

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053802.D
 Acq On : 2 Jun 2022 22:16
 Operator : CG/JU
 Sample : N3080-05RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5RE

Quant Time: Jun 03 02:28:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	11544	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	50832	20.000	ng	# 0.00
39) Acenaphthene-d10	14.711	164	49136	20.000	ng	0.00
64) Phenanthrene-d10	17.455	188	182255	20.000	ng	0.00
76) Chrysene-d12	21.732	240	217246	20.000	ng	# 0.00
86) Perylene-d12	24.993	264	191480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	100469	159.820	ng	0.00
7) Phenol-d6	7.238	99	133414	156.671	ng	0.00
23) Nitrobenzene-d5	9.247	82	90652	117.110	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	143513	240.615	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	283881	86.431	ng	0.00
79) Terphenyl-d14	20.064	244	1268042	116.120	ng	0.00

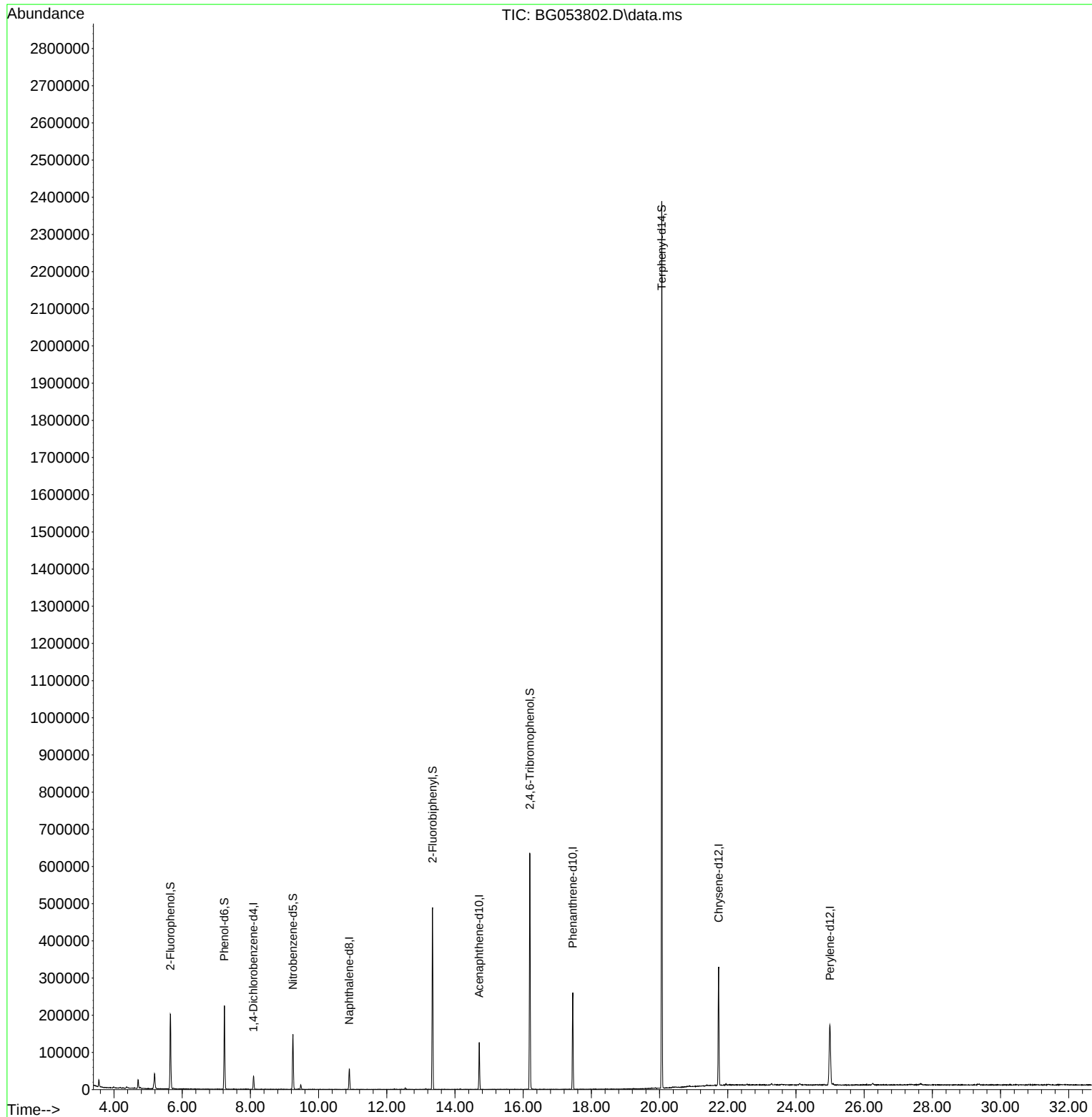
Target Compounds	Qvalue

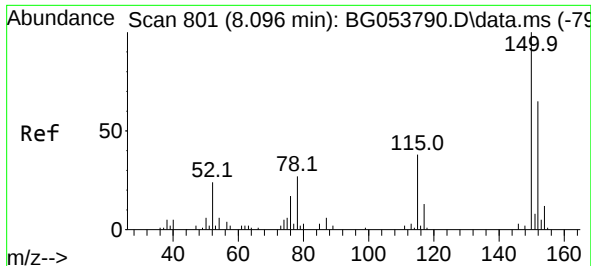
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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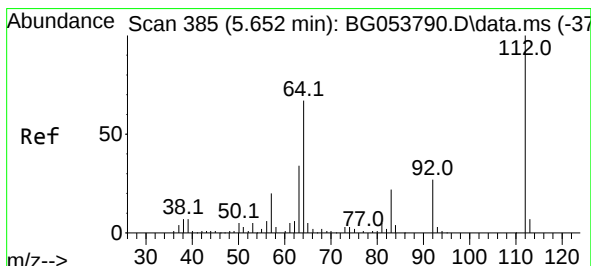
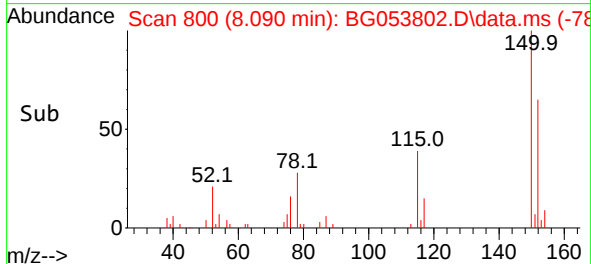
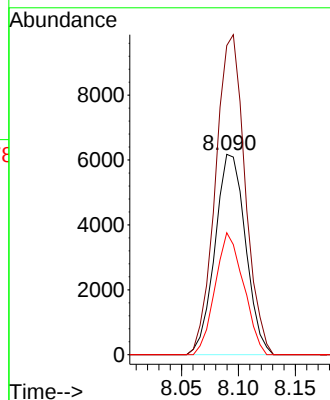
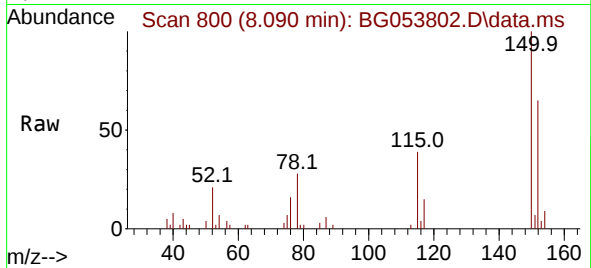




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 801
Delta R.T. -0.006 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

