

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052813.D
 Acq On : 24 Mar 2022 17:43
 Operator : CG/JU
 Sample : N2090-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-49

Quant Time: Mar 25 03:19:39 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	8.140	152	32180	20.000	ng	0.00
21) Naphthalene-d8	10.954	136	131919	20.000	ng	# 0.00
39) Acenaphthene-d10	14.760	164	91153	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	213476	20.000	ng	0.00
76) Chrysene-d12	21.792	240	250979	20.000	ng	0.00
86) Perylene-d12	25.105	264	266522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	105470	57.078	ng	0.00
7) Phenol-d6	7.288	99	99322	35.653	ng	0.00
23) Nitrobenzene-d5	9.303	82	251700	95.762	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	174690	142.621	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	545139	88.203	ng	0.00
79) Terphenyl-d14	20.112	244	963745	68.307	ng	0.00

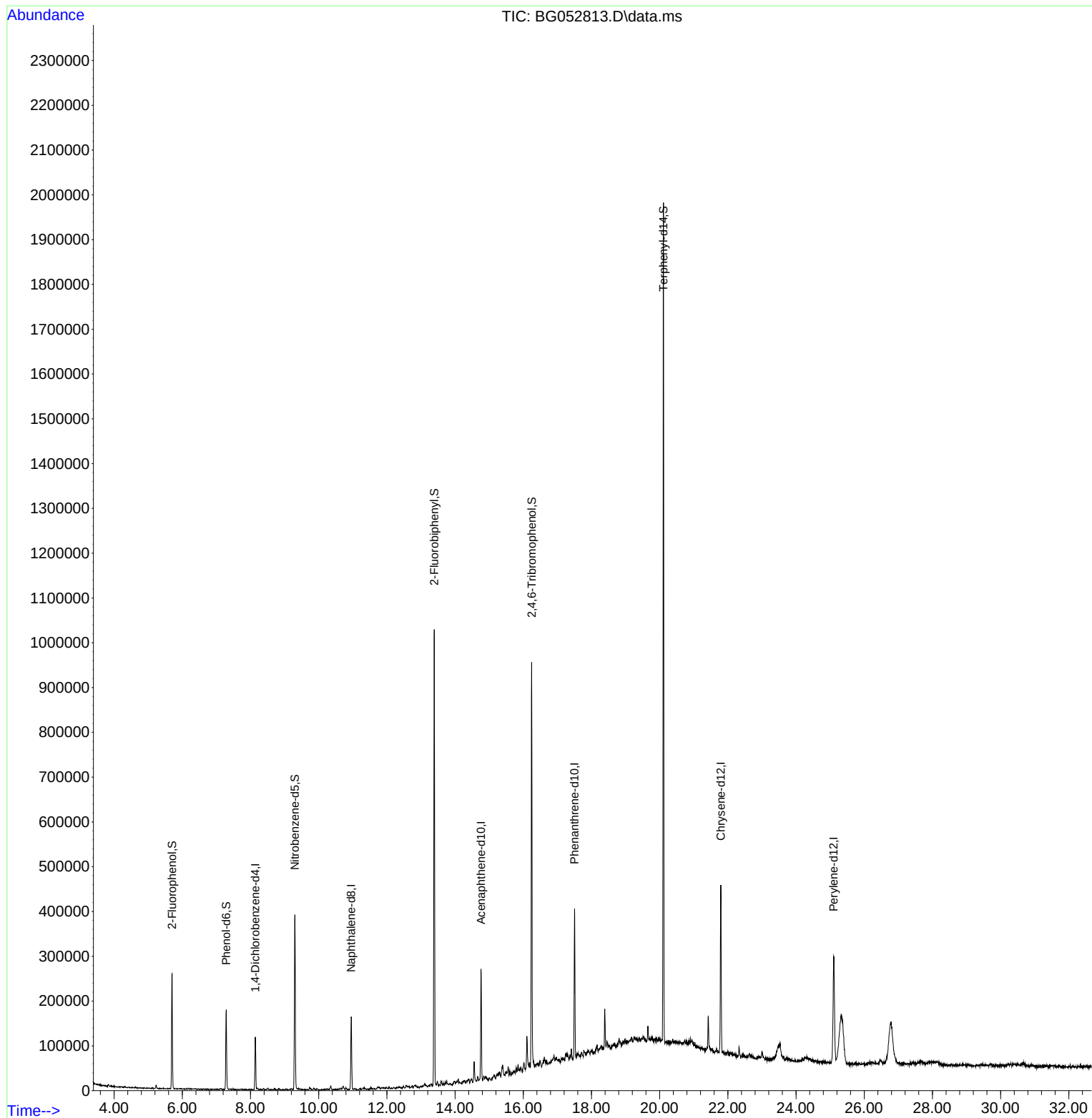
Target Compounds	Qvalue

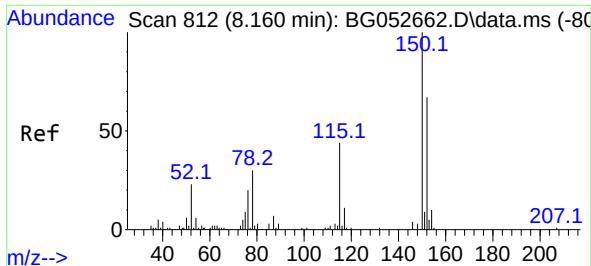
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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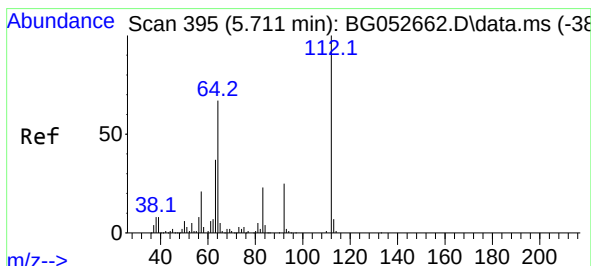
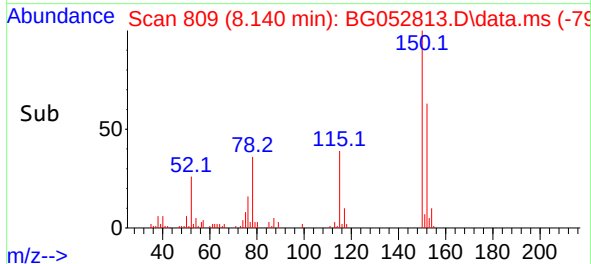
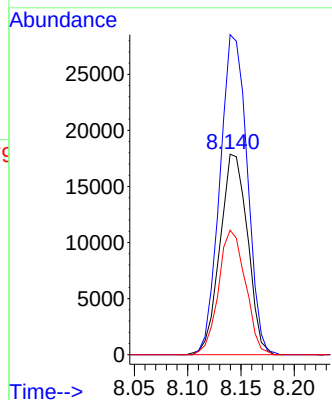
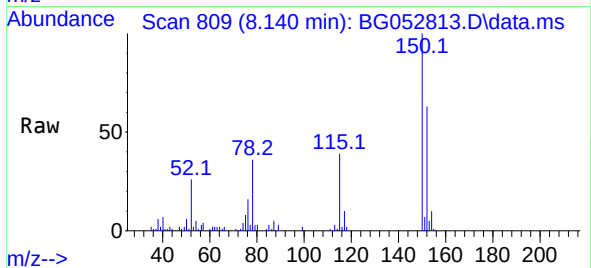




