

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053912.D
 Acq On : 14 Jun 2022 22:04
 Operator : CG/JU
 Sample : N3329-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Quant Time: Jun 15 03:05:16 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	8.085	152	17539	20.000	ng	# 0.00
21) Naphthalene-d8	10.894	136	66188	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	50941	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	139779	20.000	ng	# 0.00
76) Chrysene-d12	21.722	240	174438	20.000	ng	0.00
86) Perylene-d12	24.983	264	175101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	140897	153.591	ng	0.00
7) Phenol-d6	7.239	99	170752	137.210	ng	0.00
23) Nitrobenzene-d5	9.243	82	130065	110.430	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	143245	175.018	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	375797	107.273	ng	0.00
79) Terphenyl-d14	20.059	244	916588	105.830	ng	0.00

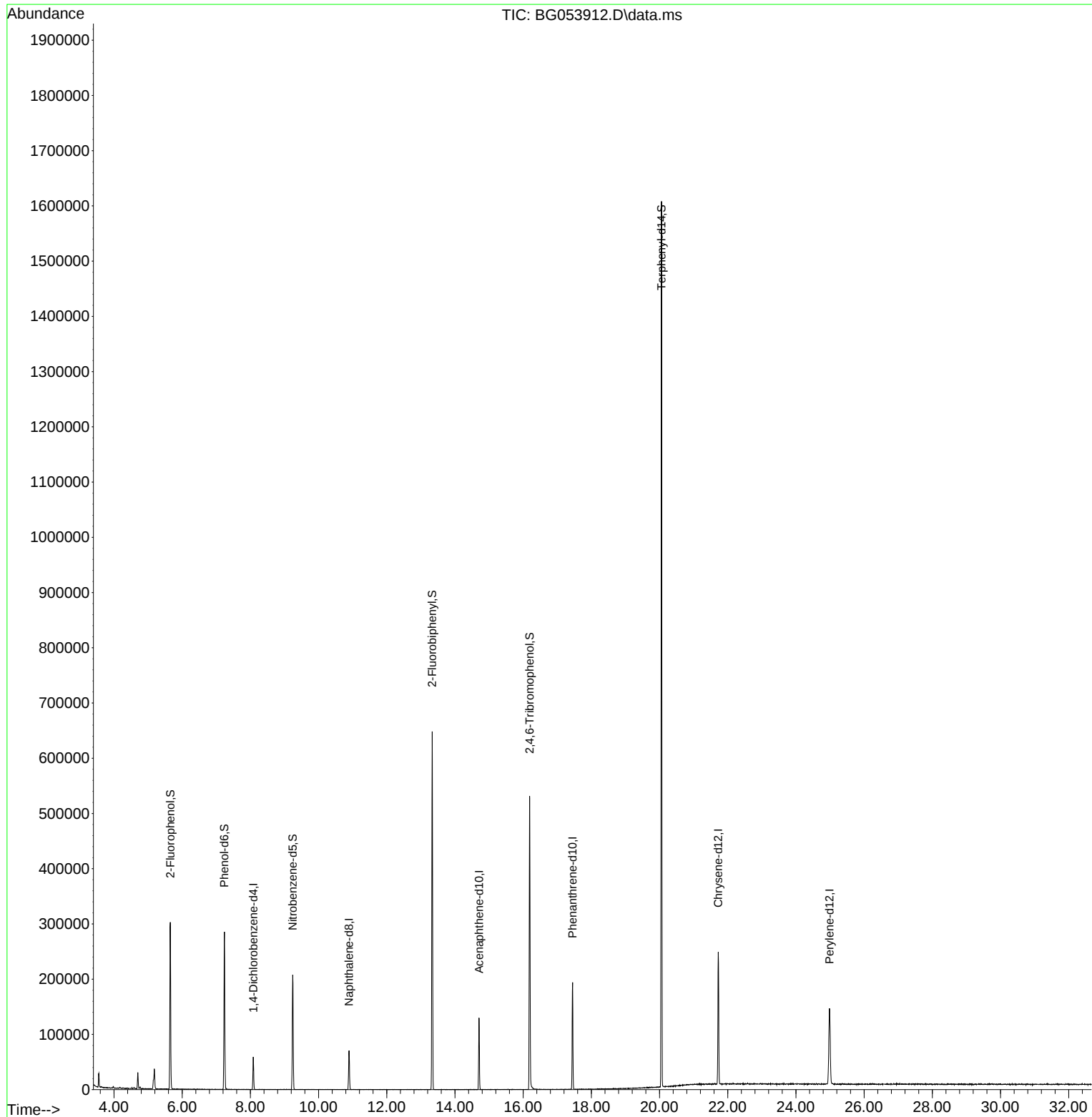
Target Compounds	Qvalue

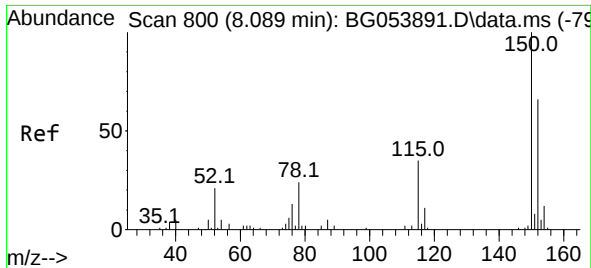
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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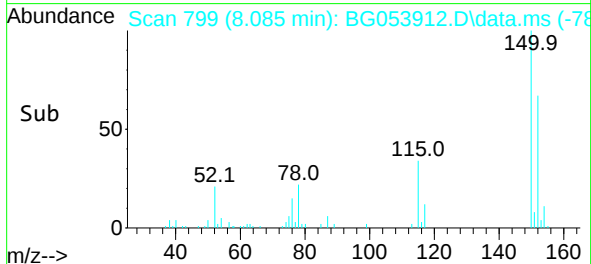
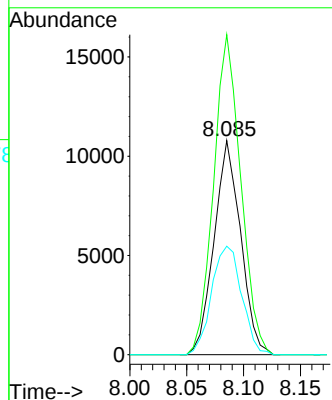
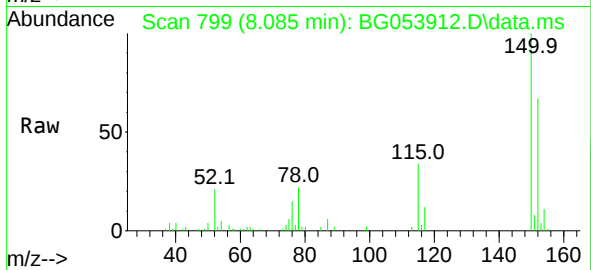




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

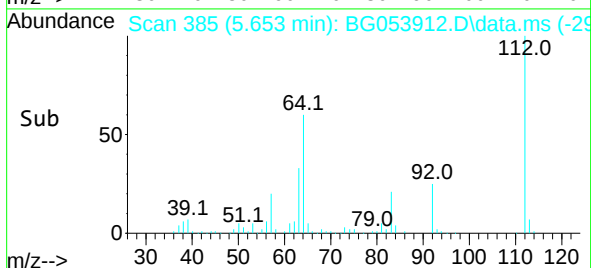
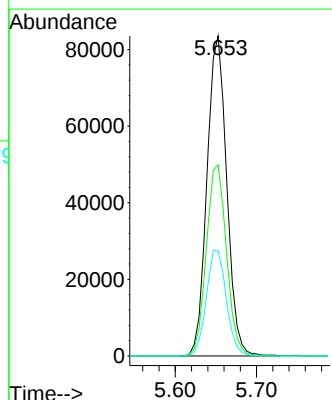
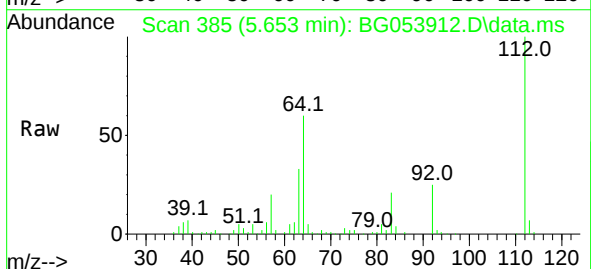
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

