

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093022\
 Data File : BG055042.D
 Acq On : 30 Sep 2022 15:56
 Operator : CG/JU
 Sample : N4912-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11939

Quant Time: Oct 01 02:12:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 15:43:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	29270	20.000	ng	0.00
21) Naphthalene-d8	11.179	136	124298	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	88605	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	209583	20.000	ng	0.00
76) Chrysene-d12	21.978	240	212182	20.000	ng	#-0.02
86) Perylene-d12	25.438	264	229417	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	210015	137.543	ng	0.00
7) Phenol-d6	7.471	99	282614	139.502	ng	0.00
23) Nitrobenzene-d5	9.516	82	155486	80.713	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	129228	128.533	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	409330	72.719	ng	0.00
79) Terphenyl-d14	20.262	244	782191	76.871	ng	0.00

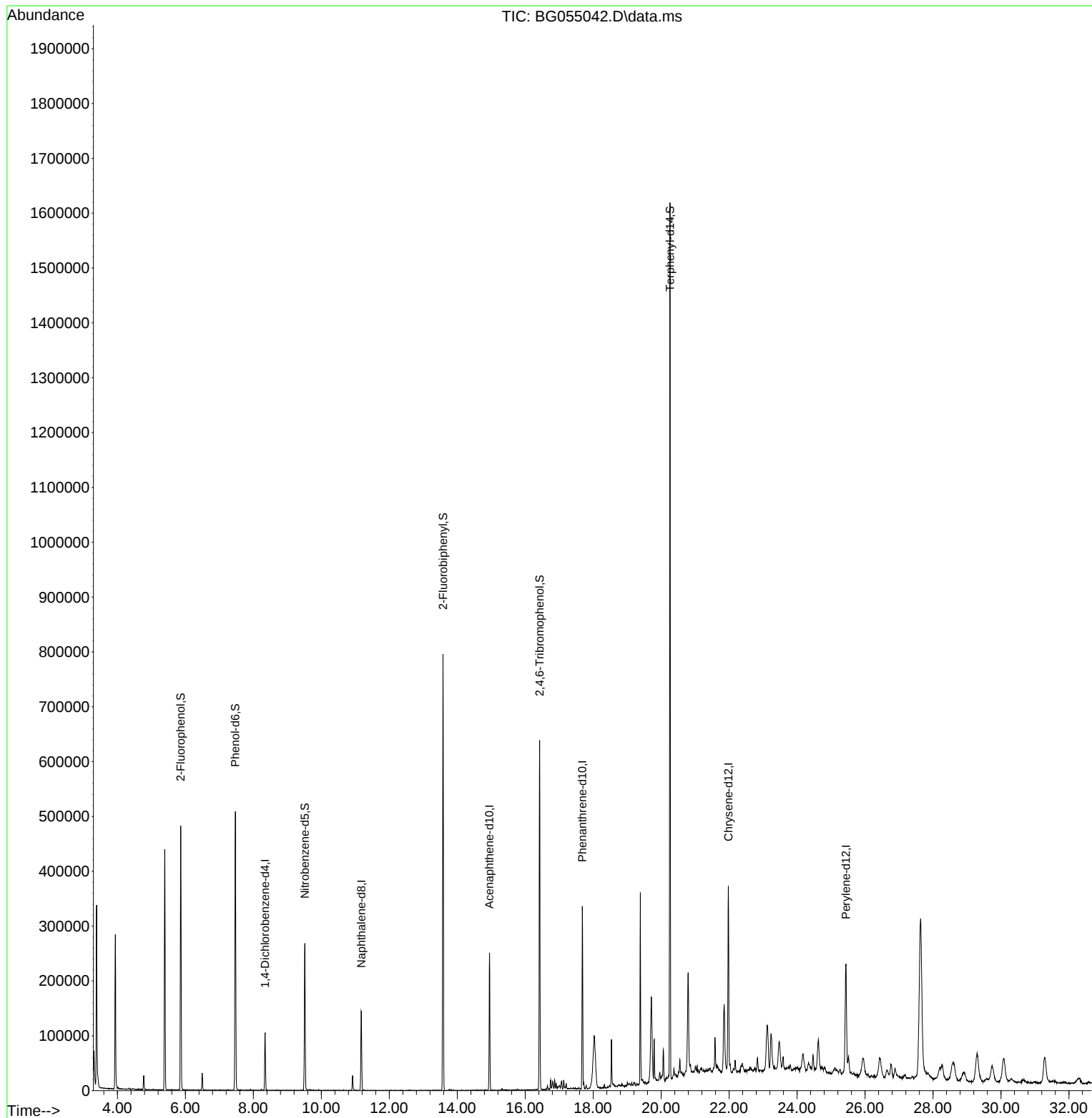
Target Compounds	Qvalue

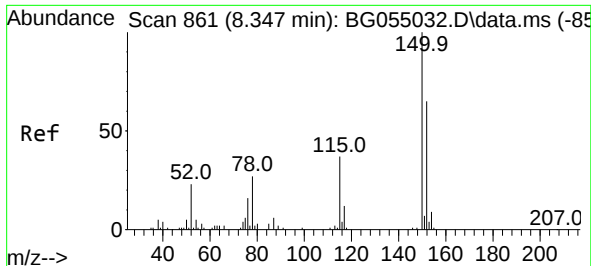
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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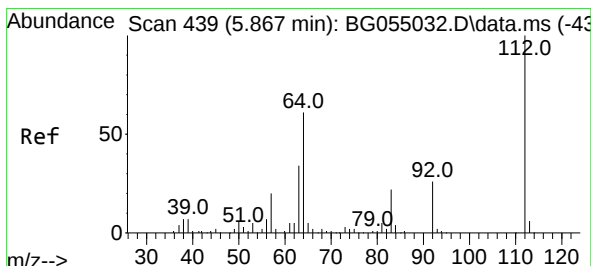
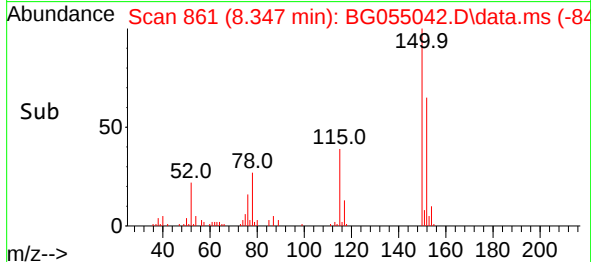
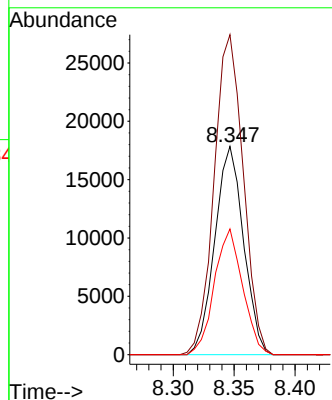
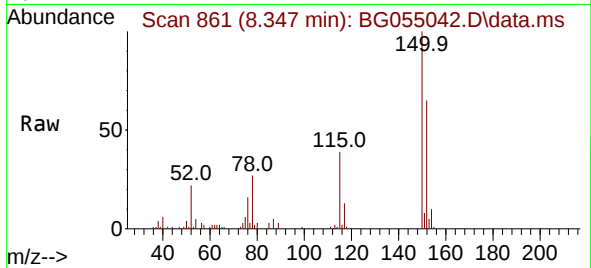




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.347 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