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

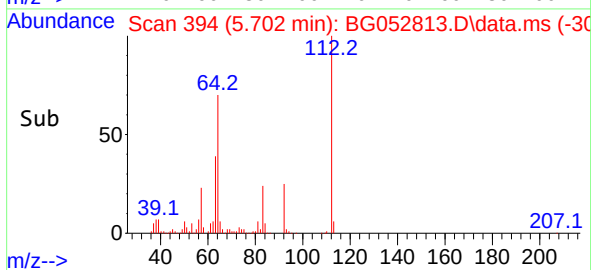
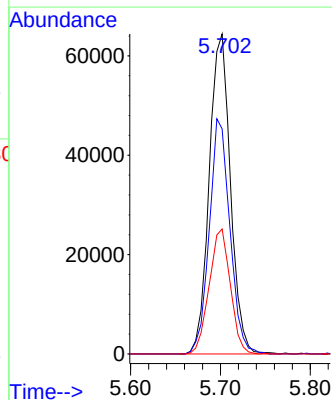
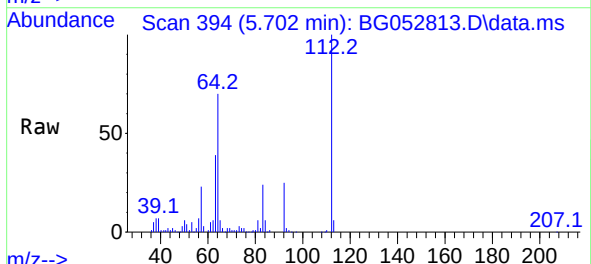
Instrument :
BNA_G
ClientSampleId :
MW-49

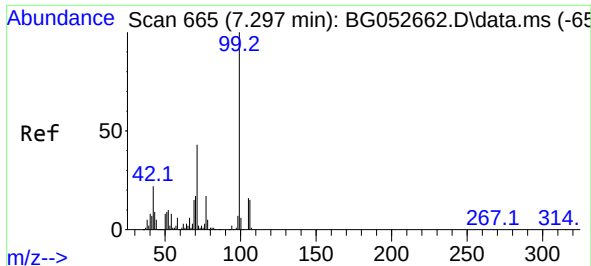
Tgt Ion:152 Resp: 32180
Ion Ratio Lower Upper
152 100
150 159.6 114.6 172.0
115 62.1 45.9 68.9



#5
2-Fluorophenol
Concen: 57.078 ng
RT: 5.702 min Scan# 394
Delta R.T. 0.005 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

Tgt Ion:112 Resp: 105470
Ion Ratio Lower Upper
112 100
64 70.3 48.0 72.0
63 39.0 26.5 39.7

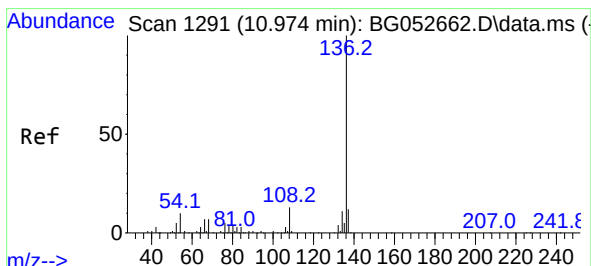
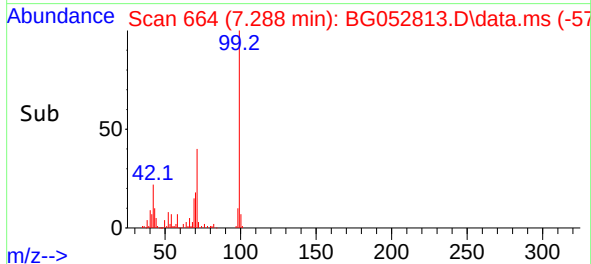
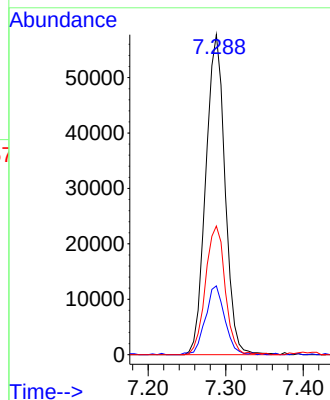
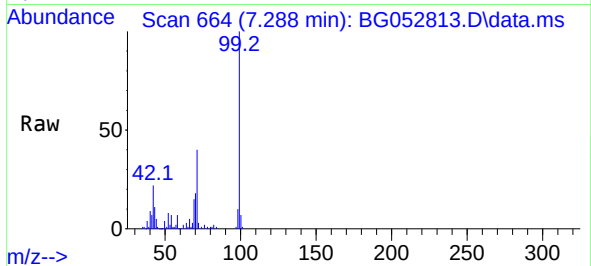




