

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053009.D
 Acq On : 4 Apr 2022 15:50
 Operator : CG/JU
 Sample : N2229-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AQUEOUS-DRUM

Quant Time: Apr 05 01:06:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	34190	20.000	ng	-0.02
21) Naphthalene-d8	10.937	136	128122	20.000	ng	#-0.02
39) Acenaphthene-d10	14.749	164	87671	20.000	ng	-0.02
64) Phenanthrene-d10	17.487	188	203281	20.000	ng	-0.02
76) Chrysene-d12	21.775	240	229747	20.000	ng	-0.02
86) Perylene-d12	25.071	264	254470	20.000	ng	#-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	128199	65.300	ng	0.00
7) Phenol-d6	7.277	99	114738	38.766	ng	-0.01
23) Nitrobenzene-d5	9.286	82	265234	103.902	ng	-0.02
42) 2,4,6-Tribromophenol	16.230	330	175700	149.143	ng	-0.02
45) 2-Fluorobiphenyl	13.375	172	530198	89.193	ng	-0.02
79) Terphenyl-d14	20.095	244	979757	75.859	ng	-0.02

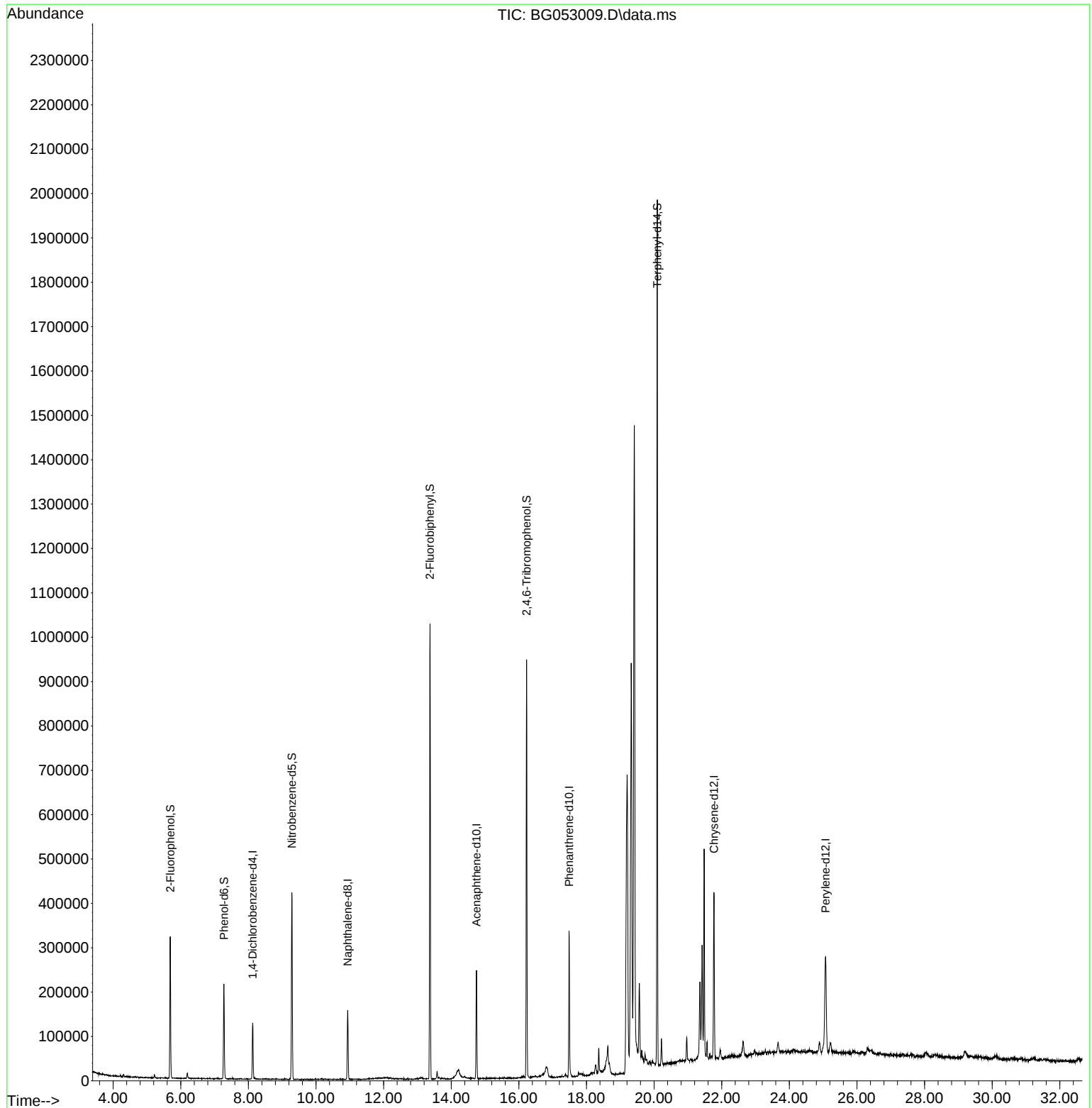
Target Compounds	Qvalue

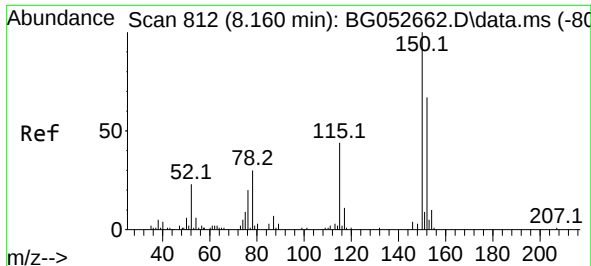
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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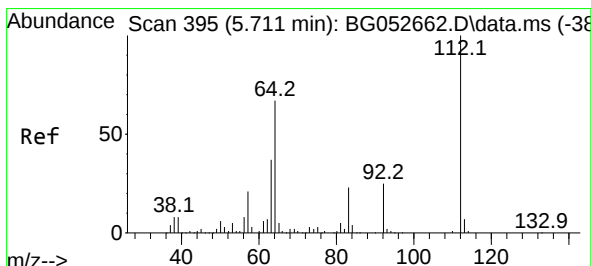
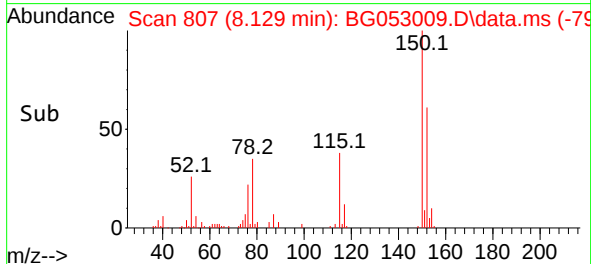
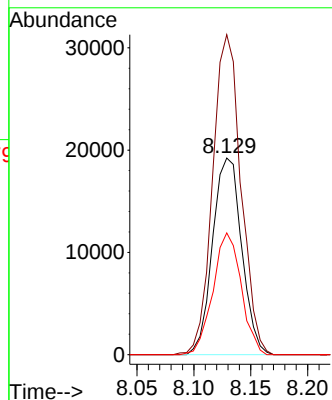
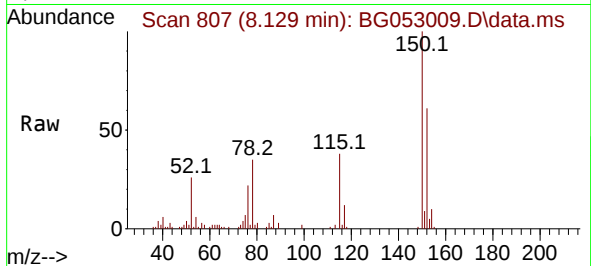




