

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053631.D
 Acq On : 19 May 2022 18:13
 Operator : CG/JU
 Sample : N2824-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAS-1D

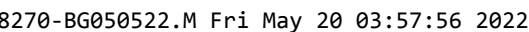
Quant Time: May 20 03:57:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

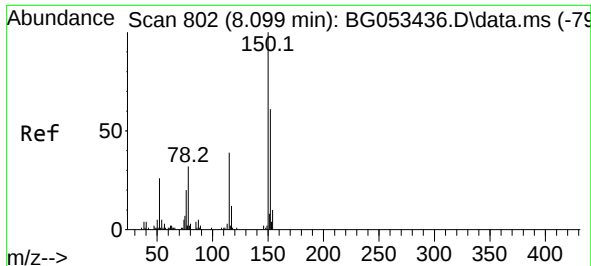
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	29036	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	115048	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	75046	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	139817	20.000	ng	# 0.00
76) Chrysene-d12	21.792	240	174907	20.000	ng	# 0.06
86) Perylene-d12	25.211	264	153430	20.000	ng	# 0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	93538	54.672	ng	0.00
7) Phenol-d6	7.241	99	140476	54.101	ng	0.00
23) Nitrobenzene-d5	9.238	82	112574	41.653	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	41441	37.441	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	249567	48.595	ng	0.00
79) Terphenyl-d14	20.071	244	347839	37.039	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	10.067	122	56	8.532	ng	# 1
70) Pentachlorophenol	17.022	266	60	4.709	ng	# 16
83) Chrysene	21.815	228	58906	5.654	ng	# 27
84) Bis(2-ethylhexyl)phtha...	21.651	149	85837	14.979	ng	# 64
85) Di-n-octyl phthalate	22.926	149	49278	5.085	ng	# 74

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

Quant Time: May 20 03:57:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
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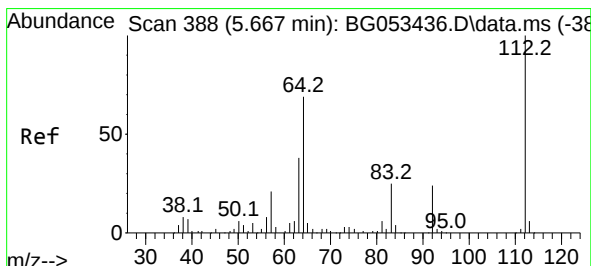
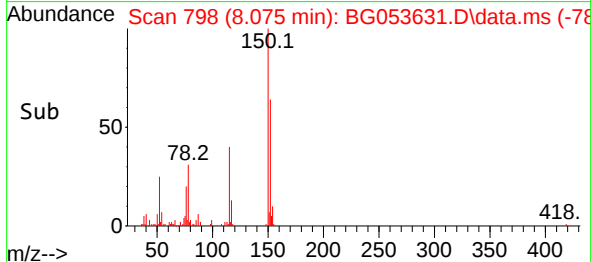
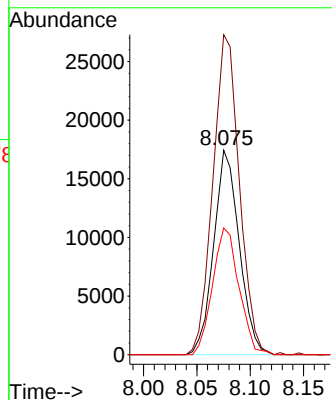
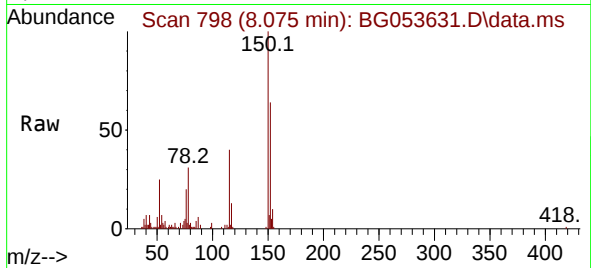




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

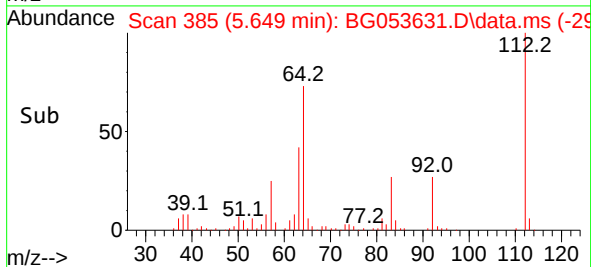
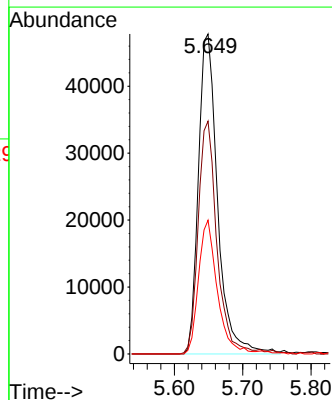
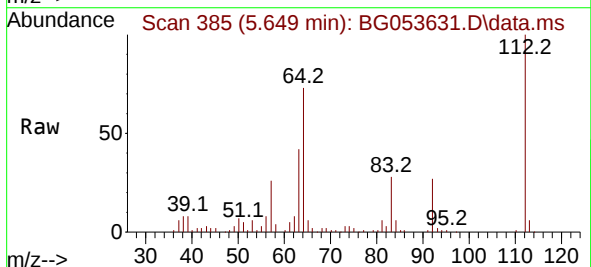
Instrument :
BNA_G
ClientSampleId :
SAS-1D