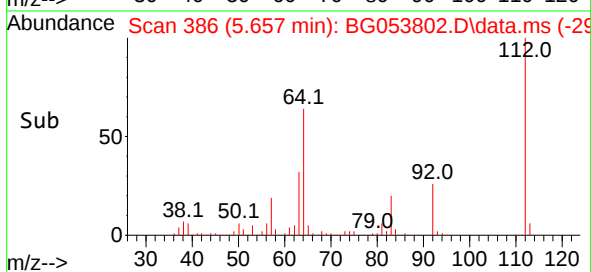
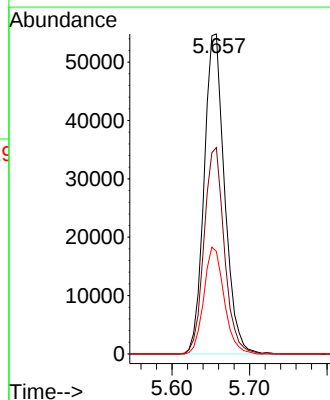
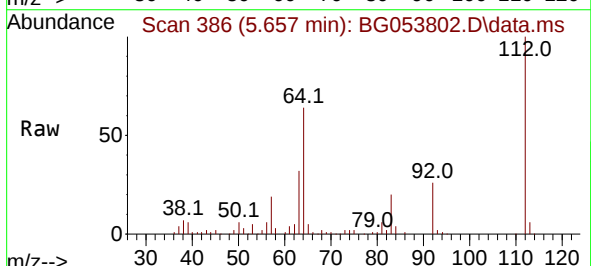
Instrument :
BNA_G
ClientSampleId :
WC-5RE

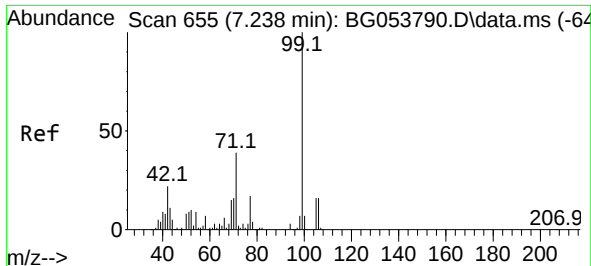
Tgt Ion:152 Resp: 11544
Ion Ratio Lower Upper
152 100
150 154.3 131.6 197.4
115 60.9 50.9 76.3



#5
2-Fluorophenol
Concen: 159.820 ng
RT: 5.657 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion:112 Resp: 100469
Ion Ratio Lower Upper
112 100
64 64.5 55.1 82.7
63 32.0 30.4 45.6

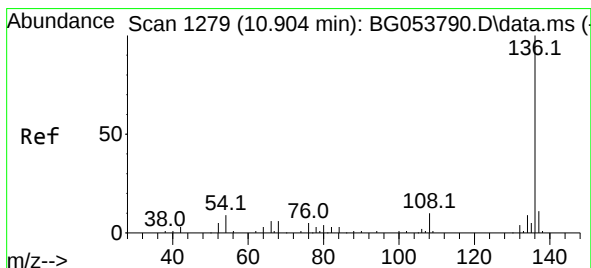
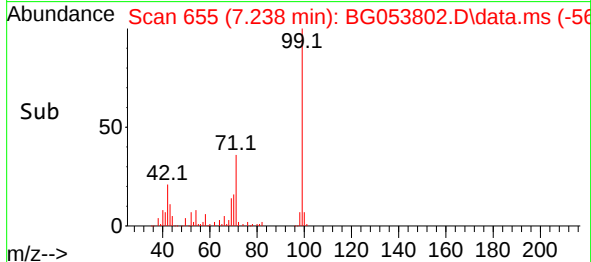
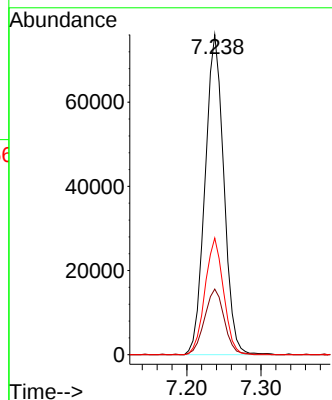
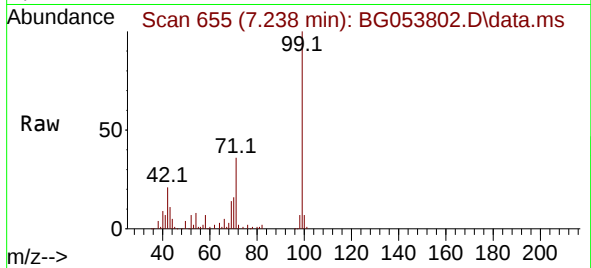




