

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052509.D
 Acq On : 28 Feb 2022 20:01
 Operator : CG/JU
 Sample : N1687-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 12-29-21-DRUM

Quant Time: Mar 01 01:00:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

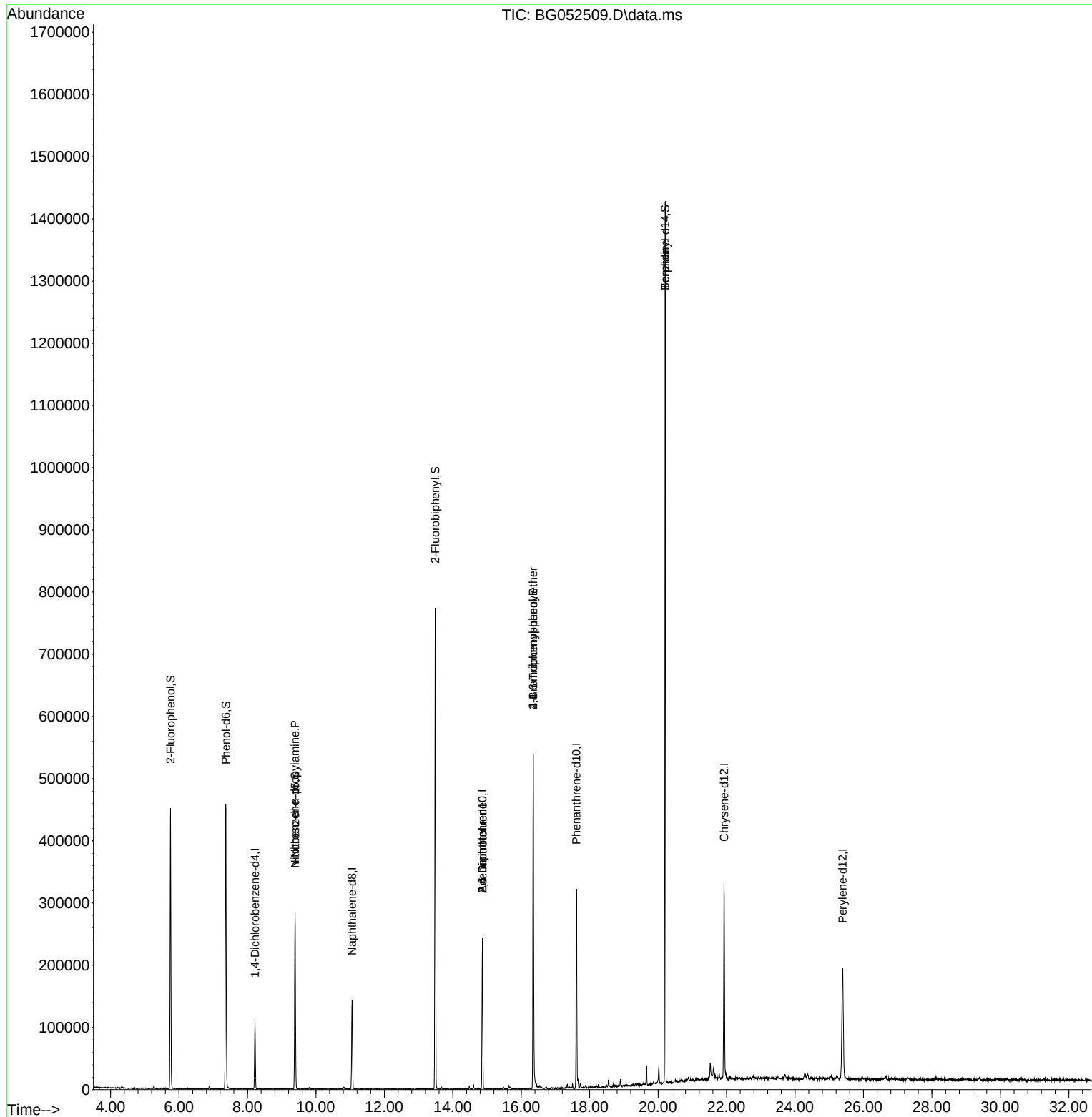
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	31119	20.000	ng	0.00
21) Naphthalene-d8	11.057	136	126045	20.000	ng	# 0.00
39) Acenaphthene-d10	14.864	164	87513	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	206377	20.000	ng	0.00
76) Chrysene-d12	21.925	240	206914	20.000	ng	#-0.02
86) Perylene-d12	25.391	264	213596	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	196443	110.021	ng	0.00
7) Phenol-d6	7.368	99	271415	98.519	ng	0.00
23) Nitrobenzene-d5	9.389	82	184683	63.680	ng	0.00
42) 2,4,6-Tribromophenol	16.350	330	121422	96.576	ng	0.00
45) 2-Fluorobiphenyl	13.483	172	413179	65.605	ng	0.00
79) Terphenyl-d14	20.209	244	735223	62.746	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.368	77	641	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.389	70	24857	11.968	ng	# 73
51) 2,6-Dinitrotoluene	14.864	165	11880	8.212	ng	# 19
57) 2,4-Dinitrotoluene	14.864	165	11880	5.770	ng	# 18
67) 4-Bromophenyl-phenylether	16.350	248	7188	2.864	ng	# 1
77) Benzidine	20.209	184	10619	2.402	ng	# 92