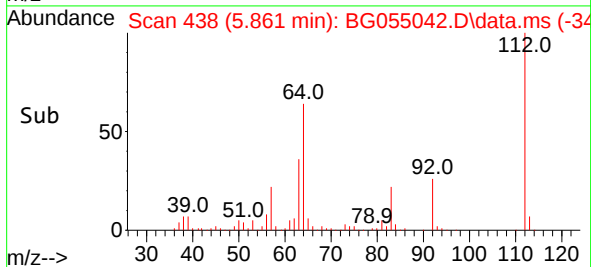
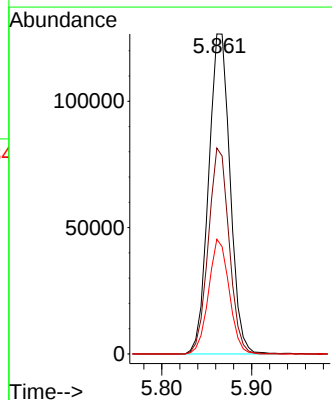
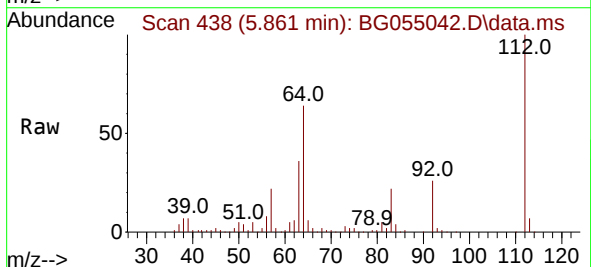
Instrument :
BNA_G
ClientSampleId :
72-11939

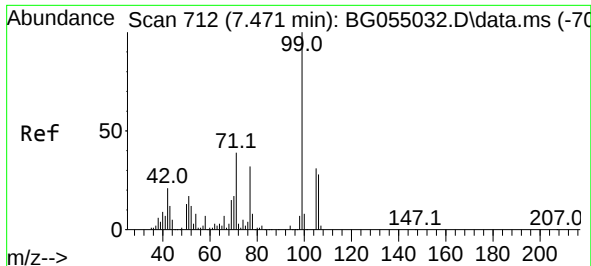
Tgt Ion:152 Resp: 29270
Ion Ratio Lower Upper
152 100
150 153.7 125.2 187.8
115 60.4 47.9 71.9



#5
2-Fluorophenol
Concen: 137.543 ng
RT: 5.861 min Scan# 438
Delta R.T. -0.006 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Tgt Ion:112 Resp: 210015
Ion Ratio Lower Upper
112 100
64 64.4 49.3 73.9
63 35.8 26.3 39.5



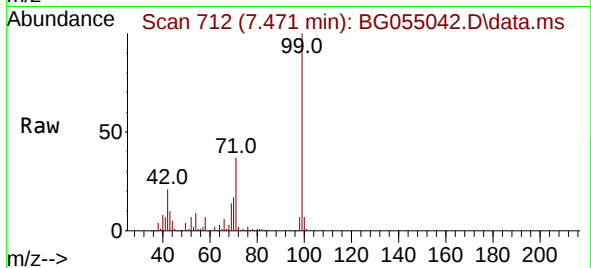


#7
Phenol-d6
Concen: 139.502 ng
RT: 7.471 min Scan# 712
Delta R.T. -0.000 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Instrument :

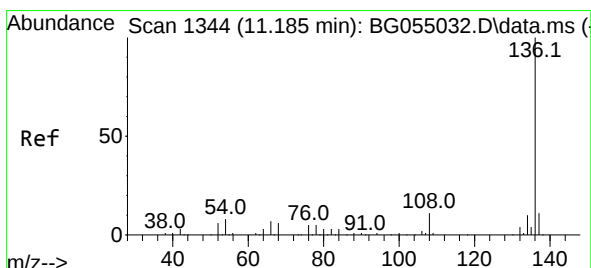
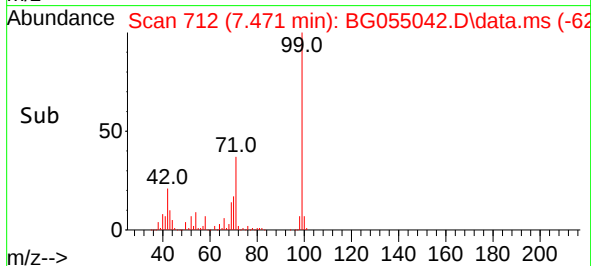
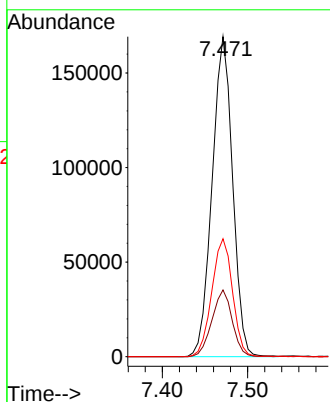
BNA_G

