

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053720.D
 Acq On : 26 May 2022 17:04
 Operator : CG/JU
 Sample : N3059-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4922A

Quant Time: May 27 05:00:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

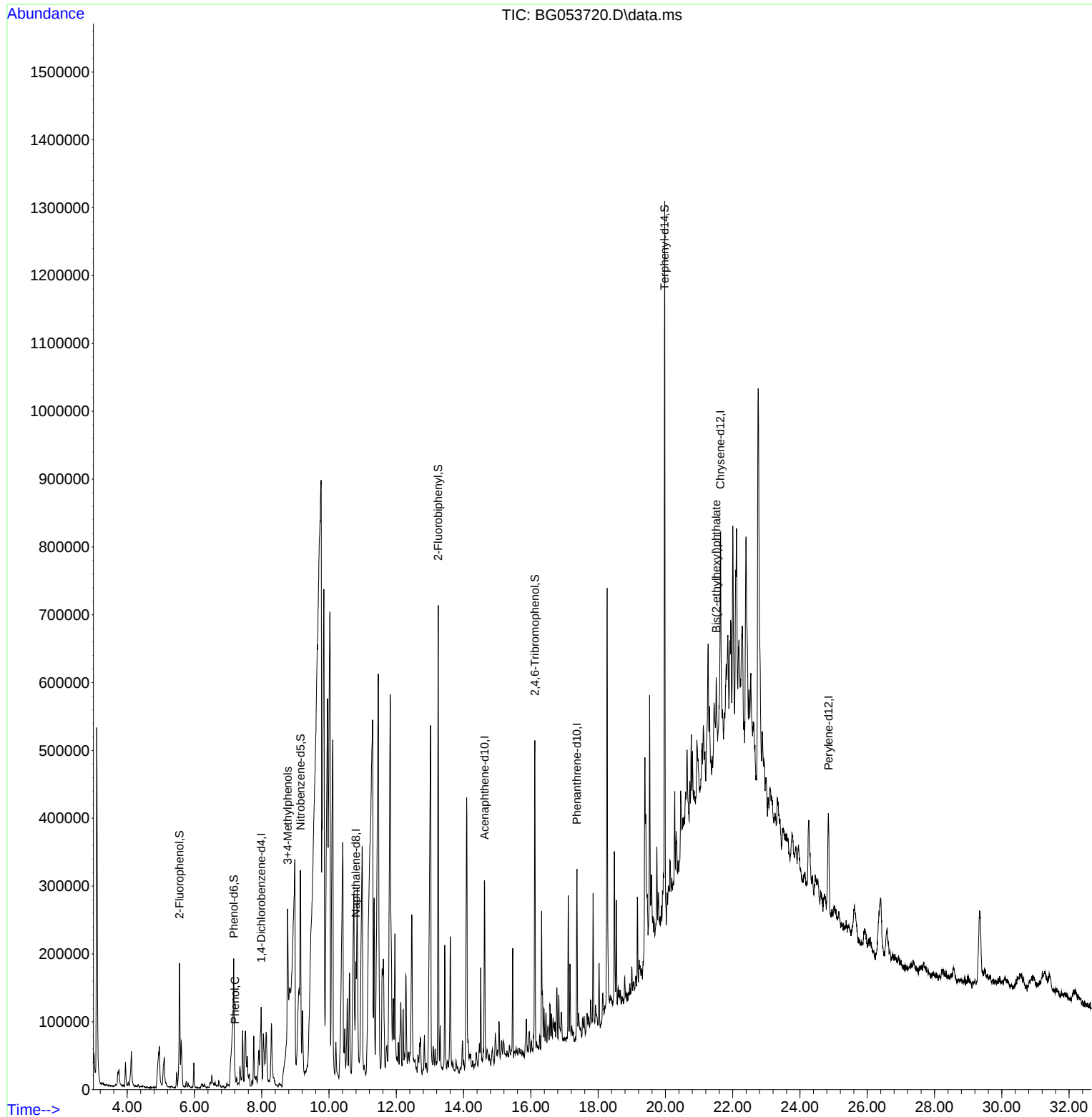
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	27116	20.000	ng	0.00
21) Naphthalene-d8	10.796	136	100853	20.000	ng	0.00
39) Acenaphthene-d10	14.626	164	68780	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	147223	20.000	ng	0.00
76) Chrysene-d12	21.634	240	142433	20.000	ng	0.00
86) Perylene-d12	24.848	264	144063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	58117	36.374	ng	0.00
7) Phenol-d6	7.172	99	53396	22.020	ng	0.00
23) Nitrobenzene-d5	9.151	82	156413	66.019	ng	0.00
42) 2,4,6-Tribromophenol	16.118	330	90789	89.498	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	330786	70.278	ng	0.00
79) Terphenyl-d14	19.978	244	512096	66.962	ng	0.00
Target Compounds						
10) Phenol	7.201	94	5312	2.240	ng	Qvalue 83
20) 3+4-Methylphenols	8.769	107	74130	32.745	ng	92
84) Bis(2-ethylhexyl)phtha...	21.511	149	30389	6.512	ng	# 94