#7
Phenol-d6
Concen: 35.653 ng
RT: 7.288 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

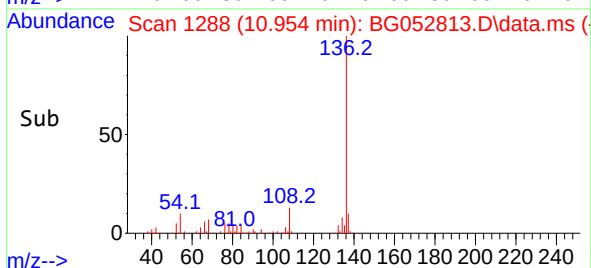
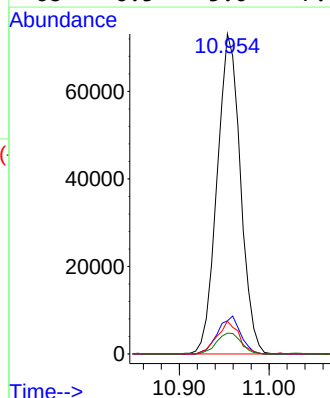
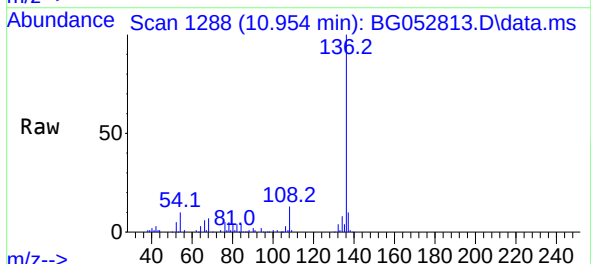
Instrument :
BNA_G
ClientSampleId :
MW-49

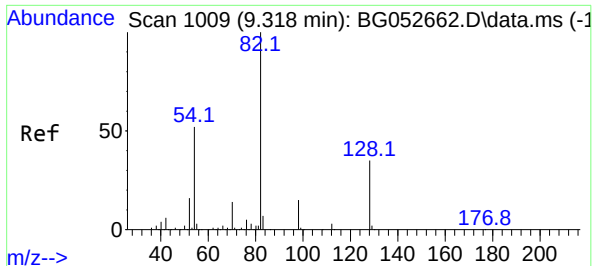
Tgt Ion: 99 Resp: 99322
Ion Ratio Lower Upper
99 100
42 21.5 14.7 22.1
71 40.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

Tgt Ion: 136 Resp: 131919
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.2
54 10.3 6.4 9.6#
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 95.762 ng

RT: 9.303 min Scan# 1007

Delta R.T. -0.001 min

Lab File: BG052813.D

Acq: 24 Mar 2022 17:43

Instrument :

BNA_G

ClientSampleId :

