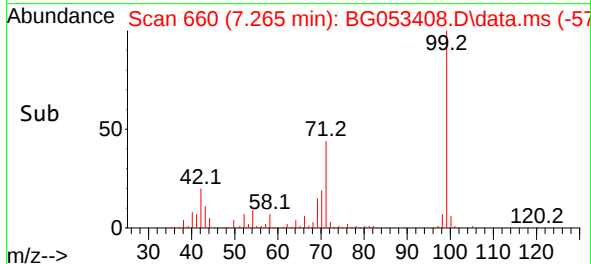
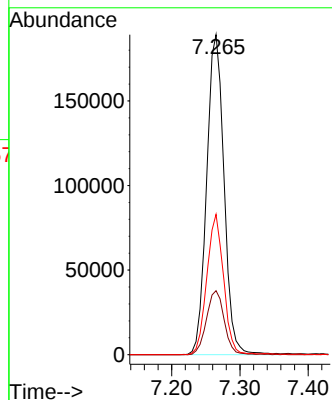
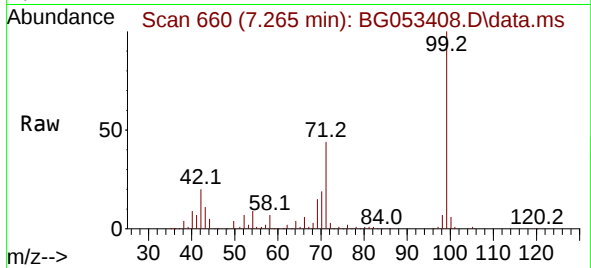




#7
Phenol-d6
Concen: 142.815 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

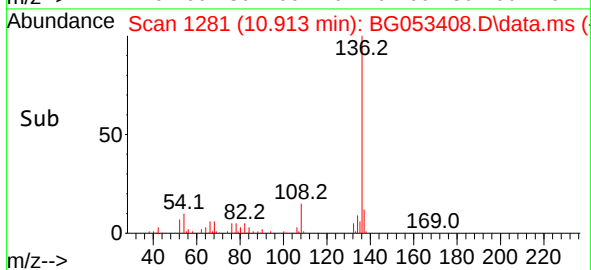
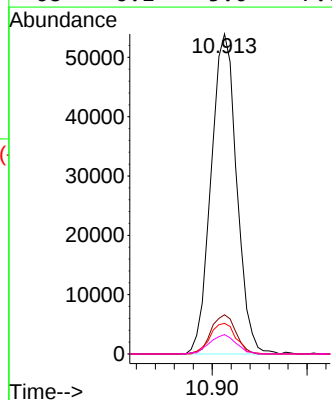
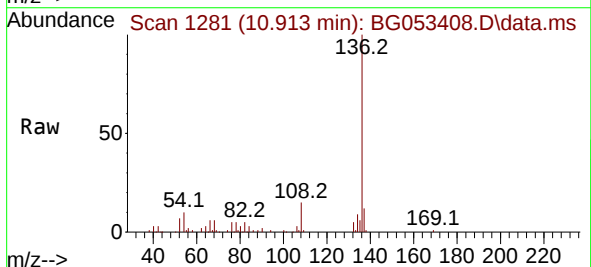
Instrument :
BNA_G
ClientSampleId :
SS04-1.5-2.5-FT

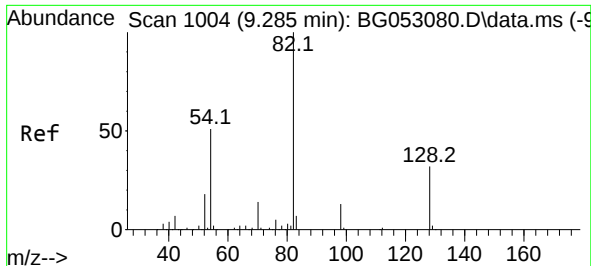
Tgt Ion: 99 Resp: 334686
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 43.8 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1281
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:136 Resp: 101264
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 9.5 6.4 9.6
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 97.185 ng

RT: 9.262 min Scan# 1000

Delta R.T. -0.014 min

Lab File: BG053408.D

Acq: 2 May 2022 20:52

Instrument :