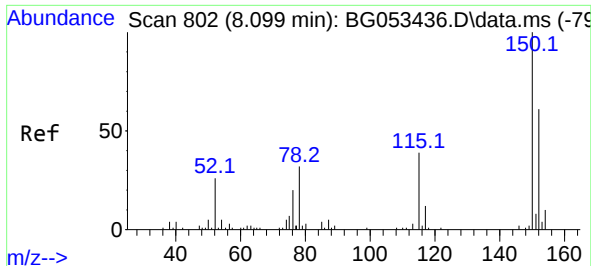
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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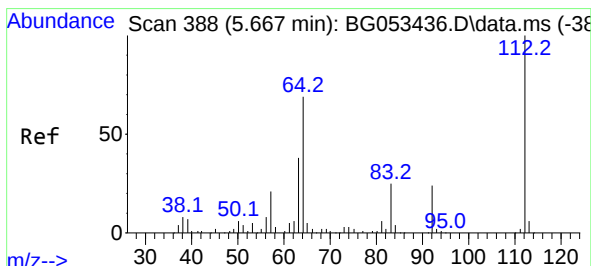
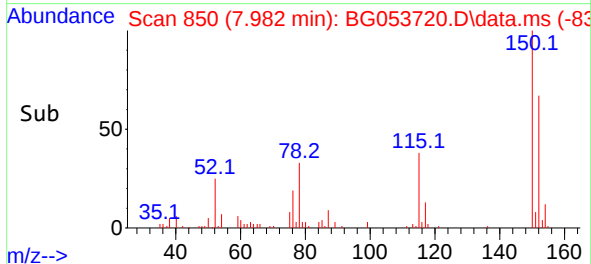
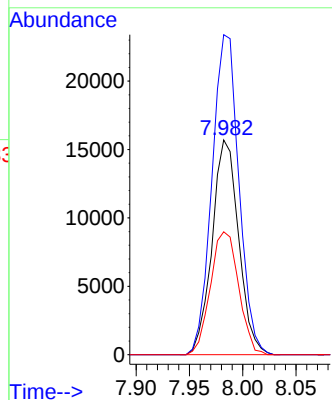
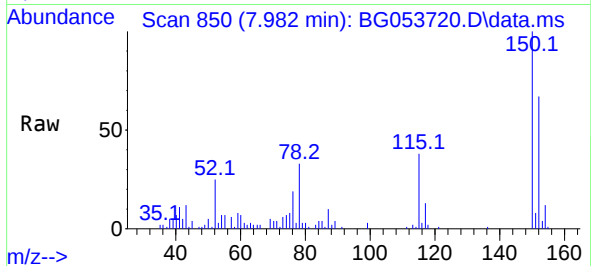




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 802
Delta R.T. -0.004 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

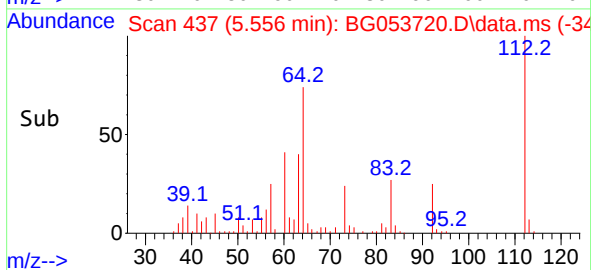
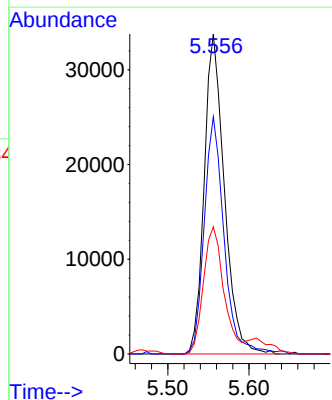
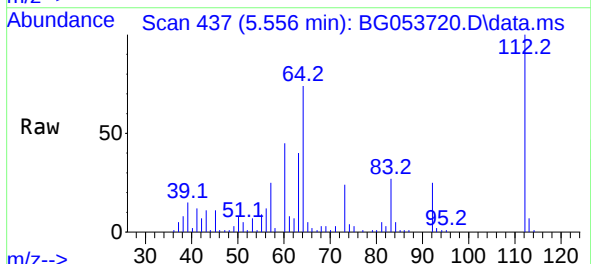
Instrument :
BNA_G
ClientSampleId :
4922A

Tgt Ion:152 Resp: 27116
Ion Ratio Lower Upper
152 100
150 149.1 131.6 197.4
115 57.2 50.9 76.3



#5
2-Fluorophenol
Concen: 36.374 ng
RT: 5.556 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

