

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051484.D
 Acq On : 11 Dec 2021 18:02
 Operator : CG/JU
 Sample : M4965-39
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 22:55:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

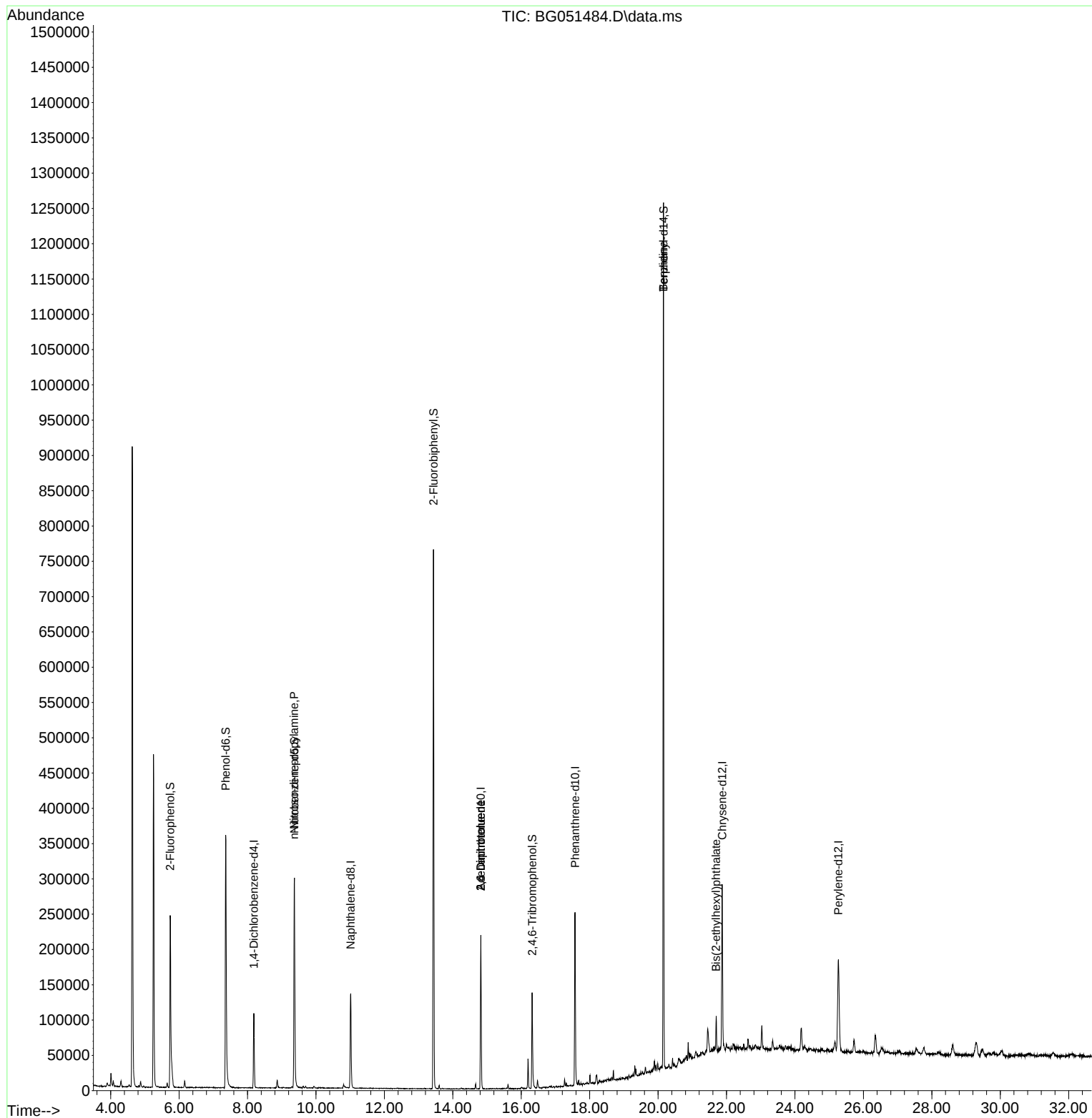
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.184	152	29516	20.000	ng	-0.03
21) Naphthalene-d8	11.016	136	125337	20.000	ng	#-0.02
39) Acenaphthene-d10	14.817	164	78905	20.000	ng	-0.02
64) Phenanthrene-d10	17.573	188	167604	20.000	ng	#-0.02
76) Chrysene-d12	21.874	240	151273	20.000	ng	# 0.00
86) Perylene-d12	25.270	264	147489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	121927	63.857	ng	0.00
7) Phenol-d6	7.361	99	241351	89.746	ng	0.00
23) Nitrobenzene-d5	9.371	82	213017	77.582	ng	-0.02
42) 2,4,6-Tribromophenol	16.321	330	25458	30.356	ng	0.00
45) 2-Fluorobiphenyl	13.436	172	394095	75.366	ng	-0.02
79) Terphenyl-d14	20.158	244	581904	70.322	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.365	70	29146	14.683	ng	# 69
51) 2,6-Dinitrotoluene	14.817	165	10172	8.011	ng	# 13
57) 2,4-Dinitrotoluene	14.817	165	10172	5.593	ng	# 18
77) Benzidine	20.152	184	10340	4.163	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.697	149	19055	2.925	ng	# 97