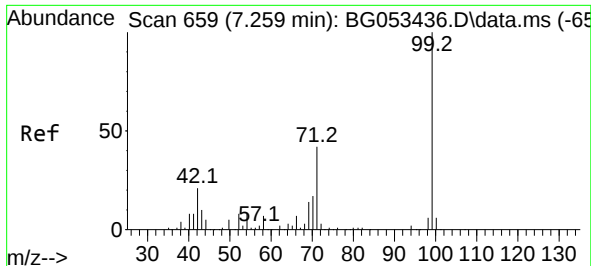
Tgt Ion:152 Resp: 29036
Ion Ratio Lower Upper
152 100
150 156.5 131.6 197.4
115 62.0 50.9 76.3



#5
2-Fluorophenol
Concen: 54.672 ng
RT: 5.649 min Scan# 385
Delta R.T. 0.006 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

Tgt Ion:112 Resp: 93538
Ion Ratio Lower Upper
112 100
64 72.8 55.1 82.7
63 41.8 30.4 45.6

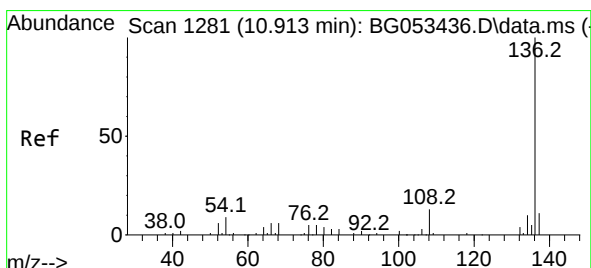
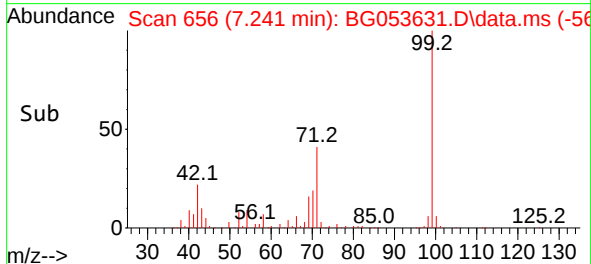
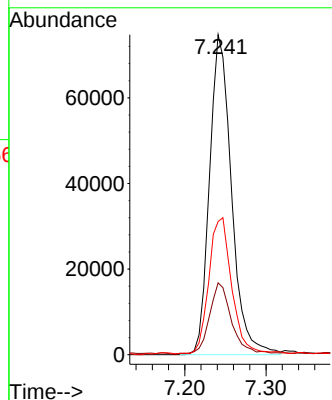
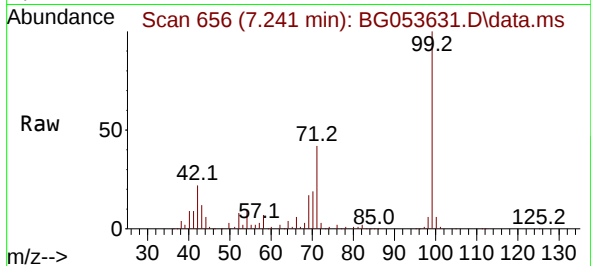




#7
Phenol-d6
Concen: 54.101 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

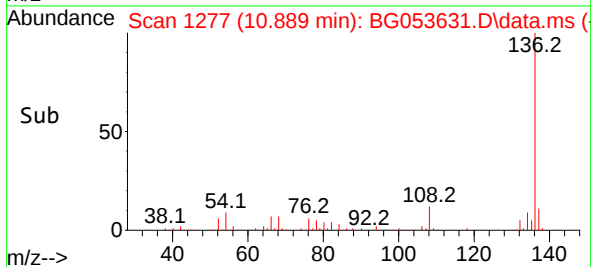
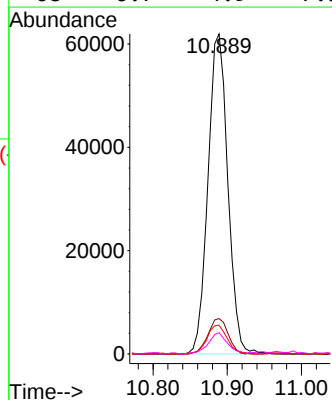
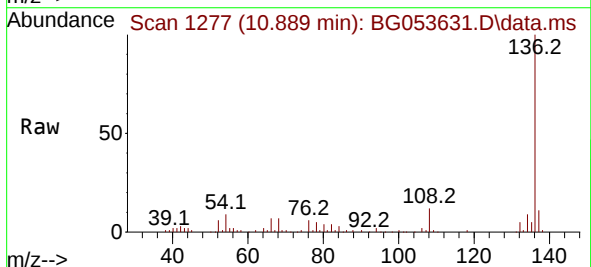
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ClientSampleId :
SAS-1D

