

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053111.D
 Acq On : 11 Apr 2022 21:28
 Operator : CG/JU
 Sample : N2349-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DEL-4

Quant Time: Apr 12 06:08:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

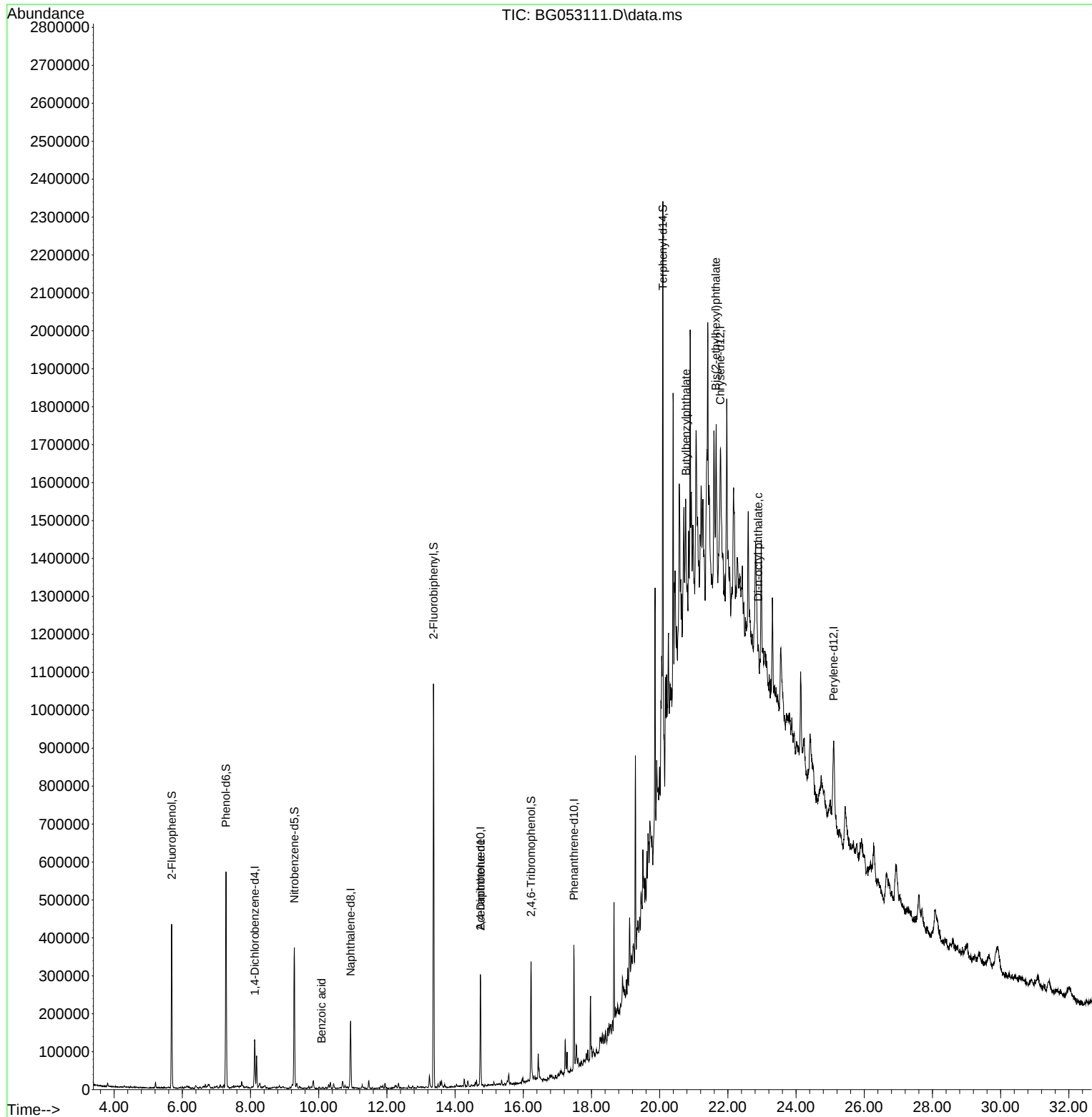
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.121	152	34429	20.000	ng	0.00
21) Naphthalene-d8	10.935	136	143691	20.000	ng	0.00
39) Acenaphthene-d10	14.741	164	104294	20.000	ng	0.00
64) Phenanthrene-d10	17.485	188	195099	20.000	ng	0.00
76) Chrysene-d12	21.779	240	166731	20.000	ng	# 0.00
86) Perylene-d12	25.098	264	157572	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	172635	85.953	ng	0.00
7) Phenol-d6	7.281	99	306522	98.965	ng	0.00
23) Nitrobenzene-d5	9.284	82	229593	64.877	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	62387	37.599	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	551252	72.883	ng	0.00
79) Terphenyl-d14	20.093	244	682365	69.120	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.083	122	53	3.666	ng	# 1
57) 2,4-Dinitrotoluene	14.741	165	13543	5.466	ng	# 25
80) Butylbenzylphthalate	20.769	149	10210	2.306	ng	# 64
84) Bis(2-ethylhexyl)phtha...	21.650	149	128233	21.429	ng	100
85) Di-n-octyl phthalate	22.889	149	25989	2.597	ng	# 77