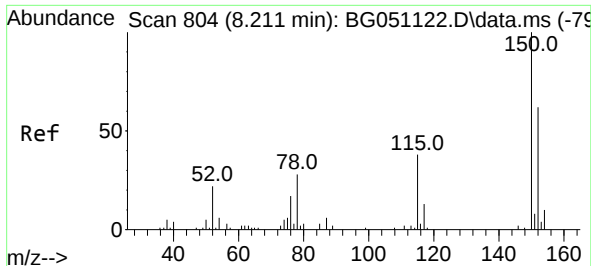
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
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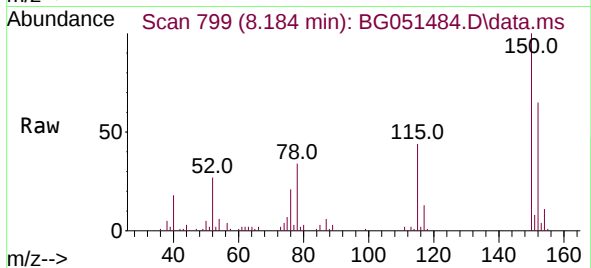
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration



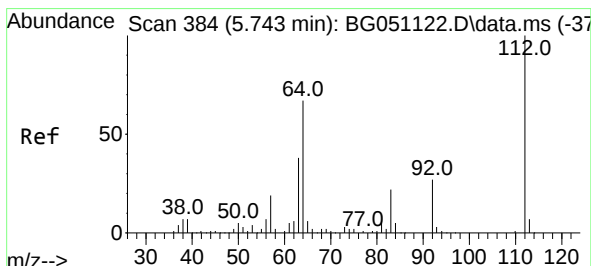
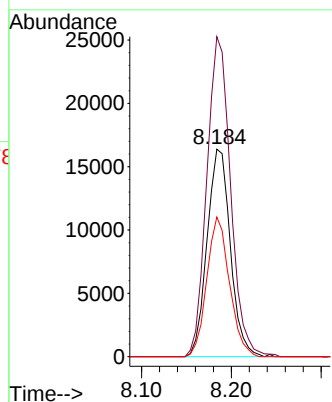
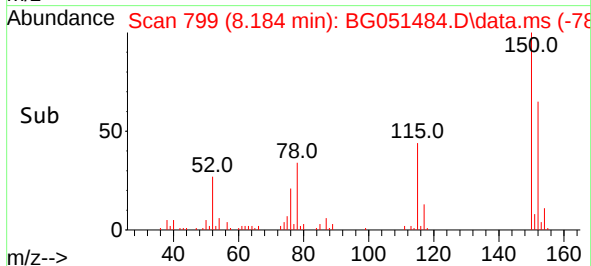


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.184 min Scan# 799
Delta R.T. -0.027 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

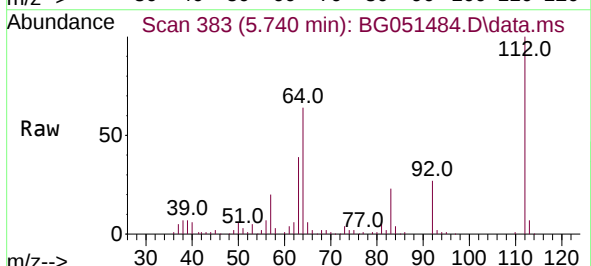
Instrument :
BNA_G
ClientSampleId :



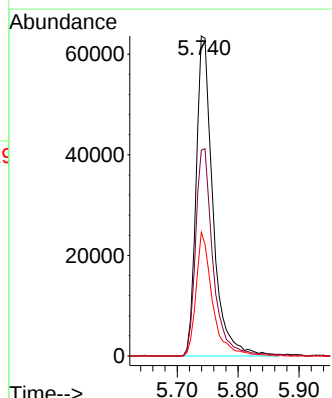
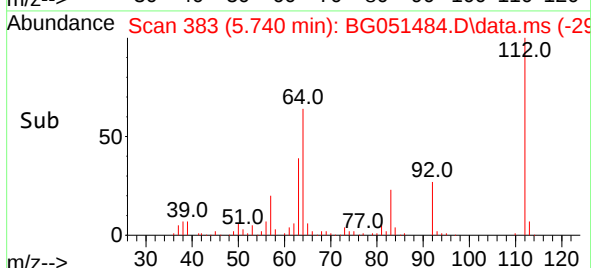
Tgt Ion:152 Resp: 29516
Ion Ratio Lower Upper
152 100
150 154.2 119.4 179.0
115 67.3 60.2 90.4

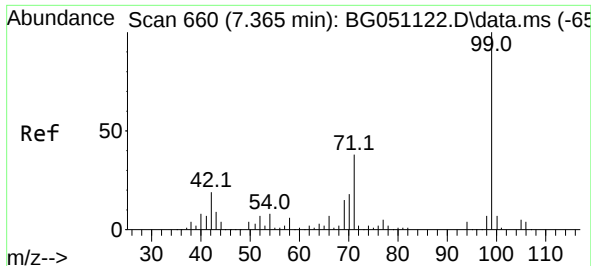


#5
2-Fluorophenol
Concen: 63.857 ng
RT: 5.740 min Scan# 383
Delta R.T. -0.004 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02



Tgt Ion:112 Resp: 121927
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 38.7 35.3 52.9