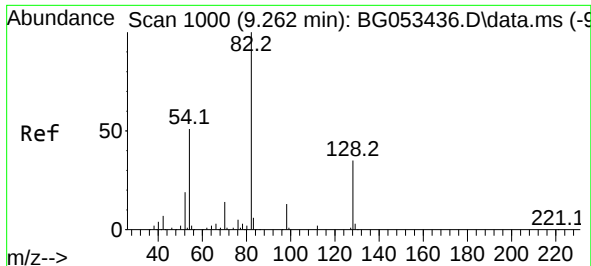
Tgt Ion: 99 Resp: 140476
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 41.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

Tgt Ion: 136 Resp: 115048
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.0 7.4 11.2
68 6.7 4.9 7.3

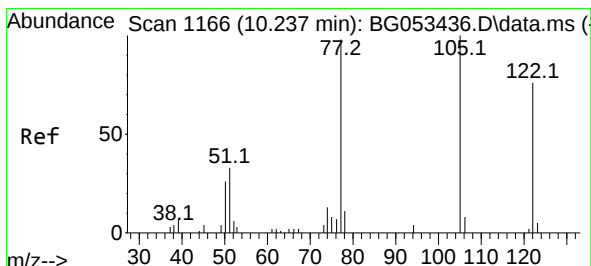
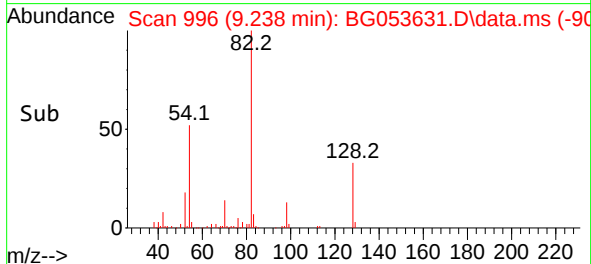
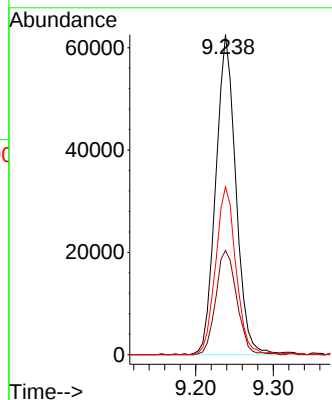
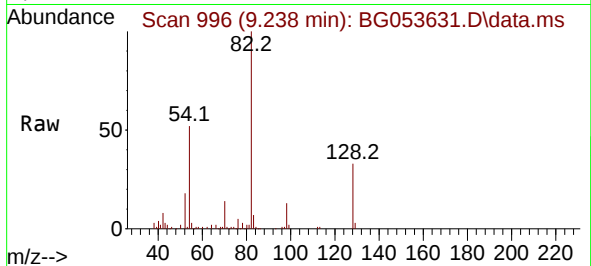




#23
Nitrobenzene-d5
Concen: 41.653 ng
RT: 9.238 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

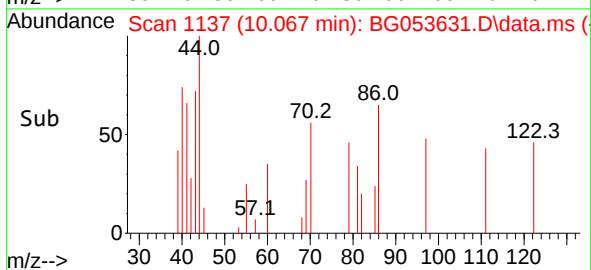
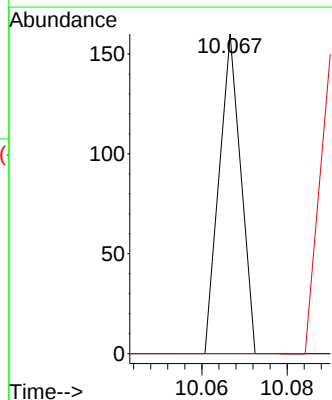
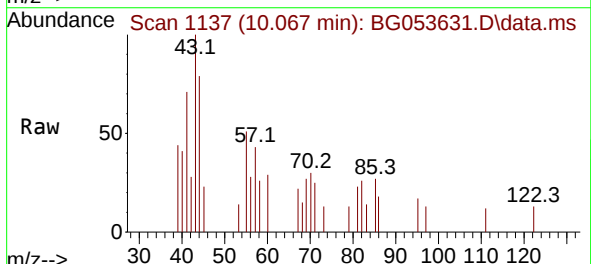
Instrument :
BNA_G
ClientSampleId :
SAS-1D

