

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049813.D
 Acq On : 12 Aug 2021 11:36
 Operator : CG/JU
 Sample : M3346-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LPA-1

Quant Time: Aug 12 12:28:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

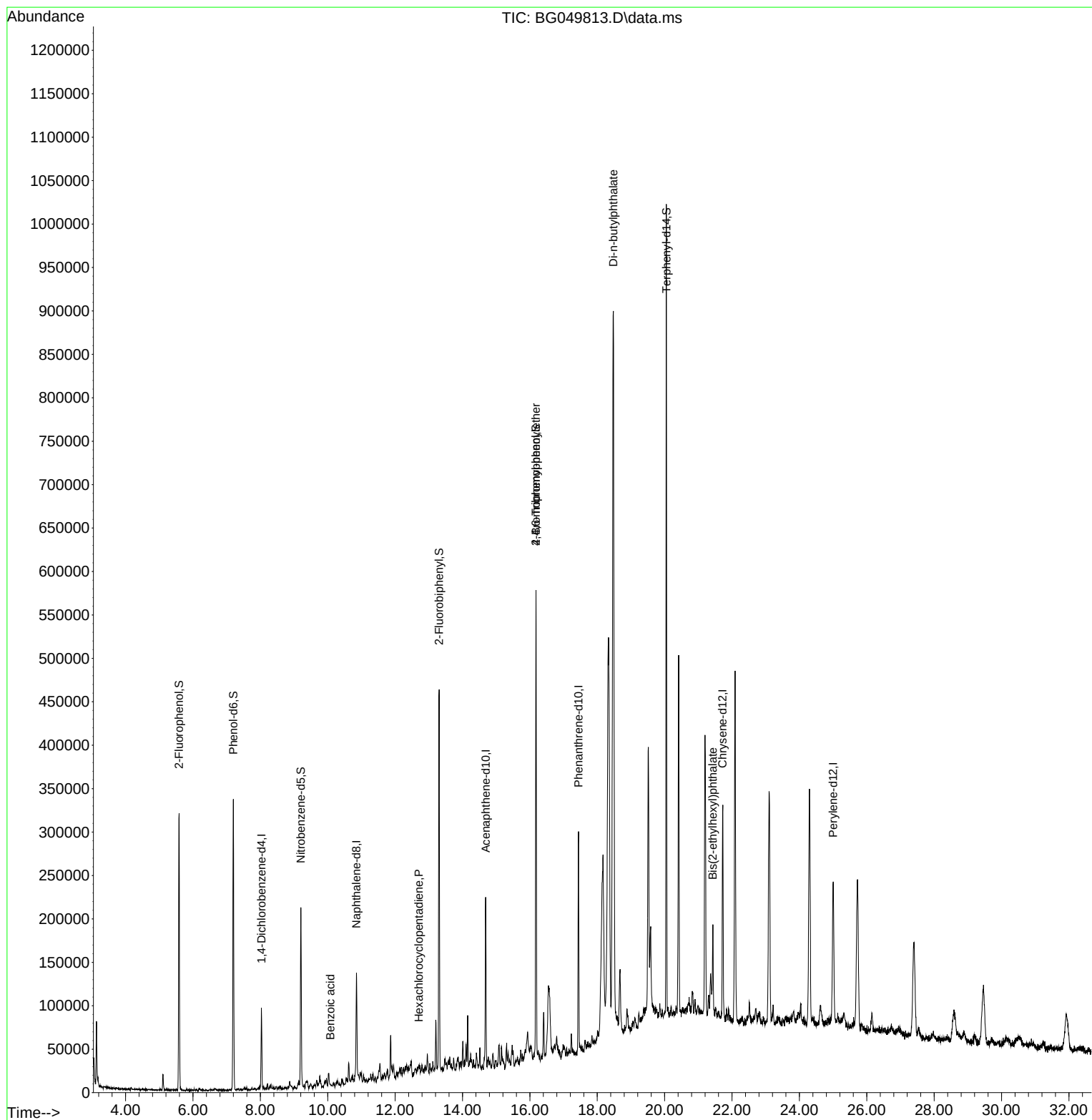
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	25143	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	96616	20.000	ng	#-0.01
39) Acenaphthene-d10	14.687	164	65340	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	152640	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	152762	20.000	ng	0.00
86) Perylene-d12	25.003	264	161913	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	130613	93.123	ng	0.00
7) Phenol-d6	7.198	99	175538	82.678	ng	0.00
23) Nitrobenzene-d5	9.201	82	125437	57.451	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	101829	106.026	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	225821	50.289	ng	0.00
79) Terphenyl-d14	20.051	244	422750	50.261	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.082	122	66	5.011	ng	# 1
41) Hexachlorocyclopentadiene	12.702	237	54	3.590	ng	# 31
67) 4-Bromophenyl-phenylether	16.179	248	6604	3.674	ng	# 1
74) Di-n-butylphthalate	18.476	149	602332	69.173	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.431	149	39751	7.080	ng	# 56