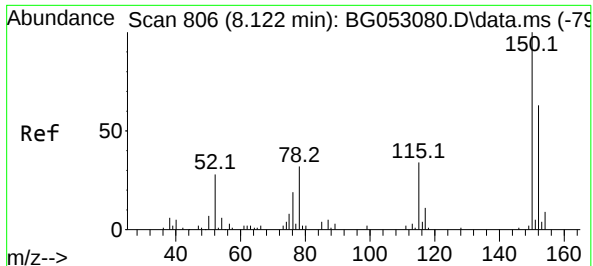
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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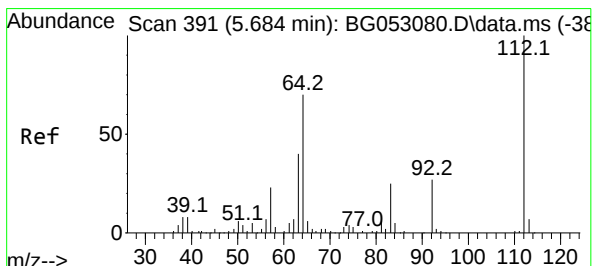
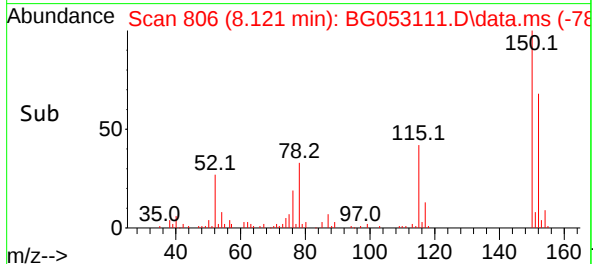
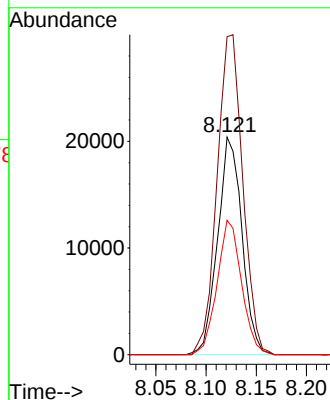
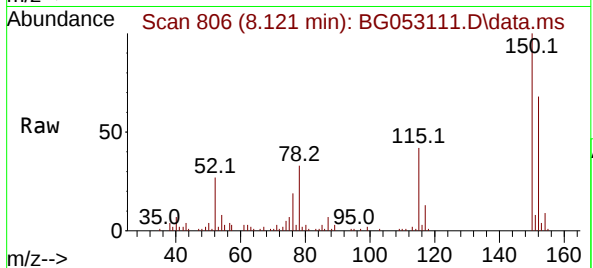




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.121 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

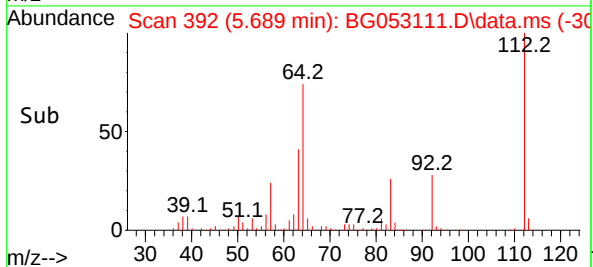
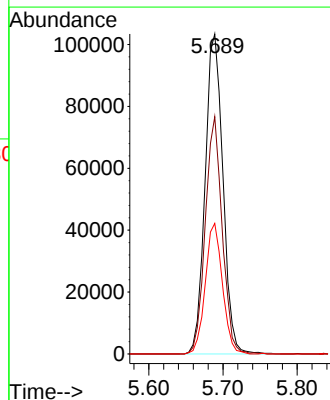
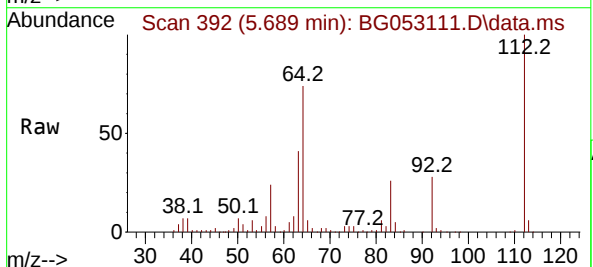
Instrument :
BNA_G
ClientSampleId :
DEL-4

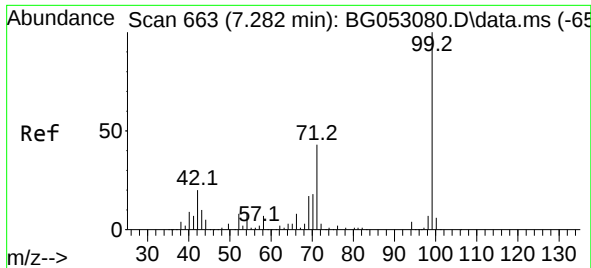
Tgt Ion:152 Resp: 34429
Ion Ratio Lower Upper
152 100
150 146.1 114.6 172.0
115 61.8 45.9 68.9



#5
2-Fluorophenol
Concen: 85.953 ng
RT: 5.689 min Scan# 392
Delta R.T. 0.005 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

Tgt Ion:112 Resp: 172635
Ion Ratio Lower Upper
112 100
64 74.2 48.0 72.0#
63 40.8 26.5 39.7#