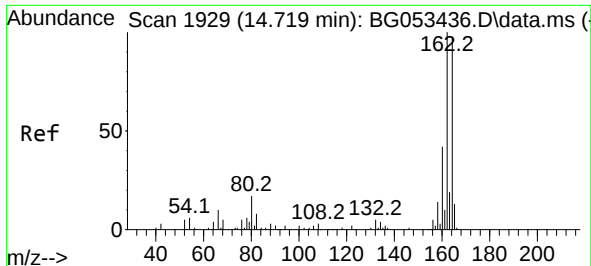
Tgt Ion: 82 Resp: 112574
Ion Ratio Lower Upper
82 100
128 32.6 27.9 41.9
54 52.5 41.2 61.8



#32
Benzoic acid
Concen: 8.532 ng
RT: 10.067 min Scan# 1137
Delta R.T. -0.153 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 0.0 109.4 149.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.701 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

Instrument :

BNA_G

ClientSampleId :

SAS-1D

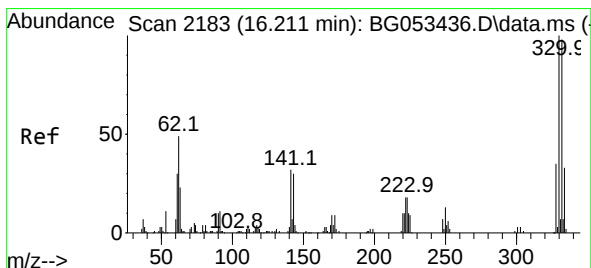
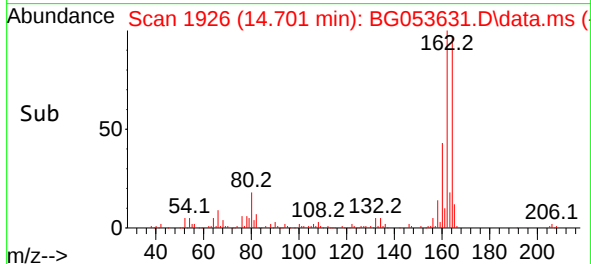
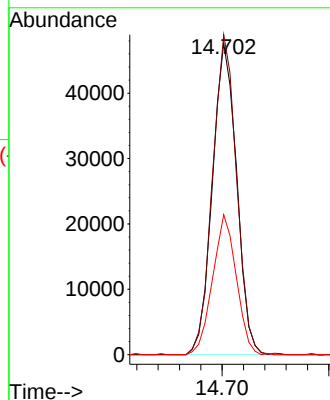
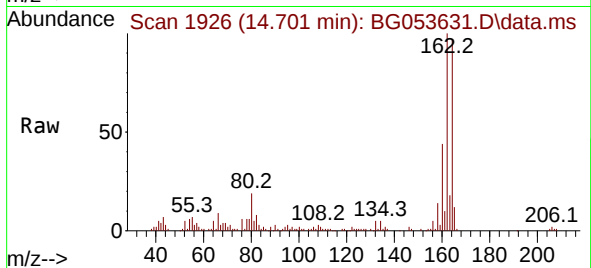
Tgt Ion:164 Resp: 75046

Ion Ratio Lower Upper

164 100

162 102.7 82.3 123.5

160 44.9 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 37.441 ng

RT: 16.194 min Scan# 2180

Delta R.T. 0.000 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

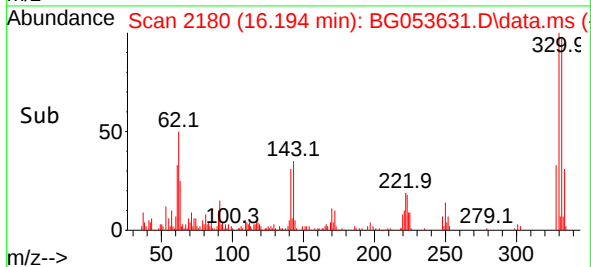
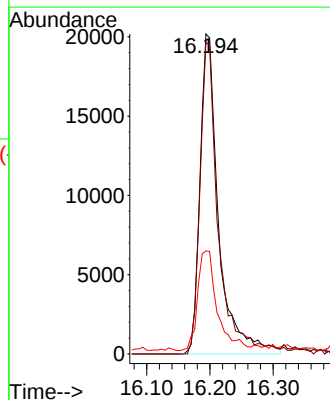
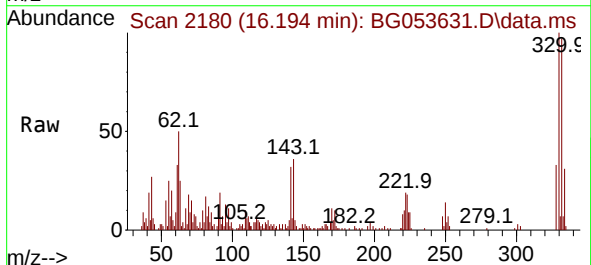
Tgt Ion:330 Resp: 41441

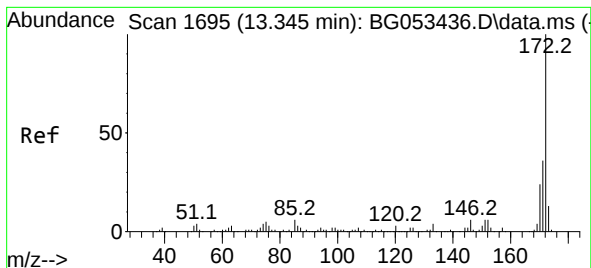
Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 32.9 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 48.595 ng