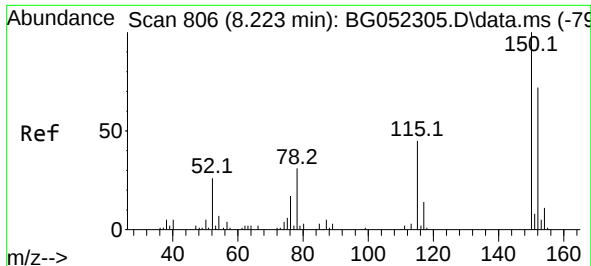
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 01 01:00:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

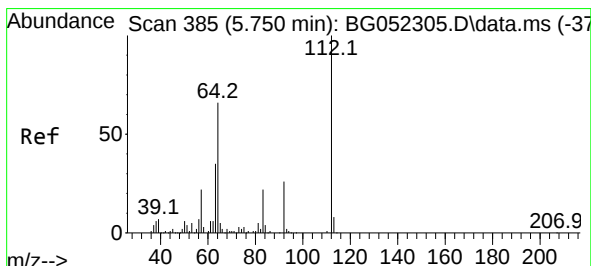
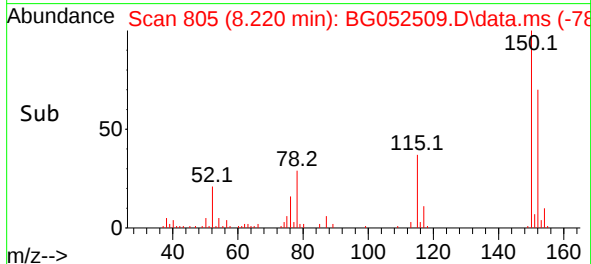
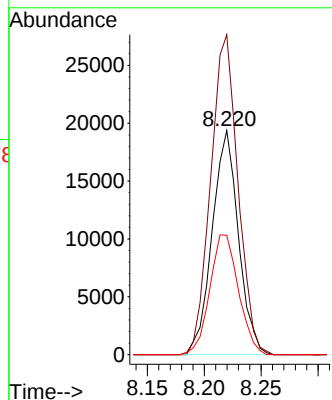
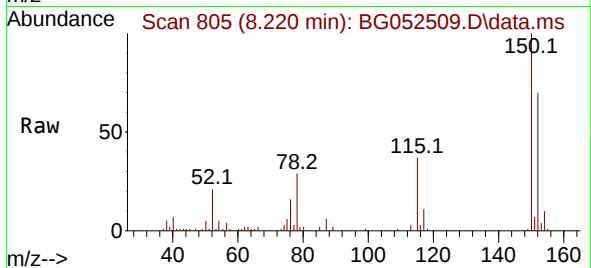




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

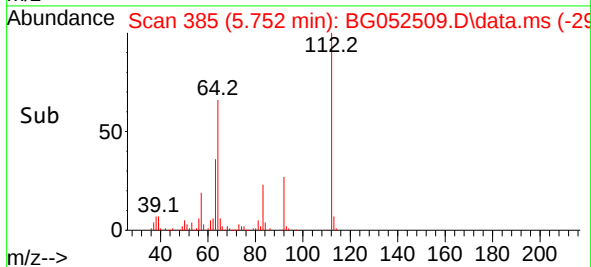
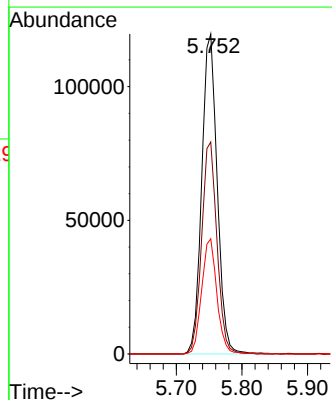
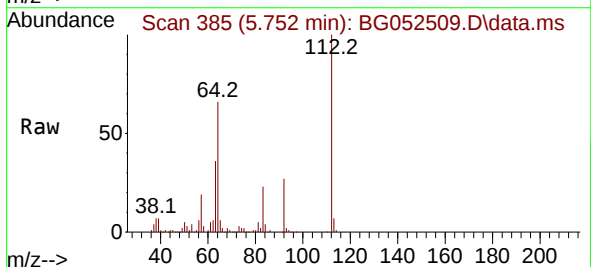
Instrument :
BNA_G
ClientSampleId :
12-29-21-DRUM

Tgt Ion:152 Resp: 31119
Ion Ratio Lower Upper
152 100
150 142.8 117.8 176.8
115 53.3 50.2 75.2