Tgt Ion:112 Resp: 58117
Ion Ratio Lower Upper
112 100
64 74.1 55.1 82.7
63 39.8 30.4 45.6

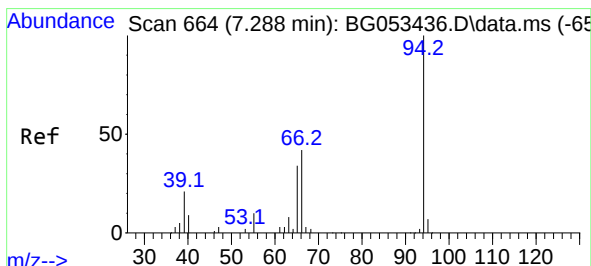
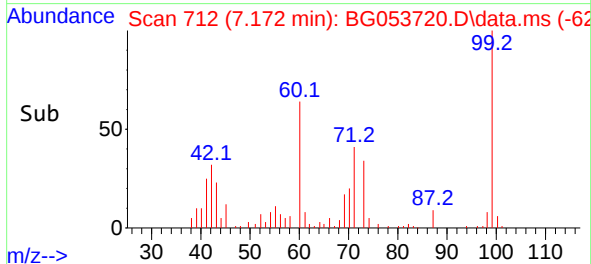
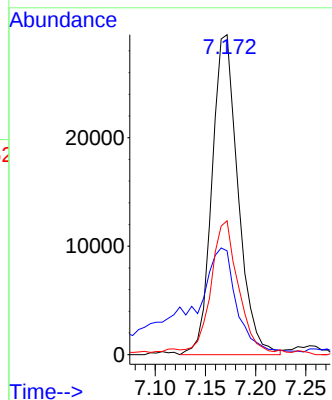
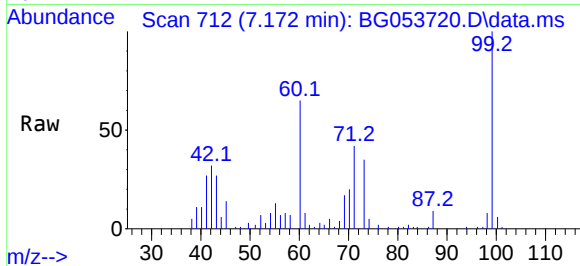




#7
Phenol-d6
Concen: 22.020 ng
RT: 7.172 min Scan# 717
Delta R.T. 0.008 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

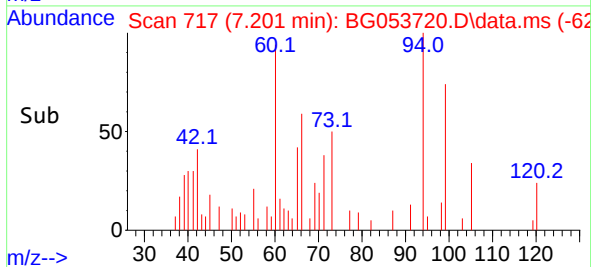
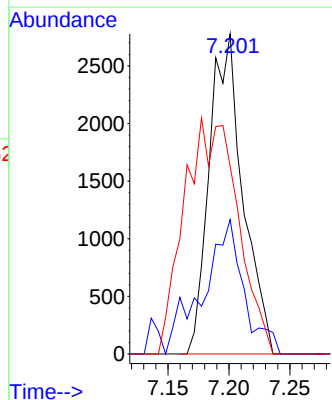
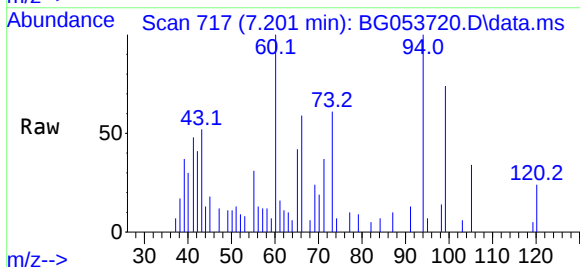
Instrument :
BNA_G
ClientSampleId :
4922A

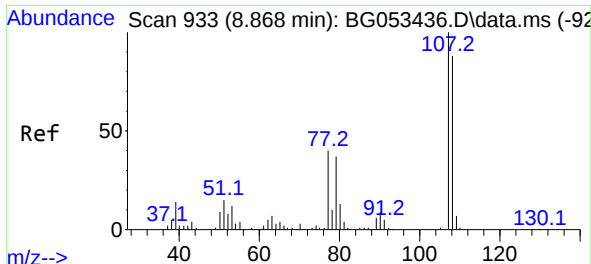
Tgt Ion: 99 Resp: 53396
Ion Ratio Lower Upper
99 100
42 32.5 17.0 25.6#
71 41.9 33.8 50.8



#10
Phenol
Concen: 2.240 ng
RT: 7.201 min Scan# 717
Delta R.T. 0.014 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