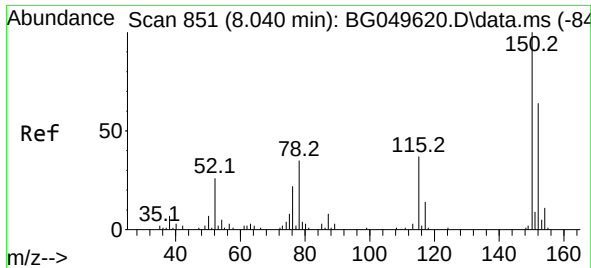
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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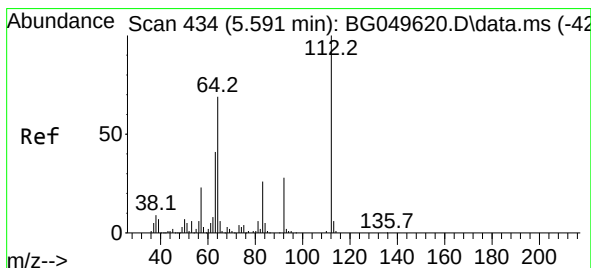
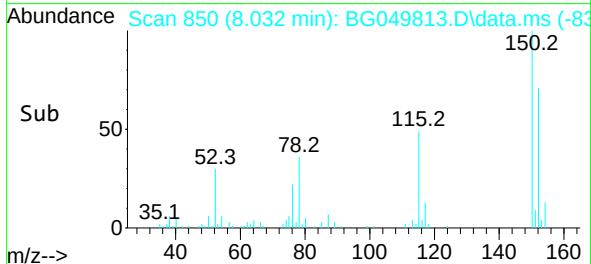
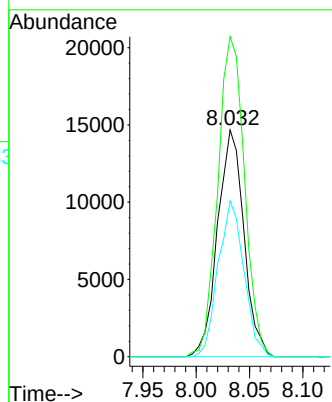
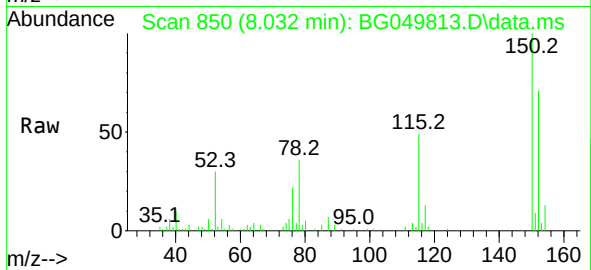




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.032 min Scan# 850
Delta R.T. -0.008 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

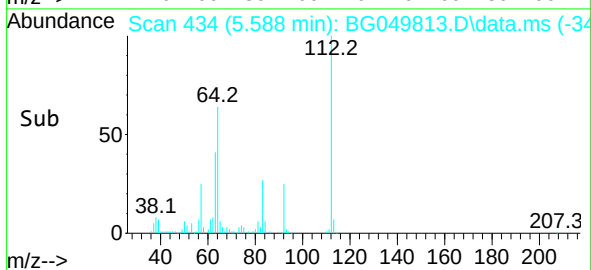
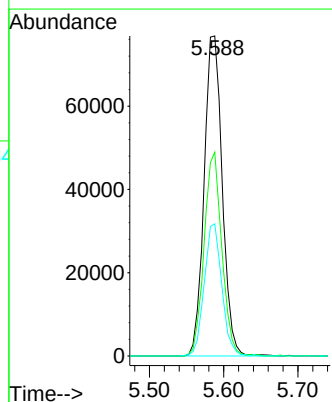
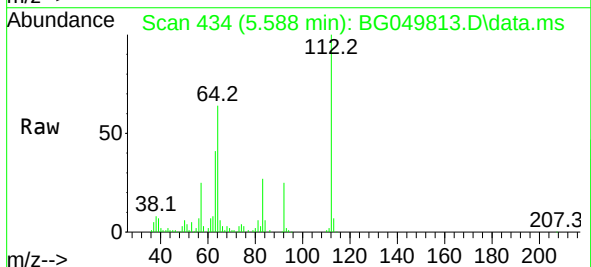
Instrument :
BNA_G
ClientSampleId :
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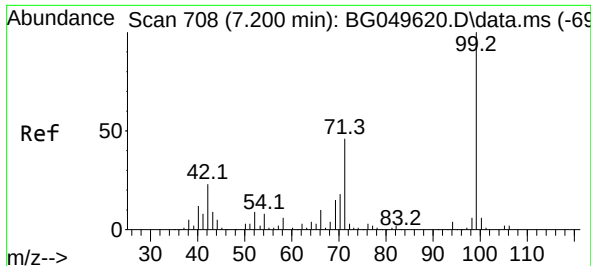
Tgt Ion:152 Resp: 25143
Ion Ratio Lower Upper
152 100
150 141.1 119.4 179.0
115 68.7 60.2 90.4



#5
2-Fluorophenol
Concen: 93.123 ng
RT: 5.588 min Scan# 434
Delta R.T. -0.003 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion:112 Resp: 130613
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 41.3 35.3 52.9