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

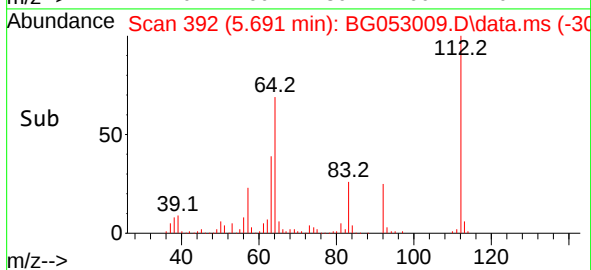
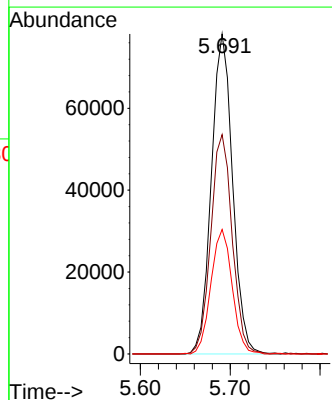
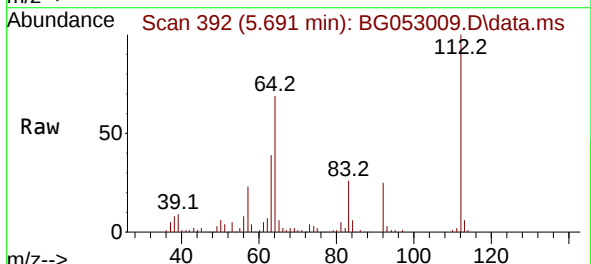
Instrument :
BNA_G
ClientSampleId :
AQUEOUS-DRUM

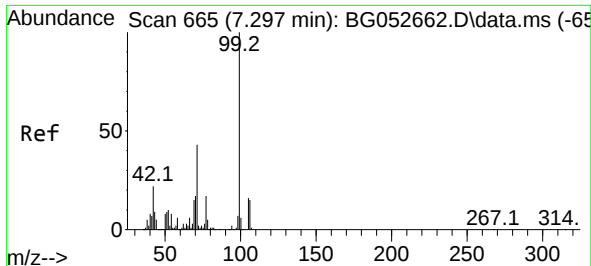
Tgt Ion:152 Resp: 34190
Ion Ratio Lower Upper
152 100
150 162.7 114.6 172.0
115 61.9 45.9 68.9



#5
2-Fluorophenol
Concen: 65.300 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion:112 Resp: 128199
Ion Ratio Lower Upper
112 100
64 68.6 48.0 72.0
63 38.9 26.5 39.7

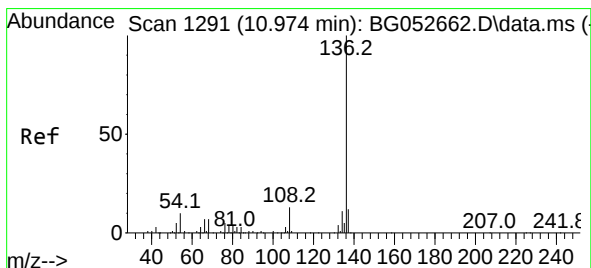
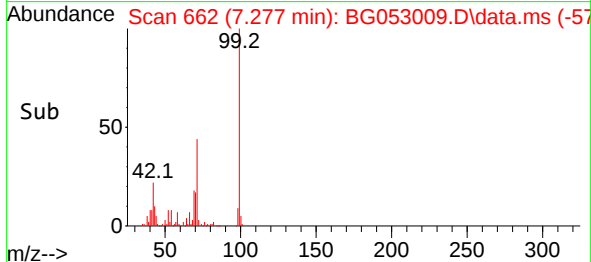
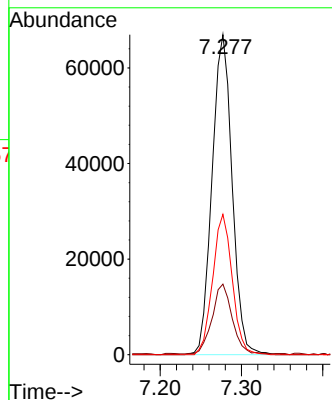
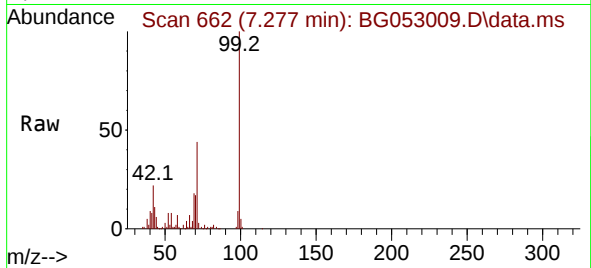