#7
Phenol-d6
Concen: 156.671 ng
RT: 7.238 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

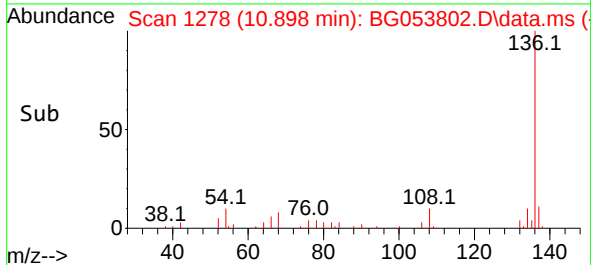
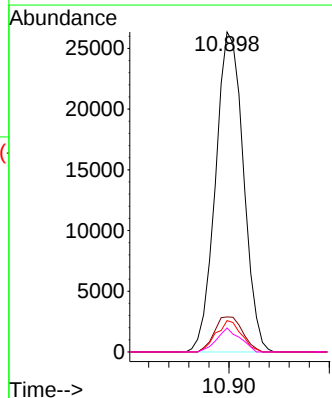
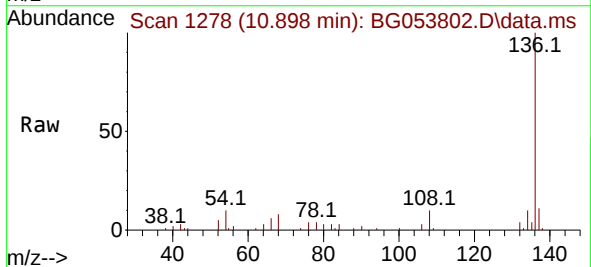
Instrument :
BNA_G
ClientSampleId :
WC-5RE

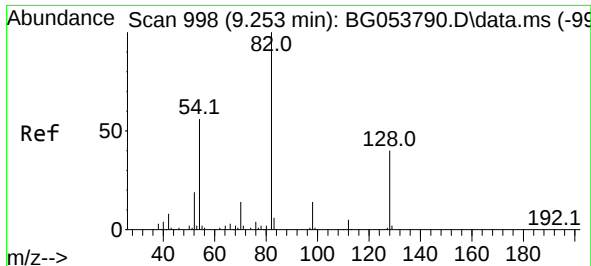
Tgt Ion: 99 Resp: 133414
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 36.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion:136 Resp: 50832
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.8 7.4 11.2
68 7.5 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 117.110 ng

RT: 9.247 min Scan# 998

Delta R.T. -0.006 min

Lab File: BG053802.D

Acq: 2 Jun 2022 22:16

Instrument :

BNA_G

ClientSampleId :