MW-49

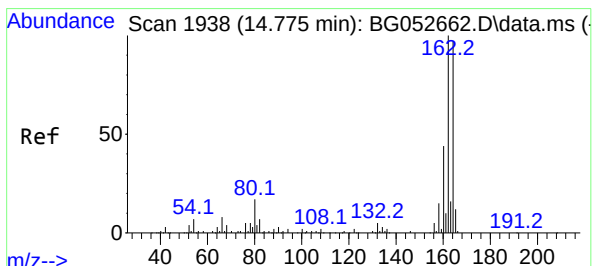
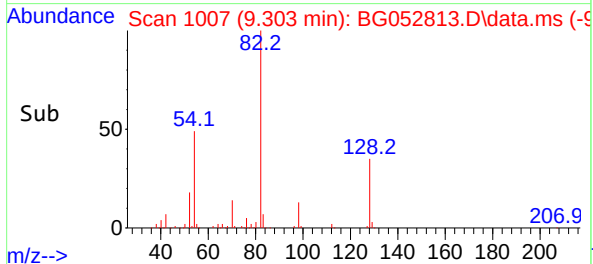
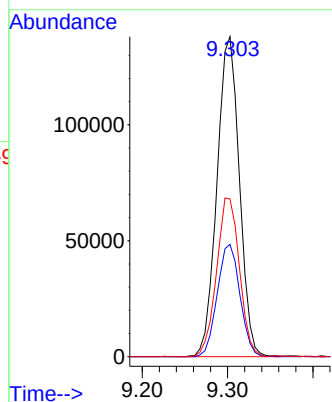
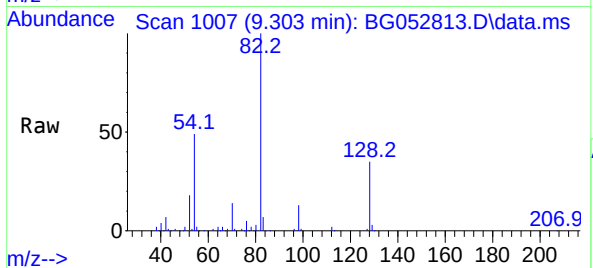
Tgt Ion: 82 Resp: 251700

Ion Ratio Lower Upper

82 100

128 35.1 31.3 46.9

54 49.3 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.760 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BG052813.D

Acq: 24 Mar 2022 17:43

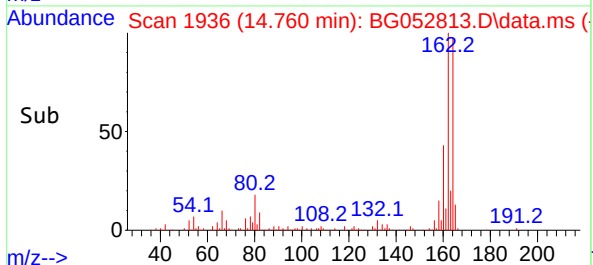
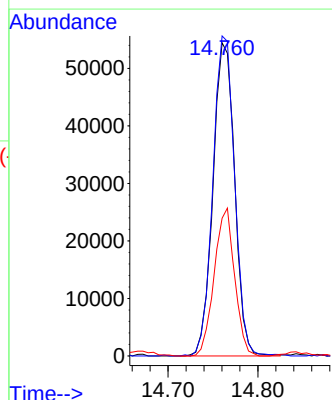
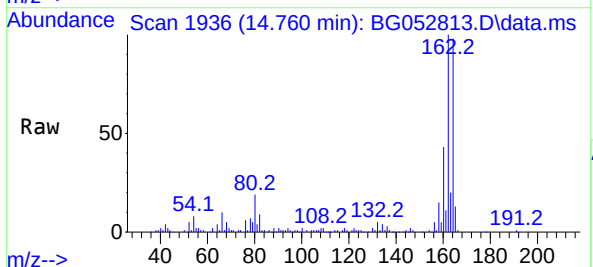
Tgt Ion: 164 Resp: 91153