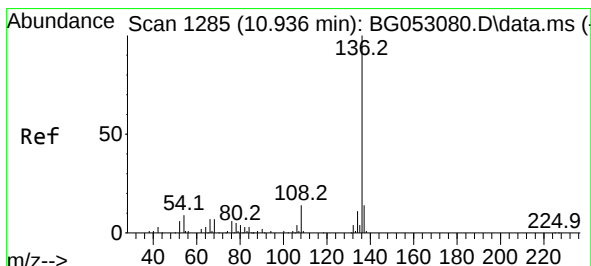
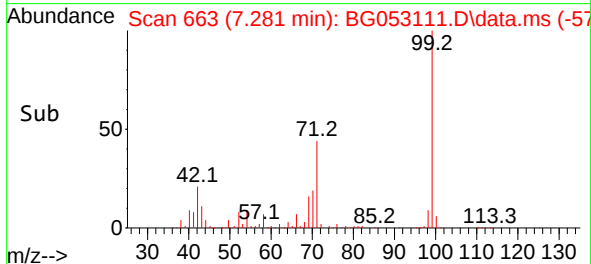
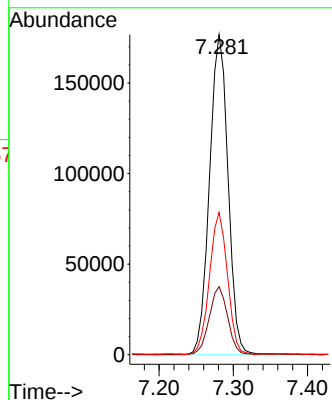
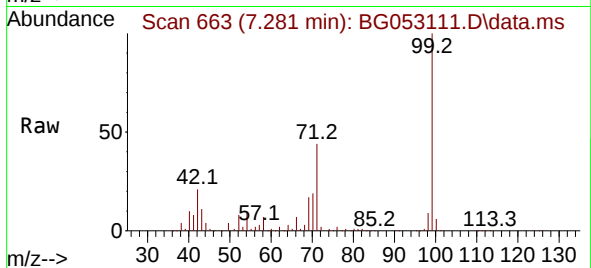




#7
Phenol-d6
Concen: 98.965 ng
RT: 7.281 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

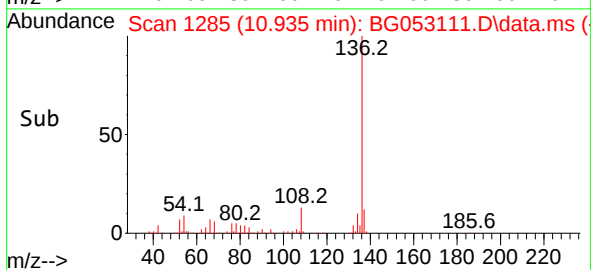
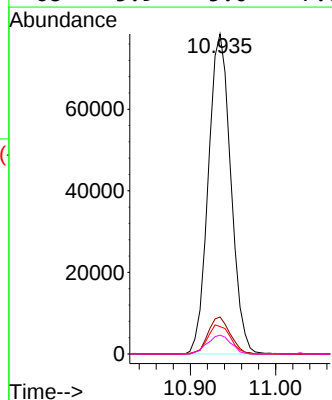
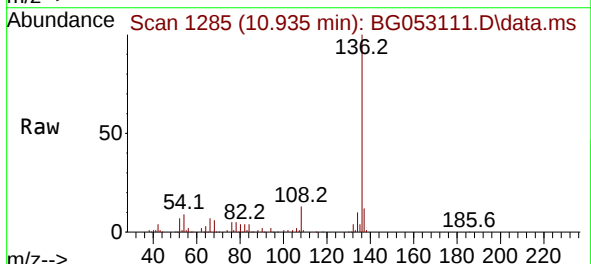
Instrument :
BNA_G
ClientSampleId :
DEL-4

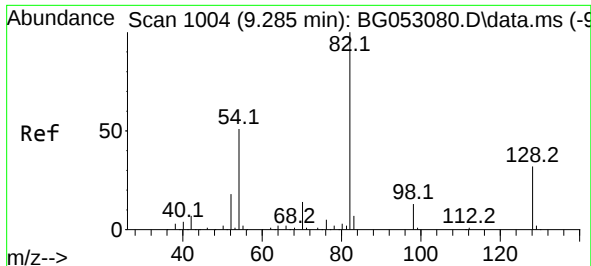
Tgt Ion: 99 Resp: 306522
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 44.4 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.935 min Scan# 1285
Delta R.T. -0.001 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

Tgt Ion:136 Resp: 143691
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 8.6 6.4 9.6
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 64.877 ng

RT: 9.284 min Scan# 110

Delta R.T. -0.001 min

Lab File: BG053111.D

Acq: 11 Apr 2022 21:28

Instrument :

BNA_G

ClientSampleId :

DEL-4

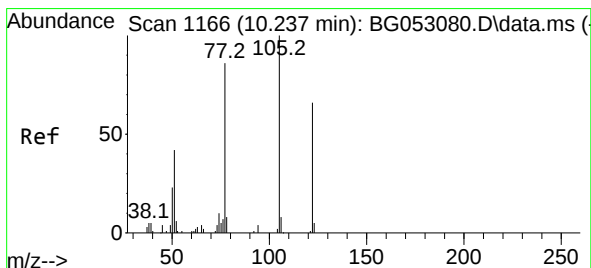
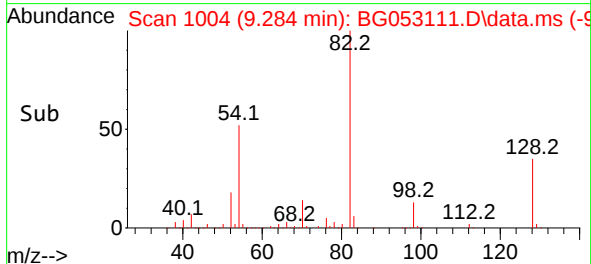
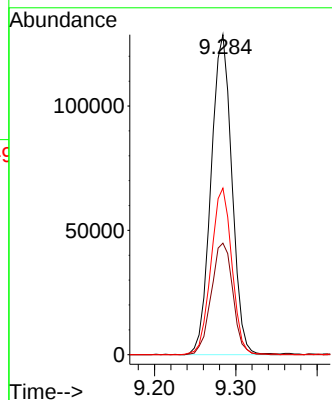
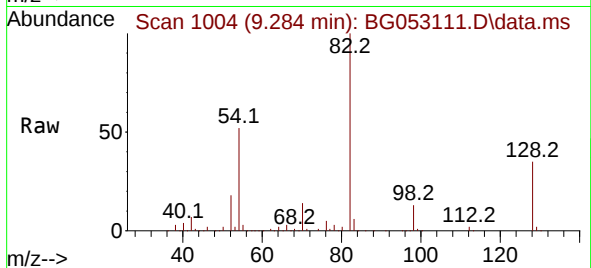
Tgt Ion: 82 Resp: 229593