#7
Phenol-d6
Concen: 38.766 ng
RT: 7.277 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

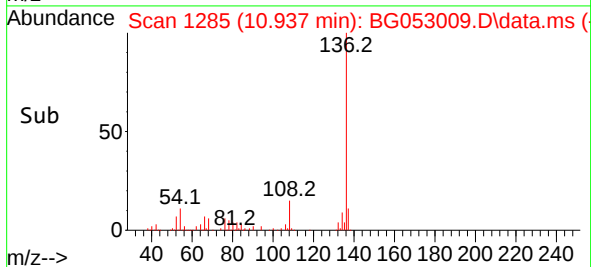
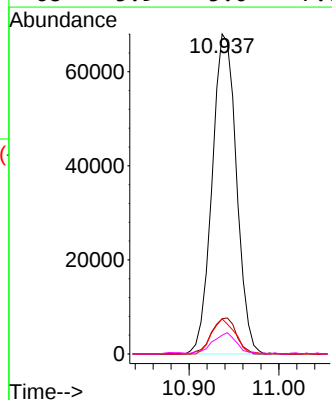
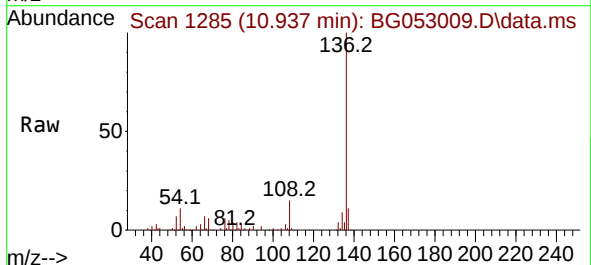
Instrument :
BNA_G
ClientSampleId :
AQUEOUS-DRUM

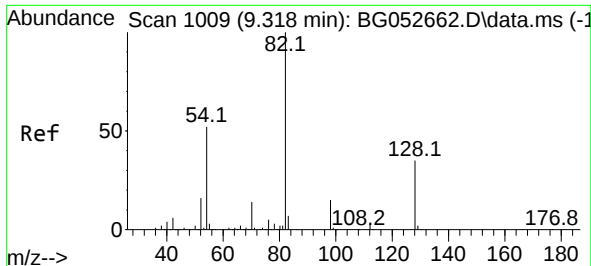
Tgt Ion: 99 Resp: 114738
Ion Ratio Lower Upper
99 100
42 22.1 14.7 22.1
71 43.9 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1285
Delta R.T. -0.023 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion: 136 Resp: 128122
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 11.0 6.4 9.6#
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 103.902 ng

RT: 9.286 min Scan# 1004

Delta R.T. -0.017 min

Lab File: BG053009.D

Acq: 4 Apr 2022 15:50

Instrument :

BNA_G

ClientSampleId :

