

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
 Data File : BG054675.D
 Acq On : 20 Aug 2022 00:01
 Operator : CG/JU
 Sample : PB147091BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147091BL

Quant Time: Aug 22 00:35:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 00:08:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	54789	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	223890	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	142509	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	326292	20.000	ng	0.00
76) Chrysene-d12	21.827	240	321563	20.000	ng	0.00
86) Perylene-d12	25.200	264	330858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	442554	146.260	ng	0.00
7) Phenol-d6	7.303	99	579118	136.854	ng	0.00
23) Nitrobenzene-d5	9.330	82	347862	89.702	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	201299	135.280	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	810515	89.088	ng	0.00
79) Terphenyl-d14	20.135	244	1357352	90.220	ng	0.00

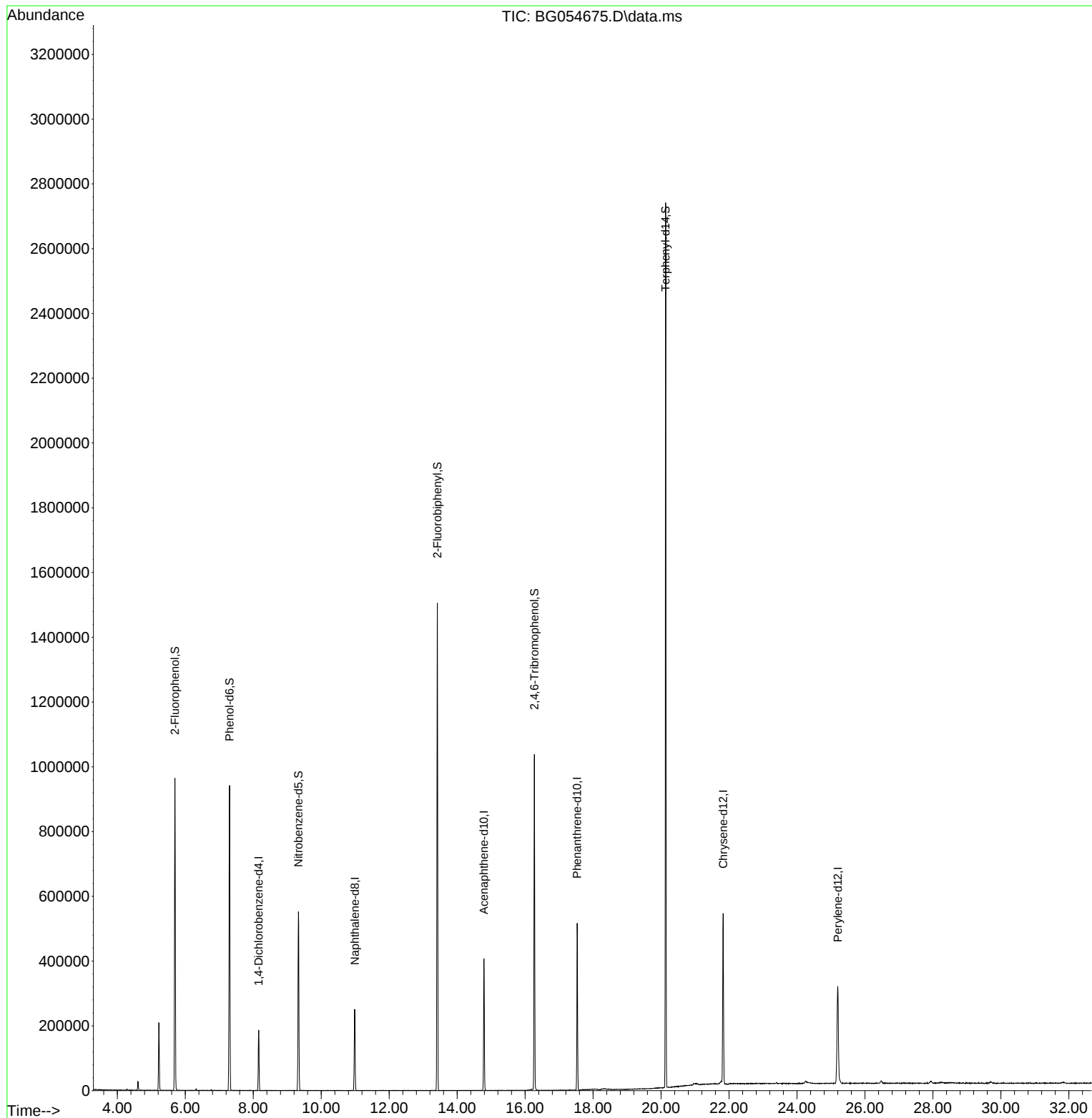
Target Compounds	Qvalue

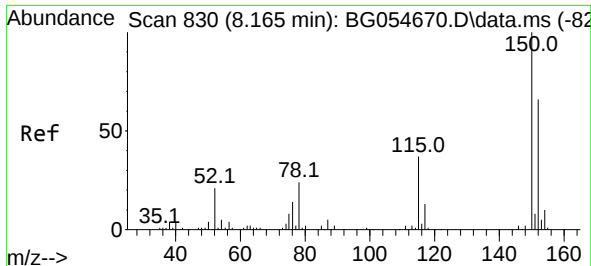
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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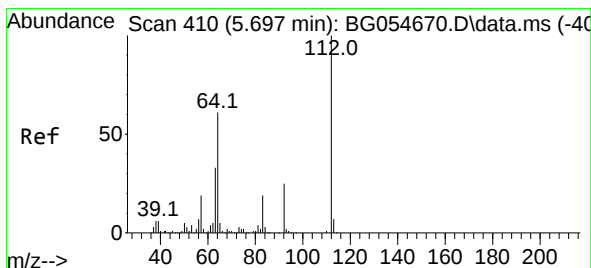
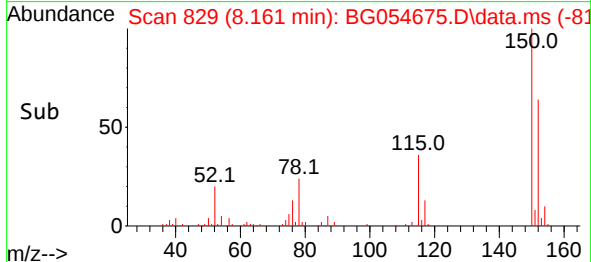
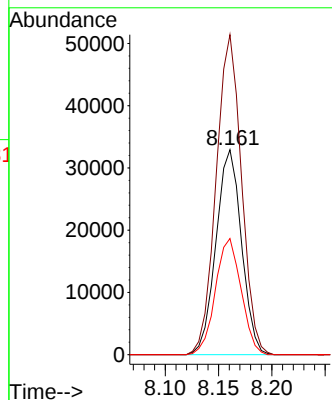
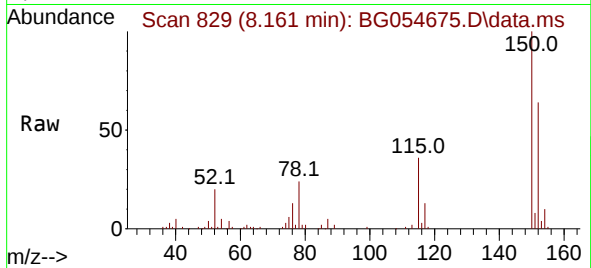