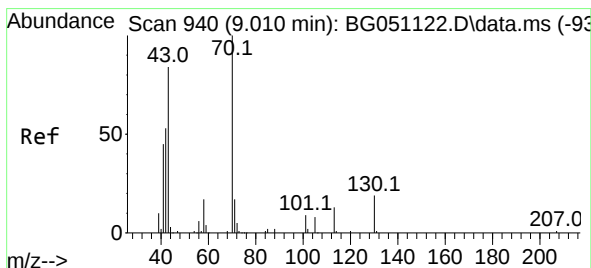
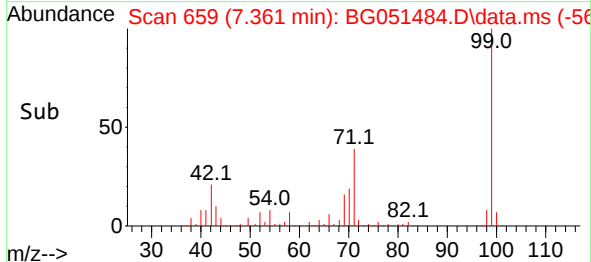
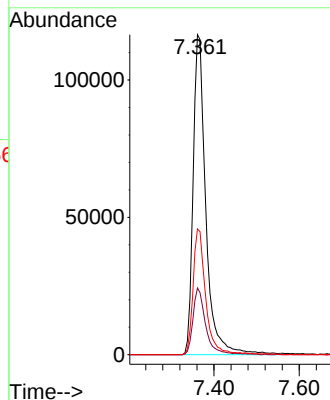
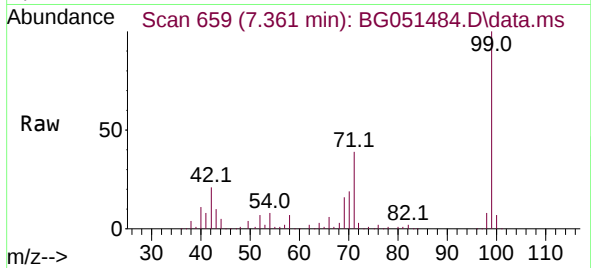




#7
Phenol-d6
Concen: 89.746 ng
RT: 7.361 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

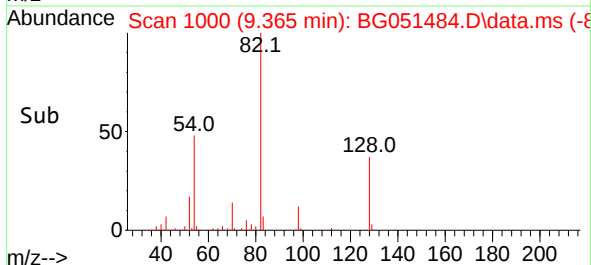
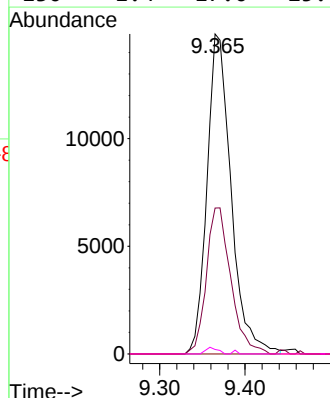
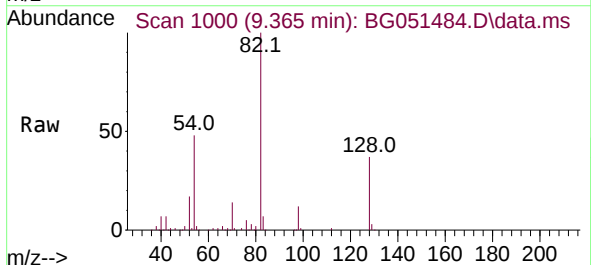
Instrument :
BNA_G
ClientSampleId :

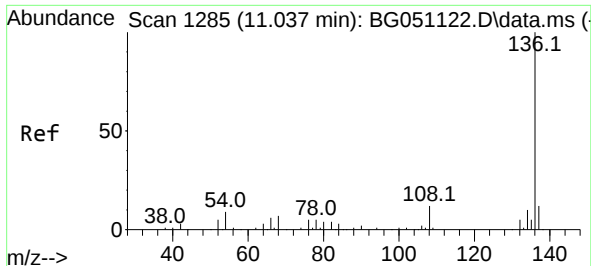
Tgt Ion: 99 Resp: 241351
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 39.3 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.683 ng
RT: 9.365 min Scan# 1000
Delta R.T. 0.355 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

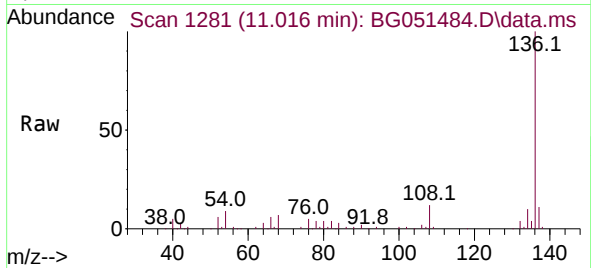
Tgt Ion: 70 Resp: 29146
Ion Ratio Lower Upper
70 100
42 45.6 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



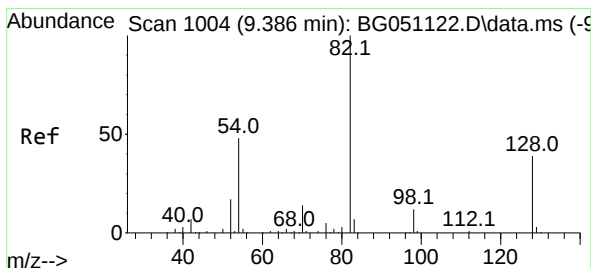
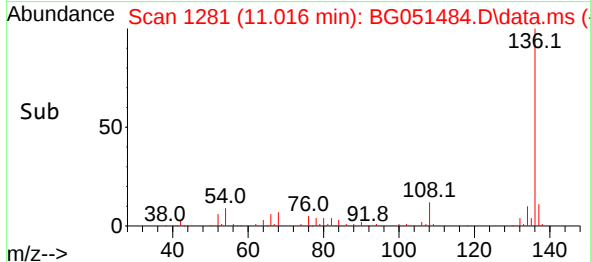
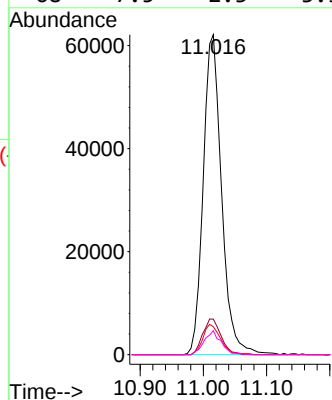