RT: 13.321 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

Instrument :

BNA_G

ClientSampleId :

SAS-1D

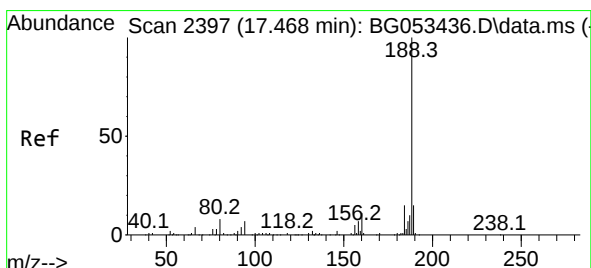
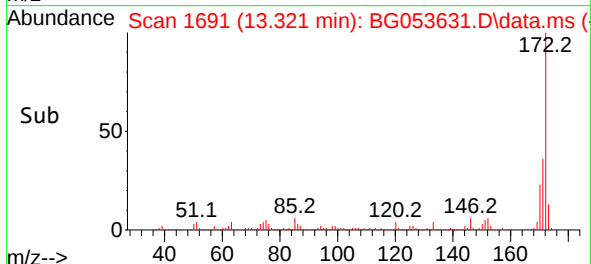
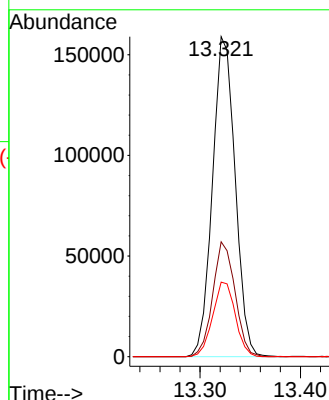
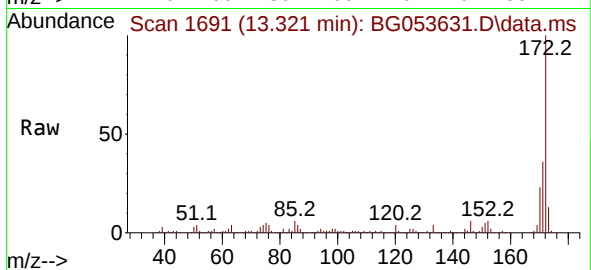
Tgt Ion:172 Resp: 249567

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.3 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.445 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

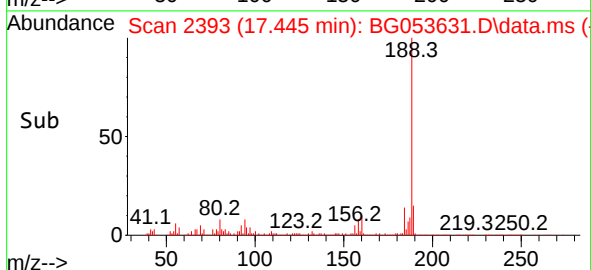
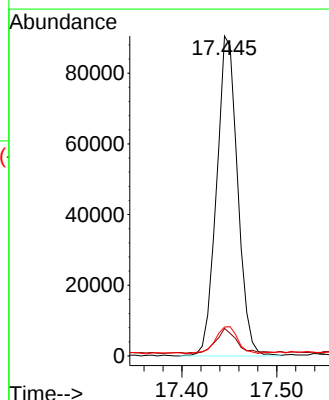
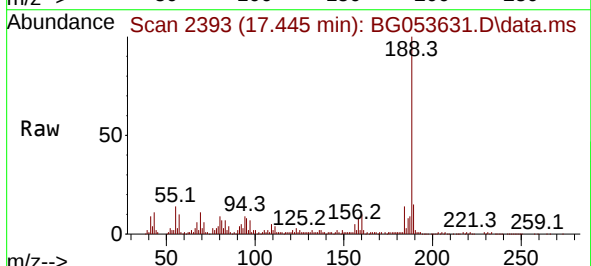
Tgt Ion:188 Resp: 139817