ClientSampleId :
72-11939



Tgt Ion: 99 Resp: 282614

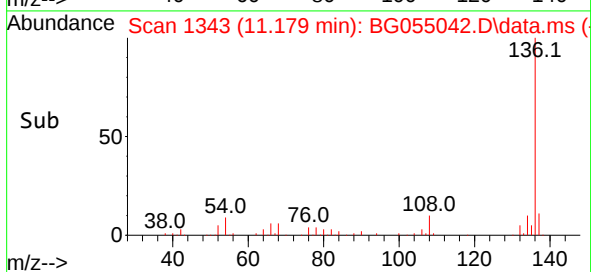
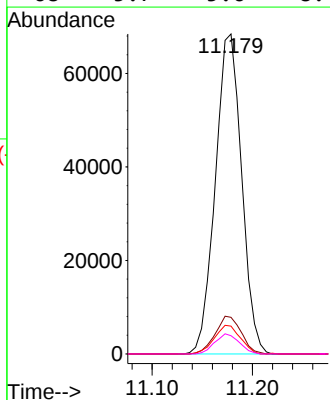
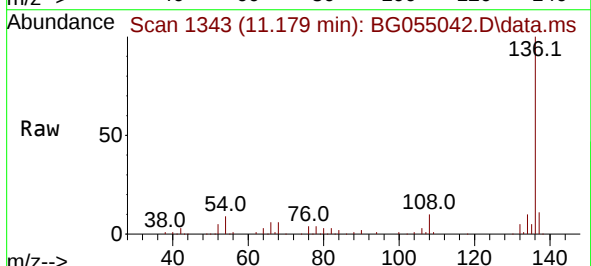
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.6	22.0
71	36.9	24.6	37.0

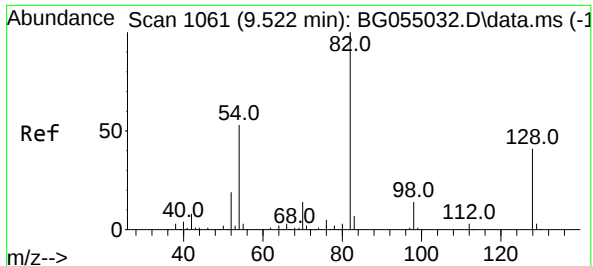


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Tgt Ion: 136 Resp: 124298

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.7	7.7	11.5
68	5.7	5.6	8.4





#23

Nitrobenzene-d5

Concen: 80.713 ng

RT: 9.516 min Scan# 1060

Delta R.T. -0.006 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

Instrument :

BNA_G

ClientSampleId :