BNA_G

ClientSampleId :

SS04-1.5-2.5-FT

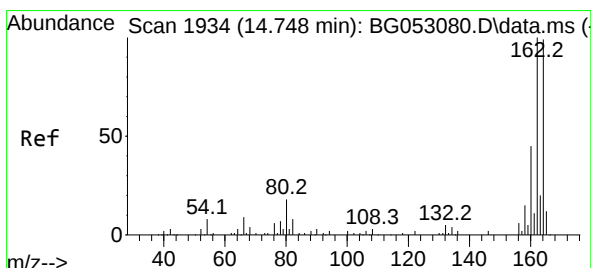
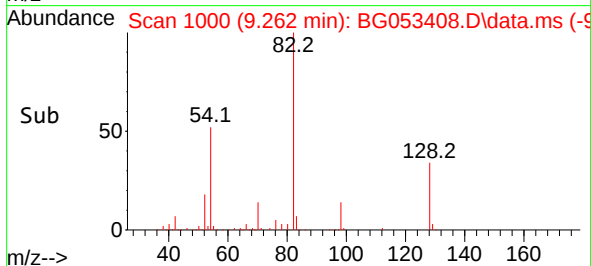
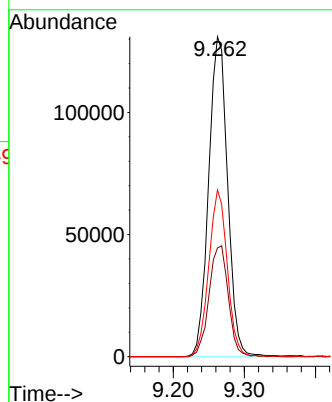
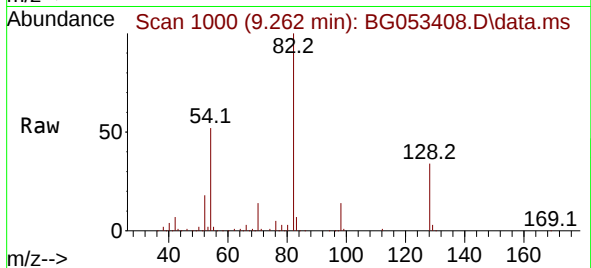
Tgt Ion: 82 Resp: 242376

Ion Ratio Lower Upper

82 100

128 34.0 31.3 46.9

54 52.1 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.725 min Scan# 1930

Delta R.T. -0.009 min

Lab File: BG053408.D

Acq: 2 May 2022 20:52

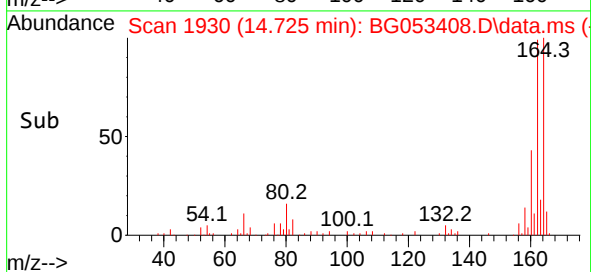
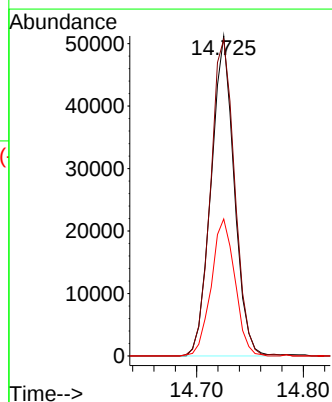
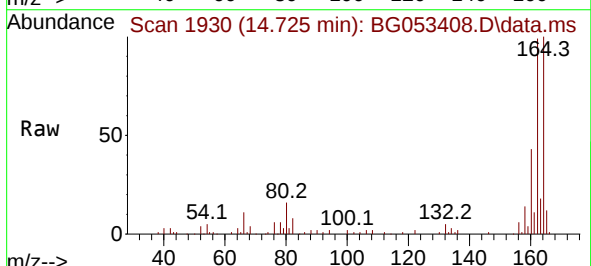
Tgt Ion:164 Resp: 77042