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

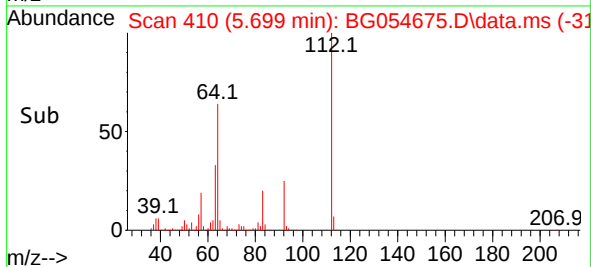
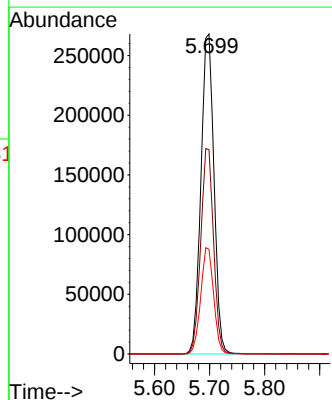
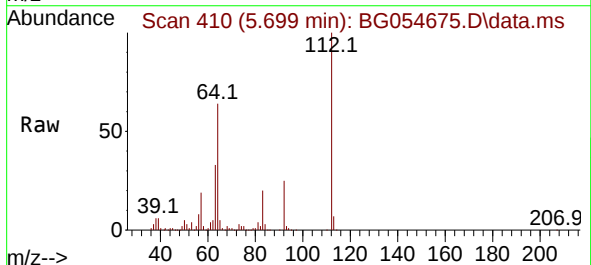
Instrument :
BNA_G
ClientSampleId :
PB147091BL

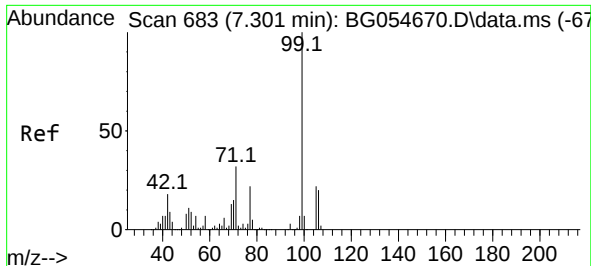
Tgt Ion:152 Resp: 54789
Ion Ratio Lower Upper
152 100
150 156.2 121.7 182.5
115 56.7 45.3 67.9



#5
2-Fluorophenol
Concen: 146.260 ng
RT: 5.699 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:112 Resp: 442554
Ion Ratio Lower Upper
112 100
64 63.8 48.6 73.0
63 32.7 26.3 39.5

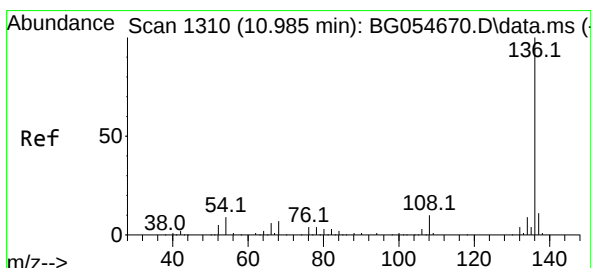
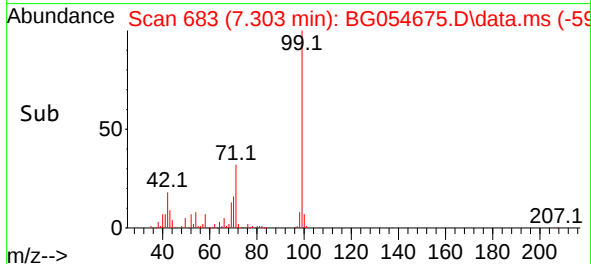
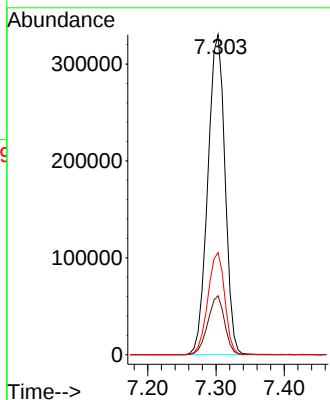
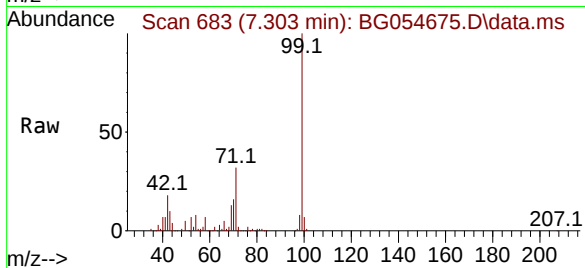