72-11939

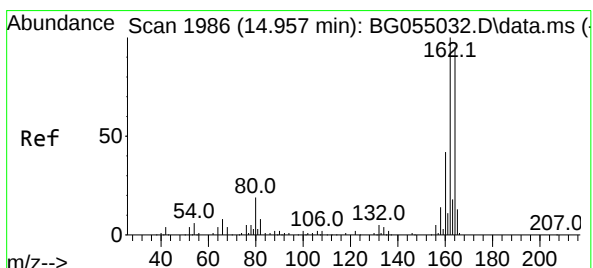
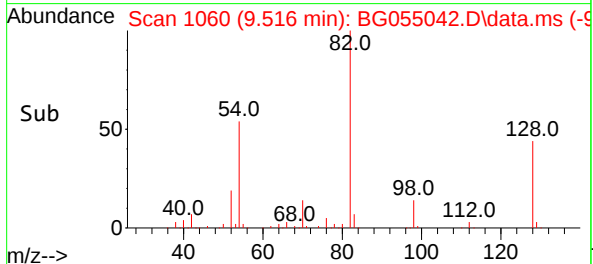
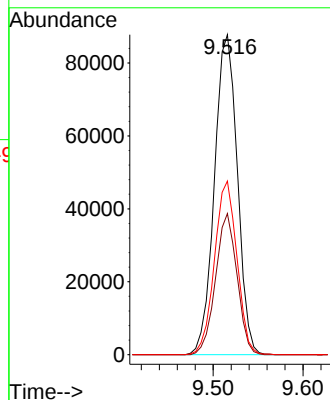
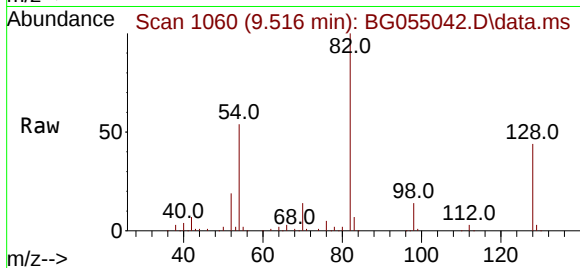
Tgt Ion: 82 Resp: 155486

Ion Ratio Lower Upper

82 100

128 44.1 32.2 48.2

54 54.3 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.951 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BG055042.D

Acq: 30 Sep 2022 15:56

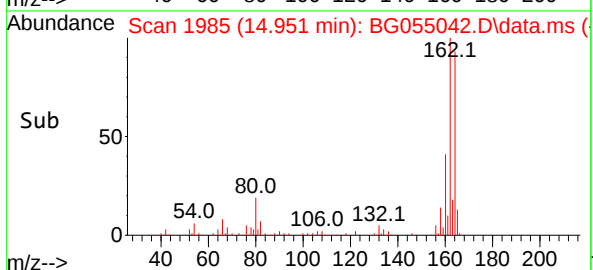
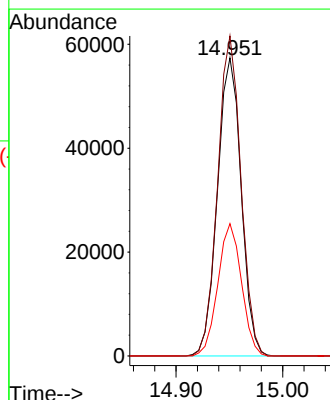
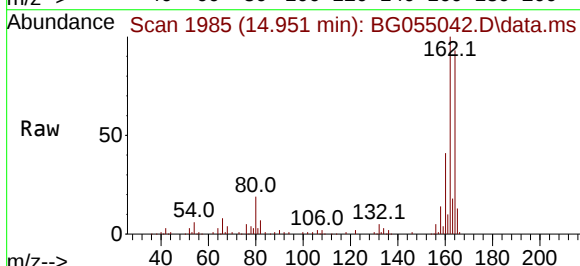
Tgt Ion:164 Resp: 88605