Tgt Ion: 94 Resp: 5312
Ion Ratio Lower Upper
94 100
65 42.0 14.8 54.8
66 58.7 25.2 65.2

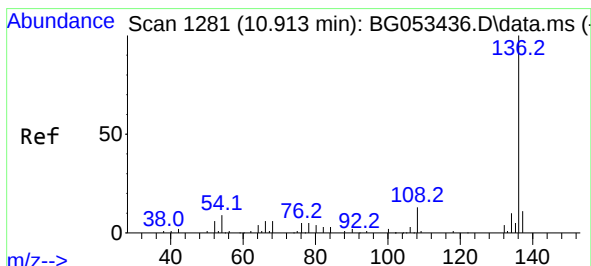
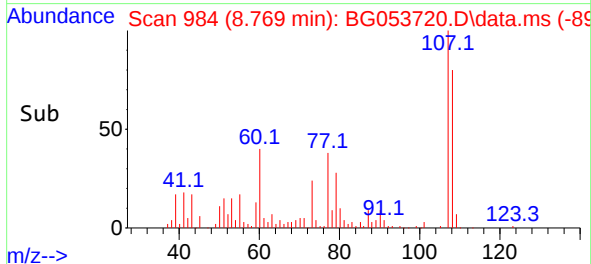
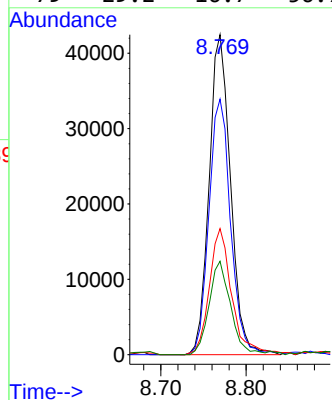
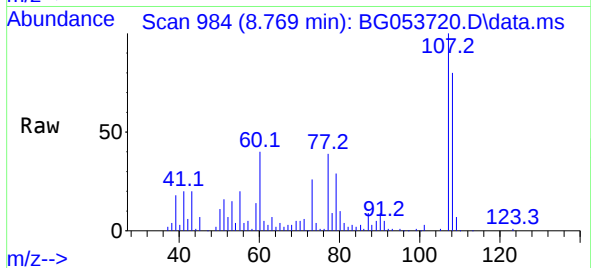




#20
3+4-Methylphenols
Concen: 32.745 ng
RT: 8.769 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

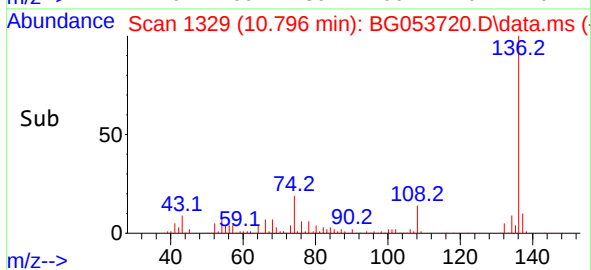
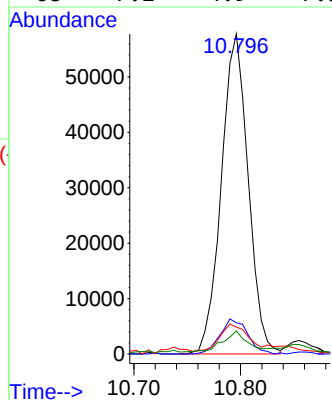
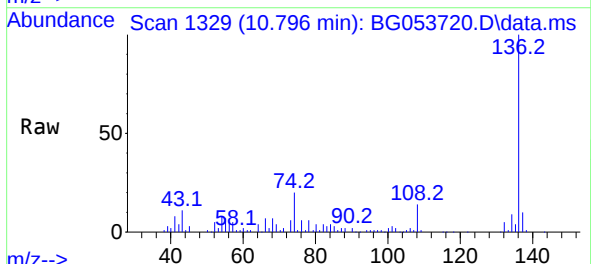
Instrument :
BNA_G
ClientSampleId :
4922A

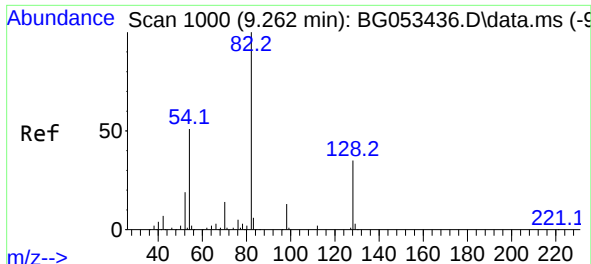
Tgt Ion:107	Resp:	74130	
Ion	Ratio	Lower	Upper
107	100		
108	79.9	67.5	107.5
77	39.4	20.3	60.3
79	29.2	16.7	56.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.796 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

Tgt	Ion:136	Resp:	100853
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.5	12.7
54	8.4	7.4	11.2
68	7.2	4.9	7.3





