

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054242.D
 Acq On : 8 Jul 2022 11:44
 Operator : CG/JU
 Sample : PB146041TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146041TB

Quant Time: Jul 08 13:53:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 13:46:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	17718	20.000	ng	0.00
21) Naphthalene-d8	10.874	136	69644	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	59319	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	191697	20.000	ng	# 0.00
76) Chrysene-d12	21.708	240	228112	20.000	ng	0.00
86) Perylene-d12	24.963	264	232184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	101905	109.964	ng	0.00
7) Phenol-d6	7.231	99	141505	112.559	ng	0.00
23) Nitrobenzene-d5	9.223	82	92518	74.653	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	156408	164.111	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	312299	76.556	ng	0.00
79) Terphenyl-d14	20.039	244	986021	87.059	ng	0.00

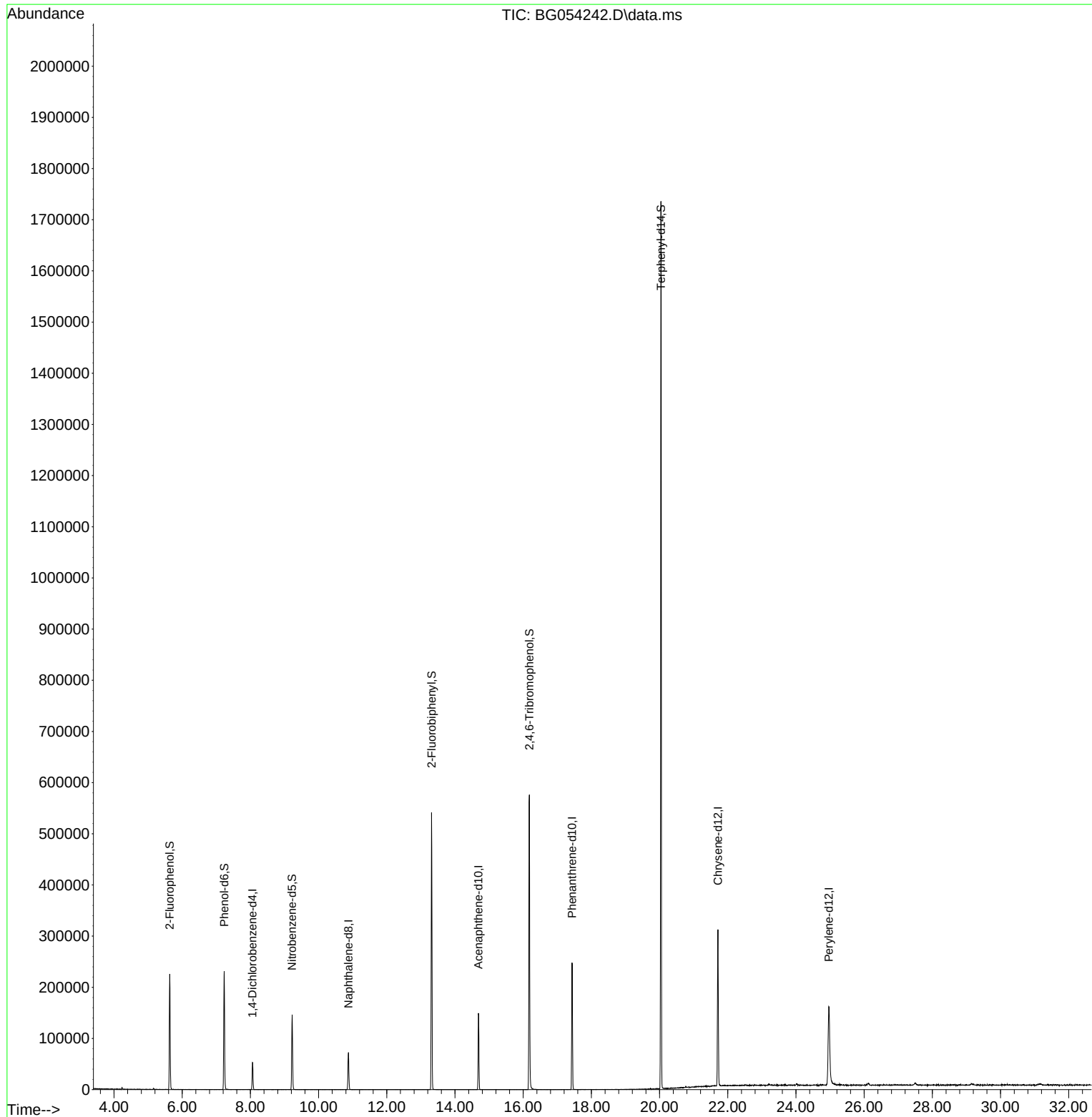
Target Compounds	Qvalue

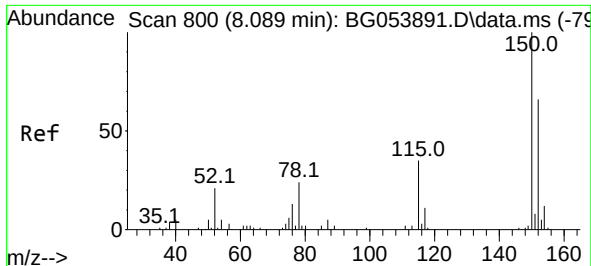
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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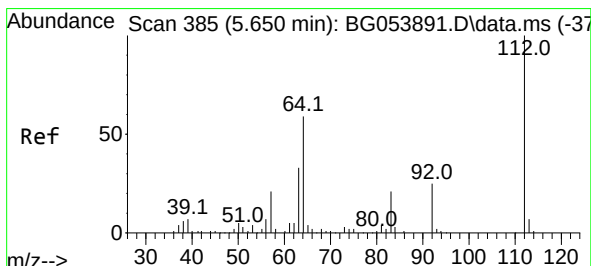
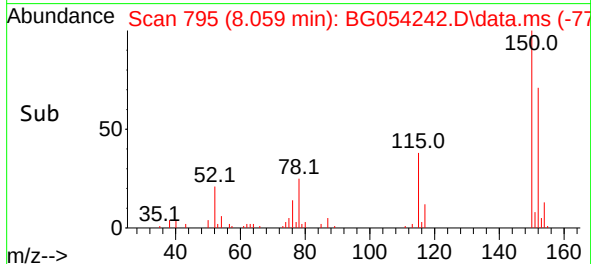
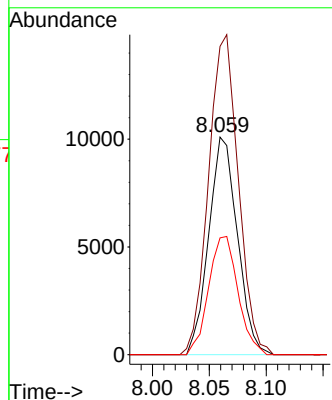
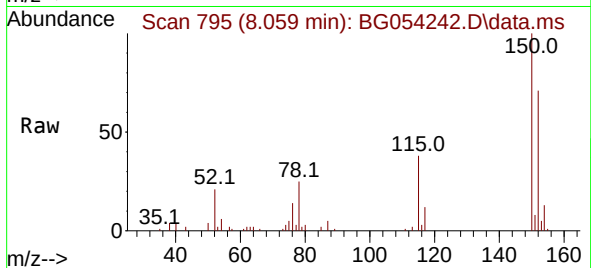