#5
2-Fluorophenol
Concen: 110.021 ng
RT: 5.752 min Scan# 385
Delta R.T. 0.002 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

Tgt Ion:112 Resp: 196443
Ion Ratio Lower Upper
112 100
64 66.2 60.4 90.6
63 36.0 33.3 49.9

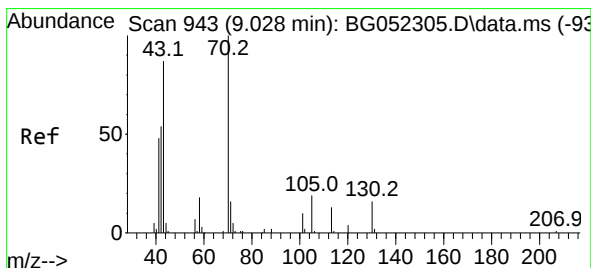
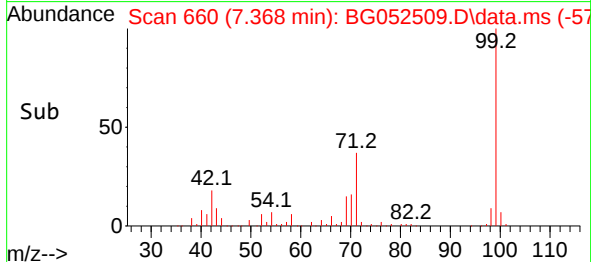
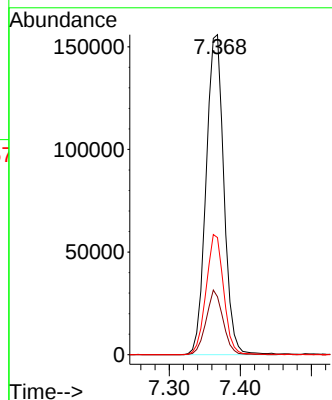
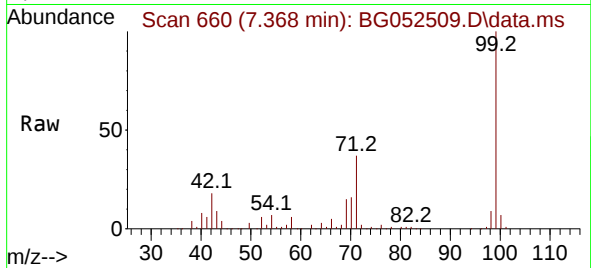




#7
Phenol-d6
Concen: 98.519 ng
RT: 7.368 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

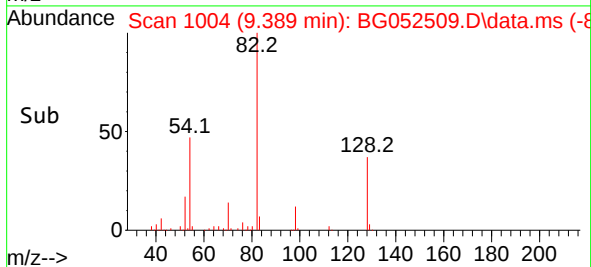
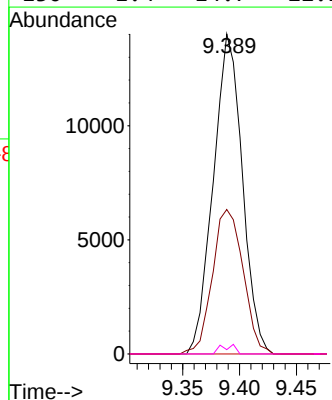
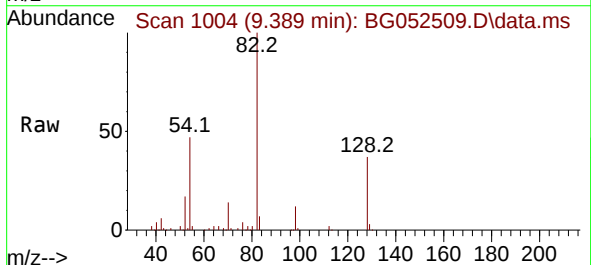
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BNA_G
ClientSampleId :
12-29-21-DRUM

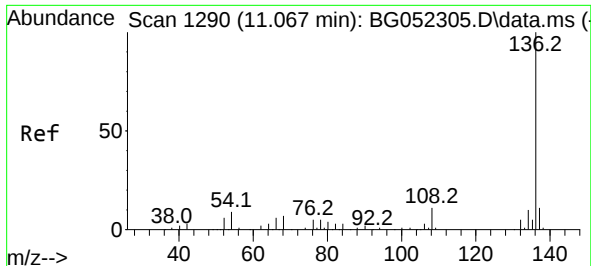
Tgt Ion: 99 Resp: 271415
Ion Ratio Lower Upper
99 100
42 18.1 19.1 28.7#
71 36.6 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.968 ng
RT: 9.389 min Scan# 1004
Delta R.T. 0.361 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