Ion Ratio Lower Upper

82 100

128 34.9 31.3 46.9

54 52.1 37.8 56.8



#32

Benzoic acid

Concen: 3.666 ng

RT: 10.083 min Scan# 1140

Delta R.T. -0.154 min

Lab File: BG053111.D

Acq: 11 Apr 2022 21:28

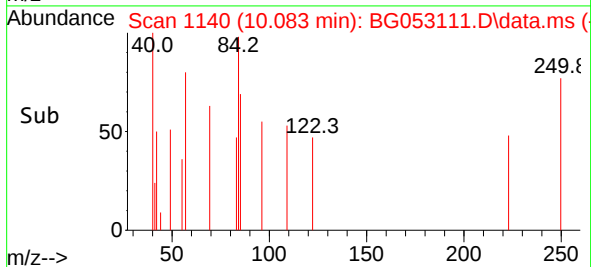
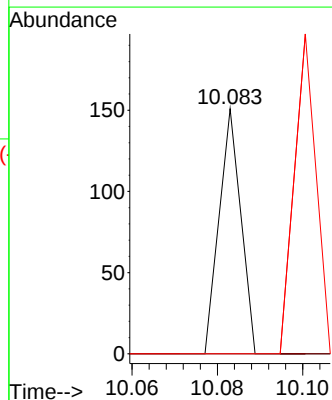
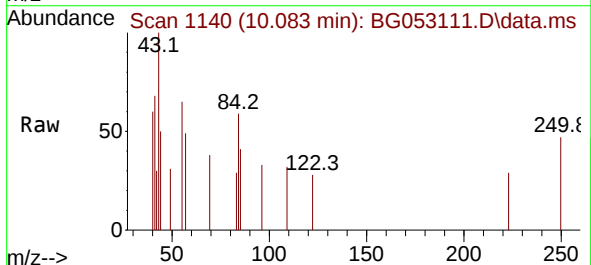
Tgt Ion:122 Resp: 53

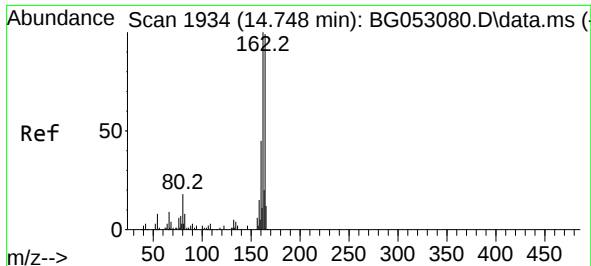
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#

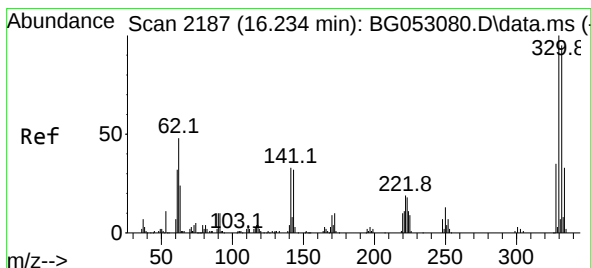
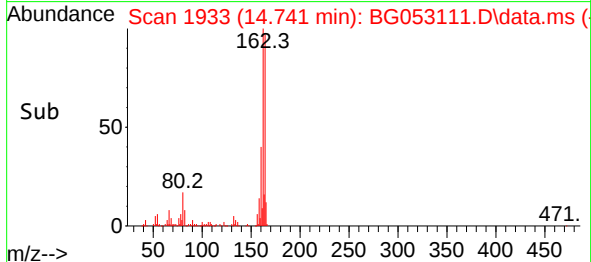
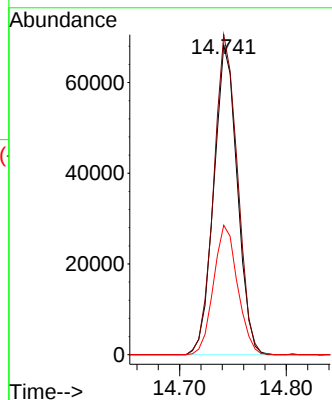
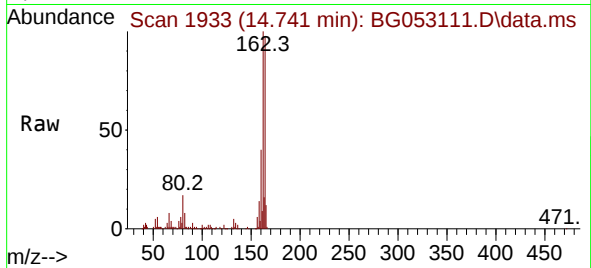




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.741 min Scan# 1934
Delta R.T. -0.007 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