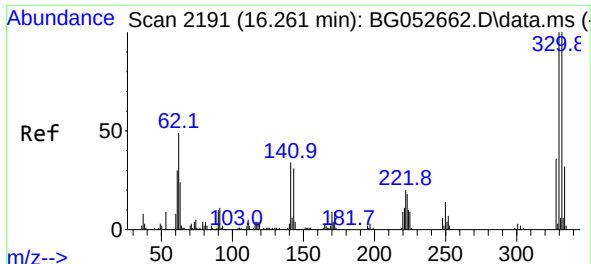
Ion Ratio Lower Upper

164 100

162 102.2 80.0 120.0

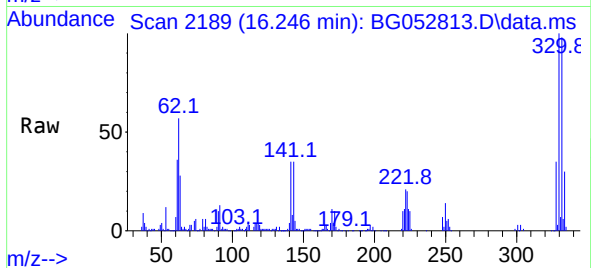
160 44.0 38.8 58.2



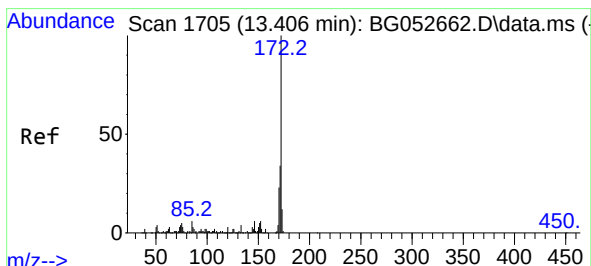
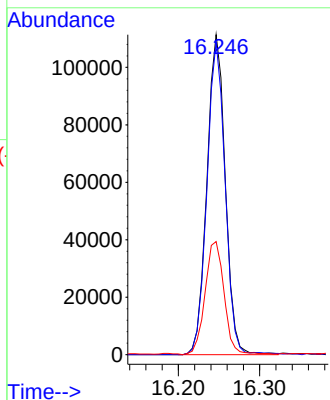
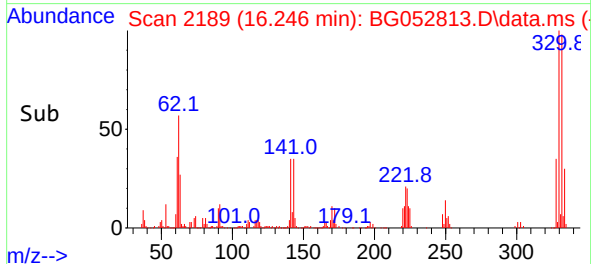


#42
2,4,6-Tribromophenol
Concen: 142.621 ng
RT: 16.246 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

Instrument :
BNA_G
ClientSampleId :
MW-49

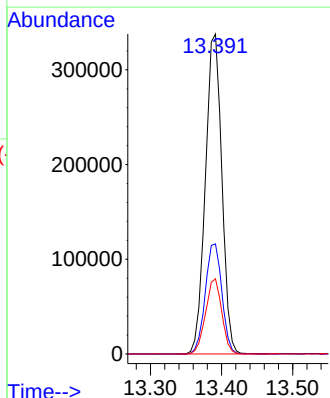
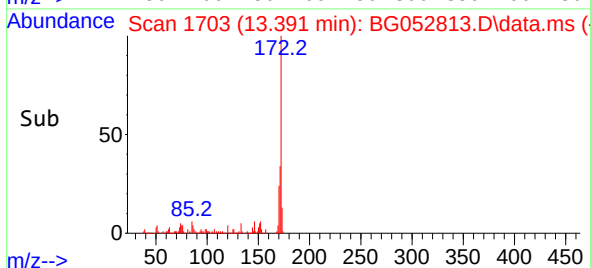
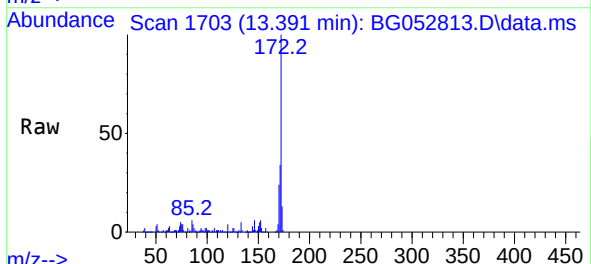