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

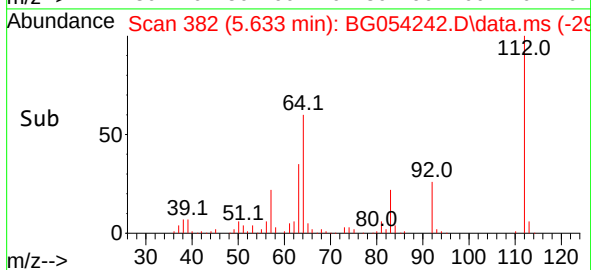
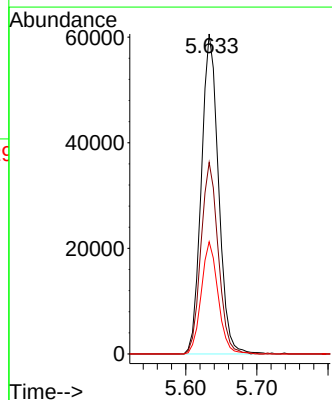
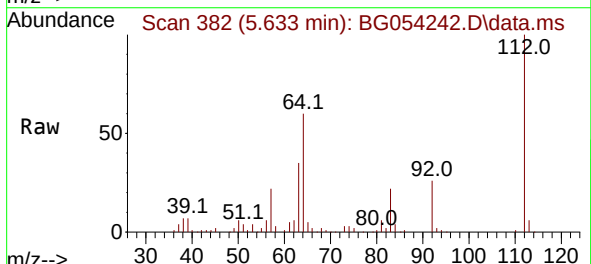
Instrument :
BNA_G
ClientSampleId :
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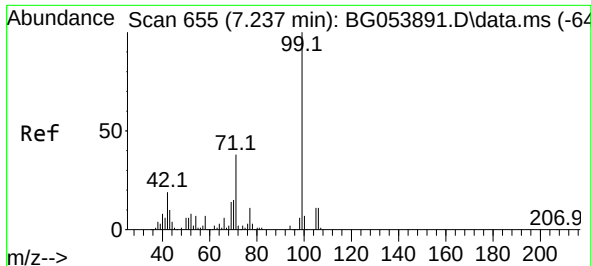
Tgt Ion:152 Resp: 17718
Ion Ratio Lower Upper
152 100
150 141.7 131.6 197.4
115 53.7 50.9 76.3



#5
2-Fluorophenol
Concen: 109.964 ng
RT: 5.633 min Scan# 382
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion:112 Resp: 101905
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 35.1 30.4 45.6

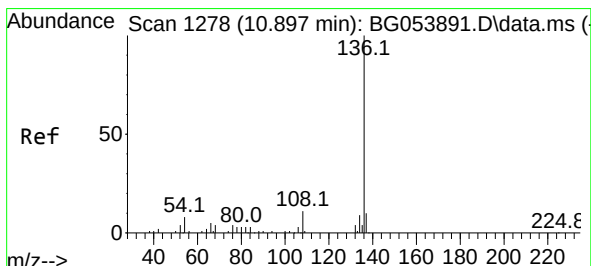
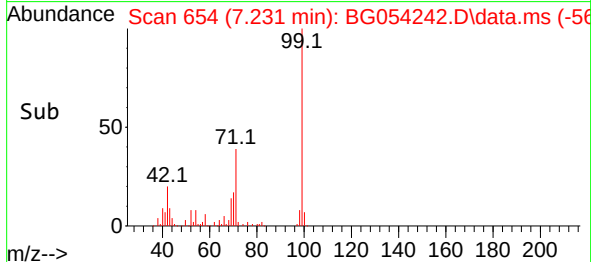
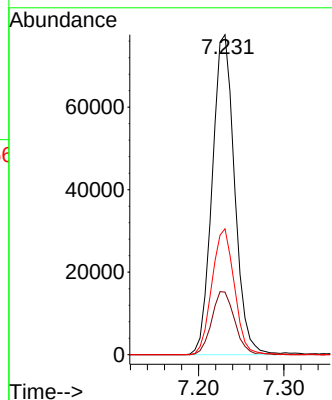
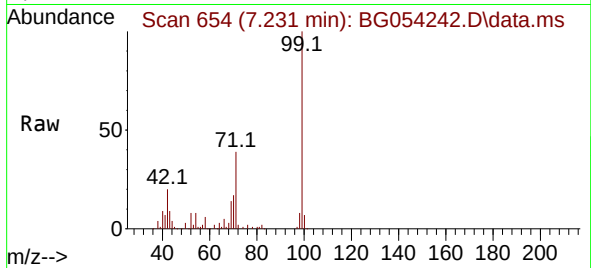