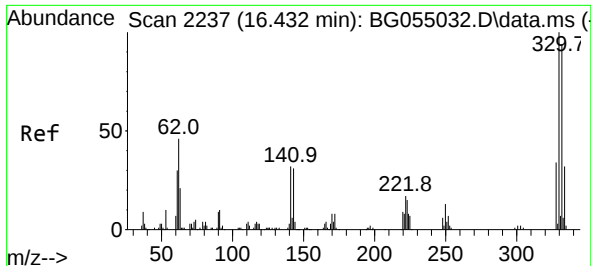
Ion Ratio Lower Upper

164 100

162 107.3 83.0 124.4

160 44.4 38.0 57.0

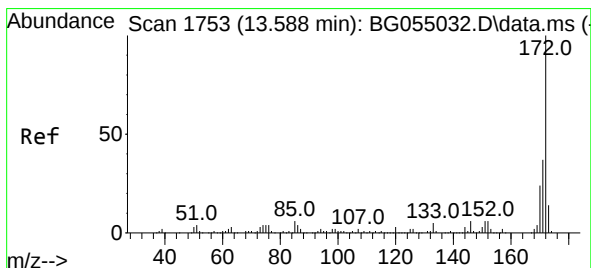
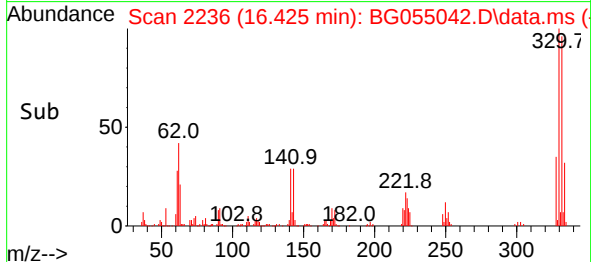
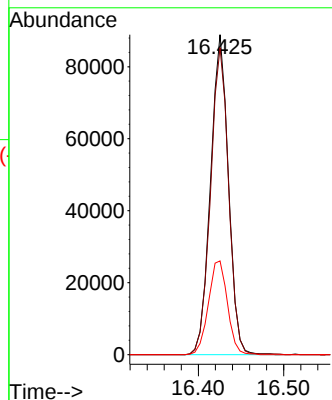
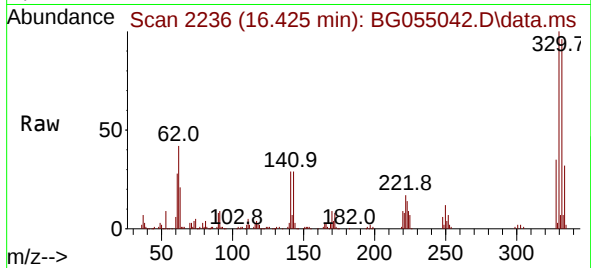




#42
 2,4,6-Tribromophenol
 Concen: 128.533 ng
 RT: 16.425 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055042.D
 Acq: 30 Sep 2022 15:56

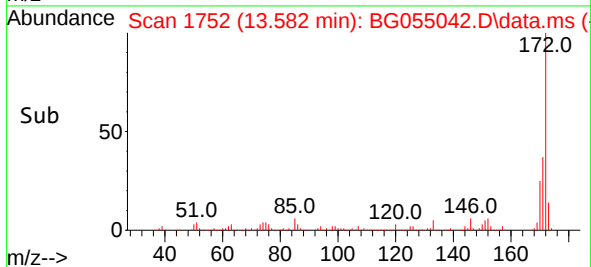
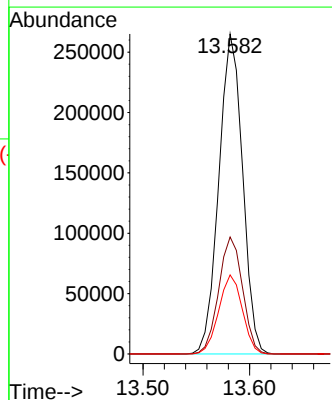
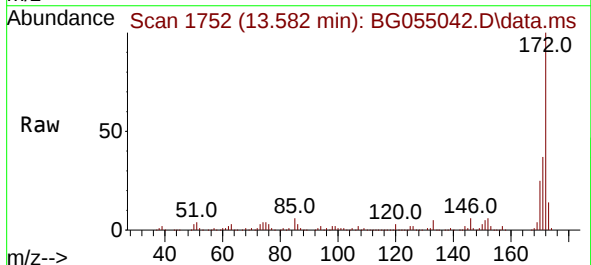
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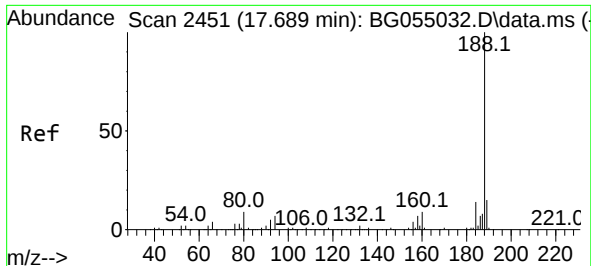
Tgt Ion:330 Resp: 129228
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.8 119.6
 141 31.2 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 72.719 ng
 RT: 13.582 min Scan# 1752
 Delta R.T. -0.006 min
 Lab File: BG055042.D
 Acq: 30 Sep 2022 15:56