Tgt Ion:152 Resp: 17539
Ion Ratio Lower Upper
152 100
150 149.4 131.6 197.4
115 50.6 50.9 76.3#



#5
2-Fluorophenol
Concen: 153.591 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion:112 Resp: 140897
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 32.8 30.4 45.6

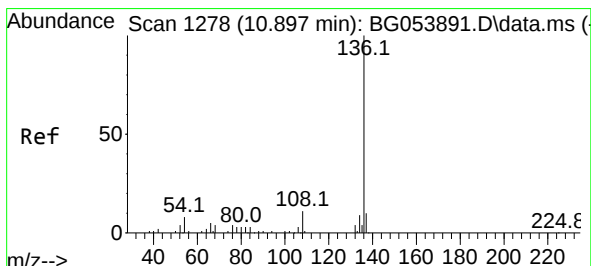
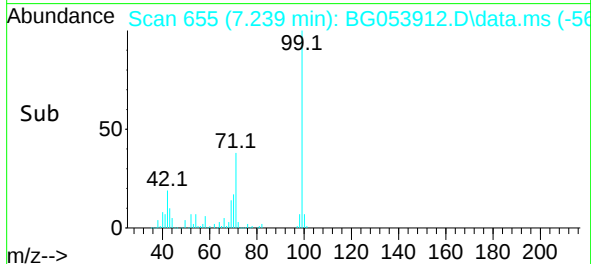
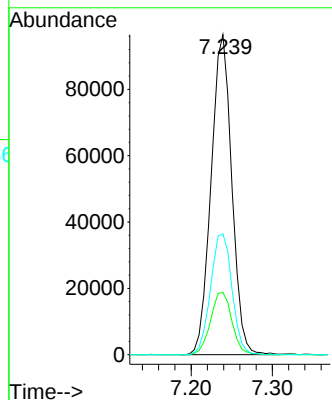
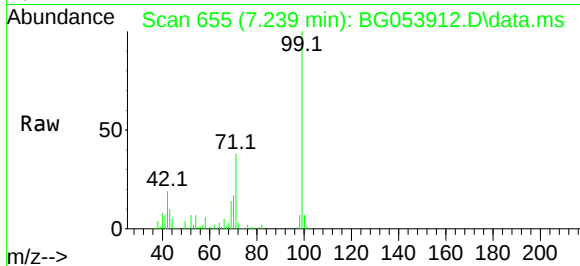




#7
Phenol-d6
Concen: 137.210 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

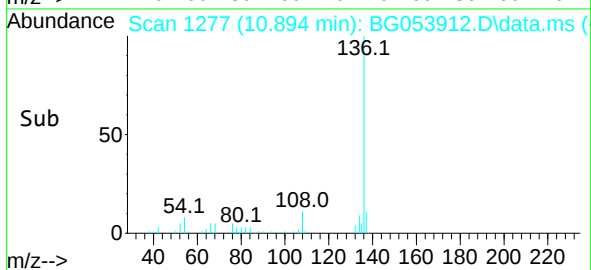
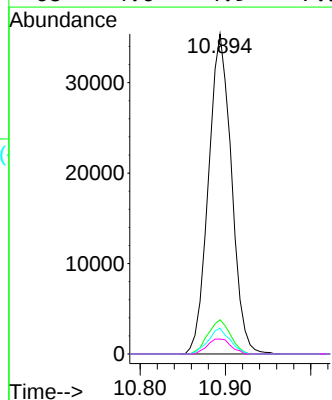
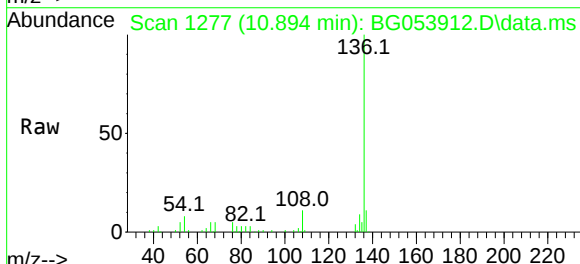
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