#7
Phenol-d6
Concen: 112.559 ng
RT: 7.231 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

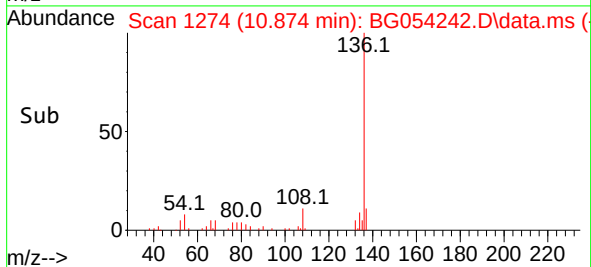
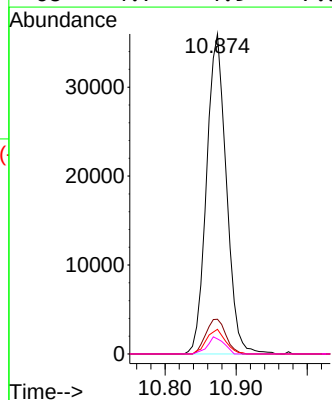
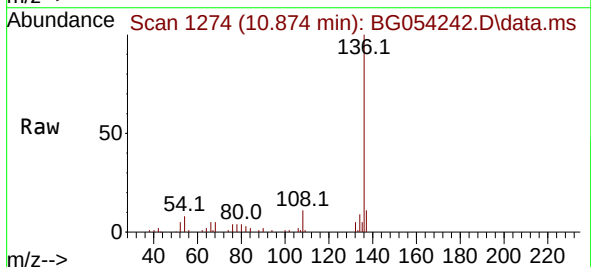
Instrument :
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ClientSampleId :
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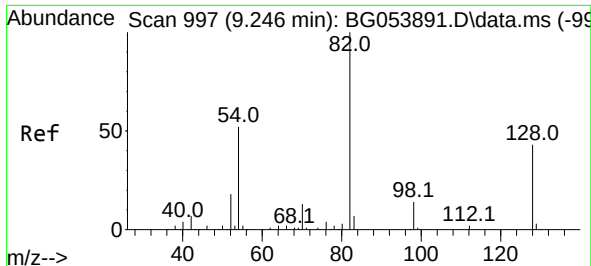
Tgt Ion: 99 Resp: 141505
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 39.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.874 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion: 136 Resp: 69644
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.7 7.4 11.2
68 4.7 4.9 7.3#