Tgt Ion: 70 Resp: 24857
Ion Ratio Lower Upper
70 100
42 45.2 51.8 77.6#
101 0.0 6.6 10.0#
130 1.4 14.7 22.1#

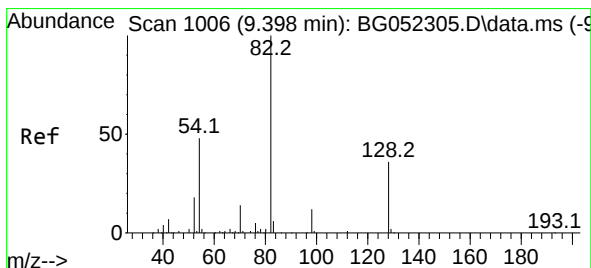
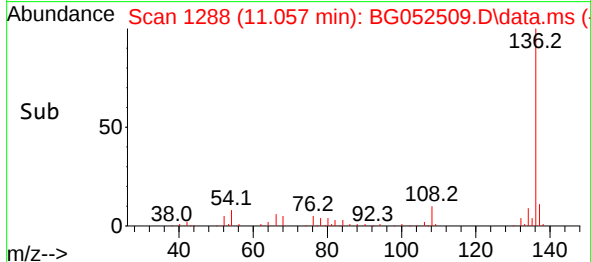
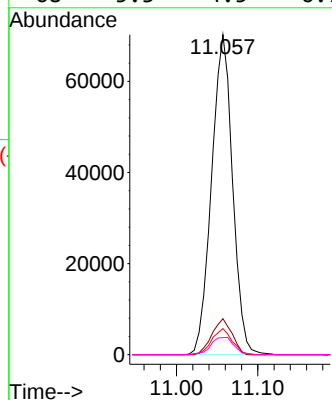
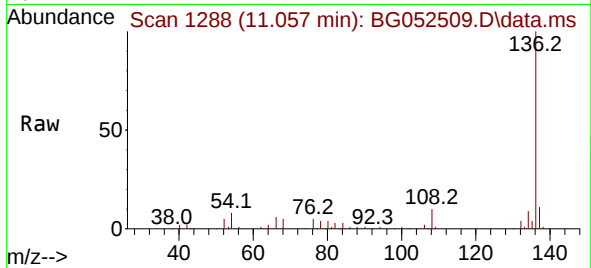




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.057 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

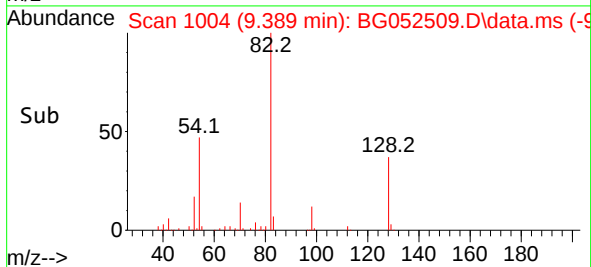
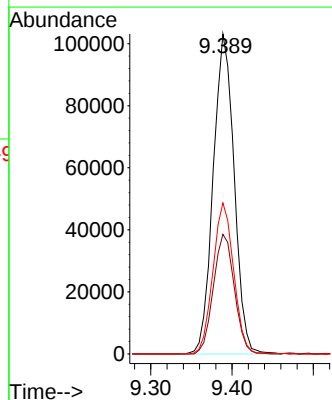
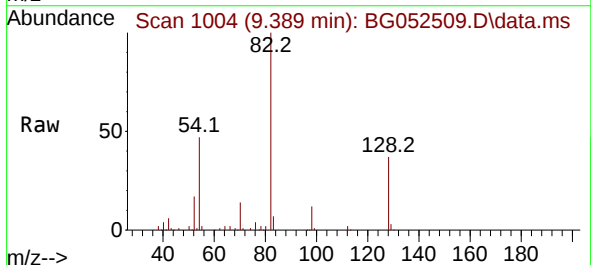
Instrument :
BNA_G
ClientSampleId :
12-29-21-DRUM

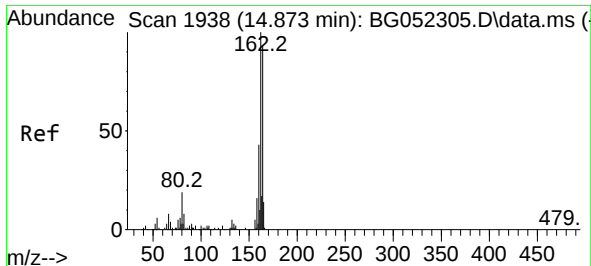
Tgt Ion:136 Resp: 126045
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.1 8.3 12.5#
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 63.680 ng
RT: 9.389 min Scan# 1004
Delta R.T. -0.010 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

Tgt Ion: 82 Resp: 184683
Ion Ratio Lower Upper
82 100
128 37.4 27.0 40.4
54 47.2 41.0 61.6