#7
Phenol-d6
Concen: 136.854 ng
RT: 7.303 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

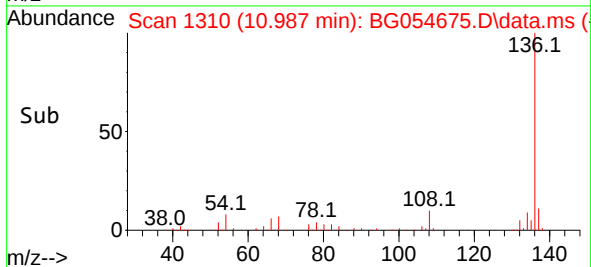
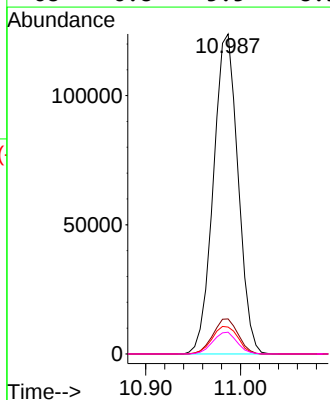
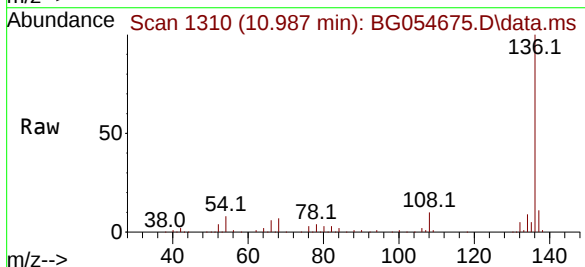
Instrument :
BNA_G
ClientSampleId :
PB147091BL

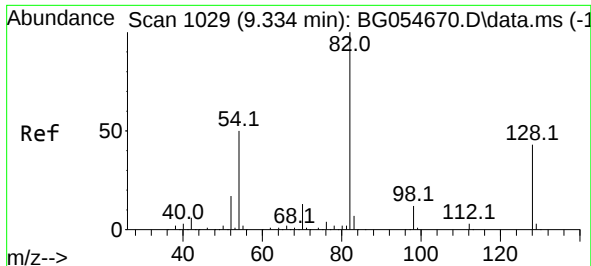
Tgt Ion: 99 Resp: 579118
Ion Ratio Lower Upper
99 100
42 18.4 14.0 21.0
71 31.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1310
Delta R.T. 0.002 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:136 Resp: 223890
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.4 7.4 11.0
68 6.8 5.5 8.3

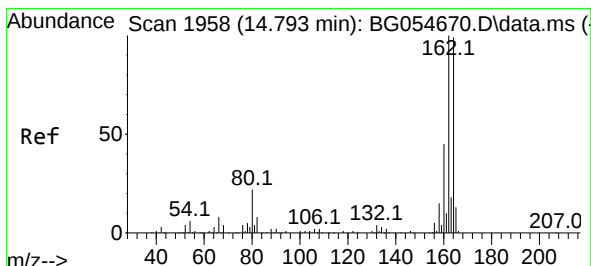
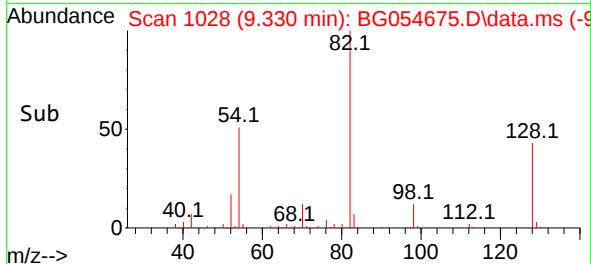
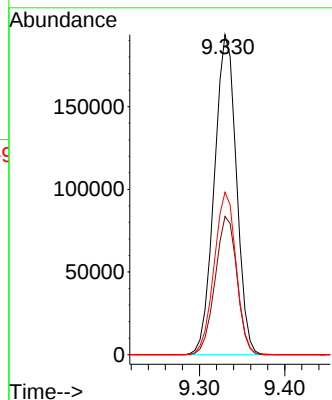
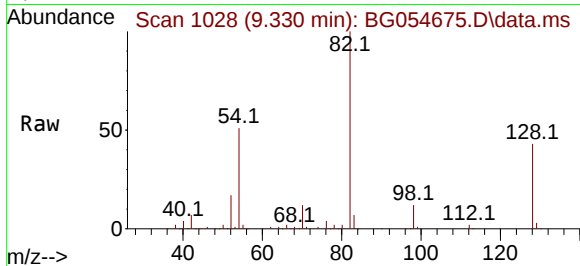