AQUEOUS-DRUM

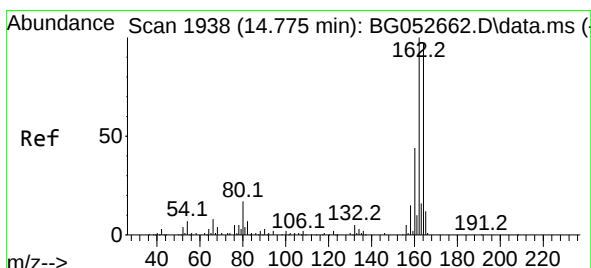
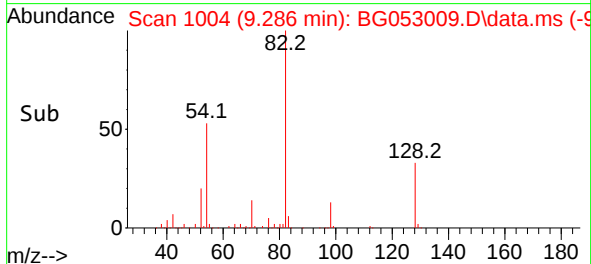
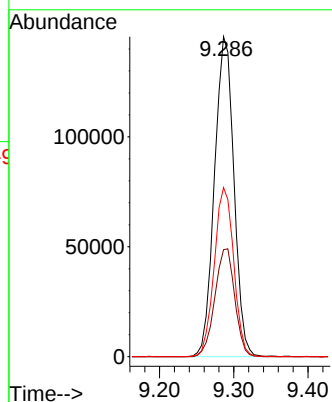
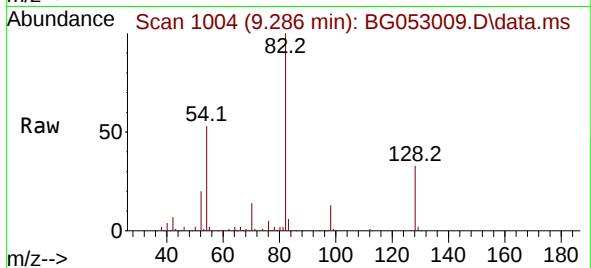
Tgt Ion: 82 Resp: 265234

Ion Ratio Lower Upper

82 100

128 33.5 31.3 46.9

54 52.9 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.749 min Scan# 1934

Delta R.T. -0.017 min

Lab File: BG053009.D

Acq: 4 Apr 2022 15:50

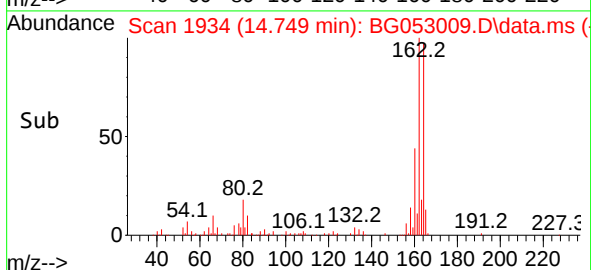
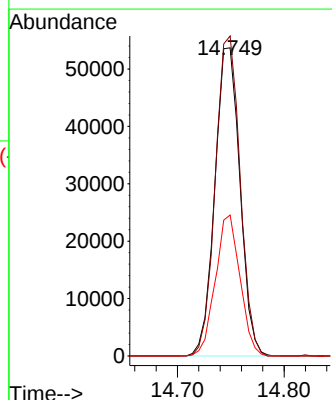
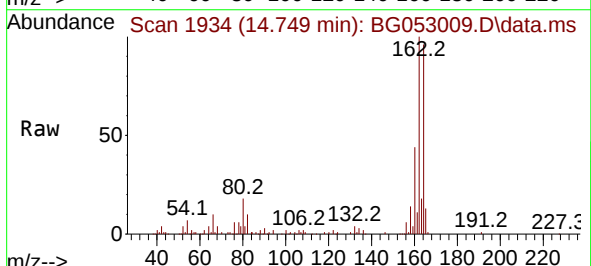
Tgt Ion: 164 Resp: 87671