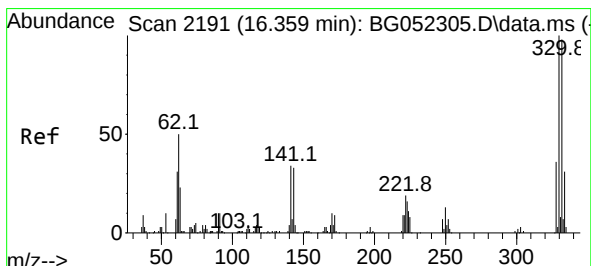
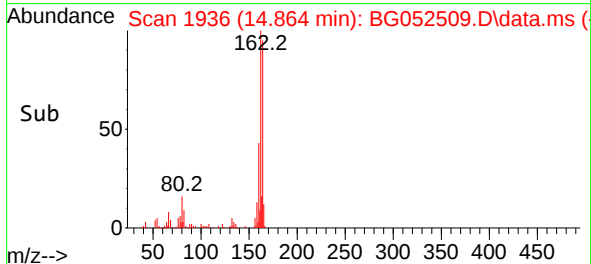
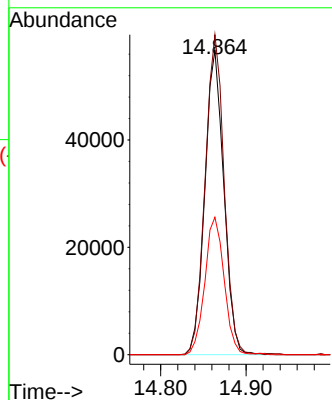
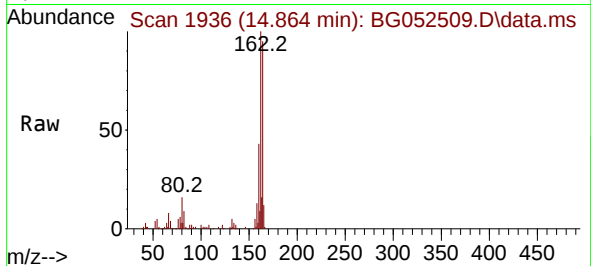




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.864 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

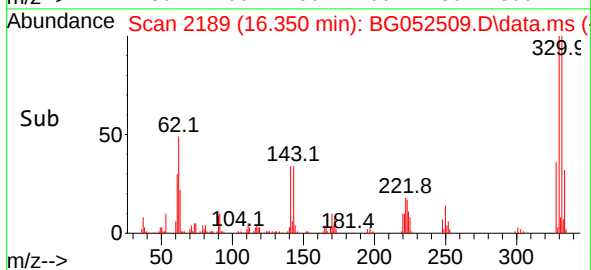
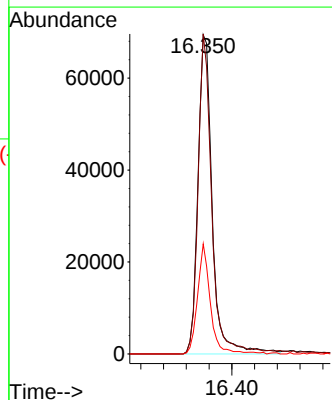
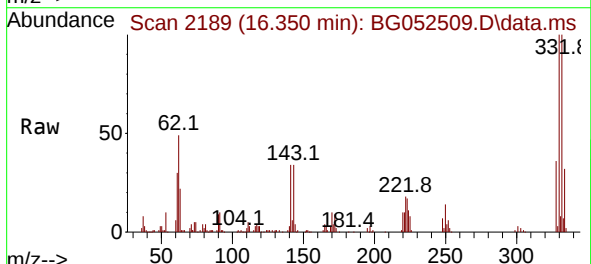
Instrument :
BNA_G
ClientSampleId :
12-29-21-DRUM

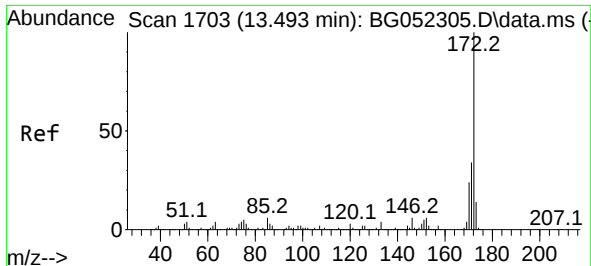
Tgt Ion:164 Resp: 87513
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.2
160 45.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 96.576 ng
RT: 16.350 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

Tgt Ion:330 Resp: 121422
Ion Ratio Lower Upper
330 100
332 93.9 78.6 117.8
141 30.6 28.8 43.2