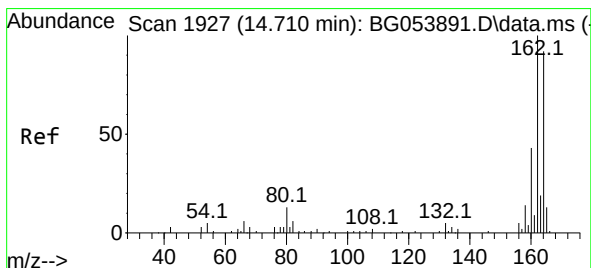
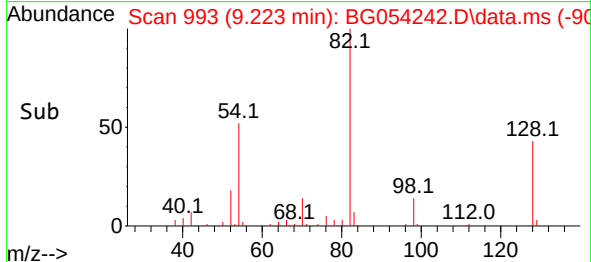
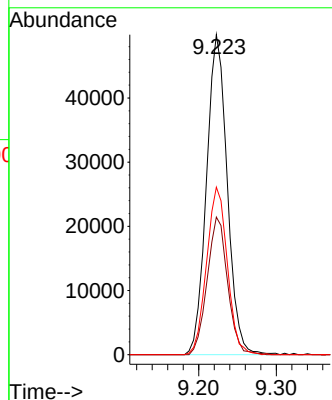
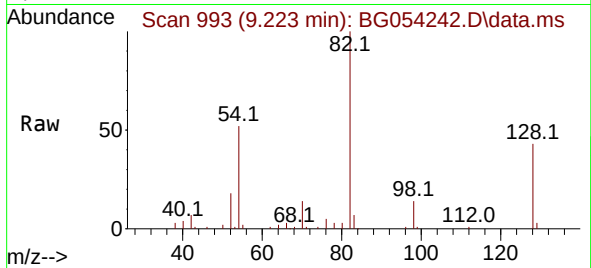




#23
 Nitrobenzene-d5
 Concen: 74.653 ng
 RT: 9.223 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: BG054242.D
 Acq: 8 Jul 2022 11:44

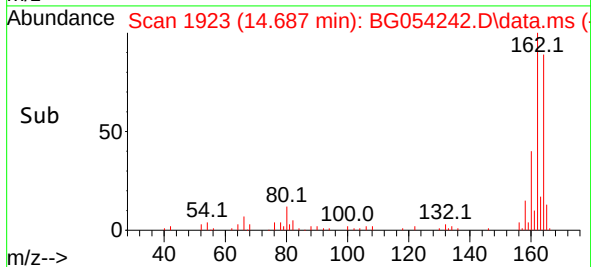
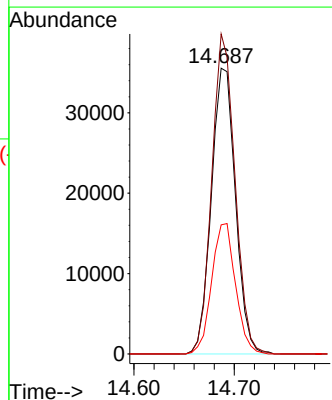
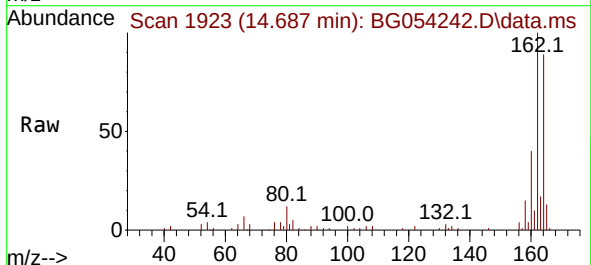
Instrument :
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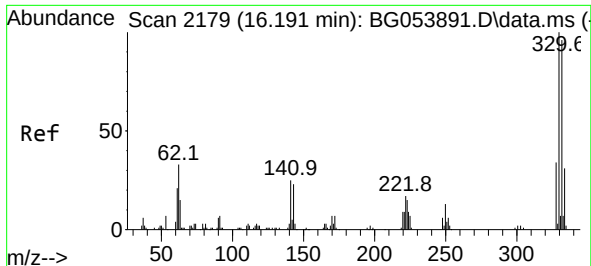
Tgt Ion: 82 Resp: 92518
 Ion Ratio Lower Upper
 82 100
 128 43.0 27.9 41.9#
 54 52.3 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.687 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: BG054242.D
 Acq: 8 Jul 2022 11:44

Tgt Ion: 164 Resp: 59319
 Ion Ratio Lower Upper
 164 100
 162 112.0 82.3 123.5
 160 45.2 34.2 51.2