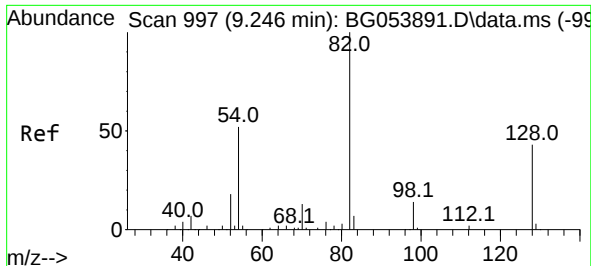
Tgt Ion: 99 Resp: 170752
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.8 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.894 min Scan# 1277
Delta R.T. -0.003 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion: 136 Resp: 66188
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 8.0 7.4 11.2
68 4.6 4.9 7.3#

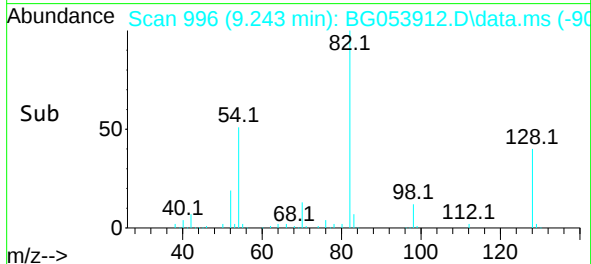
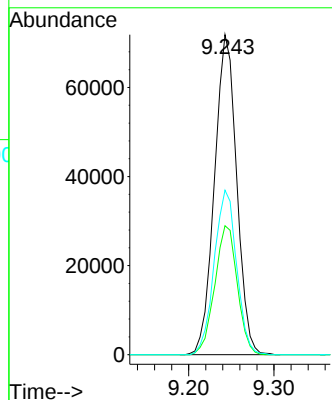
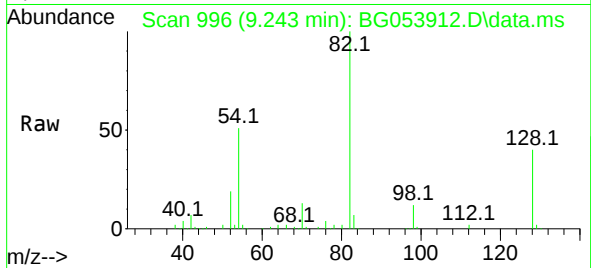




#23
Nitrobenzene-d5
Concen: 110.430 ng
RT: 9.243 min Scan# 996
Delta R.T. -0.004 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

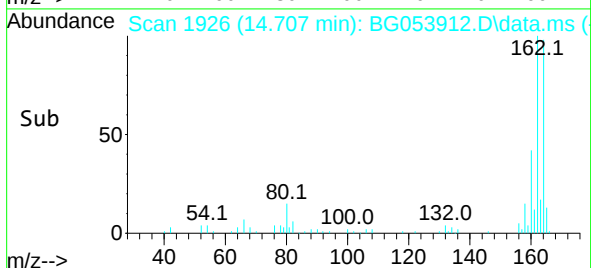
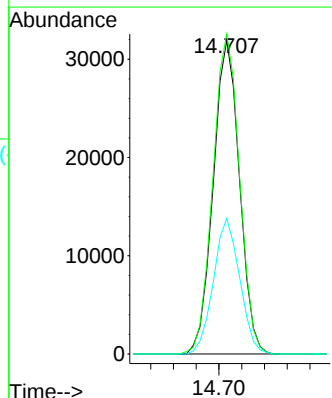
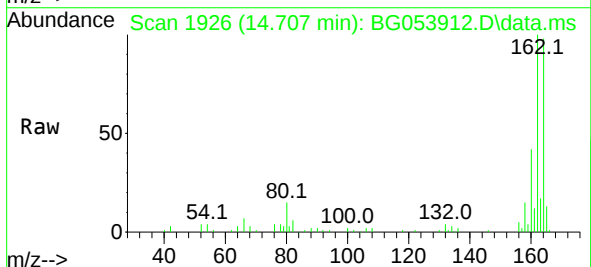
Instrument :
BNA_G
ClientSampleId :
PALMYRA-RT-73-COMP-3