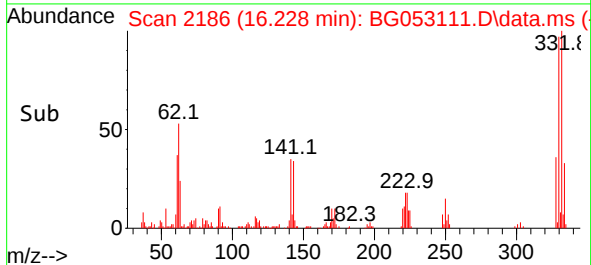
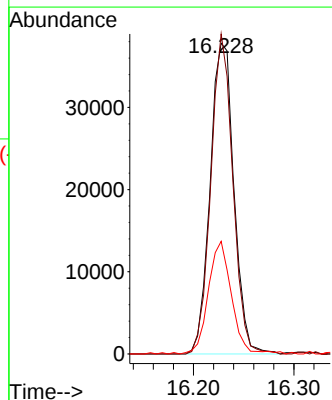
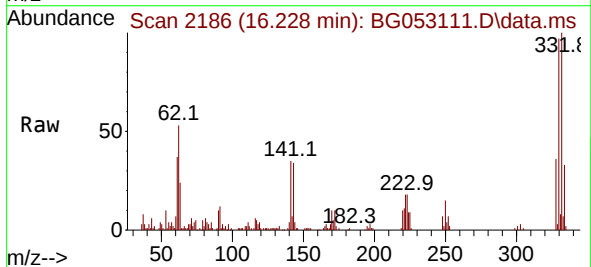
Instrument :
BNA_G
ClientSampleId :
DEL-4

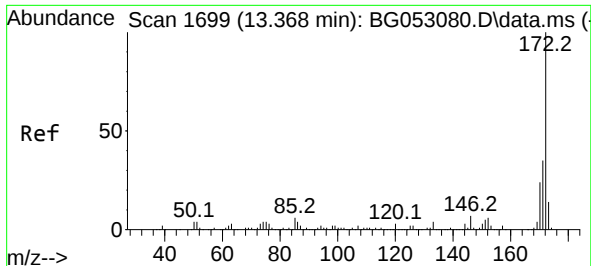
Tgt Ion:164 Resp: 104294
Ion Ratio Lower Upper
164 100
162 103.3 80.0 120.0
160 41.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 37.599 ng
RT: 16.228 min Scan# 2186
Delta R.T. -0.007 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

Tgt Ion:330 Resp: 62387
Ion Ratio Lower Upper
330 100
332 95.1 75.8 113.6
141 35.3 24.6 36.8

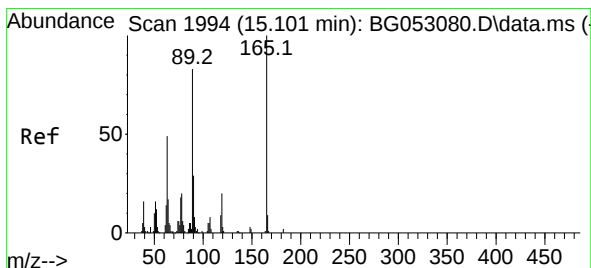
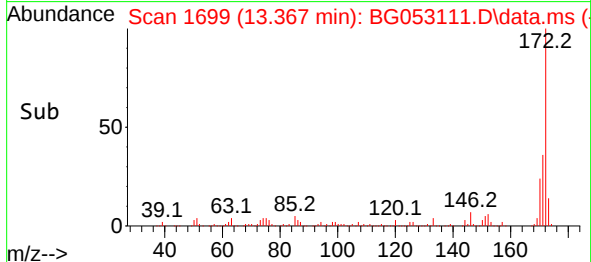
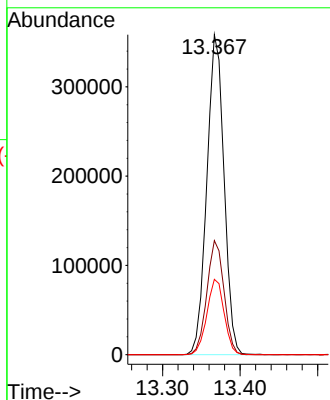
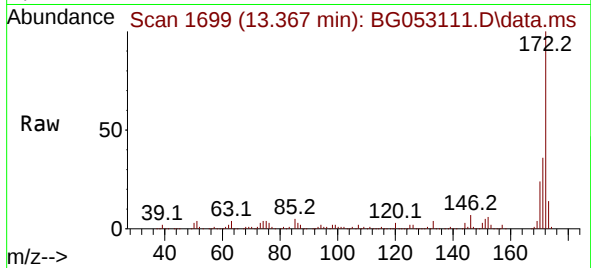




#45
2-Fluorobiphenyl
Concen: 72.883 ng
RT: 13.367 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

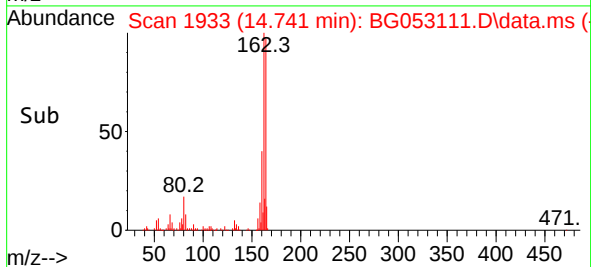
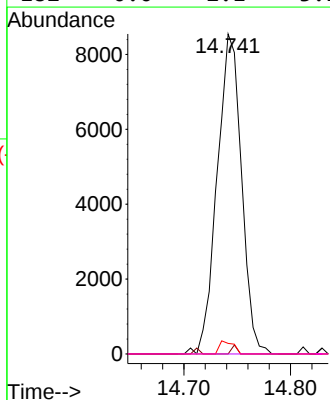
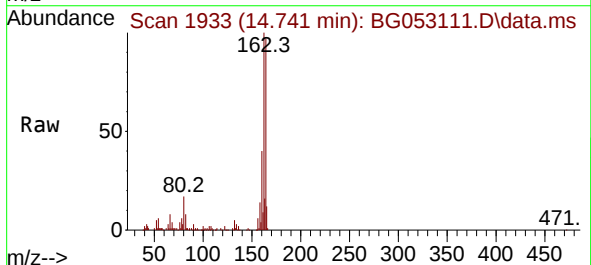
Instrument :
BNA_G
ClientSampleId :
DEL-4