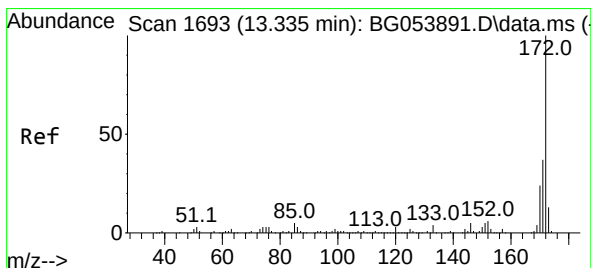
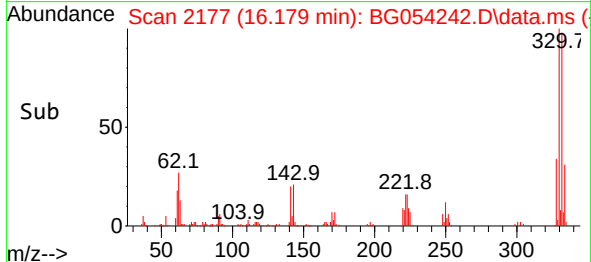
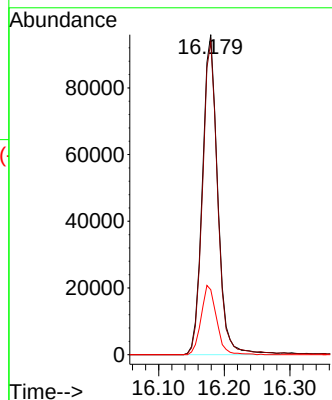
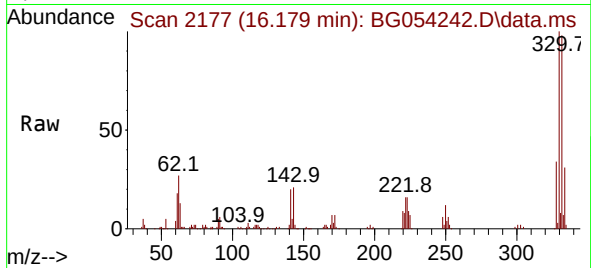




#42
2,4,6-Tribromophenol
Concen: 164.111 ng
RT: 16.179 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

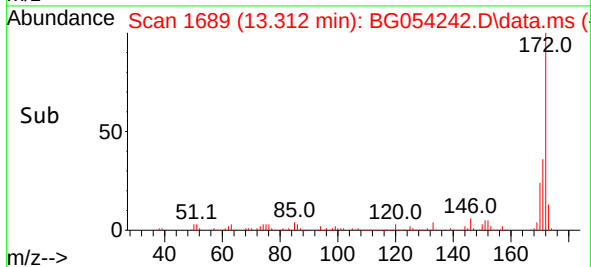
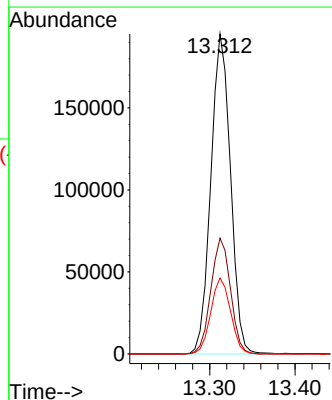
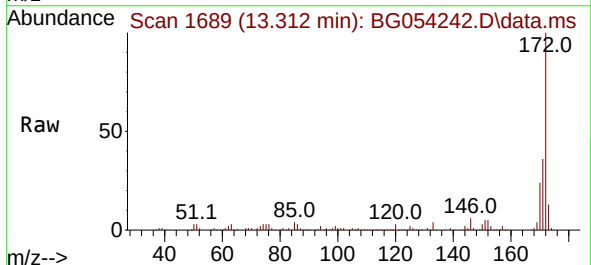
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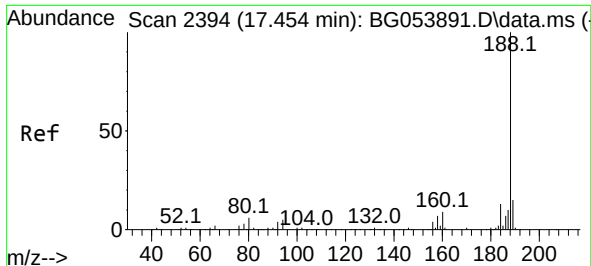
Tgt Ion:330 Resp: 156408
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 21.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 76.556 ng
RT: 13.312 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion:172 Resp: 312299
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.7 18.9 28.3