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.016 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

Instrument :
BNA_G
ClientSampleId :

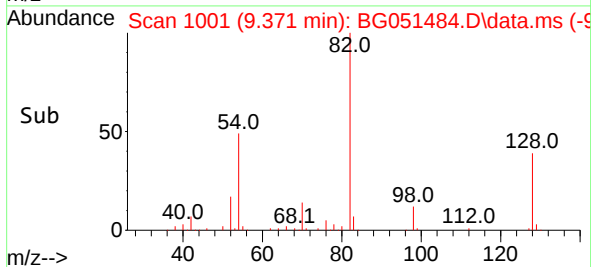
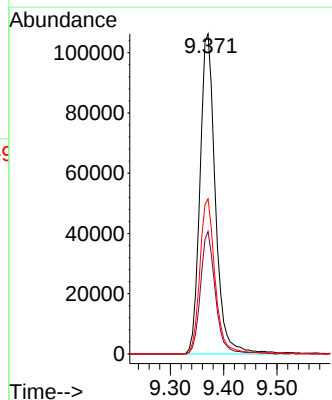
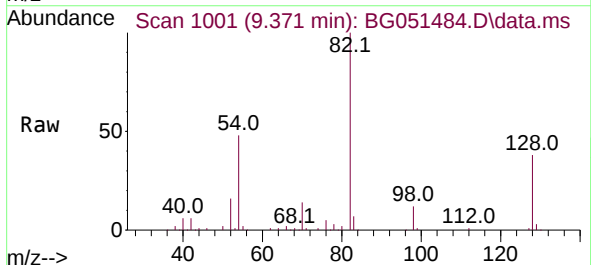


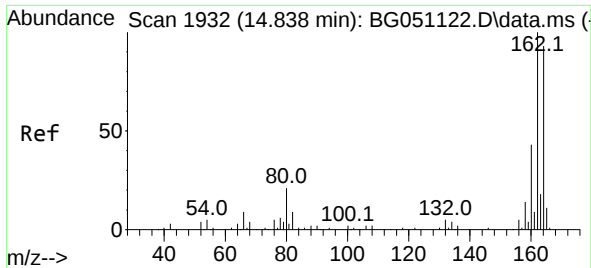
Tgt Ion:136 Resp: 125337
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.7 5.5 8.3#
68 7.5 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 77.582 ng
RT: 9.371 min Scan# 1001
Delta R.T. -0.015 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

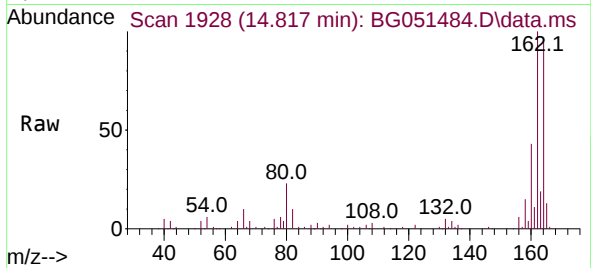
Tgt Ion: 82 Resp: 213017
Ion Ratio Lower Upper
82 100
128 38.2 29.8 44.6
54 48.5 45.8 68.8



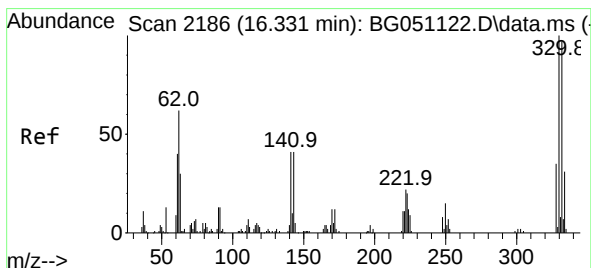
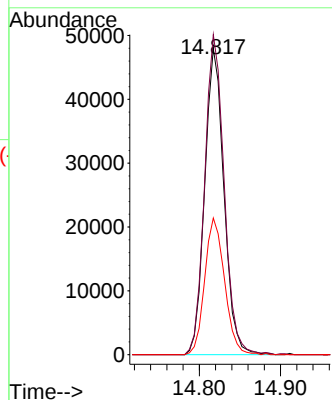
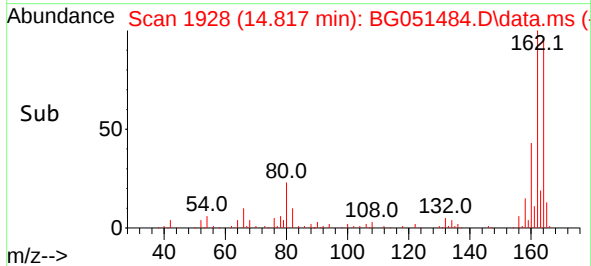


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.817 min Scan# 1932
Delta R.T. -0.021 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