Tgt Ion: 82 Resp: 130065
Ion Ratio Lower Upper
82 100
128 40.3 27.9 41.9
54 51.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1926
Delta R.T. -0.003 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion:164 Resp: 50941
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 43.2 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 175.018 ng

RT: 16.193 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG053912.D

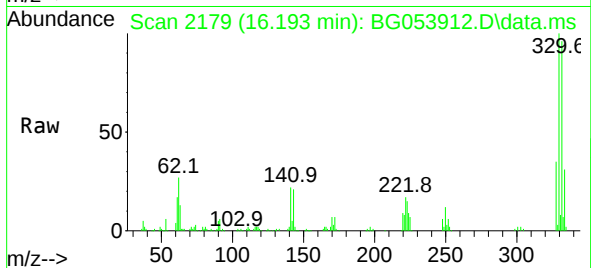
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Instrument :

BNA_G

ClientSampleId :

PALMYRA-RT-73-COMP-3



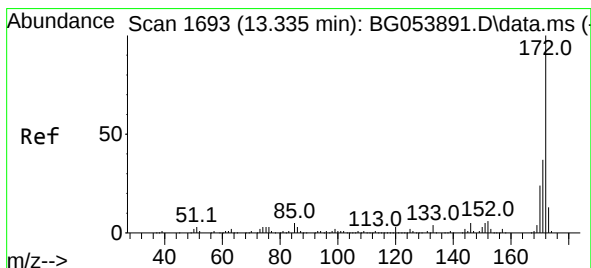
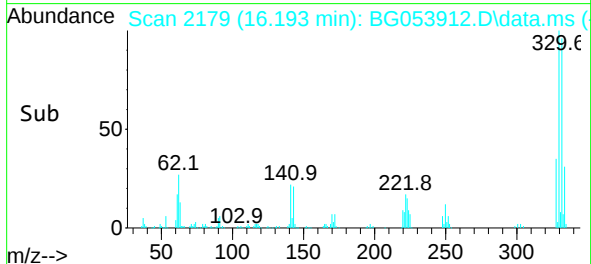
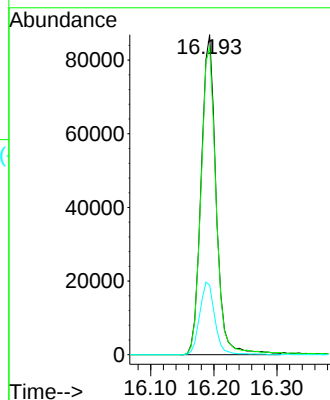
Tgt Ion:330 Resp: 143245

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 23.0 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 107.273 ng

RT: 13.332 min Scan# 1692

Delta R.T. -0.004 min

Lab File: BG053912.D

Acq: 14 Jun 2022 22:04

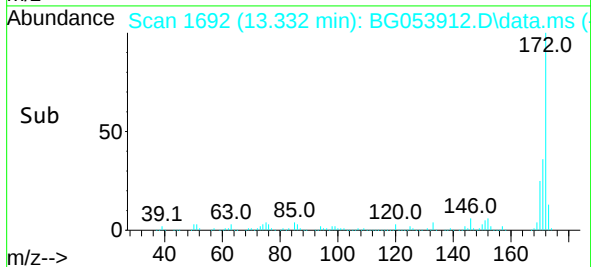
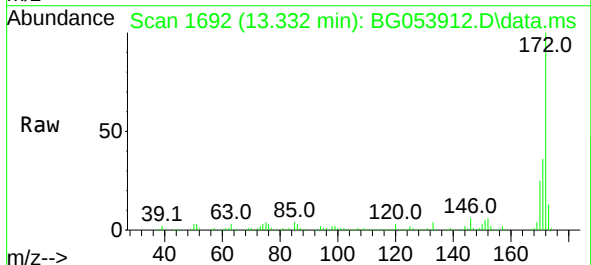
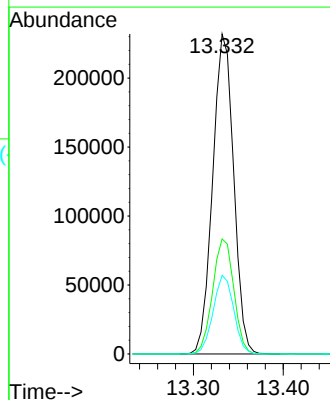
Tgt Ion:172 Resp: 375797