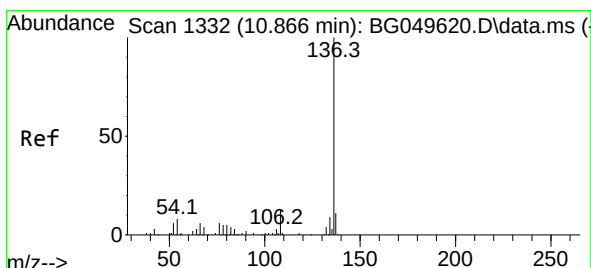
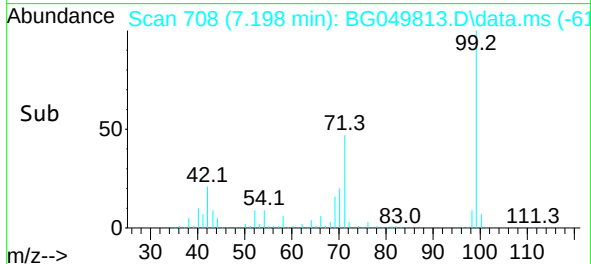
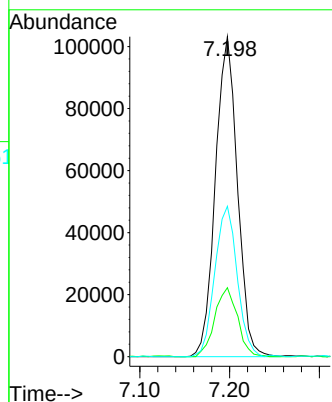
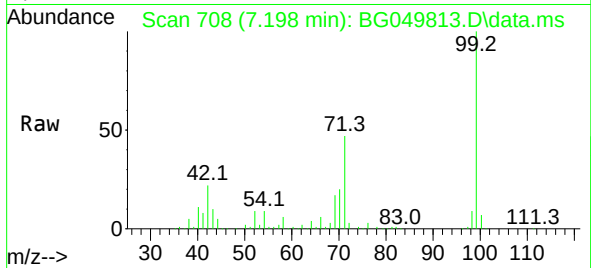




#7
Phenol-d6
Concen: 82.678 ng
RT: 7.198 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

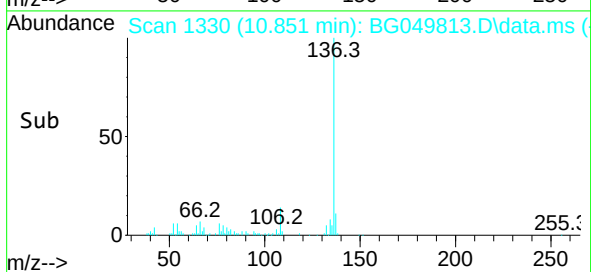
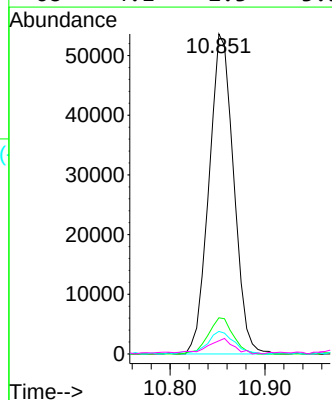
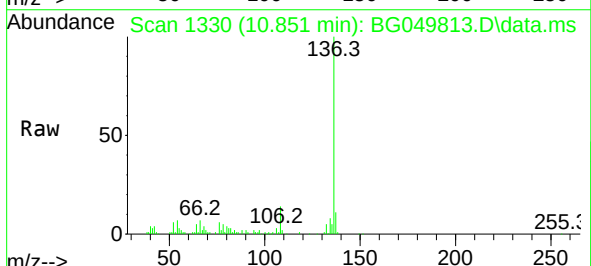
Instrument :
BNA_G
ClientSampleId :
LPA-1

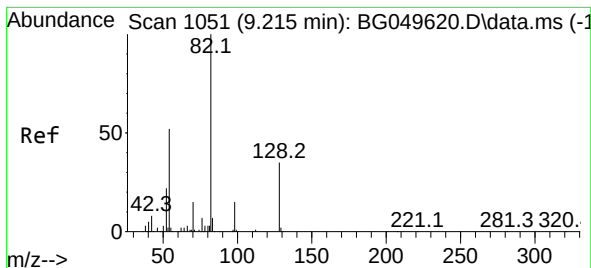
Tgt Ion: 99 Resp: 175538
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 47.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. -0.015 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion: 136 Resp: 96616
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 7.1 5.5 8.3
68 4.1 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 57.451 ng

RT: 9.201 min Scan# 1049

Delta R.T. -0.014 min

Lab File: BG049813.D

Acq: 12 Aug 2021 11:36

Tgt Ion: 82 Resp: 125437

Ion Ratio Lower Upper

82 100

128 35.8 29.8 44.6

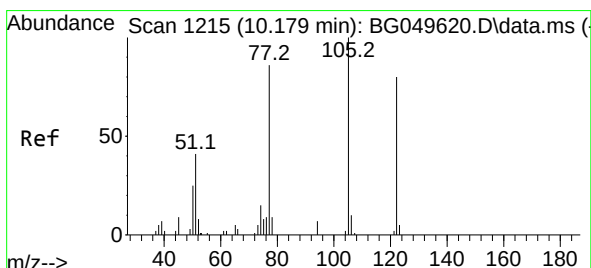
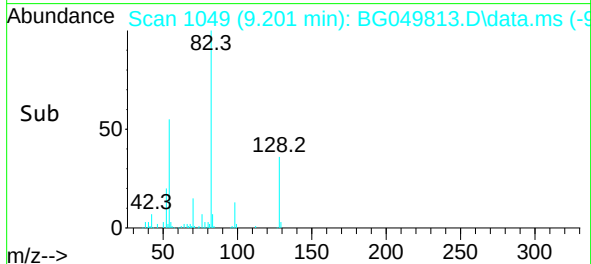
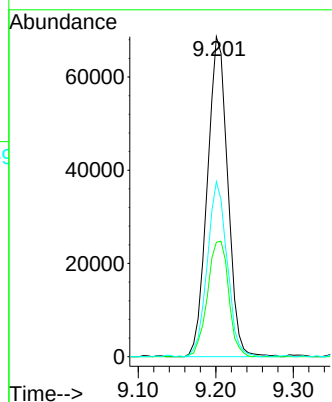
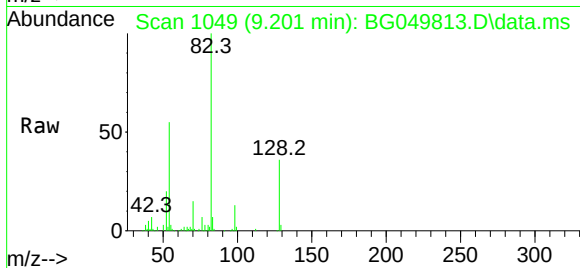
54 54.7 45.8 68.8