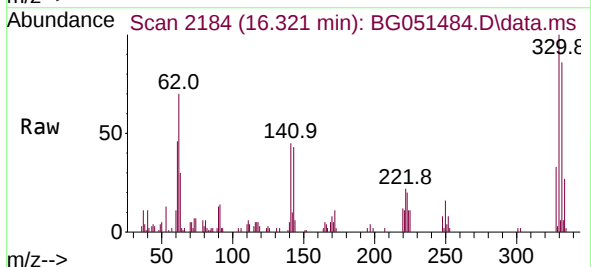
Instrument :
BNA_G
ClientSampleId :



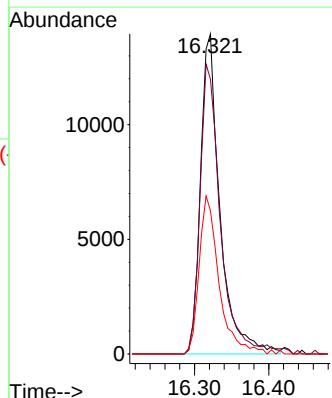
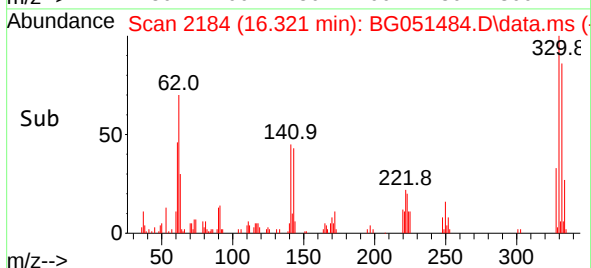
Tgt Ion:164 Resp: 78905
Ion Ratio Lower Upper
164 100
162 104.6 81.4 122.0
160 44.6 34.9 52.3

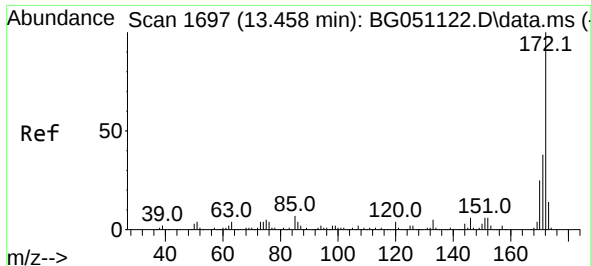


#42
2,4,6-Tribromophenol
Concen: 30.356 ng
RT: 16.321 min Scan# 2184
Delta R.T. -0.010 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02



Tgt Ion:330 Resp: 25458
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 50.3 35.6 53.4

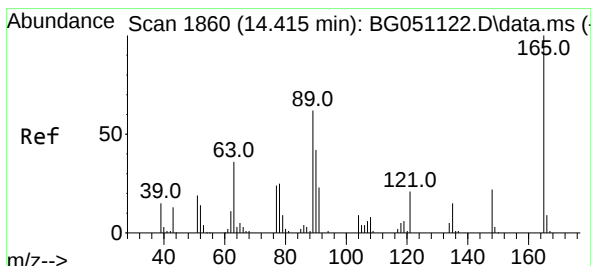
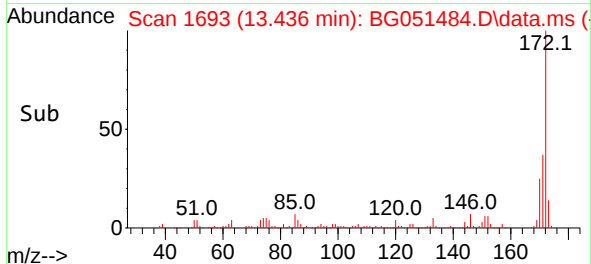
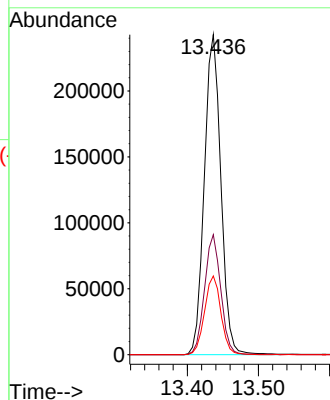
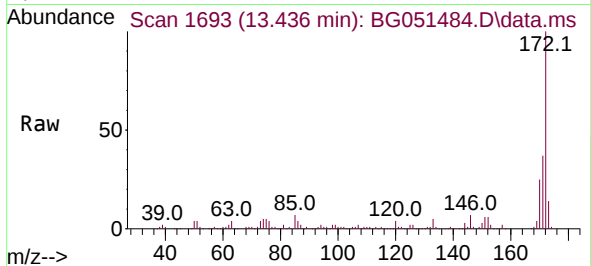




#45
2-Fluorobiphenyl
Concen: 75.366 ng
RT: 13.436 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