#23

Nitrobenzene-d5

Concen: 66.019 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG053720.D

Acq: 26 May 2022 17:04

Instrument :

BNA_G

ClientSampleId :

4922A

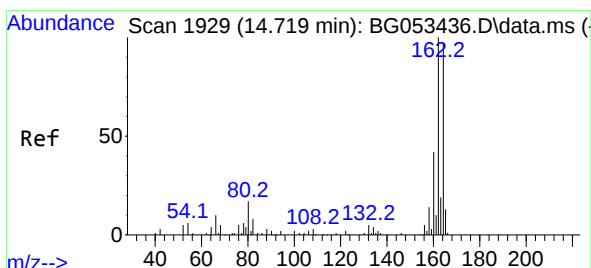
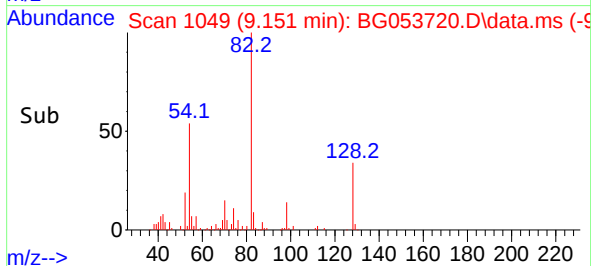
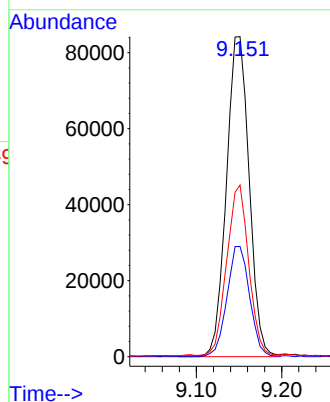
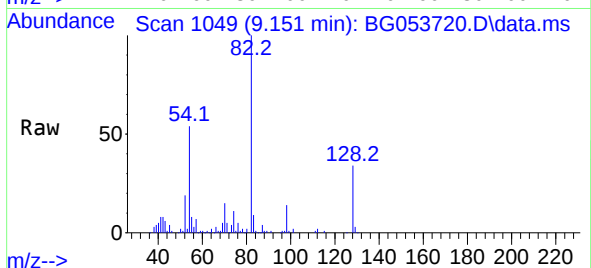
Tgt Ion: 82 Resp: 156413

Ion Ratio Lower Upper

82 100

128 34.4 27.9 41.9

54 53.7 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.626 min Scan# 1981

Delta R.T. 0.002 min

Lab File: BG053720.D

Acq: 26 May 2022 17:04

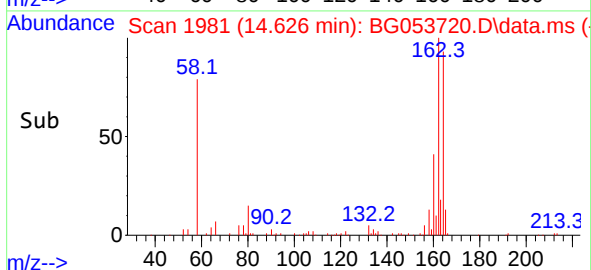
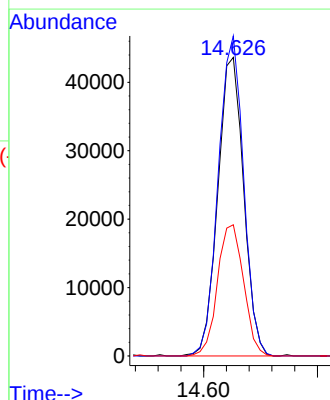
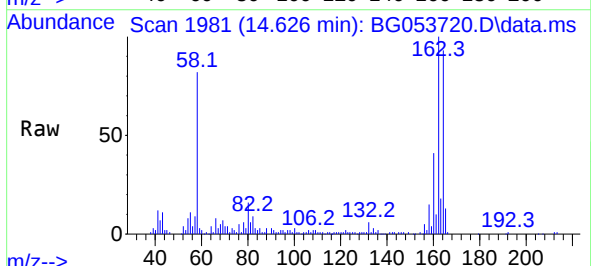
Tgt Ion:164 Resp: 68780

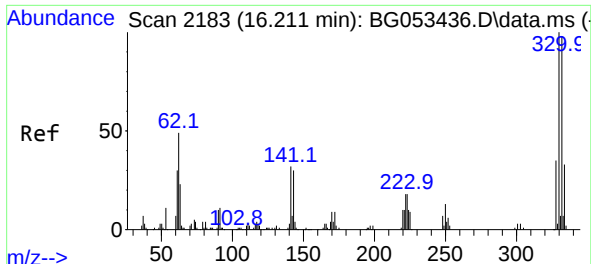
Ion Ratio Lower Upper

164 100

162 107.2 82.3 123.5

160 43.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 89.498 ng

RT: 16.118 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG053720.D

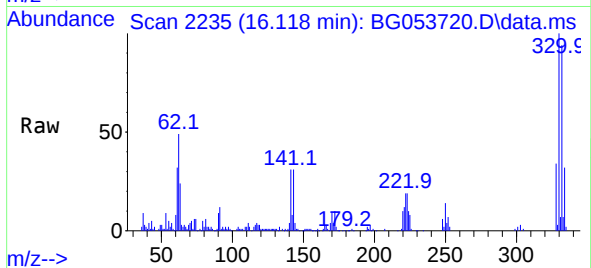
Acq: 26 May 2022 17:04

Instrument :