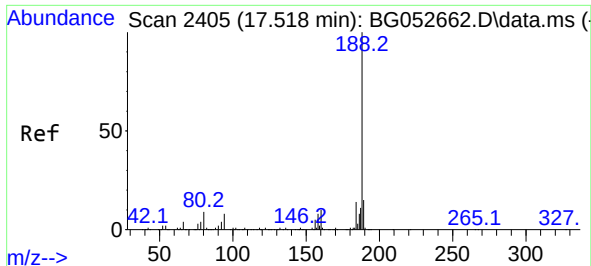
Tgt Ion:330 Resp: 174690
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 36.9 24.6 36.8#



#45
2-Fluorobiphenyl
Concen: 88.203 ng
RT: 13.391 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

Tgt Ion:172 Resp: 545139
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.5 18.0 27.0

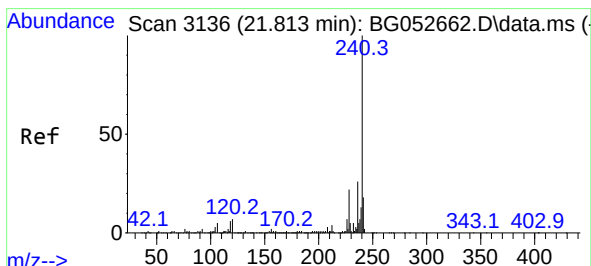
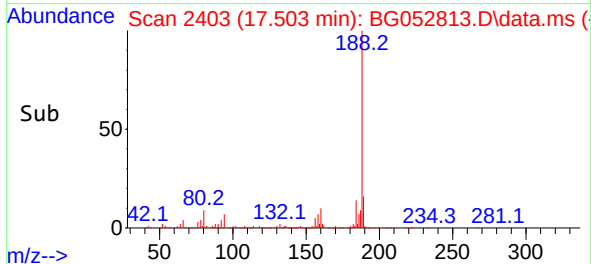
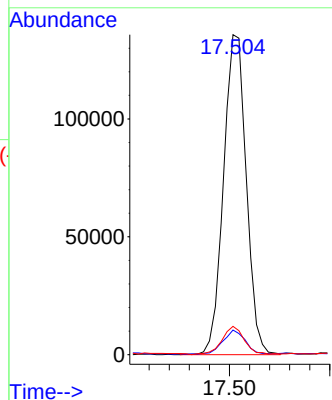
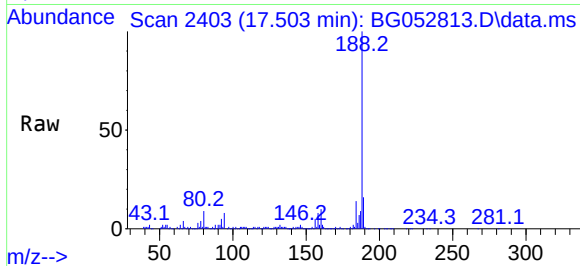




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2405
Delta R.T. -0.001 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

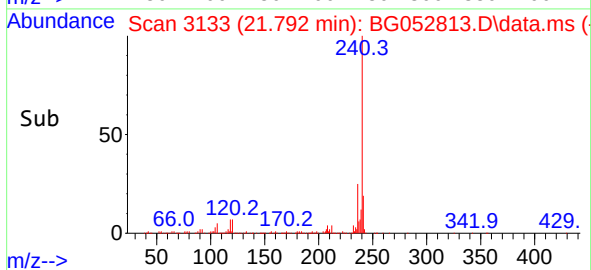
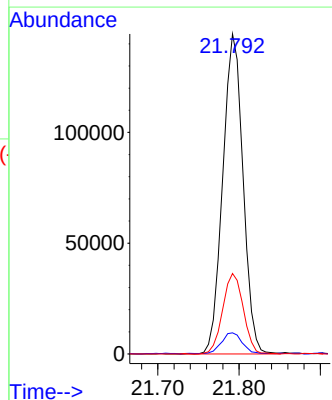
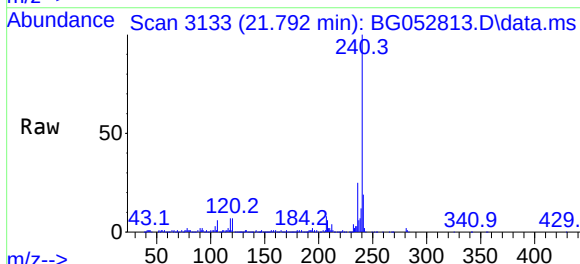
Instrument :
BNA_G
ClientSampleId :
MW-49