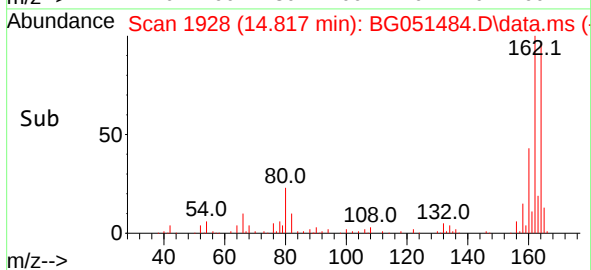
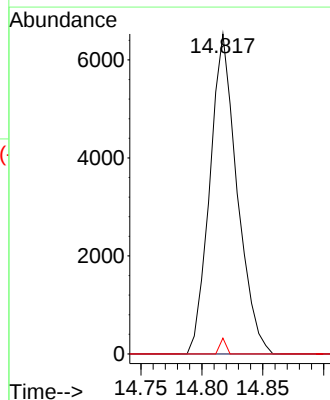
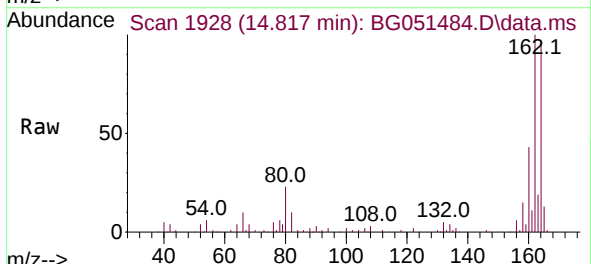
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BNA_G
ClientSampleId :

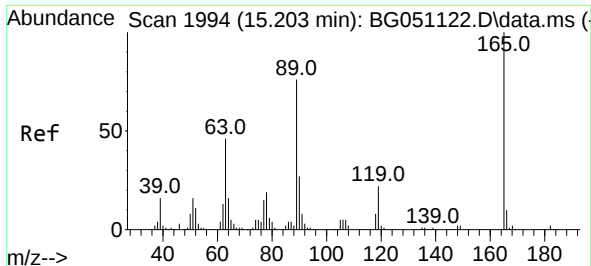
Tgt Ion:172 Resp: 394095
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 24.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.011 ng
RT: 14.817 min Scan# 1928
Delta R.T. 0.402 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

Tgt Ion:165 Resp: 10172
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.9 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.593 ng

RT: 14.817 min Scan# 1994

Delta R.T. -0.386 min

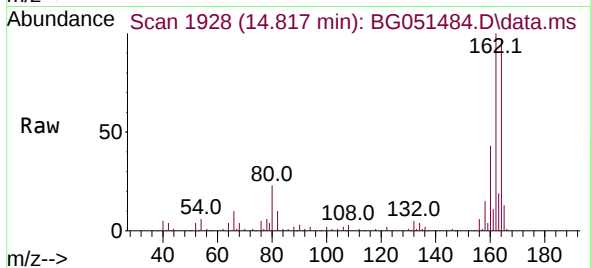
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Acq: 11 Dec 2021 18:02

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 10172

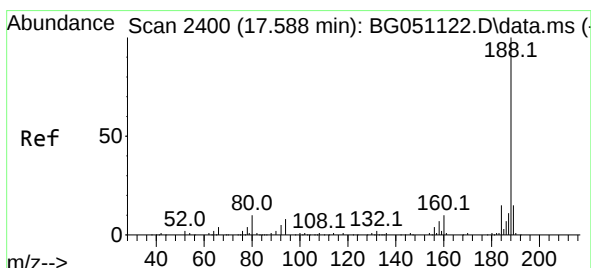
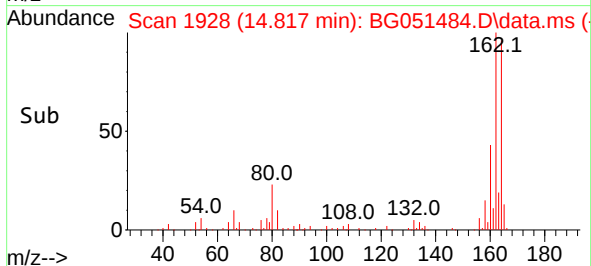
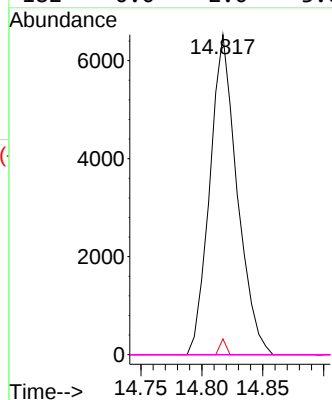
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 4.9 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.573 min Scan# 2397

Delta R.T. -0.015 min

Lab File: BG051484.D

Acq: 11 Dec 2021 18:02

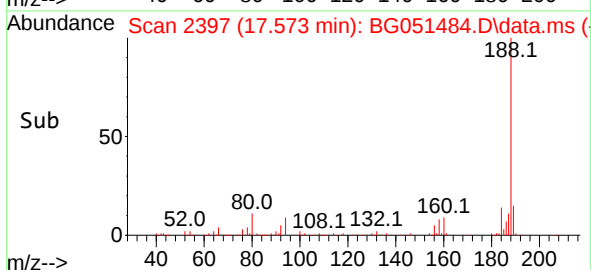
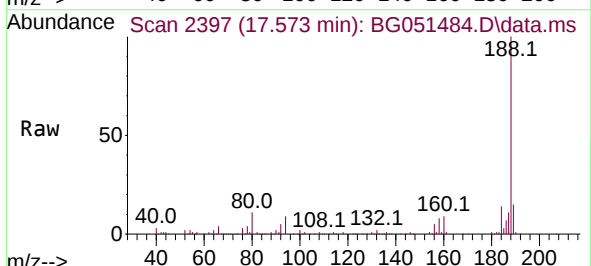
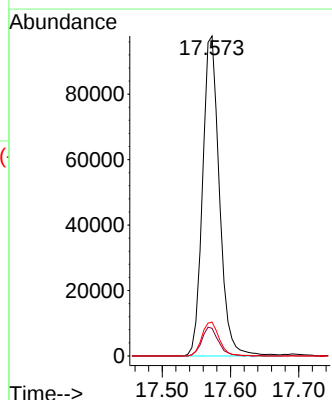
Tgt Ion:188 Resp: 167604