Tgt Ion:172 Resp: 409330
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.2 46.8
 170 24.7 20.6 30.8

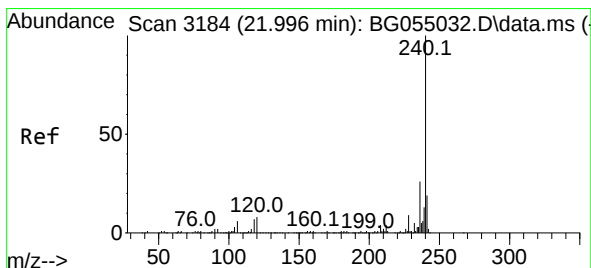
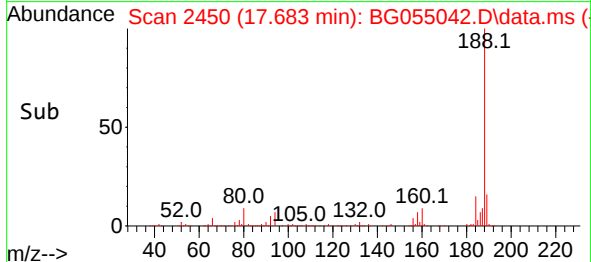
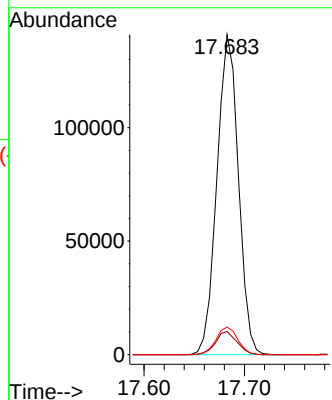
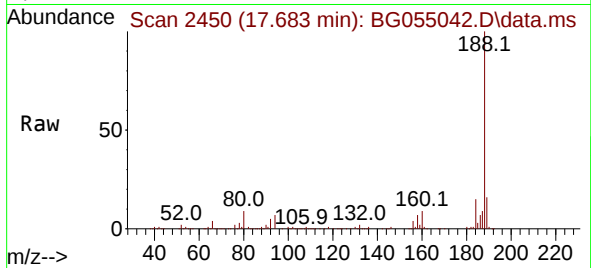




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

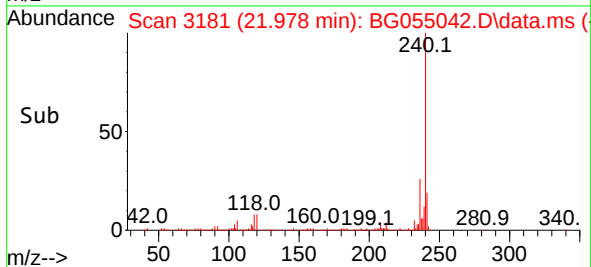
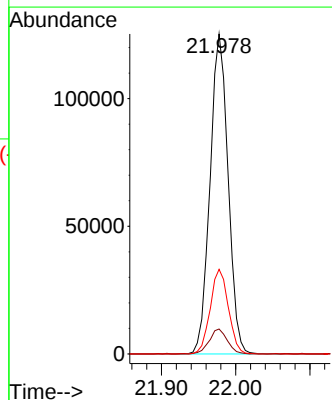
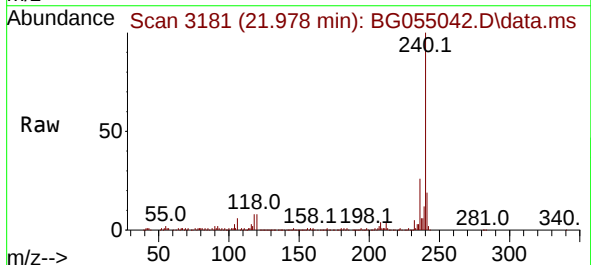
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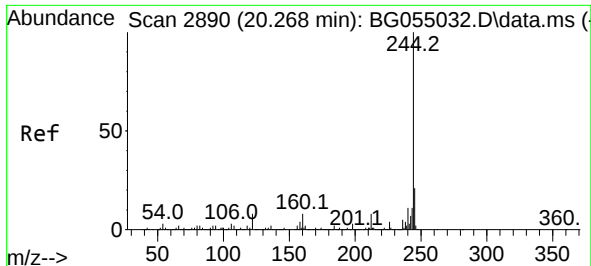
Tgt Ion:188 Resp: 209583
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 8.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.978 min Scan# 3181
Delta R.T. -0.018 min
Lab File: BG055042.D
Acq: 30 Sep 2022 15:56