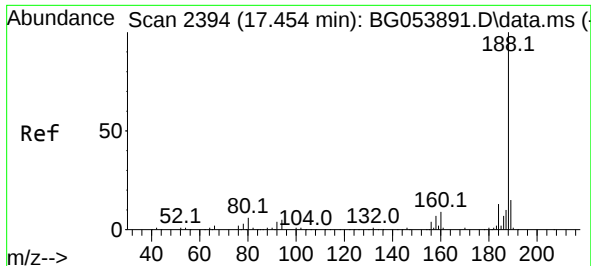
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.6 18.9 28.3

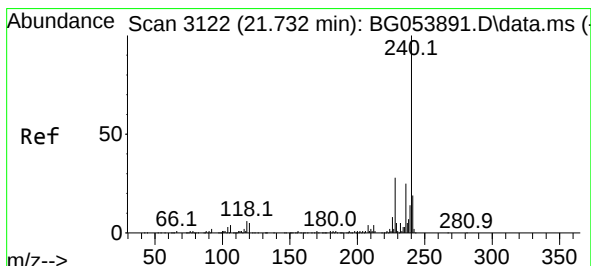
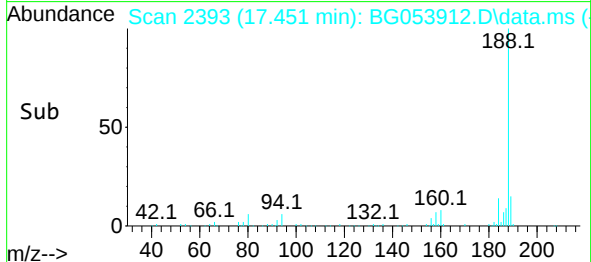
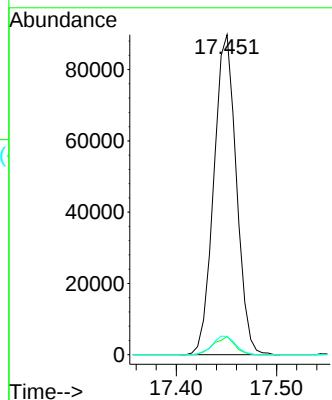
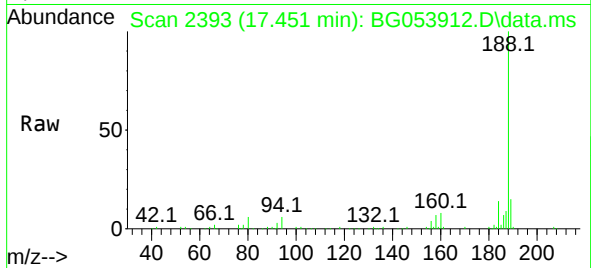