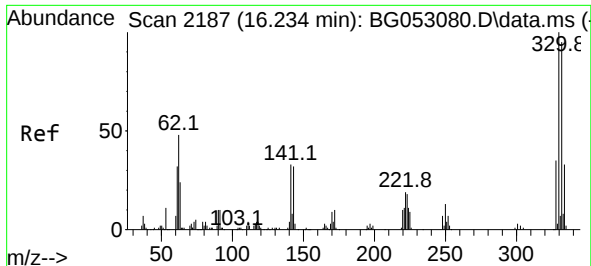
Ion Ratio Lower Upper

164 100

162 98.9 80.0 120.0

160 42.8 38.8 58.2

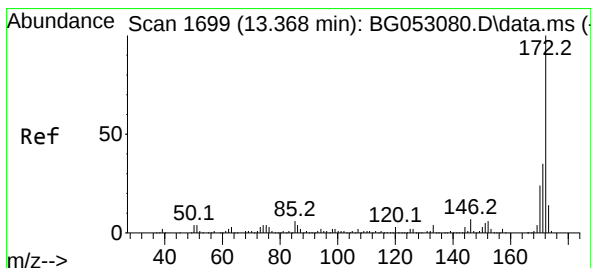
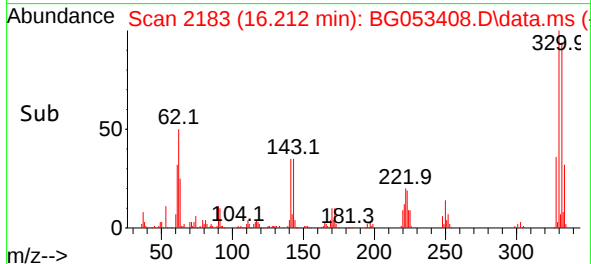
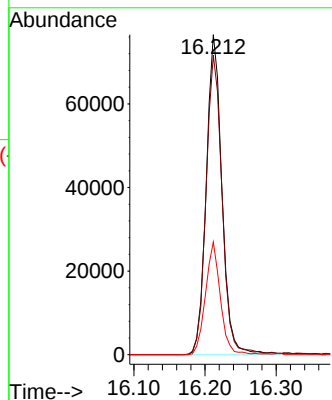
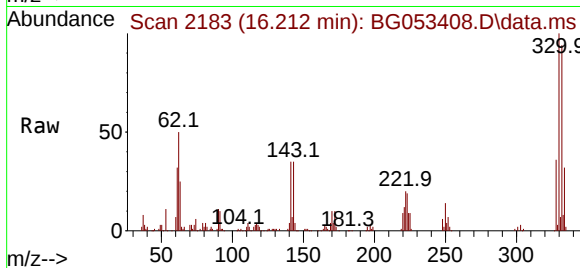




#42
2,4,6-Tribromophenol
Concen: 95.944 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

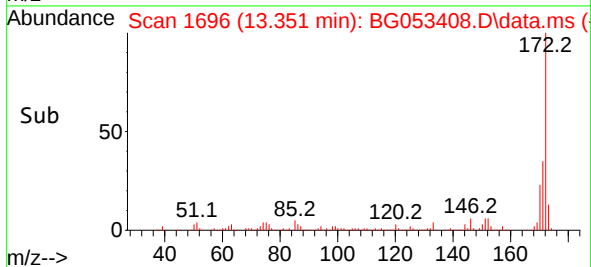
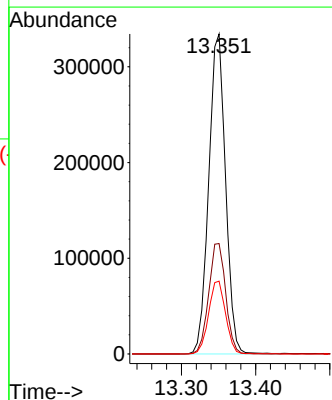
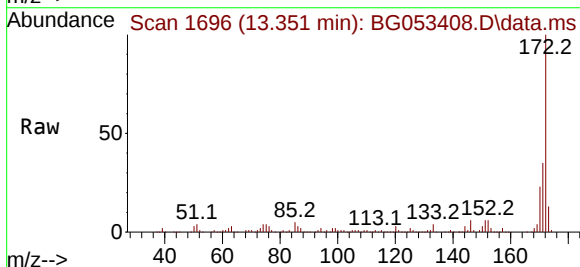
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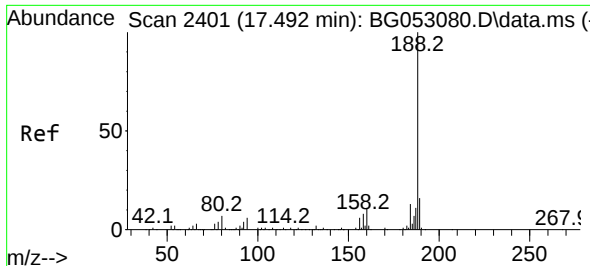
Tgt Ion:330 Resp: 117599
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.6
141 33.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 94.208 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.009 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:172 Resp: 526358
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.7 18.0 27.0