Instrument :

BNA_G

ClientSampleId :

LPA-1



#32

Benzoic acid

Concen: 5.011 ng

RT: 10.082 min Scan# 1199

Delta R.T. -0.097 min

Lab File: BG049813.D

Acq: 12 Aug 2021 11:36

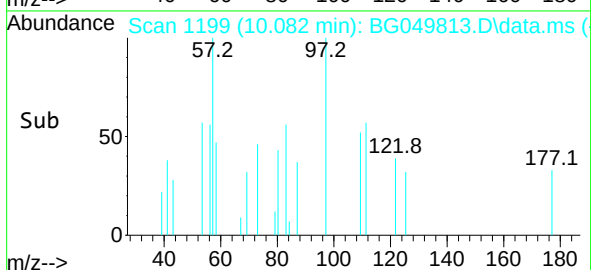
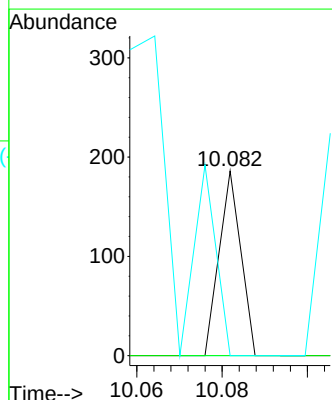
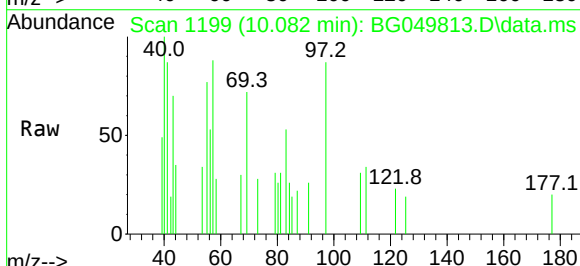
Tgt Ion:122 Resp: 66

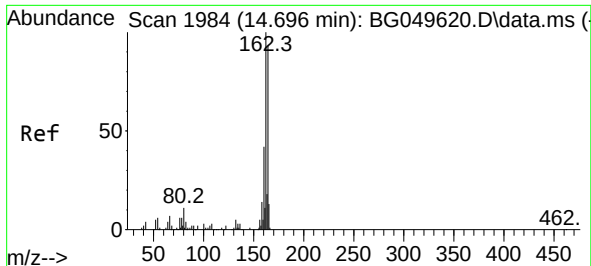
Ion Ratio Lower Upper

122 100

105 0.0 92.3 132.3#

77 0.0 66.5 106.5#

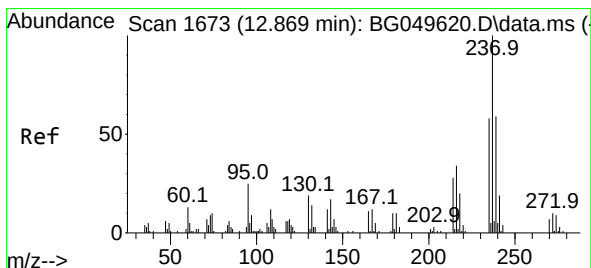
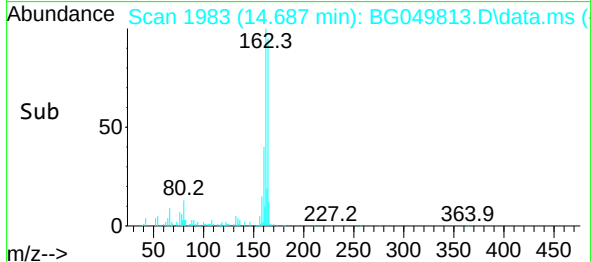
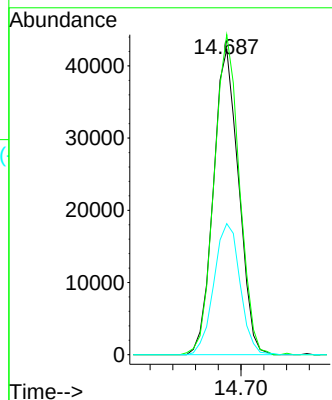
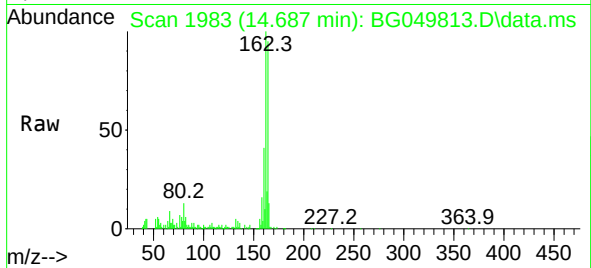