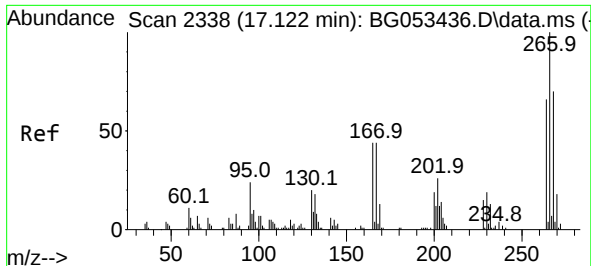
Ion Ratio Lower Upper

188 100

94 8.6 5.4 8.0#

80 9.1 6.8 10.2

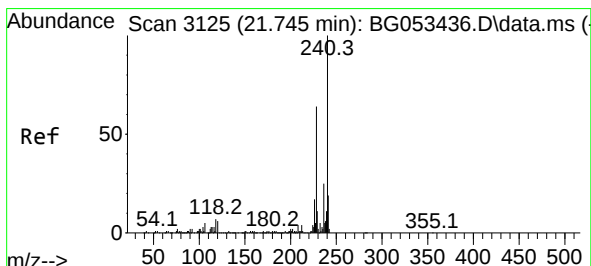
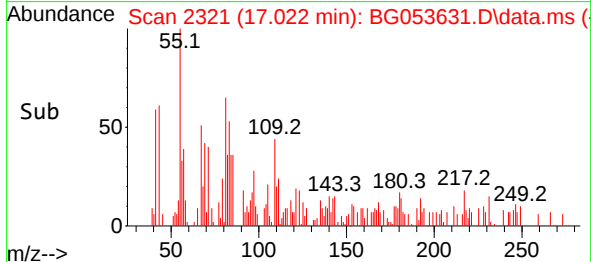
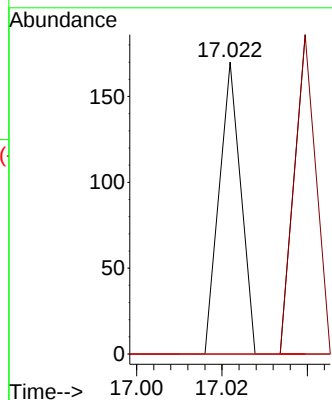
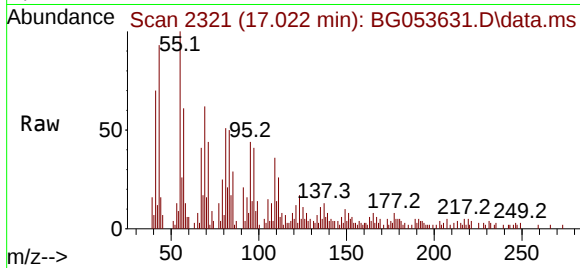




#70
 Pentachlorophenol
 Concen: 4.709 ng
 RT: 17.022 min Scan# 21
 Delta R.T. -0.088 min
 Lab File: BG053631.D
 Acq: 19 May 2022 18:13

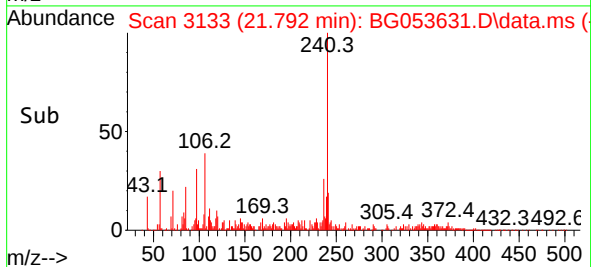
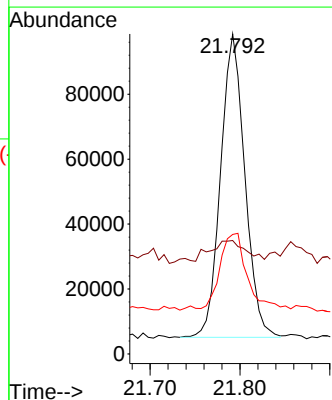
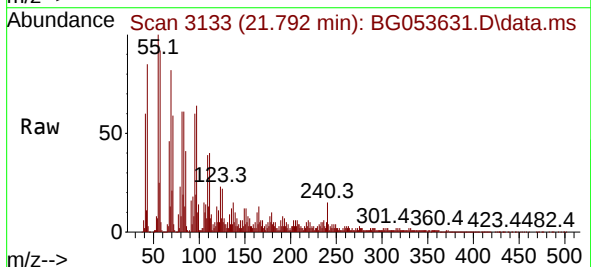
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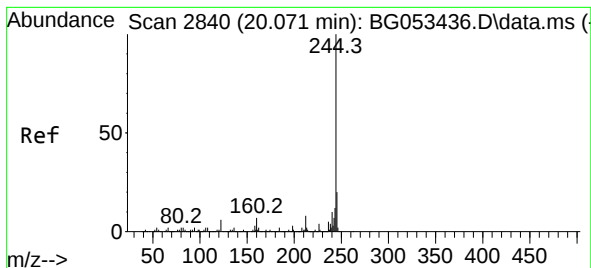
Tgt Ion:266 Resp: 60
 Ion Ratio Lower Upper
 266 100
 268 0.0 56.2 84.2#
 264 0.0 53.0 79.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.792 min Scan# 3133
 Delta R.T. 0.059 min
 Lab File: BG053631.D
 Acq: 19 May 2022 18:13

Tgt Ion:240 Resp: 174907
 Ion Ratio Lower Upper
 240 100
 120 35.4 4.6 7.0#
 236 37.4 20.2 30.4#





#79

Terphenyl-d14

Concen: 37.039 ng

RT: 20.071 min Scan# 21

Delta R.T. 0.018 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

Instrument :

BNA_G

ClientSampleId :