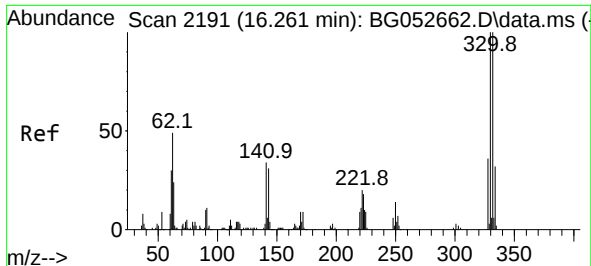
Ion Ratio Lower Upper

164 100

162 103.9 80.0 120.0

160 45.8 38.8 58.2

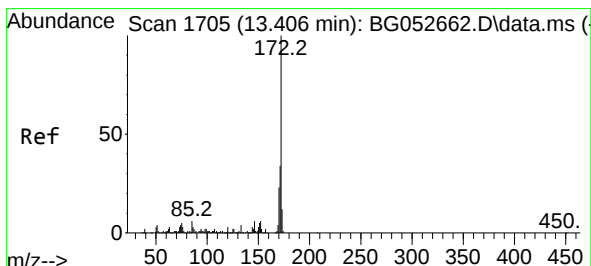
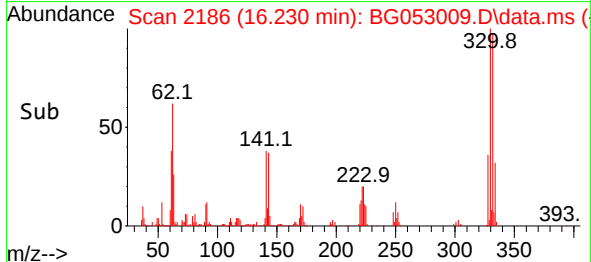
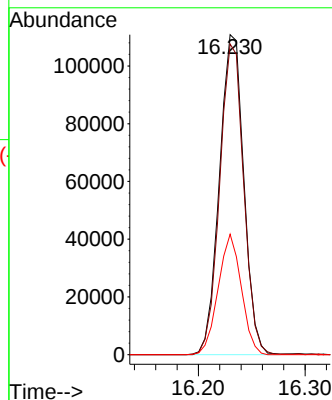
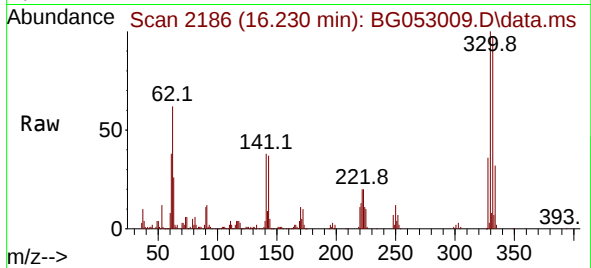




#42
2,4,6-Tribromophenol
Concen: 149.143 ng
RT: 16.230 min Scan# 2191
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

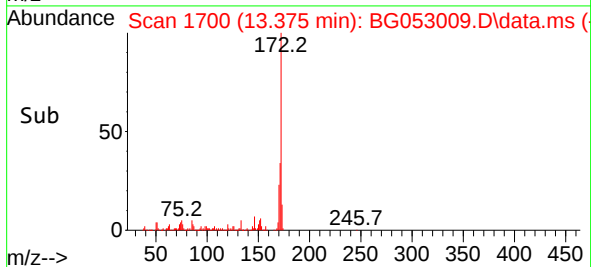
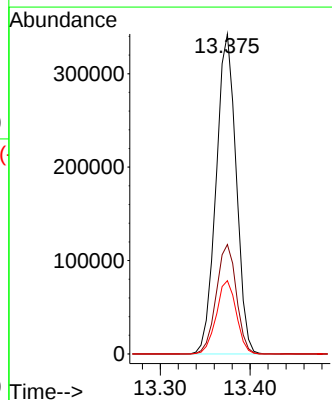
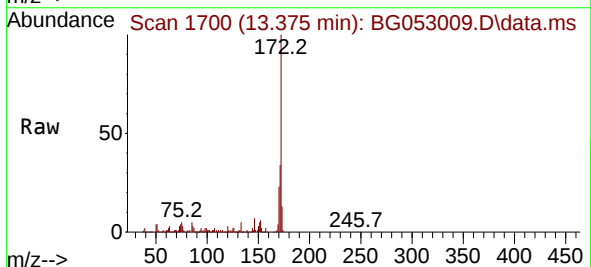
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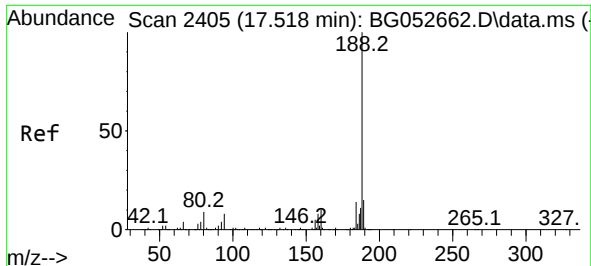
Tgt Ion:330 Resp: 175700
Ion Ratio Lower Upper
330 100
332 95.5 75.8 113.6
141 35.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 89.193 ng
RT: 13.375 min Scan# 1700
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion:172 Resp: 530198
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.9 18.0 27.0