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

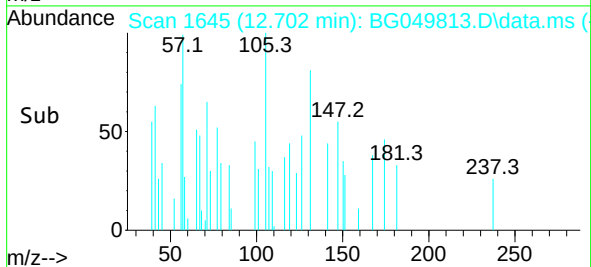
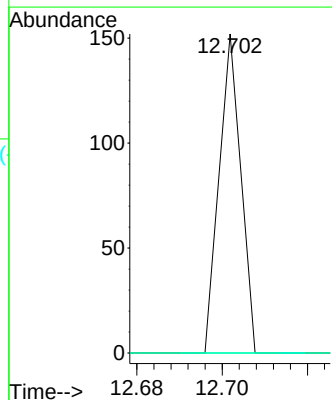
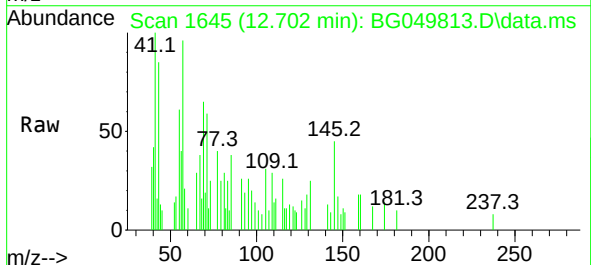
Instrument :
BNA_G
ClientSampleId :
LPA-1

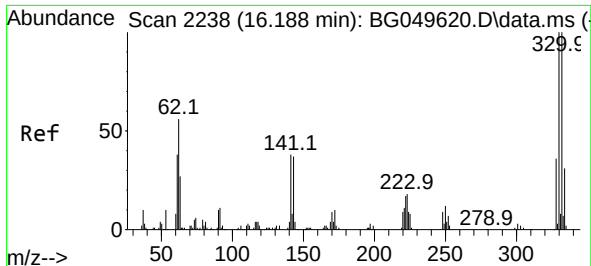
Tgt Ion:164 Resp: 65340
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 42.9 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 3.590 ng
RT: 12.702 min Scan# 1645
Delta R.T. -0.167 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

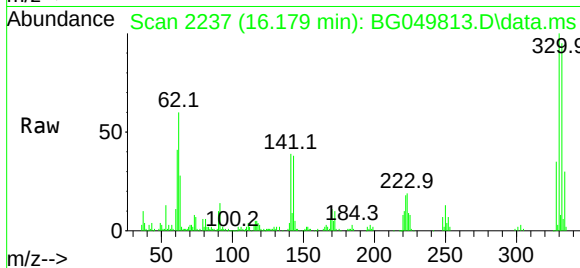
Tgt Ion:237 Resp: 54
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



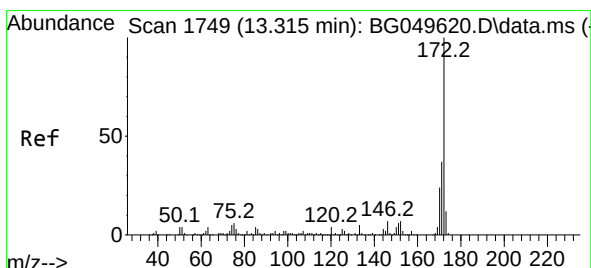
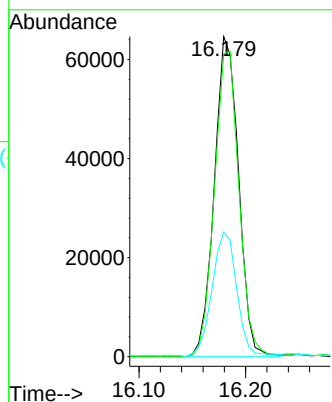
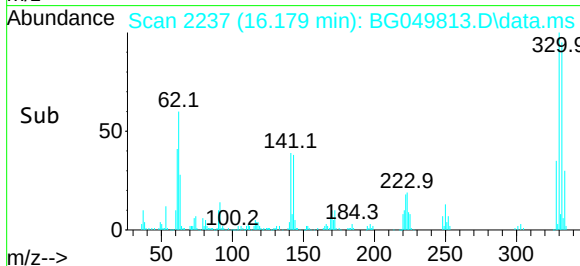


#42
2,4,6-Tribromophenol
Concen: 106.026 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

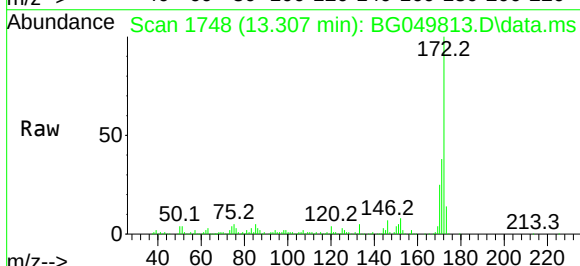
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BNA_G
ClientSampleId :
LPA-1