BNA_G

ClientSampleId :

4922A



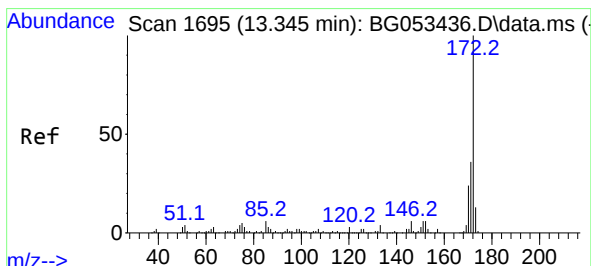
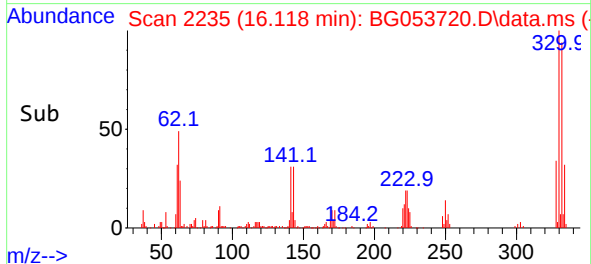
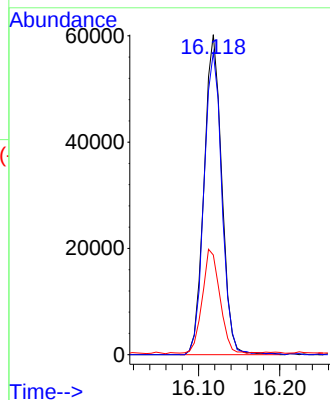
Tgt Ion:330 Resp: 90789

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 32.9 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 70.278 ng

RT: 13.246 min Scan# 1746

Delta R.T. 0.002 min

Lab File: BG053720.D

Acq: 26 May 2022 17:04

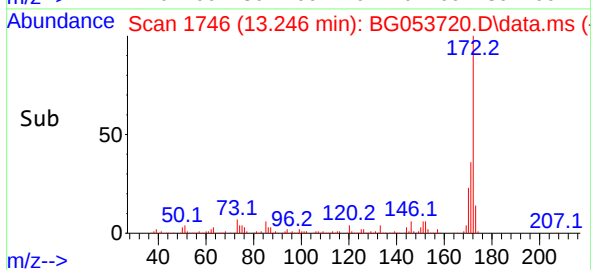
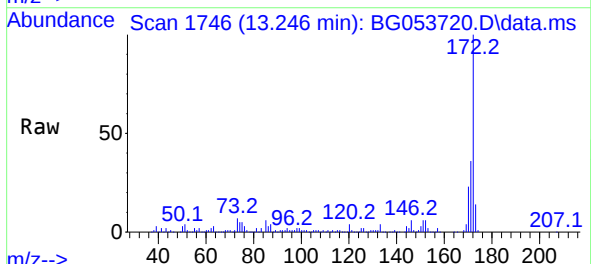
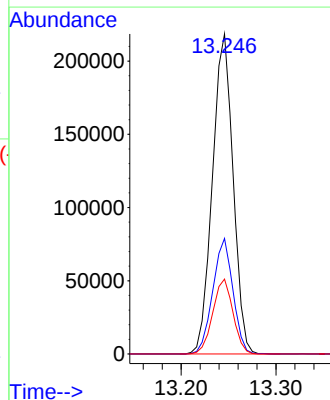
Tgt Ion:172 Resp: 330786

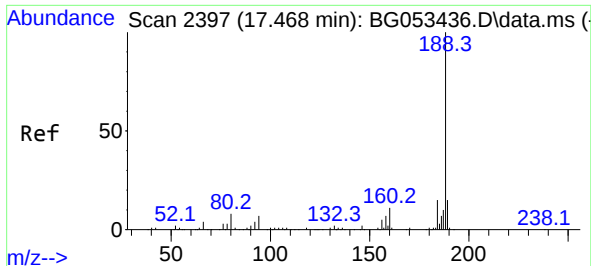
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.4 18.9 28.3