SAS-1D

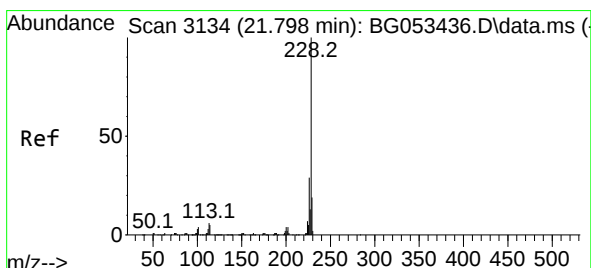
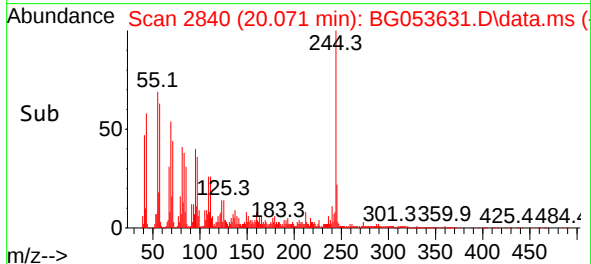
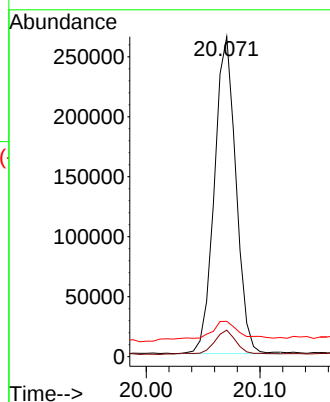
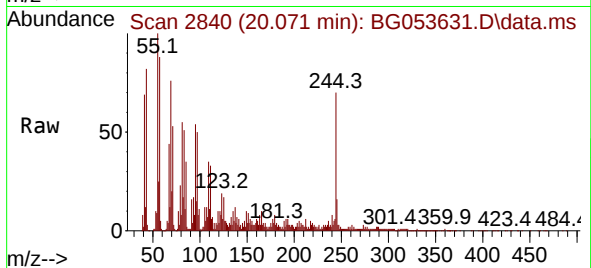
Tgt Ion:244 Resp: 347839

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.0 5.0 7.4#



#83

Chrysene

Concen: 5.654 ng

RT: 21.815 min Scan# 3137

Delta R.T. 0.041 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

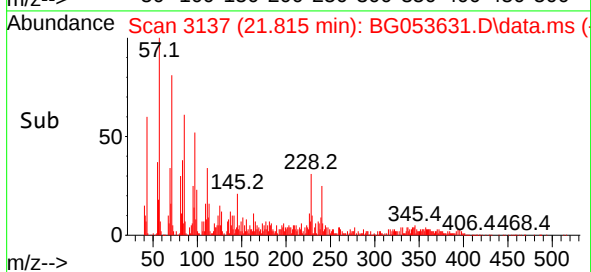
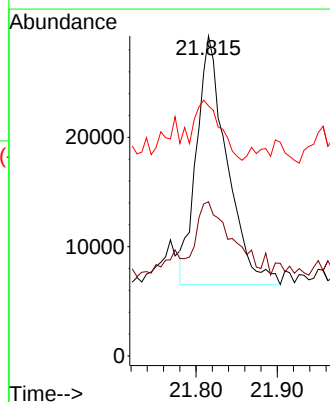
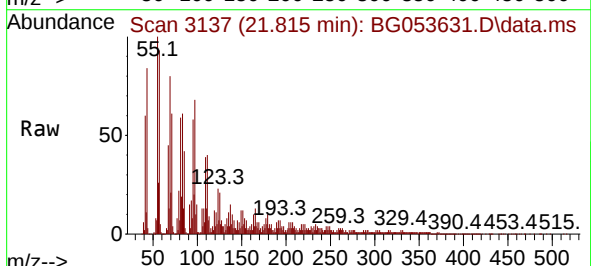
Tgt Ion:228 Resp: 58906