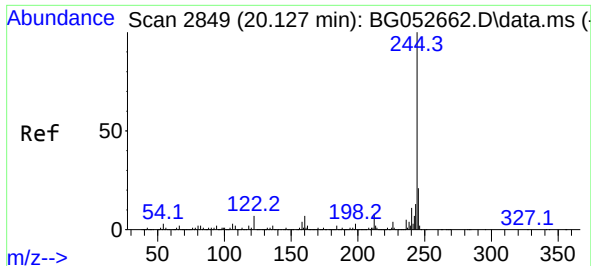
Tgt Ion:188 Resp: 213476
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

Tgt Ion:240 Resp: 250979
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 25.1 19.8 29.6

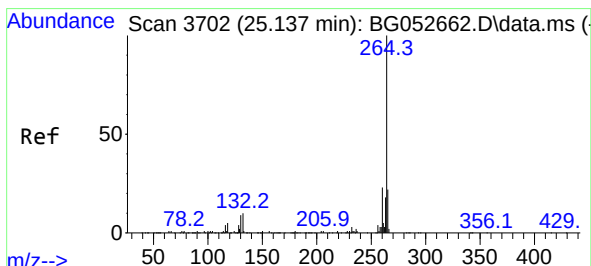
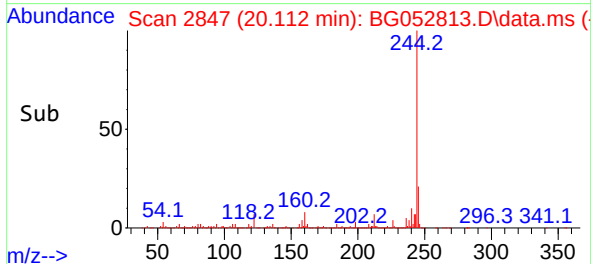
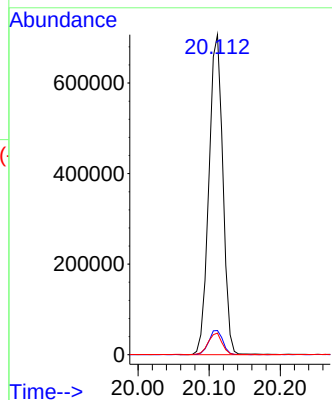
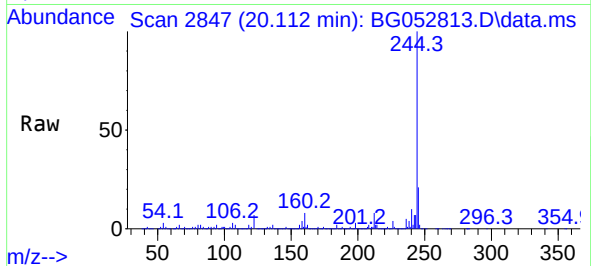




#79
Terphenyl-d14
Concen: 68.307 ng
RT: 20.112 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

Instrument :
BNA_G
ClientSampleId :
MW-49

Tgt Ion:244 Resp: 963745
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.8 5.8 8.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.105 min Scan# 3697
Delta R.T. -0.006 min
Lab File: BG052813.D
Acq: 24 Mar 2022 17:43

Tgt Ion:264 Resp: 266522
Ion Ratio Lower Upper
264 100
260 21.1 18.2 27.2
265 20.4 15.1 22.7