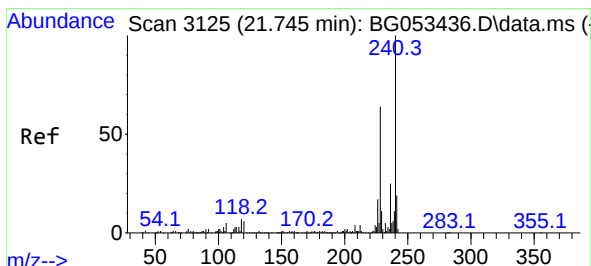
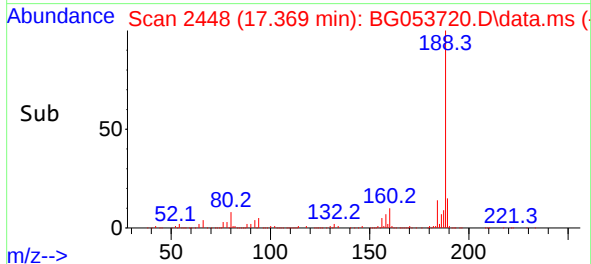
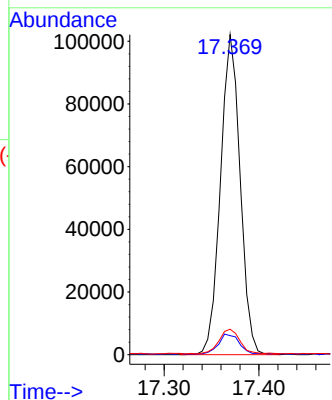
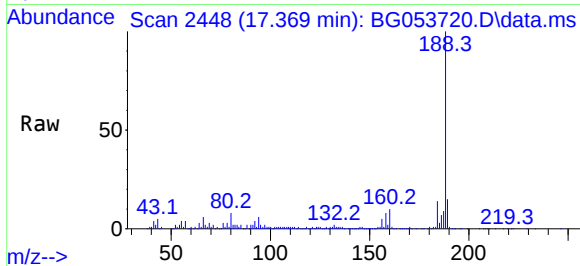




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

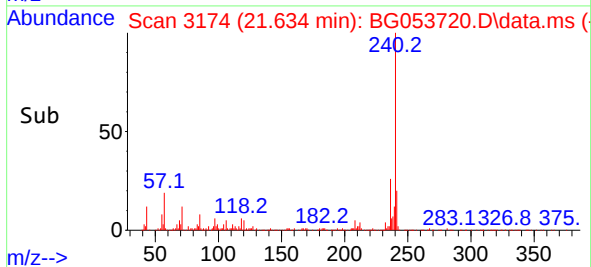
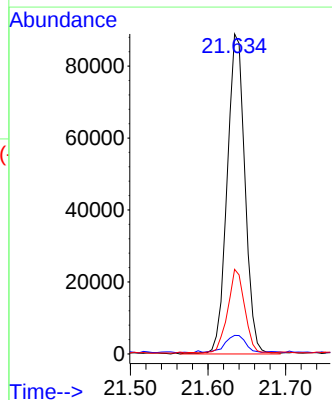
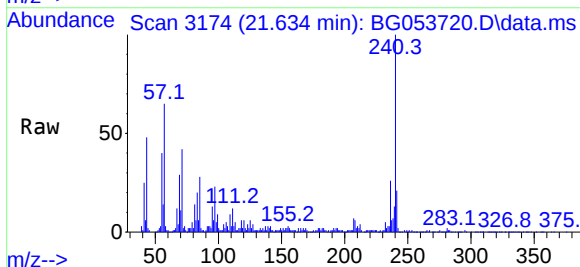
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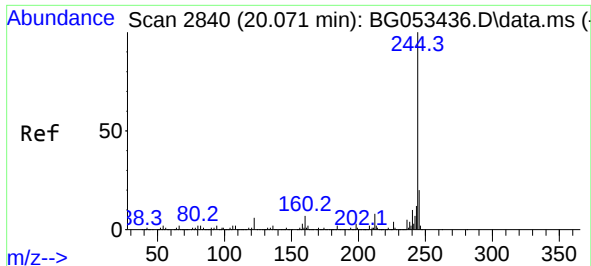
Tgt Ion:188 Resp: 147223
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

Tgt Ion:240 Resp: 142433
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 26.4 20.2 30.4