#23
 Nitrobenzene-d5
 Concen: 89.702 ng
 RT: 9.330 min Scan# 1029
 Delta R.T. -0.004 min
 Lab File: BG054675.D
 Acq: 20 Aug 2022 00:01

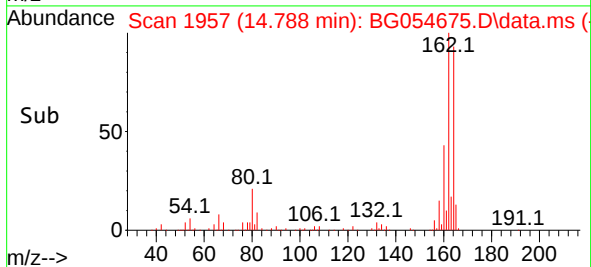
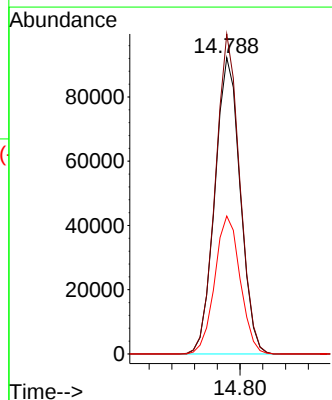
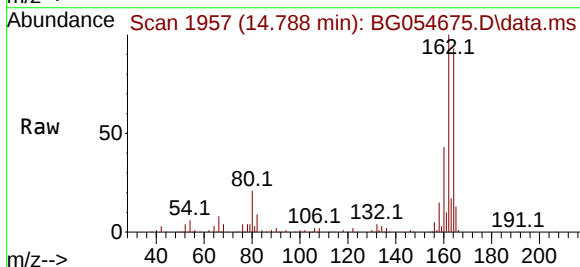
Instrument :
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 ClientSampleId :
 PB147091BL

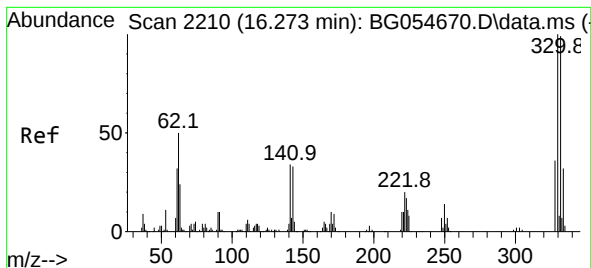
Tgt Ion: 82 Resp: 347862
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.3 51.5
 54 50.7 40.0 60.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.788 min Scan# 1957
 Delta R.T. -0.005 min
 Lab File: BG054675.D
 Acq: 20 Aug 2022 00:01

Tgt Ion: 164 Resp: 142509
 Ion Ratio Lower Upper
 164 100
 162 108.0 80.9 121.3
 160 46.5 36.2 54.2