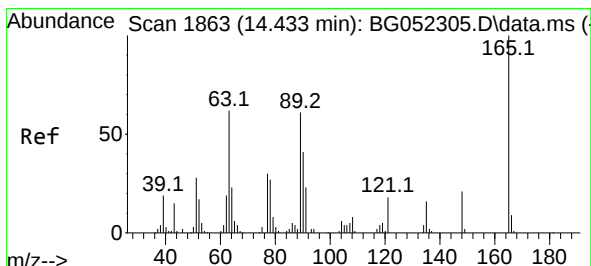
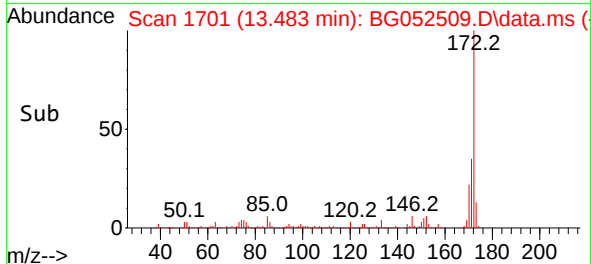
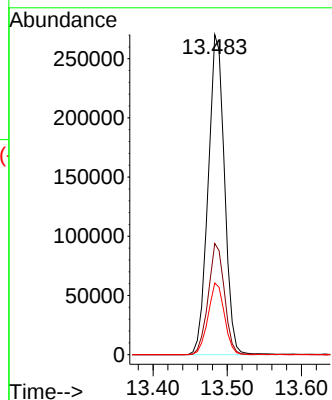
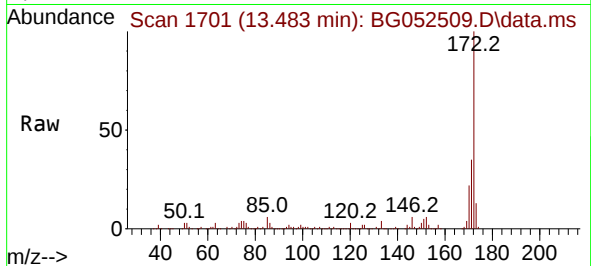




#45
2-Fluorobiphenyl
Concen: 65.605 ng
RT: 13.483 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

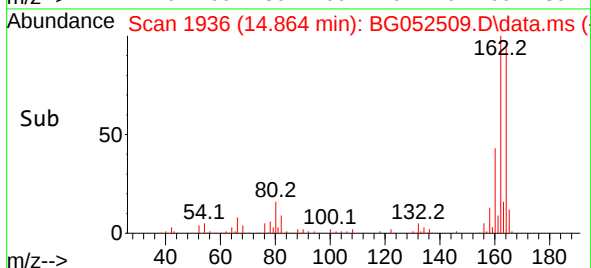
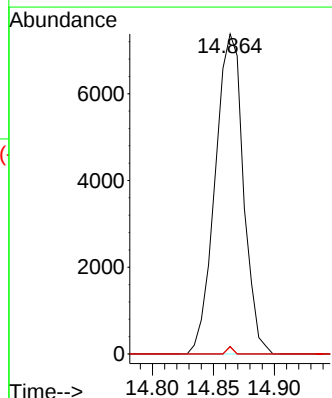
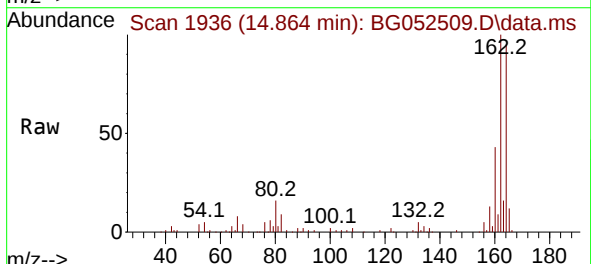
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ClientSampleId :
12-29-21-DRUM

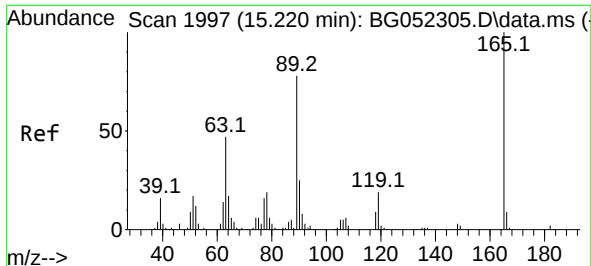
Tgt Ion:172 Resp: 413179
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.4 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.212 ng
RT: 14.864 min Scan# 1936
Delta R.T. 0.431 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

Tgt Ion:165 Resp: 11880
Ion Ratio Lower Upper
165 100
63 2.4 59.0 88.4#
89 2.2 49.4 74.0#