WC-5RE

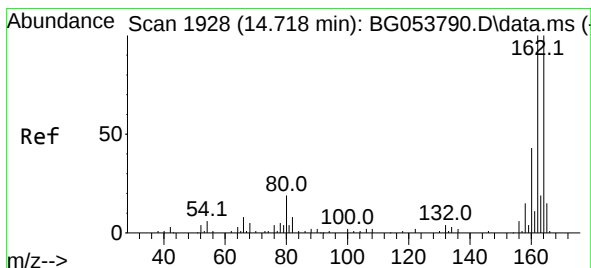
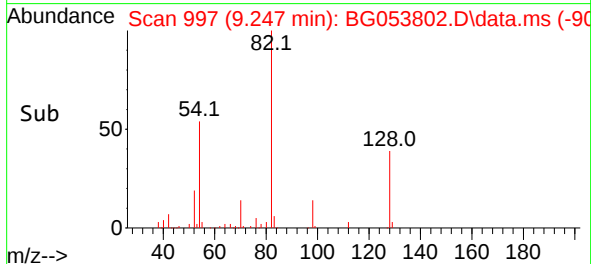
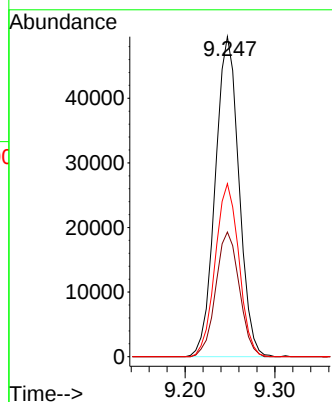
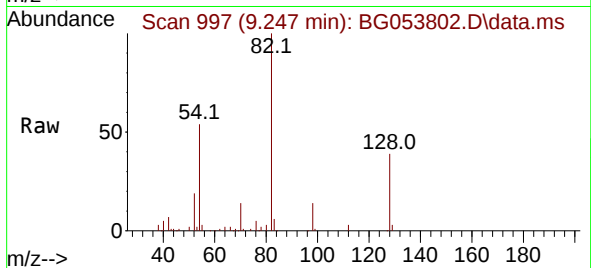
Tgt Ion: 82 Resp: 90652

Ion Ratio Lower Upper

82 100

128 39.0 27.9 41.9

54 54.0 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.711 min Scan# 1927

Delta R.T. -0.007 min

Lab File: BG053802.D

Acq: 2 Jun 2022 22:16

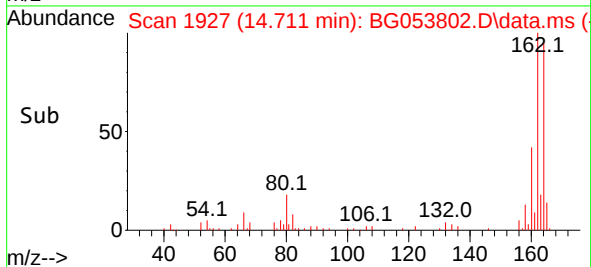
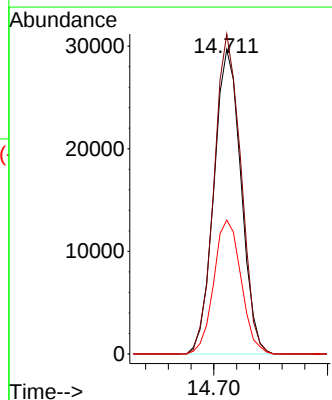
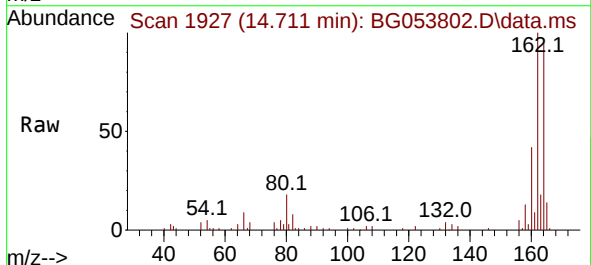
Tgt Ion: 164 Resp: 49136

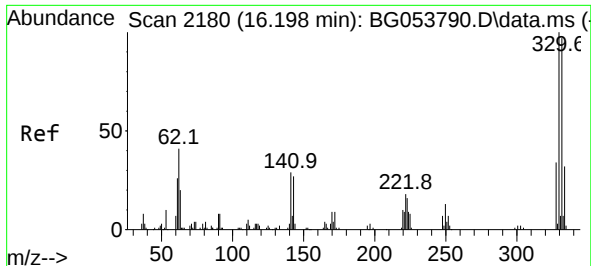
Ion Ratio Lower Upper

164 100

162 105.1 82.3 123.5

160 44.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 240.615 ng

RT: 16.198 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG053802.D

Acq: 2 Jun 2022 22:16

Instrument :