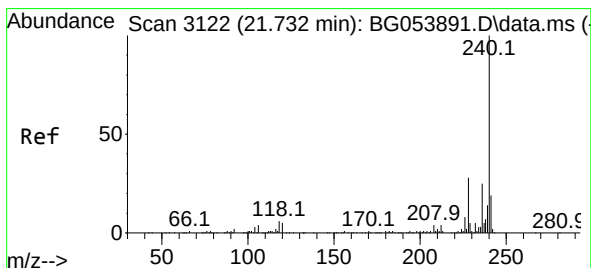
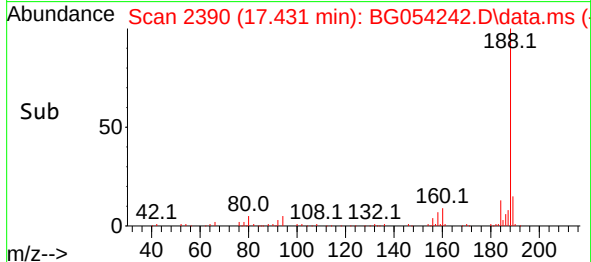
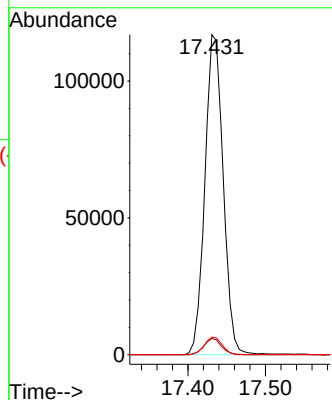
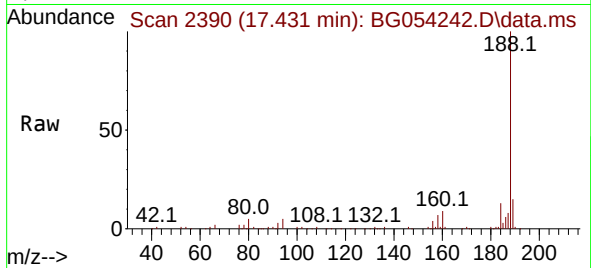




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

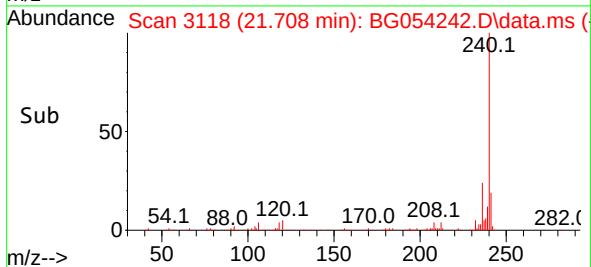
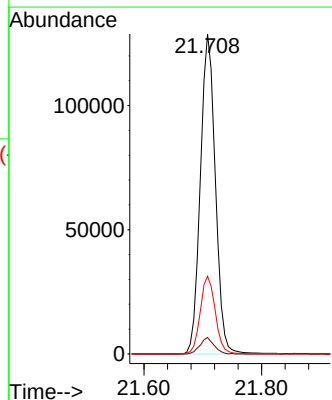
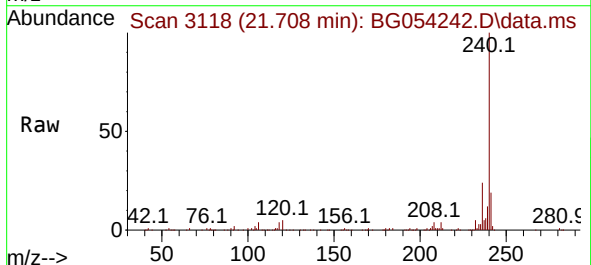
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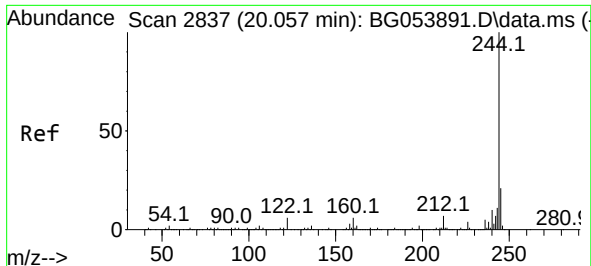
Tgt Ion:188 Resp: 191697
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 5.5 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.708 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BG054242.D
Acq: 8 Jul 2022 11:44