Tgt Ion:240 Resp: 212182
Ion Ratio Lower Upper
240 100
120 7.8 8.2 12.4#
236 26.5 21.2 31.8

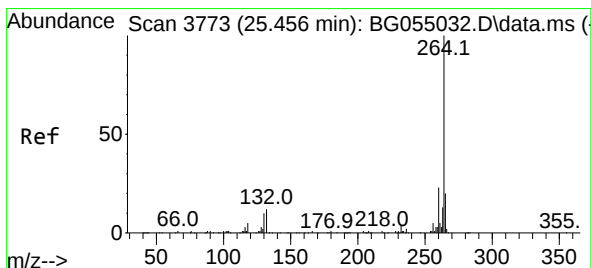
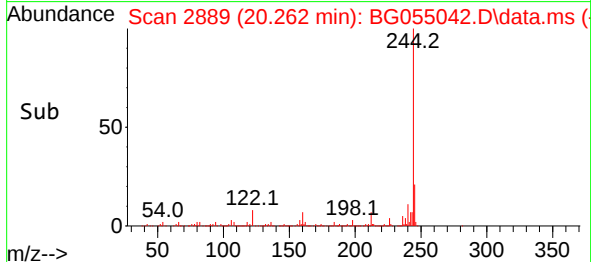
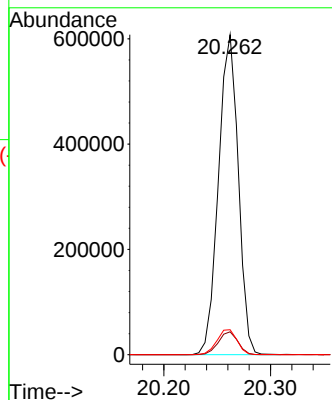
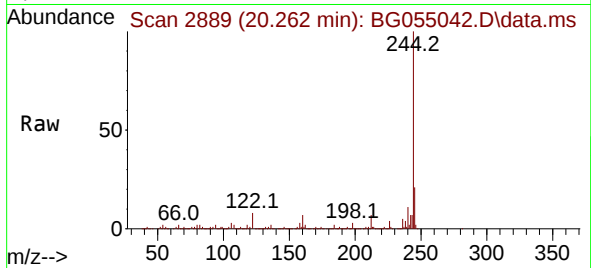




#79
 Terphenyl-d14
 Concen: 76.871 ng
 RT: 20.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055042.D
 Acq: 30 Sep 2022 15:56

Instrument :
 BNA_G
 ClientSampleId :
 72-11939

Tgt Ion:244 Resp: 782191
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 7.8 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.438 min Scan# 3770
 Delta R.T. -0.018 min
 Lab File: BG055042.D
 Acq: 30 Sep 2022 15:56

Tgt Ion:264 Resp: 229417
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.9 29.9
 265 21.3 16.9 25.3