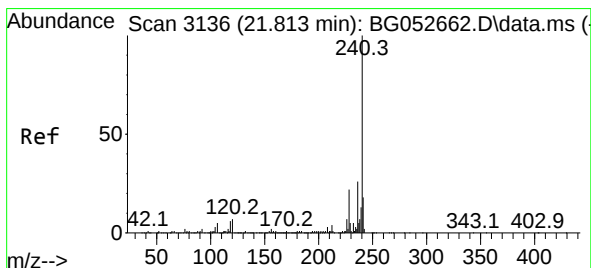
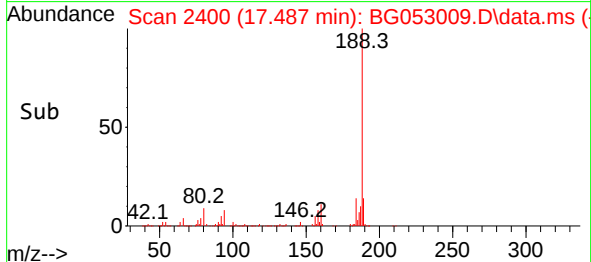
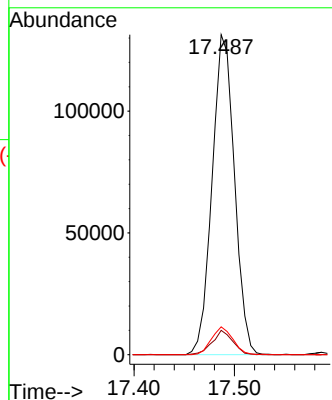
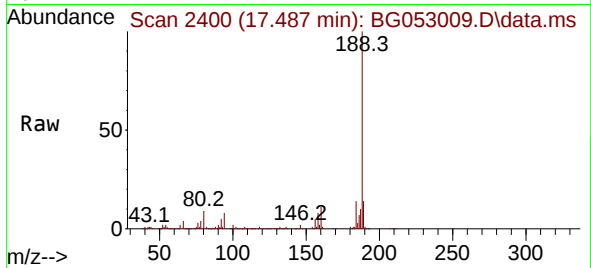




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 24
Delta R.T. -0.017 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