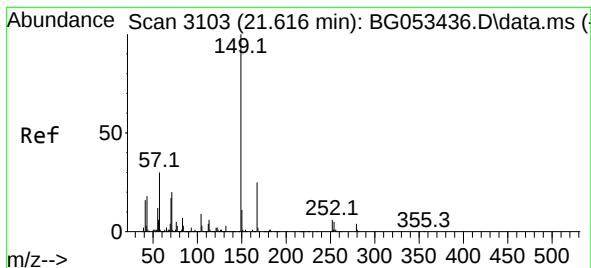
Ion Ratio Lower Upper

228 100

226 48.2 23.4 35.2#

229 78.2 15.5 23.3#

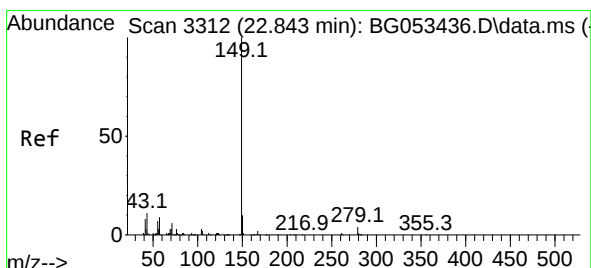
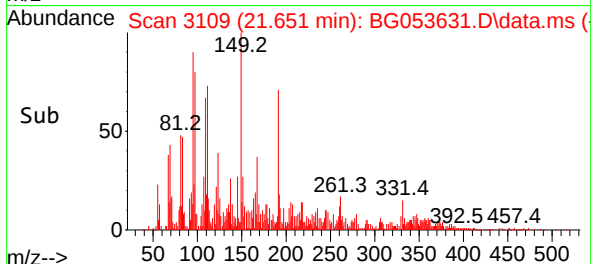
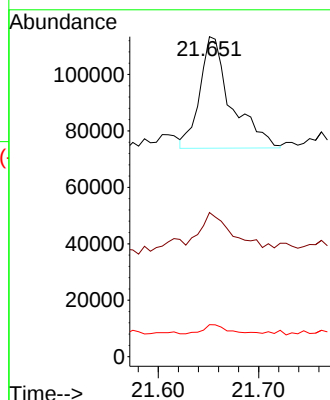
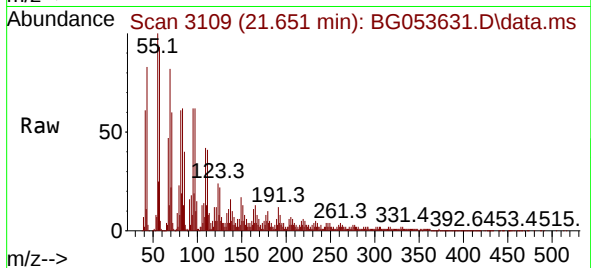




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.979 ng
RT: 21.651 min Scan# 3109
Delta R.T. 0.053 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

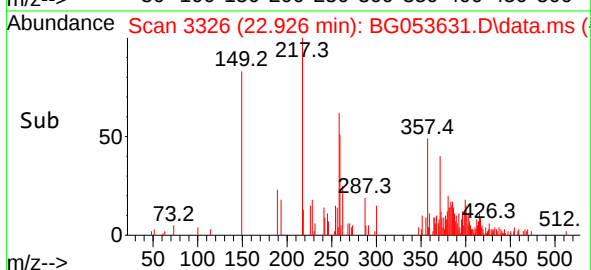
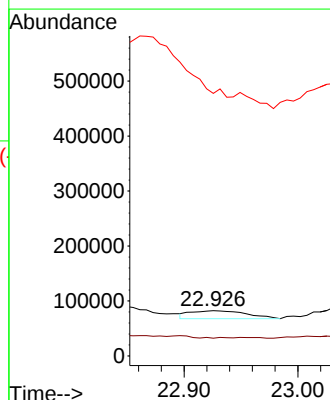
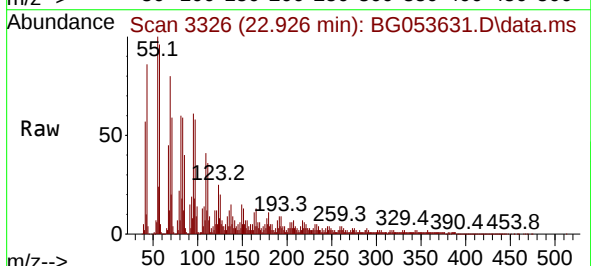
Instrument :
BNA_G
ClientSampleId :
SAS-1D

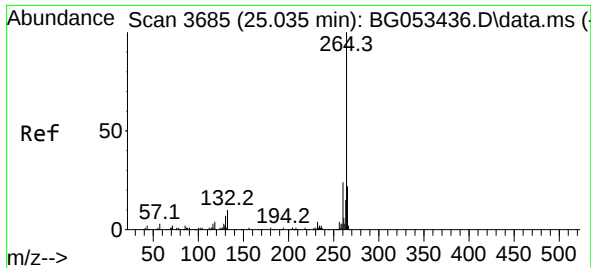
Tgt Ion:149 Resp: 85837
Ion Ratio Lower Upper
149 100
167 45.0 20.2 30.4#
279 10.0 3.6 5.4#



#85
Di-n-octyl phthalate
Concen: 5.085 ng
RT: 22.926 min Scan# 3326
Delta R.T. 0.106 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

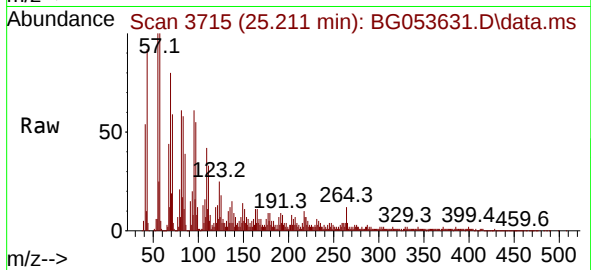
Tgt Ion:149 Resp: 49278
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.211 min Scan# 31
Delta R.T. 0.206 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

Instrument :
BNA_G
ClientSampleId :
SAS-1D



Tgt Ion:264 Resp: 153430
Ion Ratio Lower Upper
264 100
260 34.2 19.0 28.6#
265 33.6 17.4 26.2#