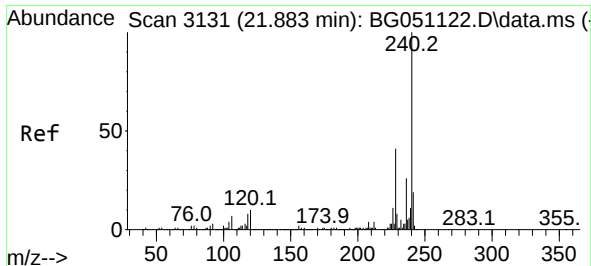
Ion Ratio Lower Upper

188 100

94 8.7 5.4 8.0#

80 10.6 3.7 5.5#

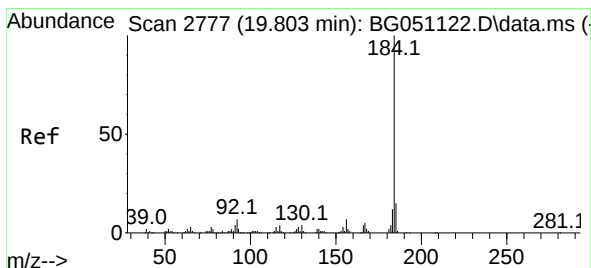
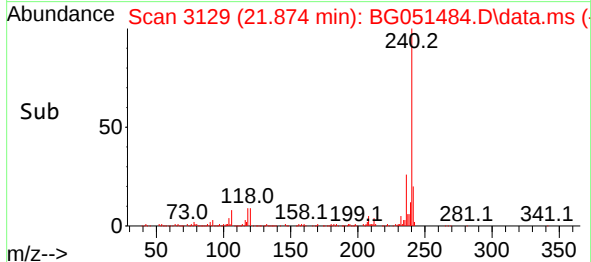
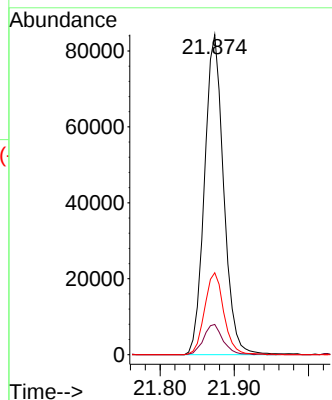
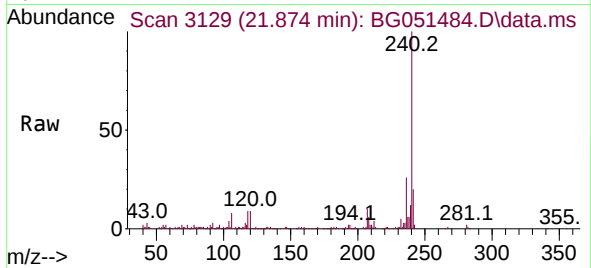




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.874 min Scan# 3131
Delta R.T. -0.009 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

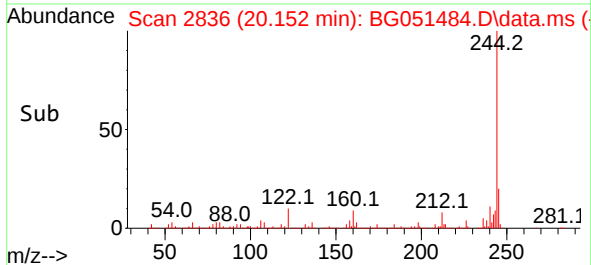
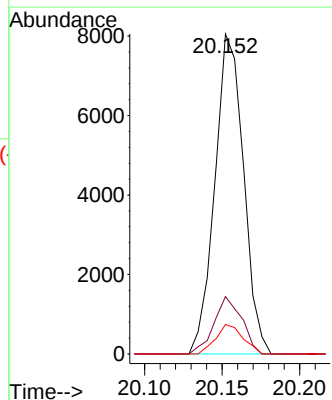
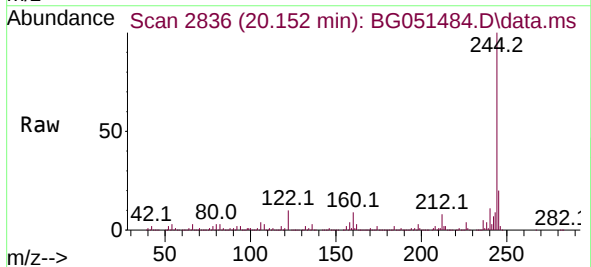
Instrument :
BNA_G
ClientSampleId :

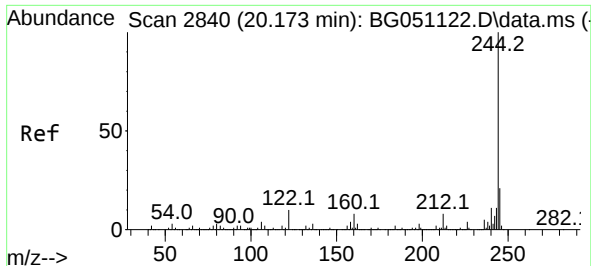
Tgt Ion:240 Resp: 151273
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 25.6 21.8 32.6



#77
Benzidine
Concen: 4.163 ng
RT: 20.152 min Scan# 2836
Delta R.T. 0.349 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