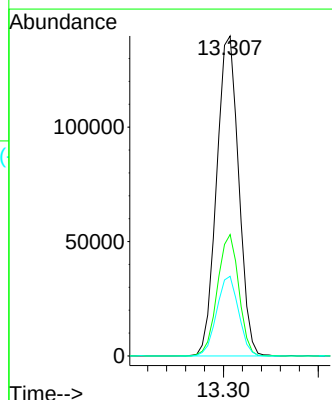
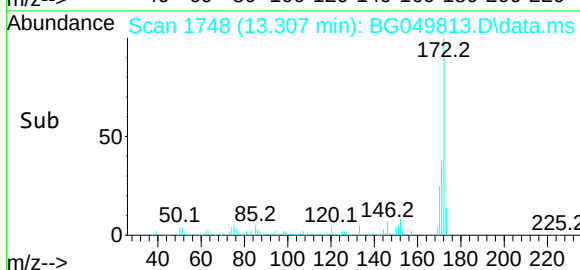
Tgt Ion:330 Resp: 101829
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 40.0 35.6 53.4

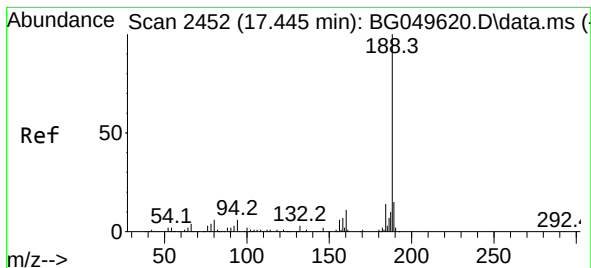


#45
2-Fluorobiphenyl
Concen: 50.289 ng
RT: 13.307 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36



Tgt Ion:172 Resp: 225821
Ion Ratio Lower Upper
172 100
171 38.0 28.6 43.0
170 24.9 18.6 27.8

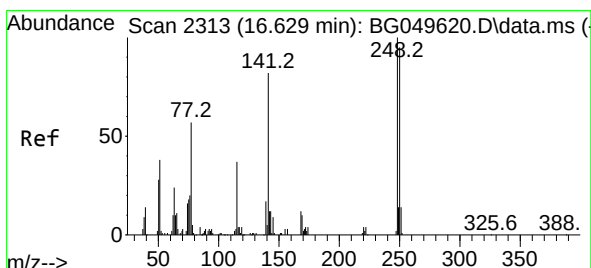
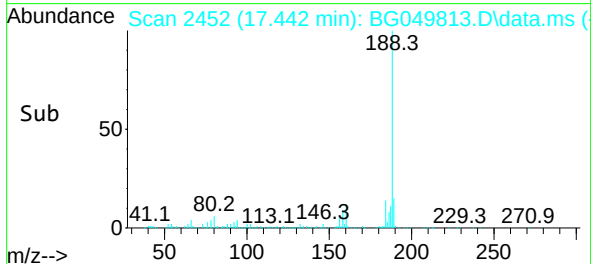
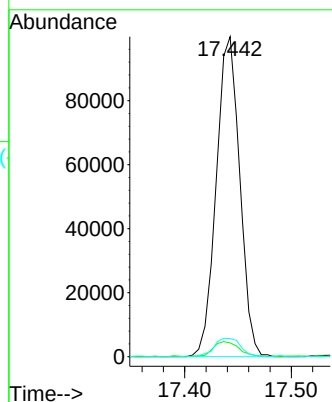
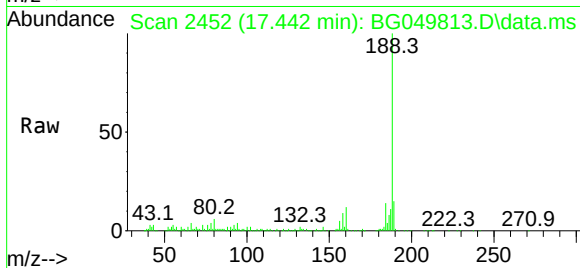




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

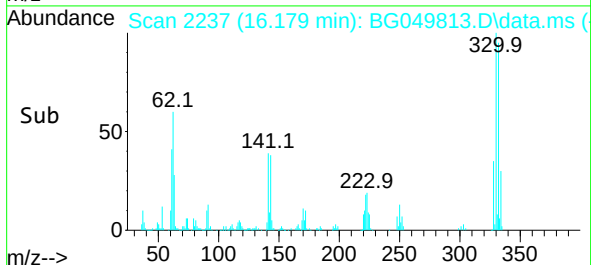
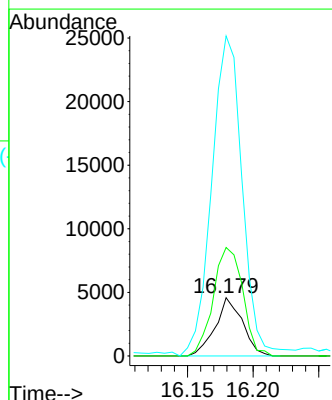
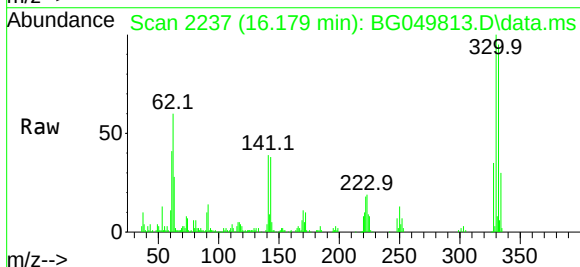
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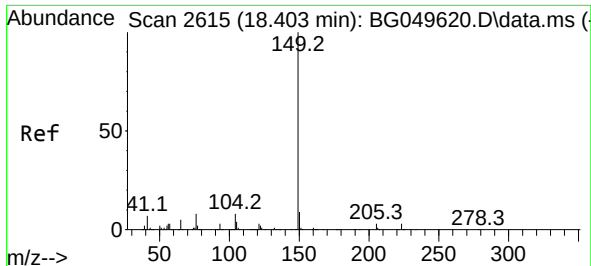
Tgt Ion:188 Resp: 152640
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 5.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.674 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.449 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion:248 Resp: 6604
Ion Ratio Lower Upper
248 100
250 186.0 76.1 114.1#
141 548.9 65.4 98.2#