BNA_G

ClientSampleId :

WC-5RE

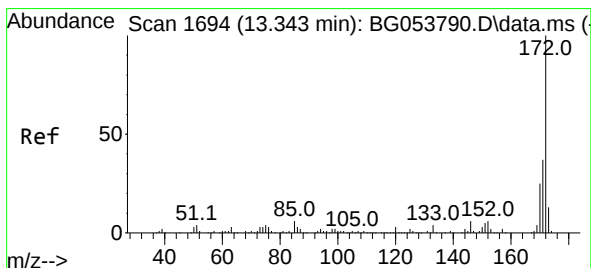
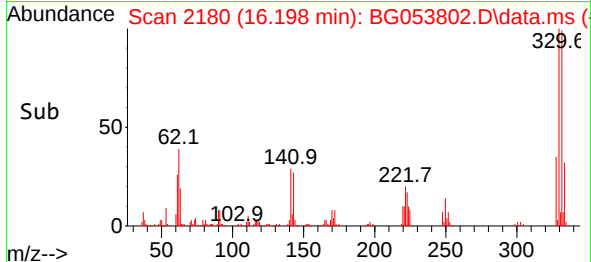
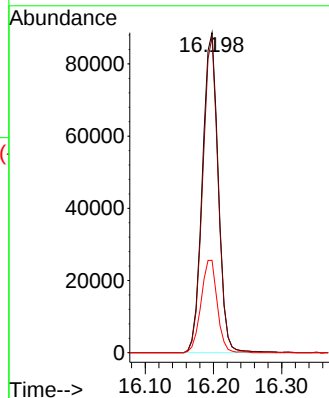
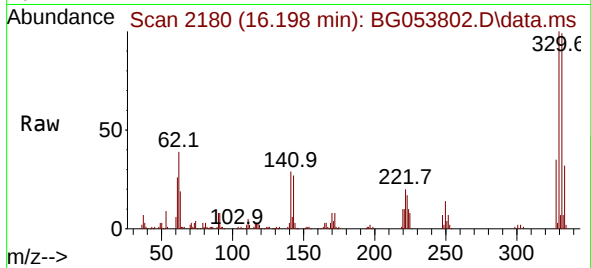
Tgt Ion:330 Resp: 143513

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

141 29.4 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 86.431 ng

RT: 13.342 min Scan# 1694

Delta R.T. -0.001 min

Lab File: BG053802.D

Acq: 2 Jun 2022 22:16

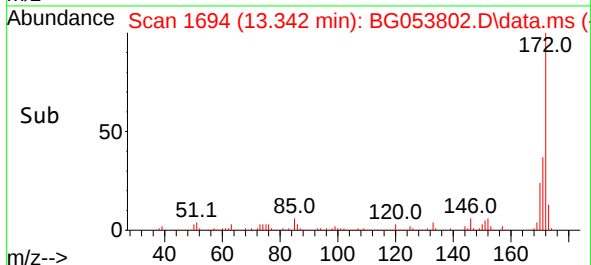
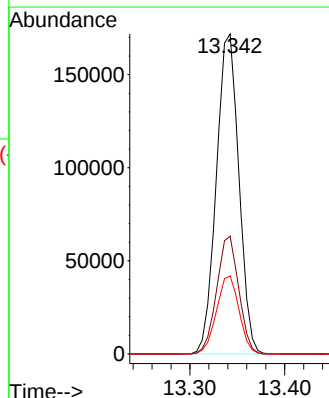
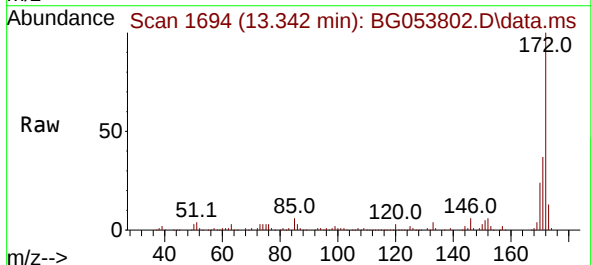
Tgt Ion:172 Resp: 283881