Tgt Ion:240 Resp: 228112
Ion Ratio Lower Upper
240 100
120 5.2 4.6 7.0
236 24.3 20.2 30.4

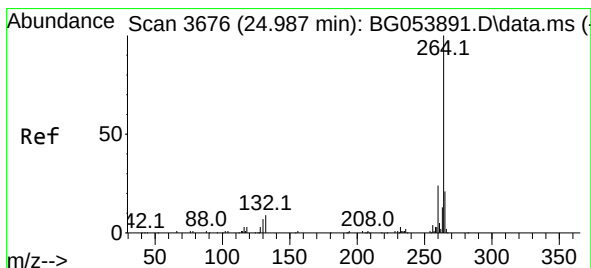
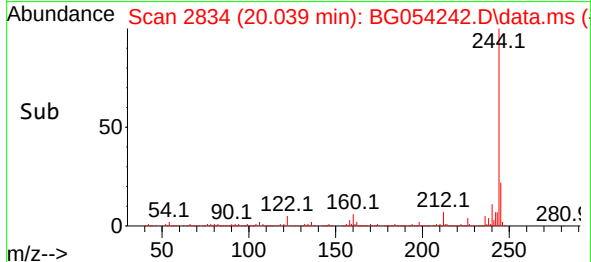
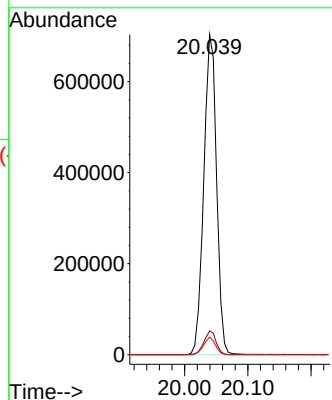
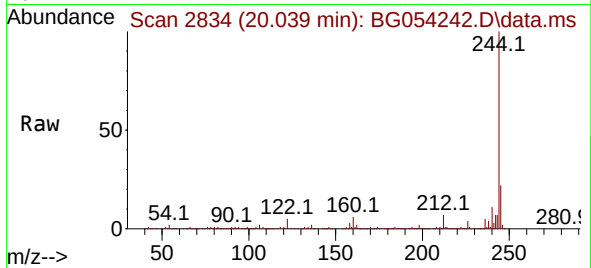




#79
 Terphenyl-d14
 Concen: 87.059 ng
 RT: 20.039 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054242.D
 Acq: 8 Jul 2022 11:44

Instrument :
 BNA_G
 ClientSampleId :
 PB146041TB

Tgt Ion:244 Resp: 986021
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.963 min Scan# 3672
 Delta R.T. 0.006 min
 Lab File: BG054242.D
 Acq: 8 Jul 2022 11:44

Tgt Ion:264 Resp: 232184
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 22.2 17.4 26.2