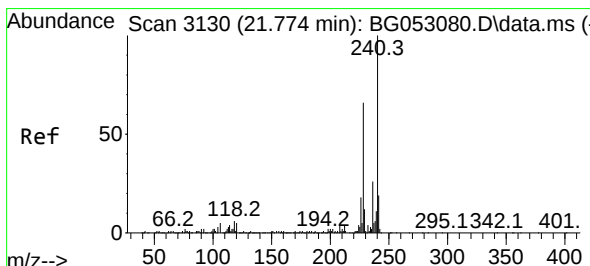
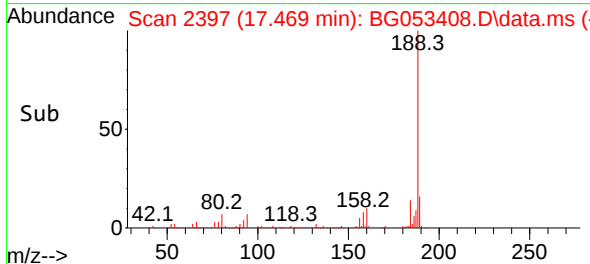
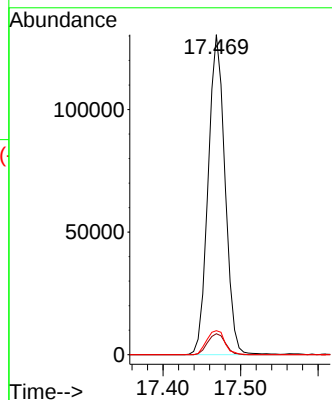
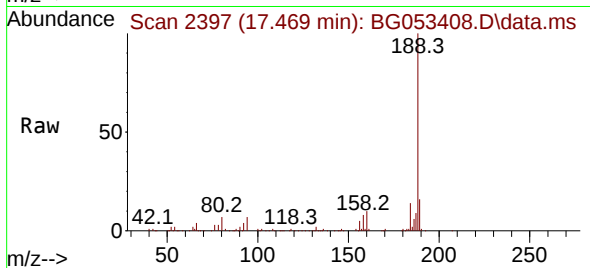