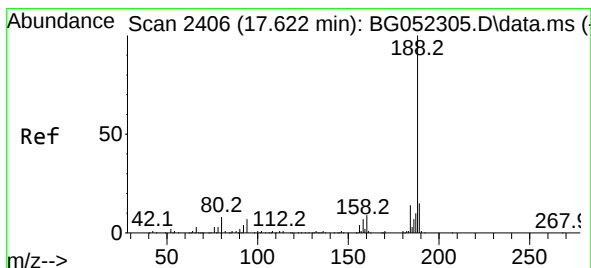
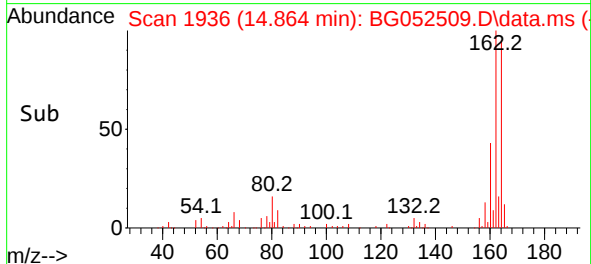
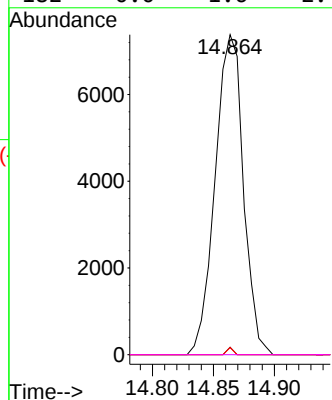
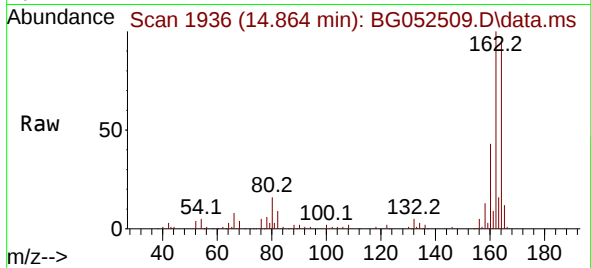




#57
2,4-Dinitrotoluene
Concen: 5.770 ng
RT: 14.864 min Scan# 1997
Delta R.T. -0.356 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

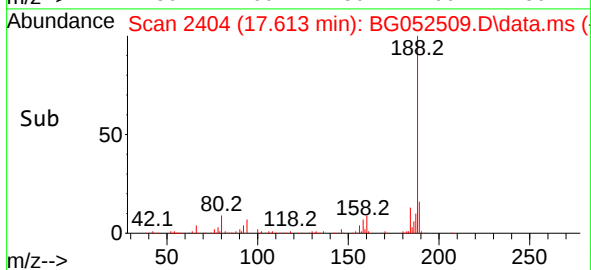
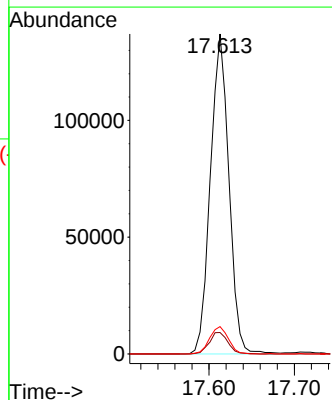
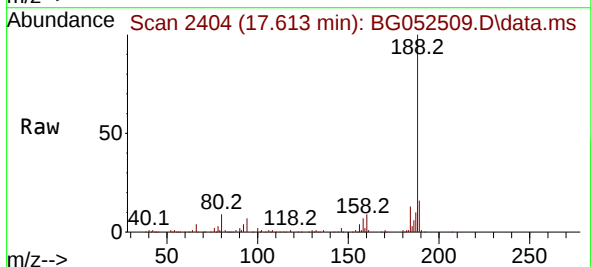
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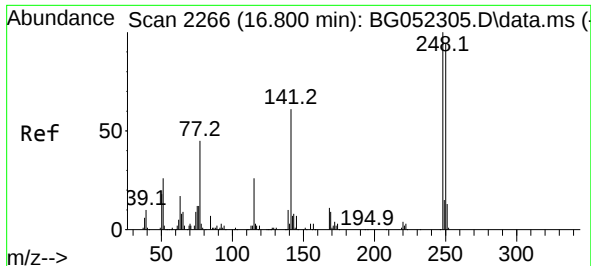
Tgt Ion:165 Resp: 11880
Ion Ratio Lower Upper
165 100
63 2.4 44.6 66.8#
89 2.2 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2404
Delta R.T. -0.010 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

Tgt Ion:188 Resp: 206377
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 8.5 6.6 10.0