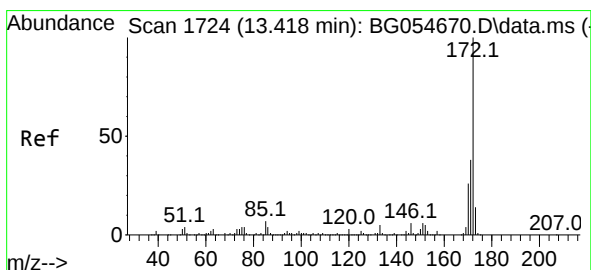
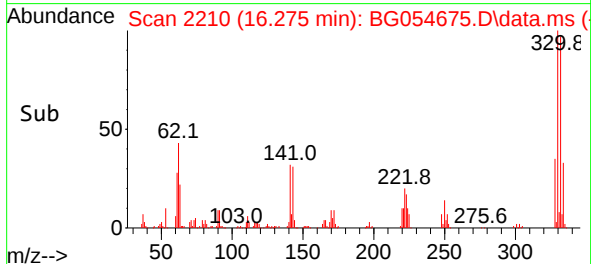
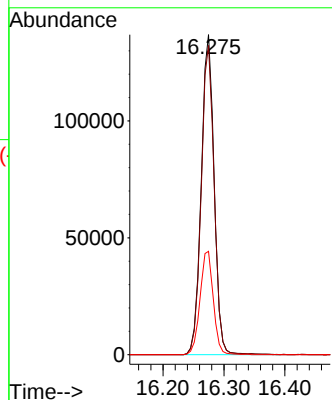
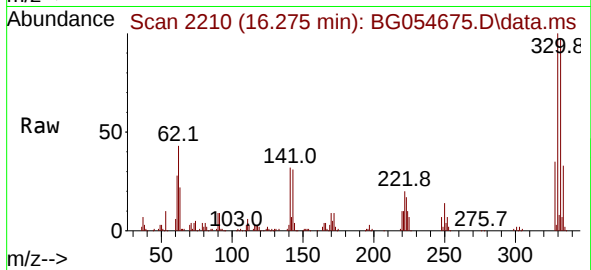




#42
 2,4,6-Tribromophenol
 Concen: 135.280 ng
 RT: 16.275 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054675.D
 Acq: 20 Aug 2022 00:01

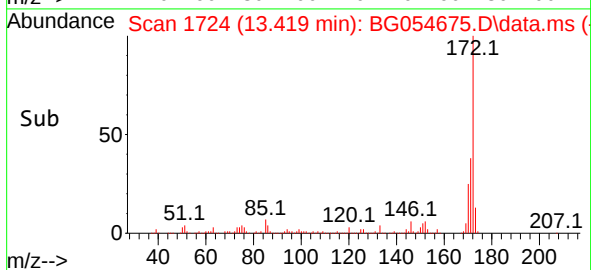
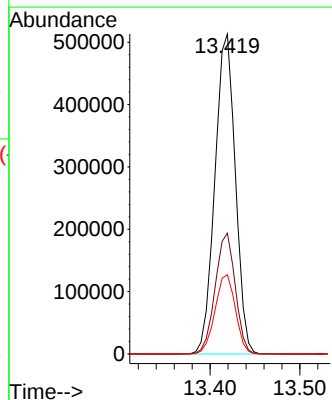
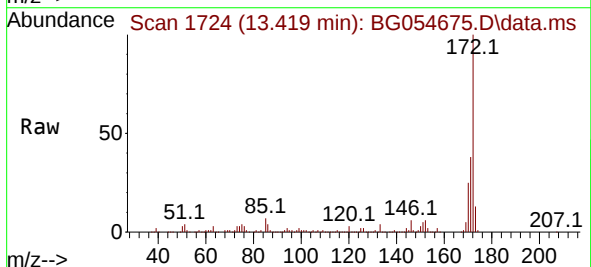
Instrument :
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 ClientSampleId :
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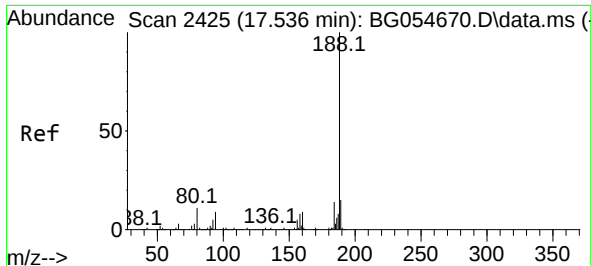
Tgt Ion:330 Resp: 201299
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.2 115.8
 141 33.2 26.2 39.2