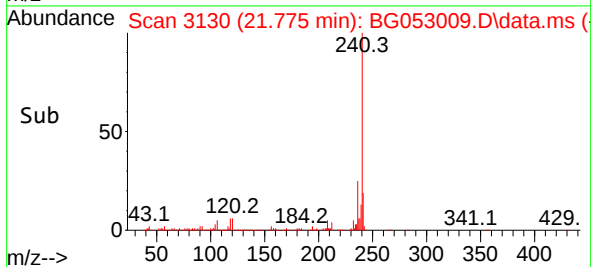
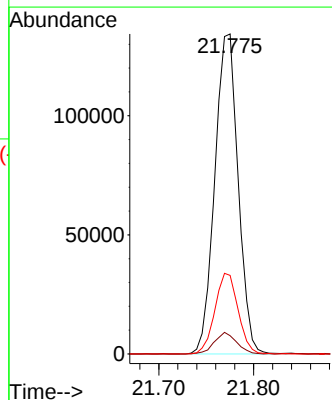
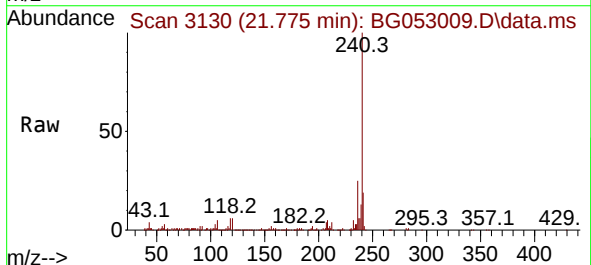
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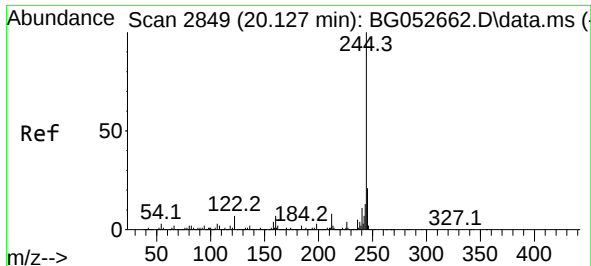
Tgt Ion:188 Resp: 203281
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. -0.023 min
Lab File: BG053009.D
Acq: 4 Apr 2022 15:50

Tgt Ion:240 Resp: 229747
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 24.6 19.8 29.6

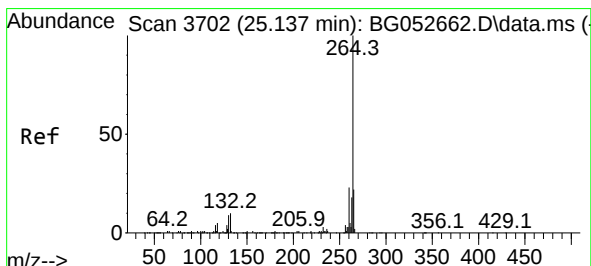
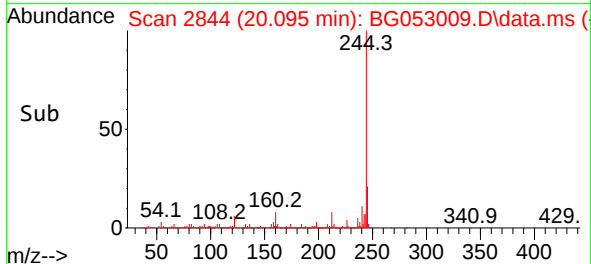
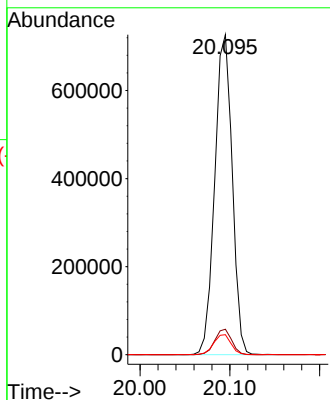
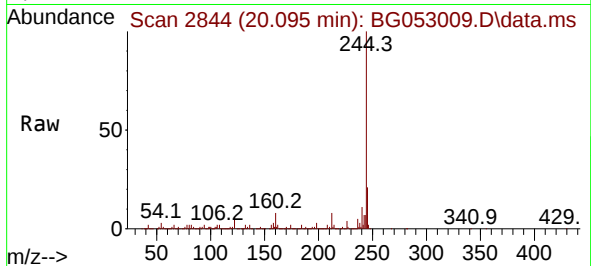




#79
 Terphenyl-d14
 Concen: 75.859 ng
 RT: 20.095 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG053009.D
 Acq: 4 Apr 2022 15:50

Instrument :
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Tgt Ion:244 Resp: 979757
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.071 min Scan# 3691
 Delta R.T. -0.041 min
 Lab File: BG053009.D
 Acq: 4 Apr 2022 15:50

Tgt Ion:264 Resp: 254470
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.2 27.2
 265 23.6 15.1 22.7#