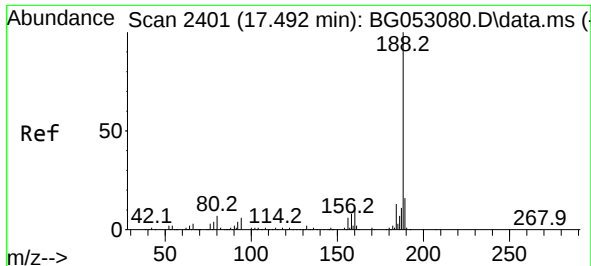
Tgt Ion:172 Resp: 551252
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.0 27.0



#57
2,4-Dinitrotoluene
Concen: 5.466 ng
RT: 14.741 min Scan# 1933
Delta R.T. -0.359 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

Tgt Ion:165 Resp: 13543
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.3 57.4 86.0#
182 0.0 2.1 3.1#

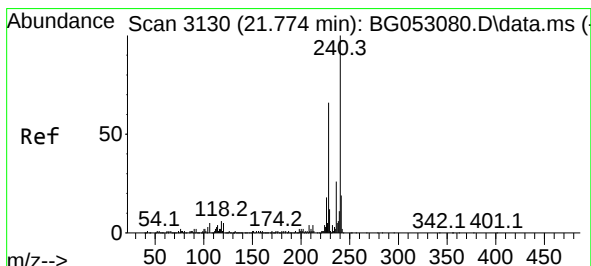
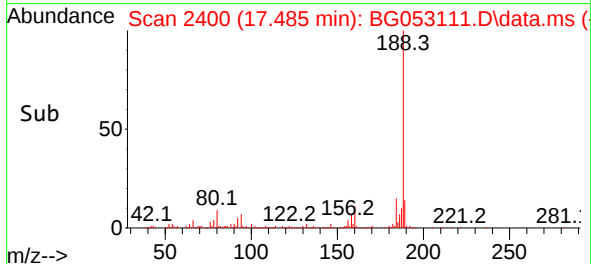
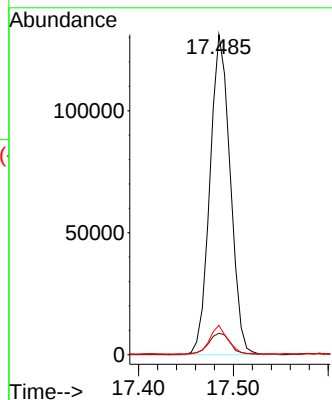
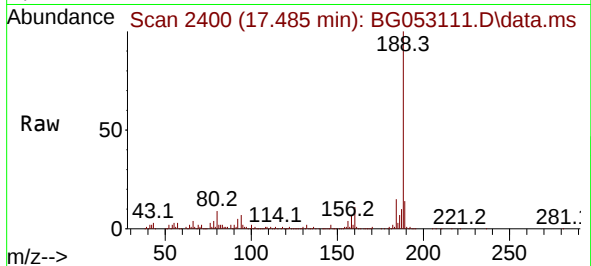




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.485 min Scan# 2400
Delta R.T. -0.007 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

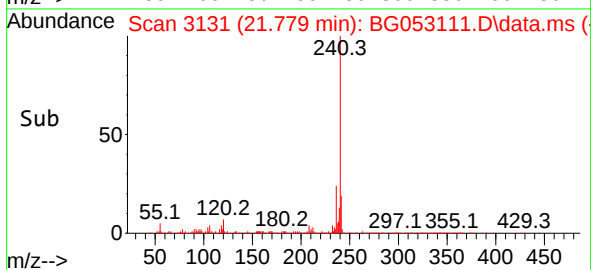
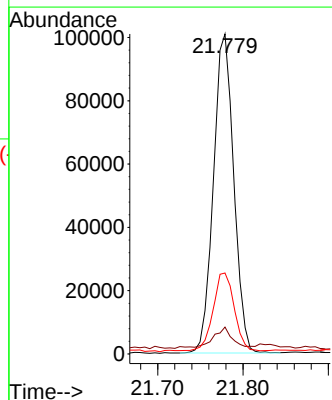
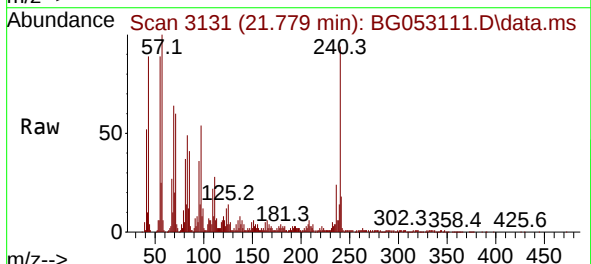
Instrument :
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DEL-4