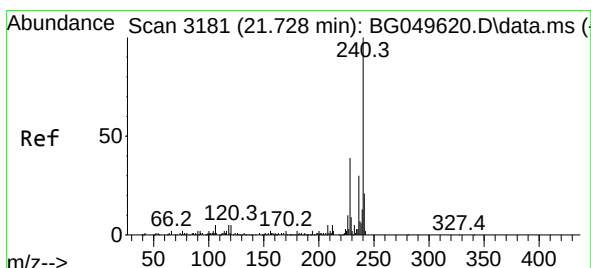
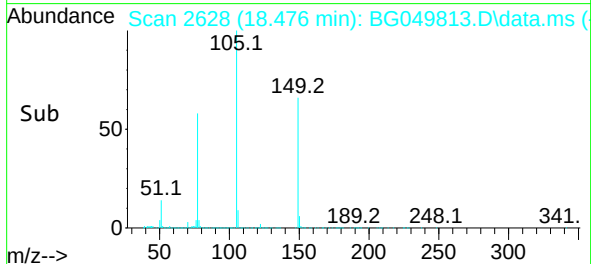
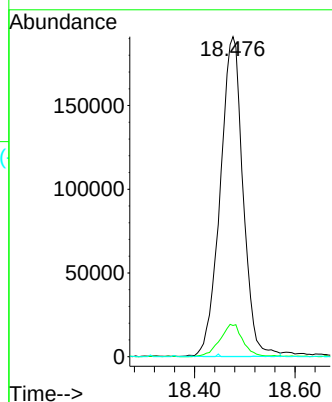
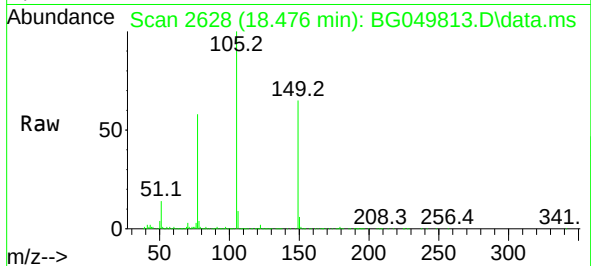




#74
Di-n-butylphthalate
Concen: 69.173 ng
RT: 18.476 min Scan# 2628
Delta R.T. 0.074 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

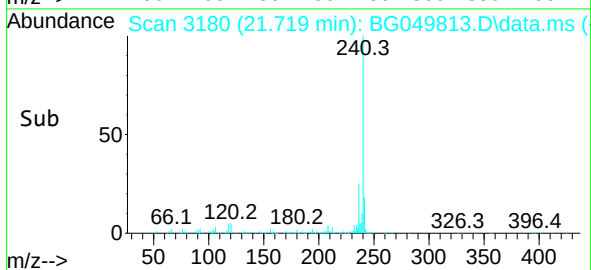
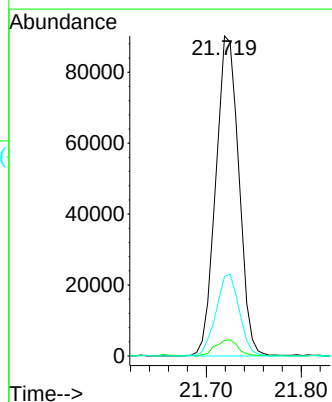
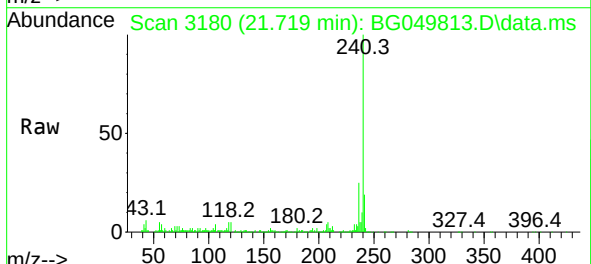
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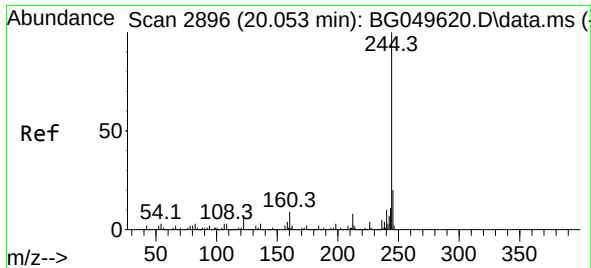
Tgt Ion:149 Resp: 602332
Ion Ratio Lower Upper
149 100
150 9.7 7.5 11.3
104 0.0 6.6 10.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.009 min
Lab File: BG049813.D
Acq: 12 Aug 2021 11:36