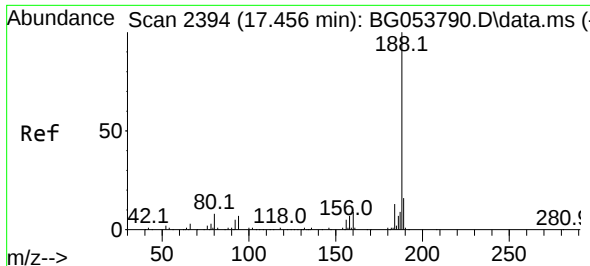
Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

170 24.4 18.9 28.3

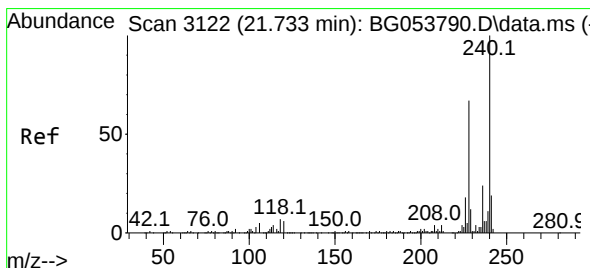
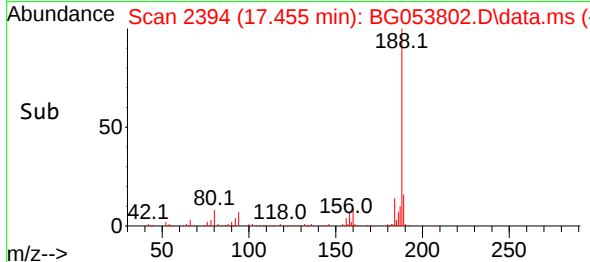
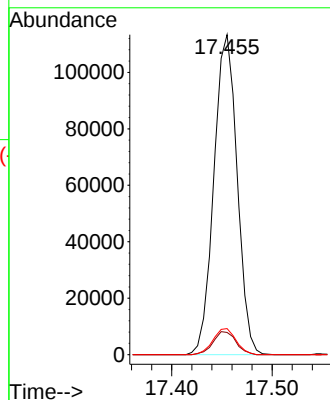
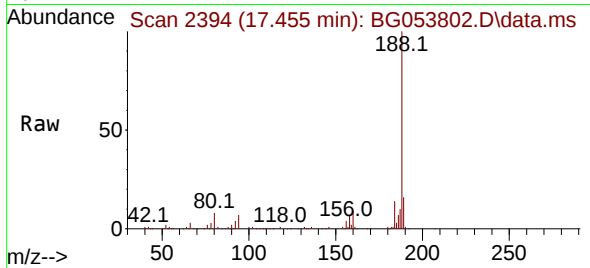




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.455 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