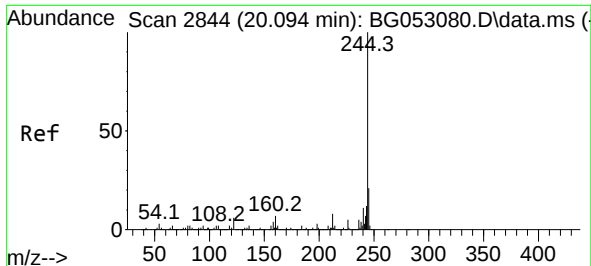
Tgt Ion:188 Resp: 195099
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 9.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.779 min Scan# 3131
Delta R.T. 0.005 min
Lab File: BG053111.D
Acq: 11 Apr 2022 21:28

Tgt Ion:240 Resp: 166731
Ion Ratio Lower Upper
240 100
120 8.4 5.4 8.0#
236 25.3 19.8 29.6

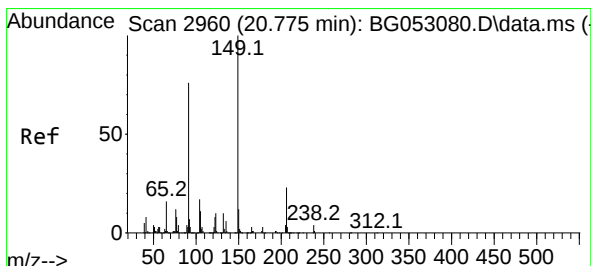
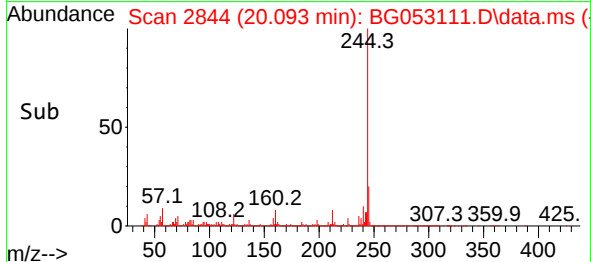
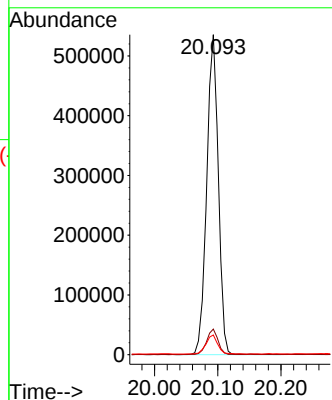
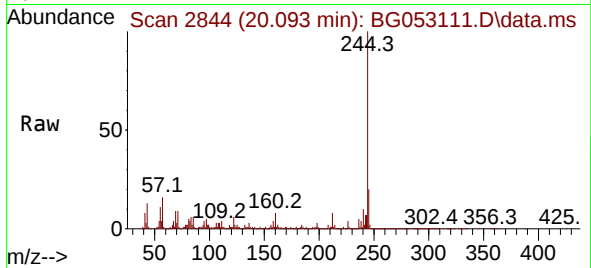




#79
 Terphenyl-d14
 Concen: 69.120 ng
 RT: 20.093 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053111.D
 Acq: 11 Apr 2022 21:28

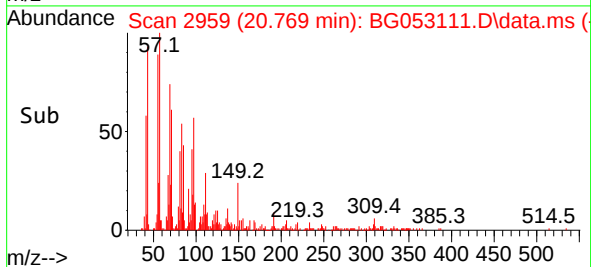
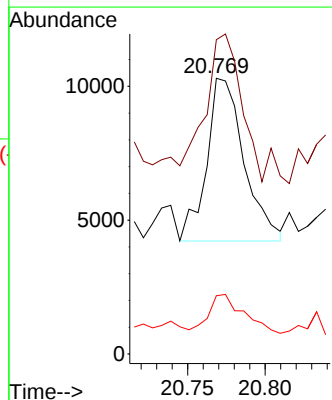
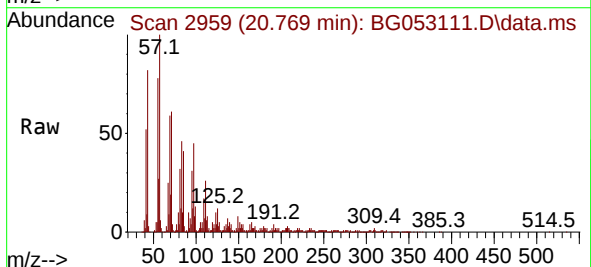
Instrument :
 BNA_G
 ClientSampleId :
 DEL-4

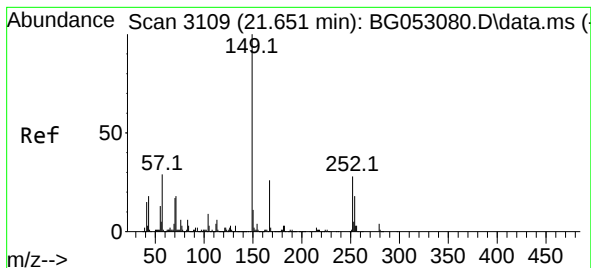
Tgt Ion:244 Resp: 682365
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.2 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 2.306 ng
 RT: 20.769 min Scan# 2959
 Delta R.T. -0.007 min
 Lab File: BG053111.D
 Acq: 11 Apr 2022 21:28

Tgt Ion:149 Resp: 10210
 Ion Ratio Lower Upper
 149 100
 91 114.0 60.2 90.4#
 206 21.2 19.4 29.2