Tgt Ion:240 Resp: 152762
Ion Ratio Lower Upper
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120 4.9 4.2 6.2
236 24.9 21.8 32.6

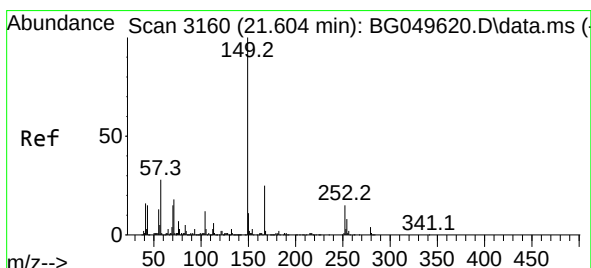
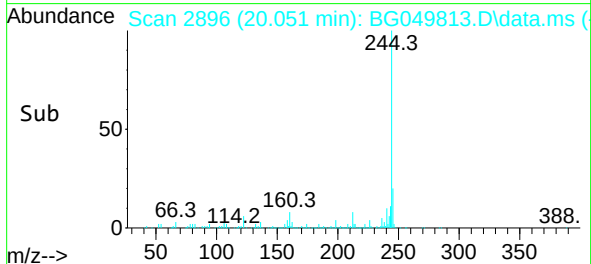
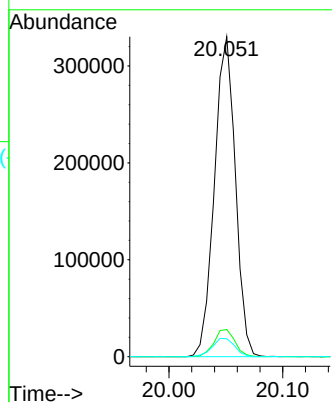
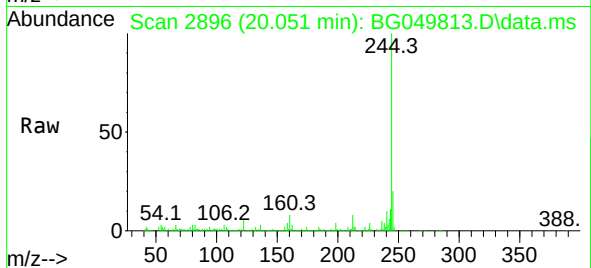




#79
 Terphenyl-d14
 Concen: 50.261 ng
 RT: 20.051 min Scan# 2896
 Delta R.T. -0.003 min
 Lab File: BG049813.D
 Acq: 12 Aug 2021 11:36

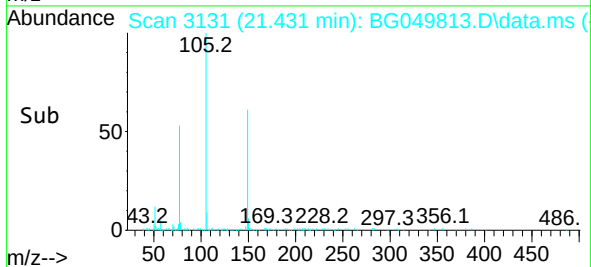
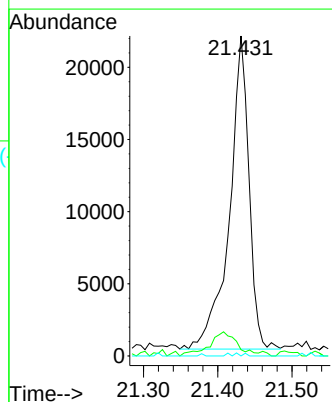
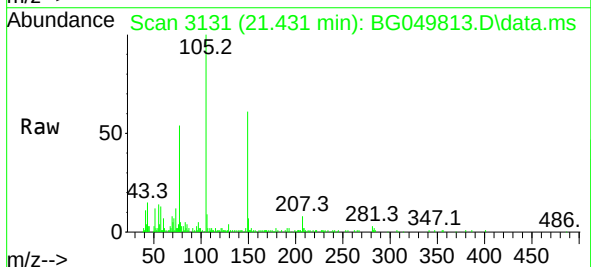
Instrument :
 BNA_G
 ClientSampleId :
 LPA-1

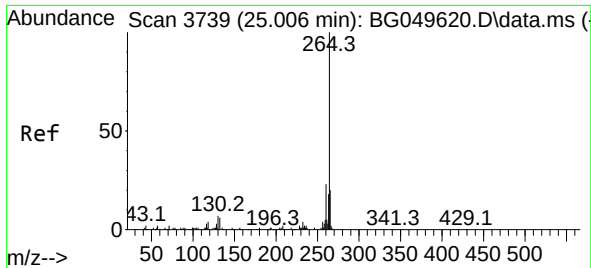
Tgt Ion:244	Resp:	422750
Ion Ratio	Lower	Upper
244	100	
212	8.5	6.9 10.3
122	5.6	5.0 7.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.080 ng
 RT: 21.431 min Scan# 3131
 Delta R.T. -0.173 min
 Lab File: BG049813.D
 Acq: 12 Aug 2021 11:36

Tgt Ion:149	Resp:	39751
Ion Ratio	Lower	Upper
149	100	
167	2.0	22.3 33.5#
279	0.0	3.8 5.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3739
 Delta R.T. -0.003 min
 Lab File: BG049813.D
 Acq: 12 Aug 2021 11:36

Instrument :
 BNA_G
 ClientSampleId :
 LPA-1

Tgt Ion:264 Resp: 161913
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.7 16.9 25.3