#45
 2-Fluorobiphenyl
 Concen: 89.088 ng
 RT: 13.419 min Scan# 1724
 Delta R.T. 0.001 min
 Lab File: BG054675.D
 Acq: 20 Aug 2022 00:01

Tgt Ion:172 Resp: 810515
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.8 20.4 30.6

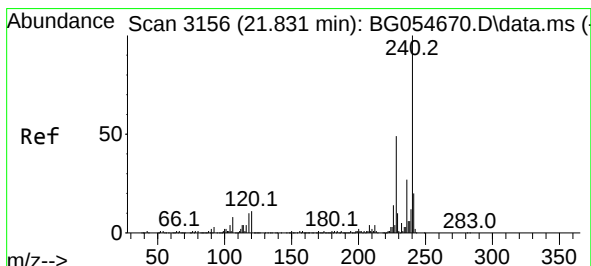
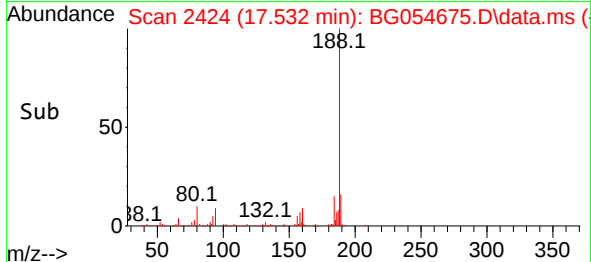
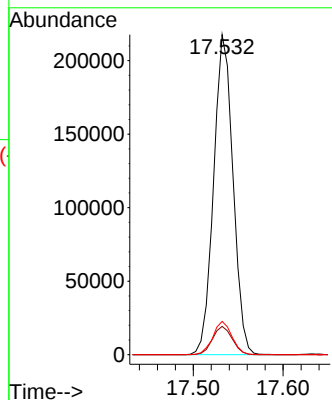
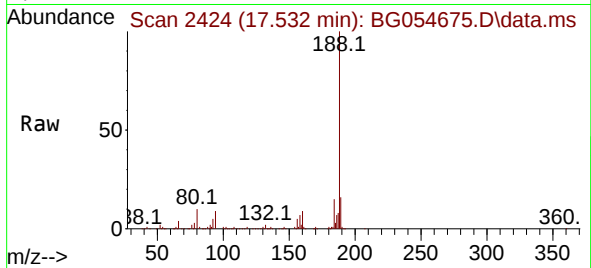




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2425
Delta R.T. -0.004 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

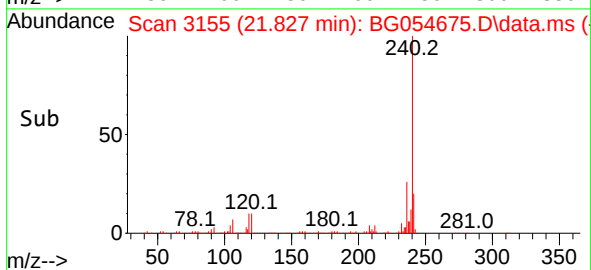
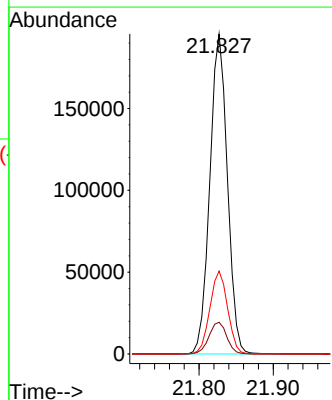
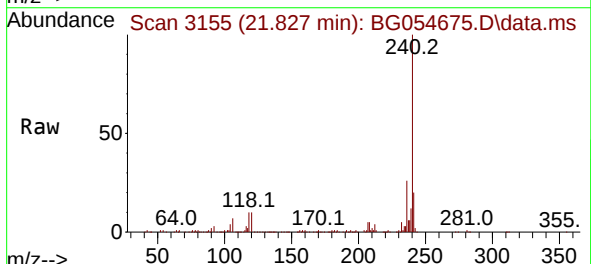
Instrument :
BNA_G
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PB147091BL