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

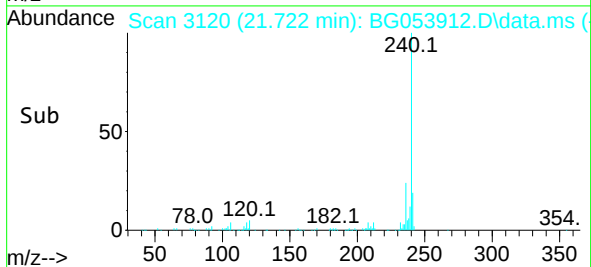
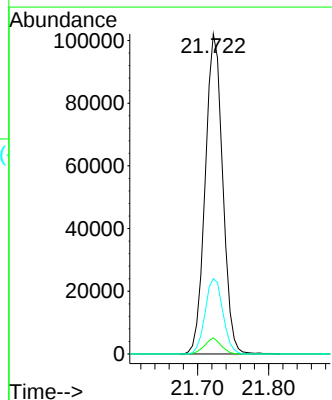
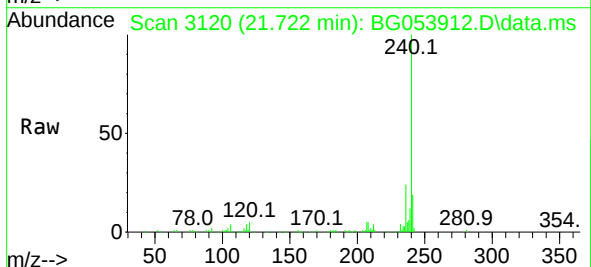
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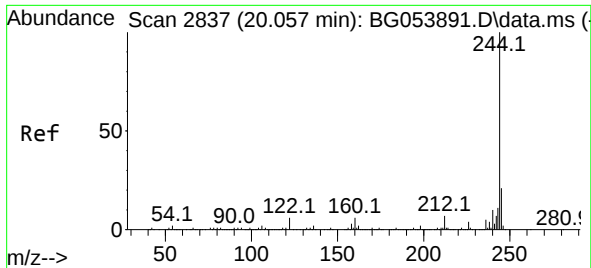
Tgt Ion:188 Resp: 139779
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 5.7 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3120
Delta R.T. -0.009 min
Lab File: BG053912.D
Acq: 14 Jun 2022 22:04

Tgt Ion:240 Resp: 174438
Ion Ratio Lower Upper
240 100
120 5.0 4.6 7.0
236 23.6 20.2 30.4

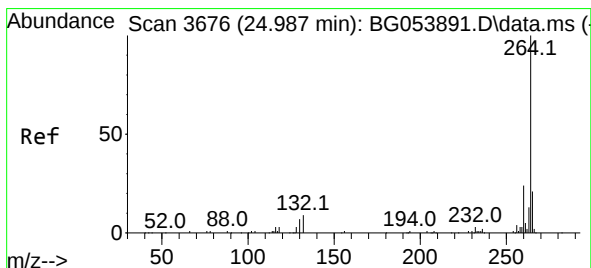
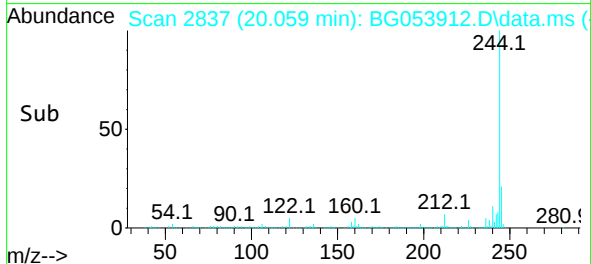
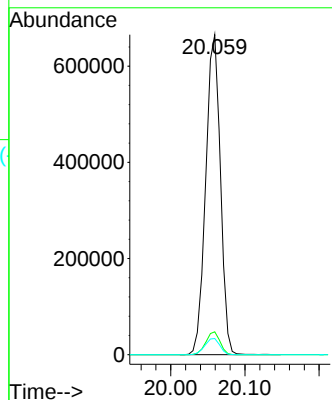
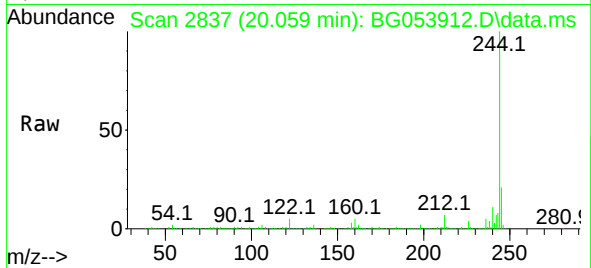




#79
 Terphenyl-d14
 Concen: 105.830 ng
 RT: 20.059 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053912.D
 Acq: 14 Jun 2022 22:04

Instrument :
 BNA_G
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Tgt Ion:244 Resp: 916588
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 5.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.983 min Scan# 3675
 Delta R.T. -0.004 min
 Lab File: BG053912.D
 Acq: 14 Jun 2022 22:04

Tgt Ion:264 Resp: 175101
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.0 28.6
 265 21.5 17.4 26.2