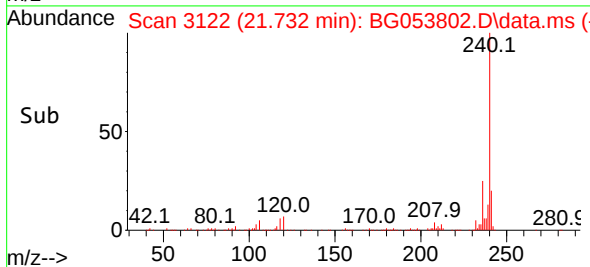
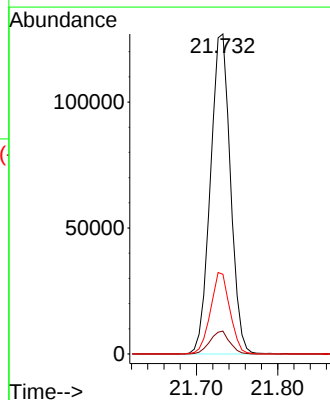
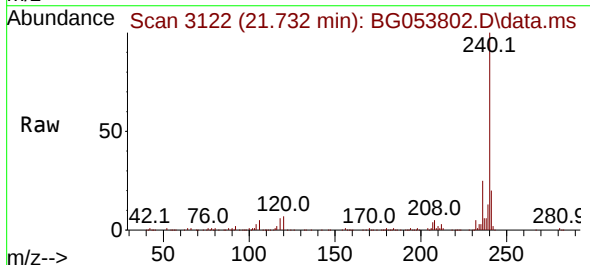
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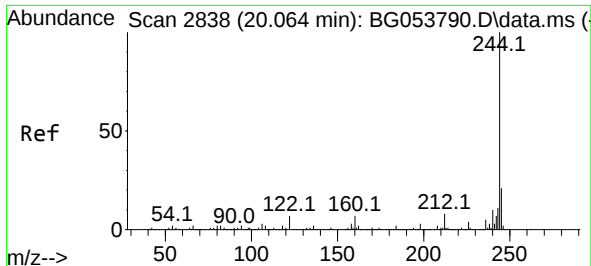
Tgt Ion:188 Resp: 182255
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.732 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BG053802.D
Acq: 2 Jun 2022 22:16

Tgt Ion:240 Resp: 217246
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 24.9 20.2 30.4

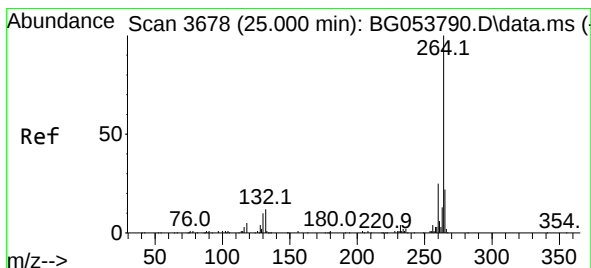
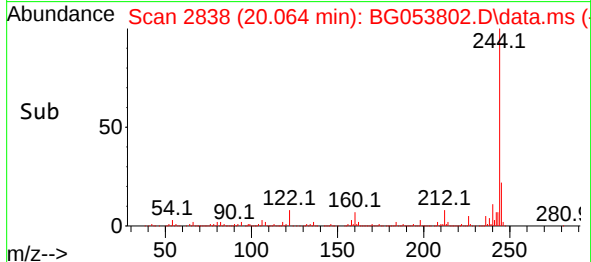
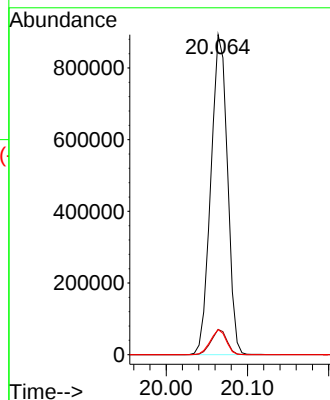
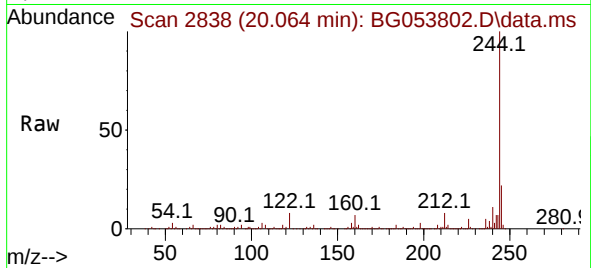




#79
 Terphenyl-d14
 Concen: 116.120 ng
 RT: 20.064 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053802.D
 Acq: 2 Jun 2022 22:16

Instrument :
 BNA_G
 ClientSampleId :
 WC-5RE

Tgt Ion:244 Resp: 1268042
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 7.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.993 min Scan# 3677
 Delta R.T. -0.006 min
 Lab File: BG053802.D
 Acq: 2 Jun 2022 22:16

Tgt Ion:264 Resp: 191480
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.6 17.4 26.2