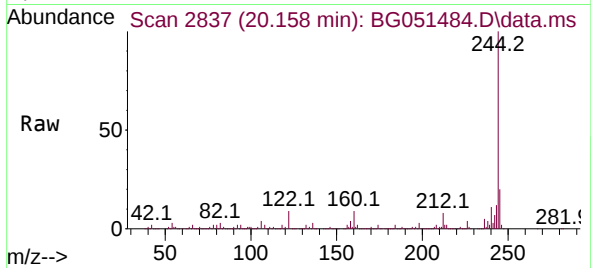
Tgt Ion:184 Resp: 10340
Ion Ratio Lower Upper
184 100
185 17.9 10.7 16.1#
183 9.2 9.4 14.0#



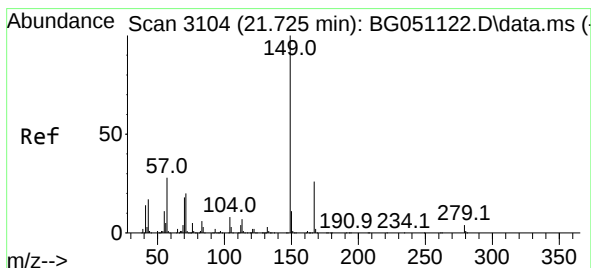
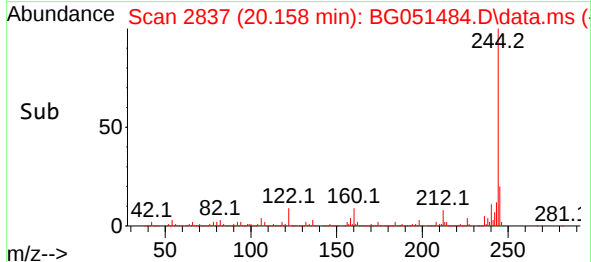
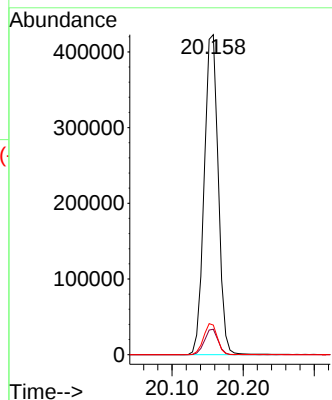


#79
 Terphenyl-d14
 Concen: 70.322 ng
 RT: 20.158 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG051484.D
 Acq: 11 Dec 2021 18:02

Instrument :
 BNA_G
 ClientSampleId :

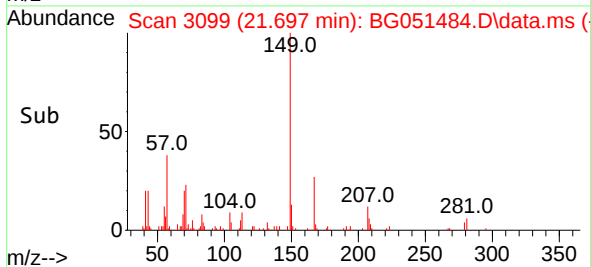
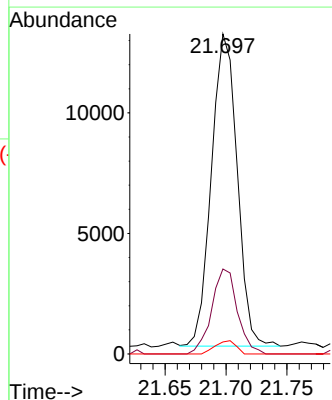
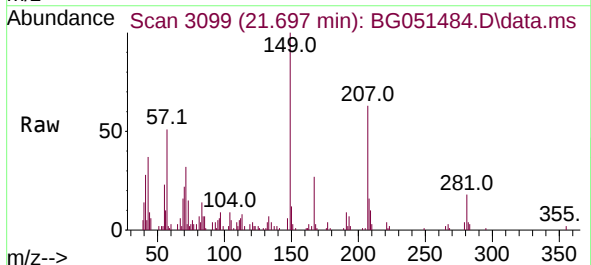


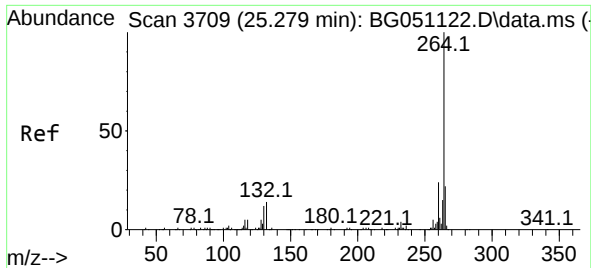
Tgt Ion:244 Resp: 581904
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 9.3 5.0 7.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.925 ng
 RT: 21.697 min Scan# 3099
 Delta R.T. -0.027 min
 Lab File: BG051484.D
 Acq: 11 Dec 2021 18:02

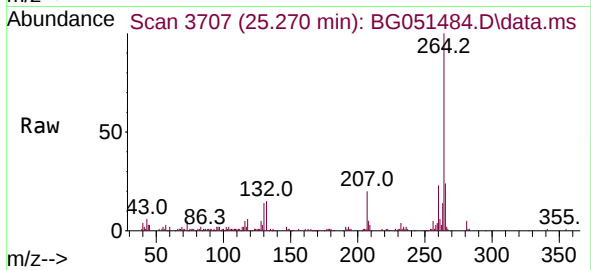
Tgt Ion:149 Resp: 19055
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.3 33.5
 279 3.7 3.8 5.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.270 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG051484.D
Acq: 11 Dec 2021 18:02

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:264 Resp: 147489
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 23.6 16.9 25.3