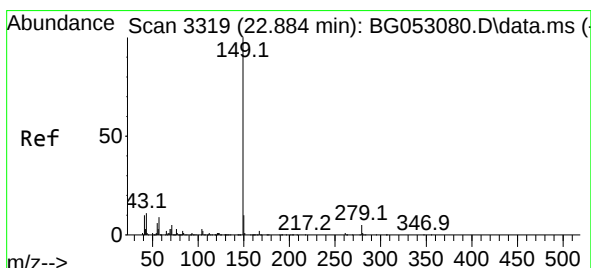
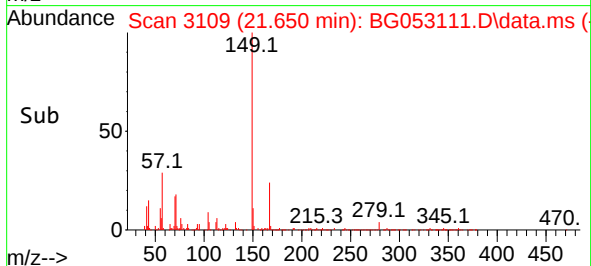
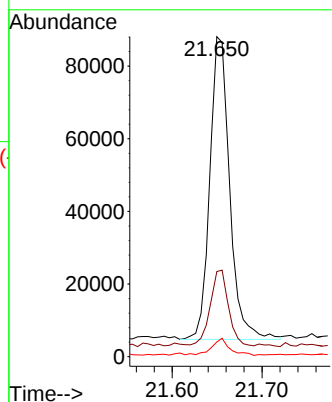
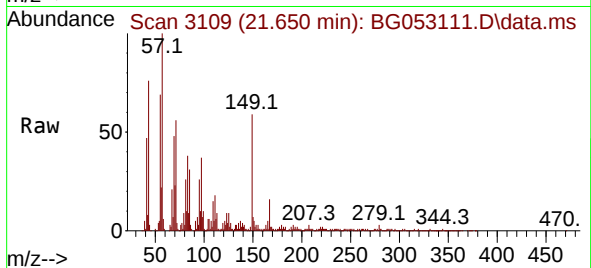




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 21.429 ng
 RT: 21.650 min Scan# 3109
 Delta R.T. -0.001 min
 Lab File: BG053111.D
 Acq: 11 Apr 2022 21:28

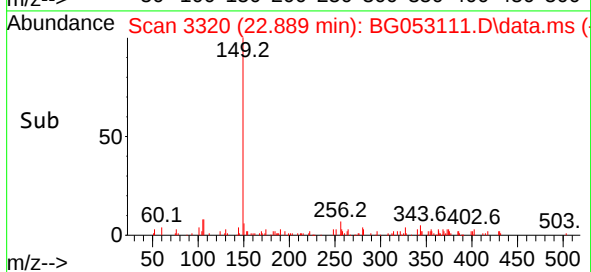
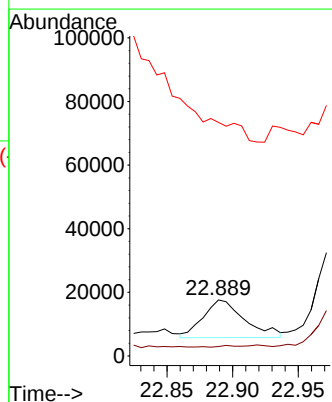
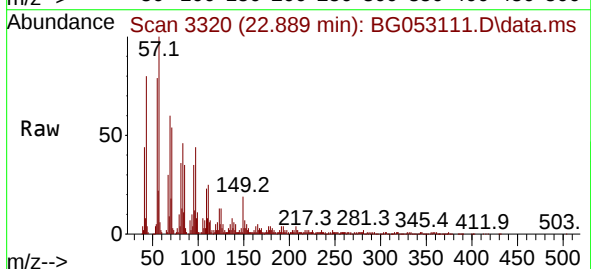
Instrument :
 BNA_G
 ClientSampleId :
 DEL-4

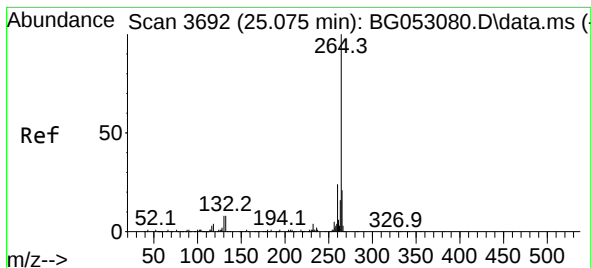
Tgt Ion:149 Resp: 128233
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.2
 279 4.6 3.8 5.8



#85
 Di-n-octyl phthalate
 Concen: 2.597 ng
 RT: 22.889 min Scan# 3320
 Delta R.T. 0.005 min
 Lab File: BG053111.D
 Acq: 11 Apr 2022 21:28

Tgt Ion:149 Resp: 25989
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 7.6 11.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.098 min Scan# 30

Delta R.T. 0.023 min

Lab File: BG053111.D

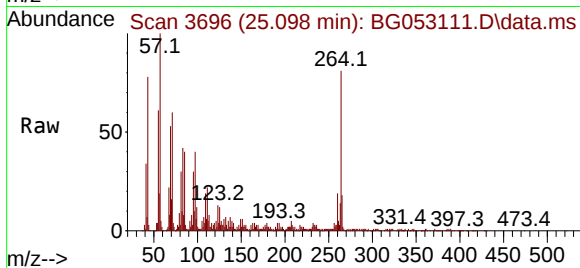
Acq: 11 Apr 2022 21:28

Instrument :

BNA_G

ClientSampleId :

DEL-4



Tgt Ion:264 Resp: 157572

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 21.9 15.1 22.7