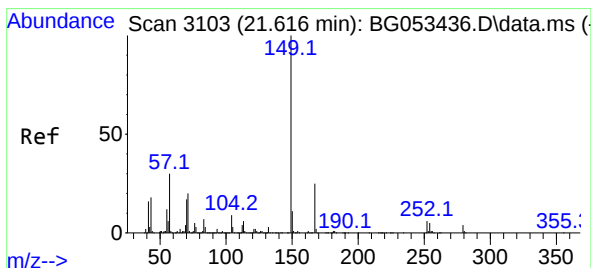
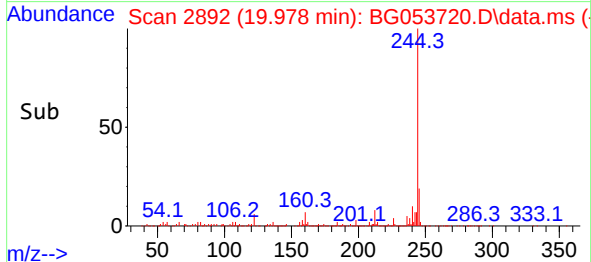
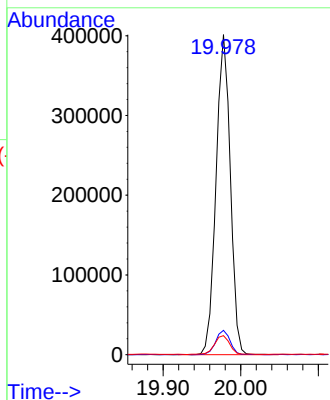
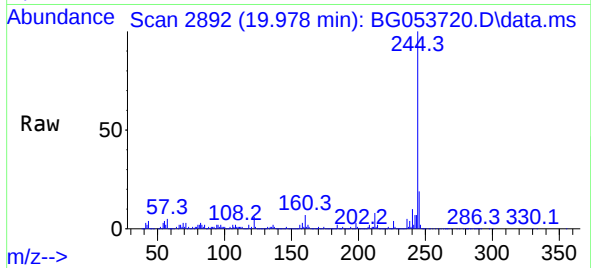




#79
 Terphenyl-d14
 Concen: 66.962 ng
 RT: 19.978 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG053720.D
 Acq: 26 May 2022 17:04

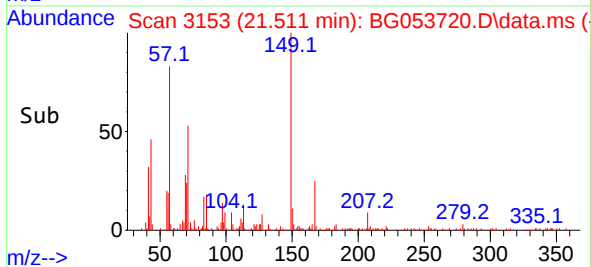
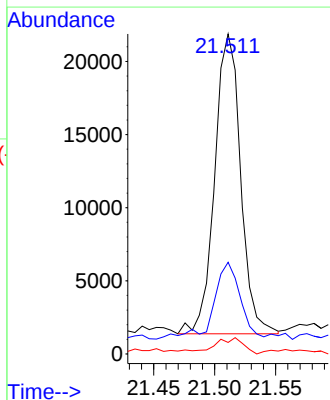
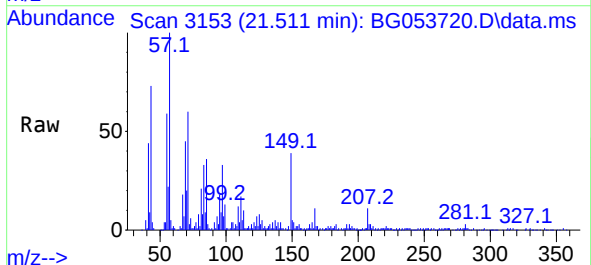
Instrument :
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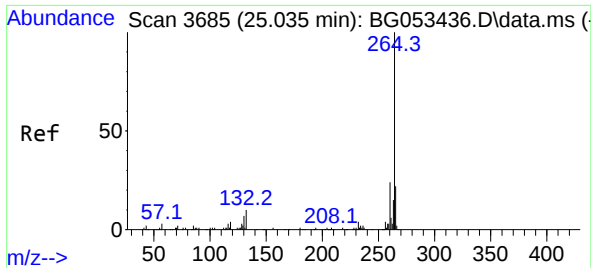
Tgt Ion:244 Resp: 512096
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.0 5.0 7.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.512 ng
 RT: 21.511 min Scan# 3153
 Delta R.T. 0.002 min
 Lab File: BG053720.D
 Acq: 26 May 2022 17:04

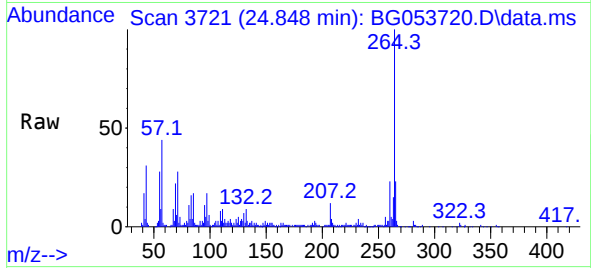
Tgt Ion:149 Resp: 30389
 Ion Ratio Lower Upper
 149 100
 167 28.7 20.2 30.4
 279 3.6 3.6 5.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.848 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG053720.D
Acq: 26 May 2022 17:04

Instrument :
BNA_G
ClientSampleId :
4922A



Tgt Ion:264 Resp: 144063
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 23.0 17.4 26.2