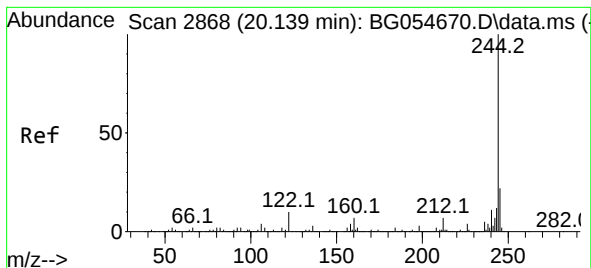
Tgt Ion:188 Resp: 326292
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 10.4 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG054675.D
Acq: 20 Aug 2022 00:01

Tgt Ion:240 Resp: 321563
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 25.9 21.3 31.9





#79

Terphenyl-d14

Concen: 90.220 ng

RT: 20.135 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG054675.D

Acq: 20 Aug 2022 00:01

Instrument :

BNA_G

ClientSampleId :

PB147091BL

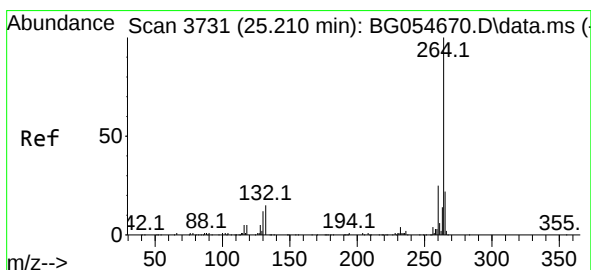
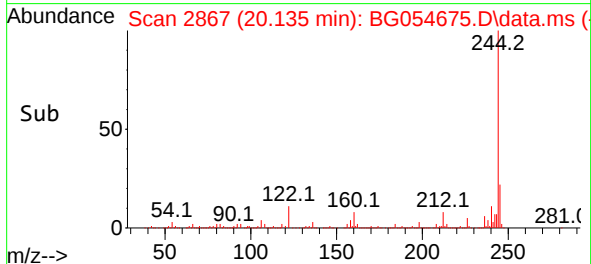
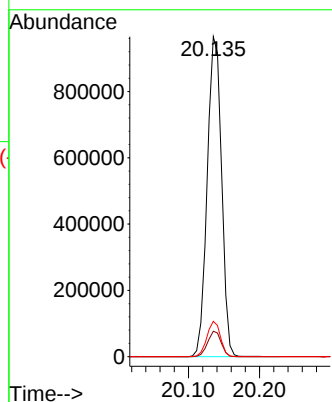
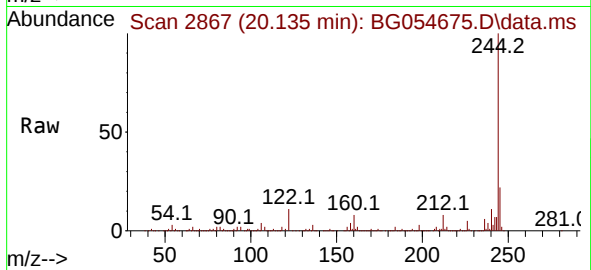
Tgt Ion:244 Resp: 1357352

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 11.1 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.200 min Scan# 3729

Delta R.T. -0.010 min

Lab File: BG054675.D

Acq: 20 Aug 2022 00:01

Tgt Ion:264 Resp: 330858

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.3 17.3 25.9