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

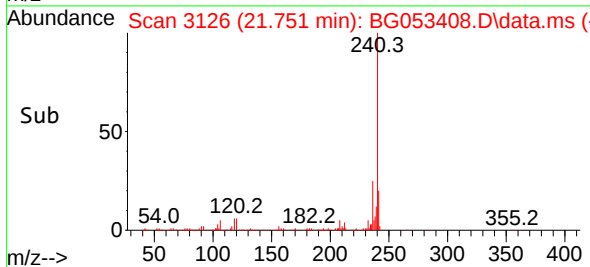
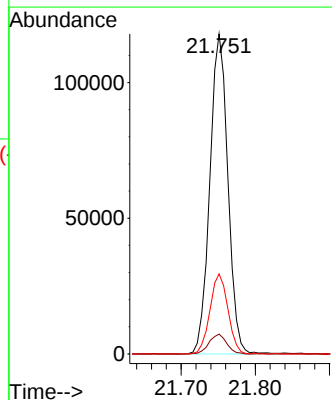
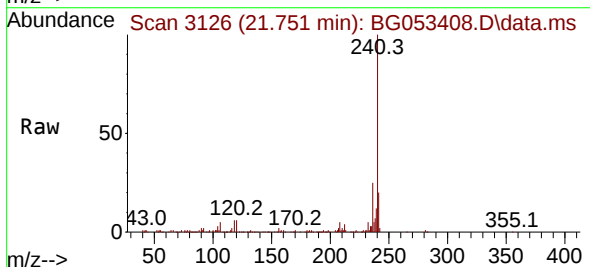
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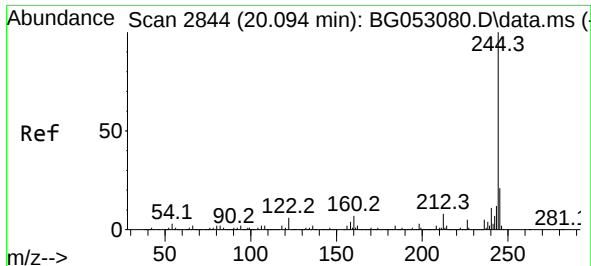
Tgt Ion:188 Resp: 196964
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 7.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053408.D
Acq: 2 May 2022 20:52

Tgt Ion:240 Resp: 199051
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 25.0 19.8 29.6

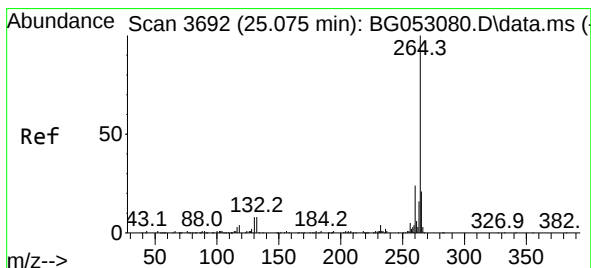
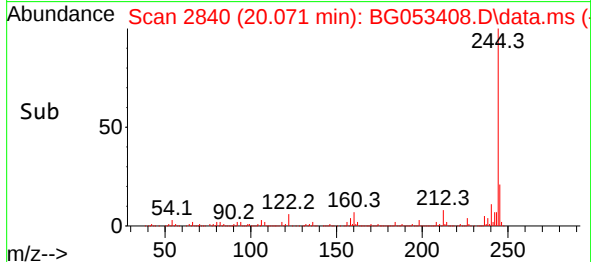
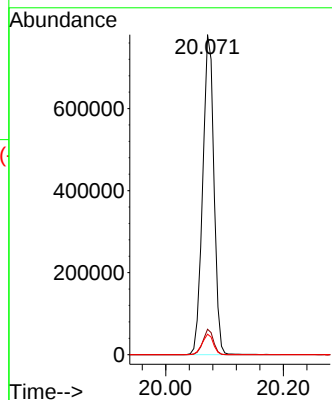
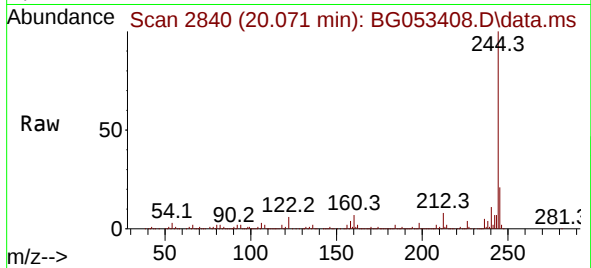




#79
 Terphenyl-d14
 Concen: 87.798 ng
 RT: 20.071 min Scan# 2840
 Delta R.T. -0.014 min
 Lab File: BG053408.D
 Acq: 2 May 2022 20:52

Instrument :
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 SS04-1.5-2.5-FT

Tgt Ion:244 Resp: 1034774
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.041 min Scan# 3686
 Delta R.T. -0.020 min
 Lab File: BG053408.D
 Acq: 2 May 2022 20:52

Tgt Ion:264 Resp: 203240
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.2
 265 22.2 15.1 22.7