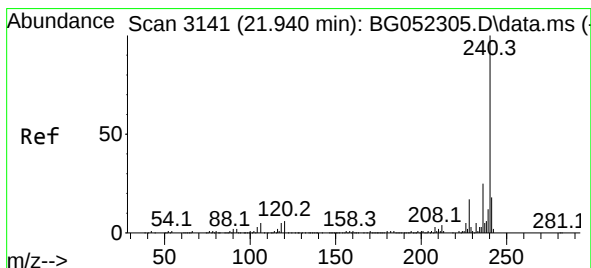
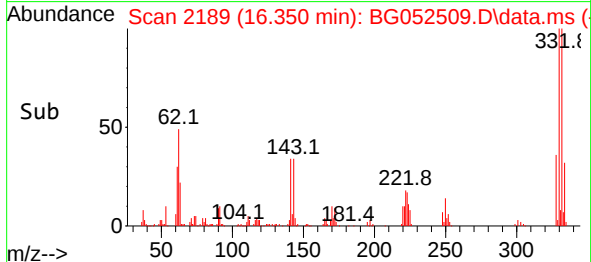
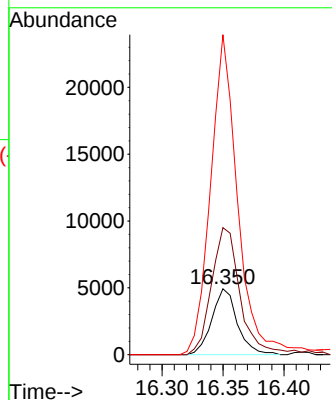
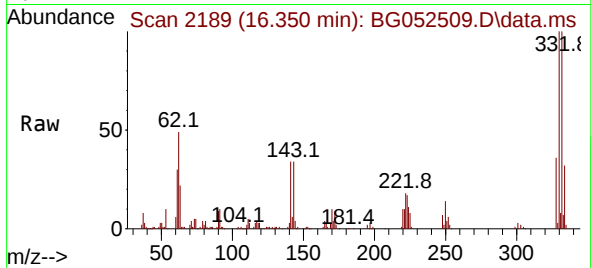




#67
4-Bromophenyl-phenylether
Concen: 2.864 ng
RT: 16.350 min Scan# 2189
Delta R.T. -0.450 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

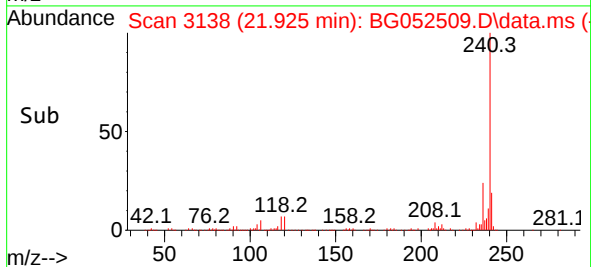
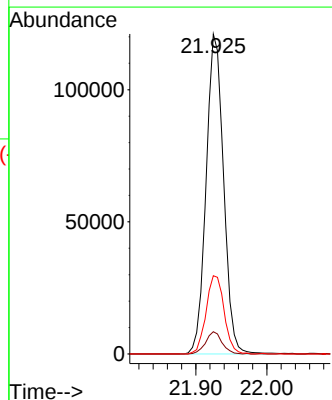
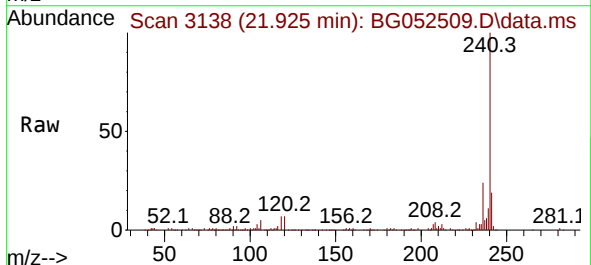
Instrument :
BNA_G
ClientSampleId :
12-29-21-DRUM

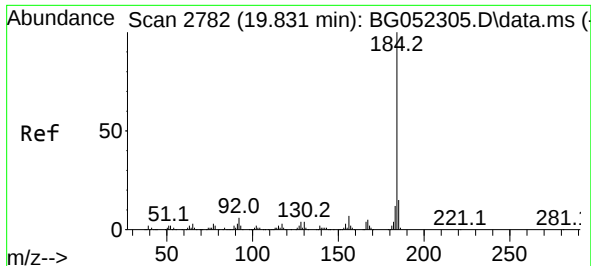
Tgt Ion:248 Resp: 7188
Ion Ratio Lower Upper
248 100
250 192.7 79.6 119.4#
141 485.6 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3138
Delta R.T. -0.015 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

Tgt Ion:240 Resp: 206914
Ion Ratio Lower Upper
240 100
120 7.0 4.4 6.6#
236 24.5 20.8 31.2

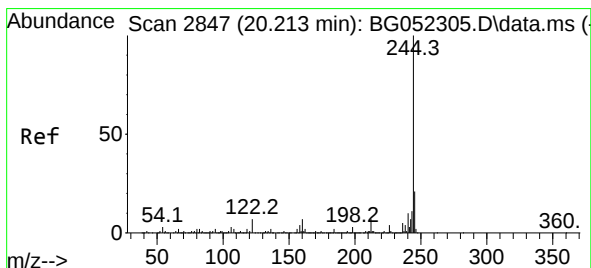
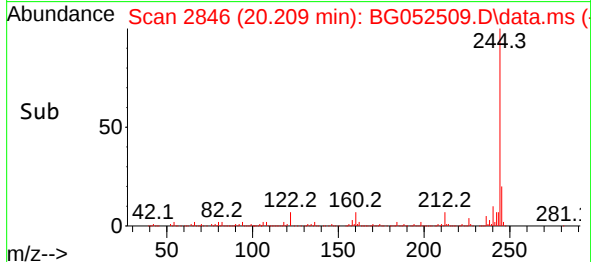
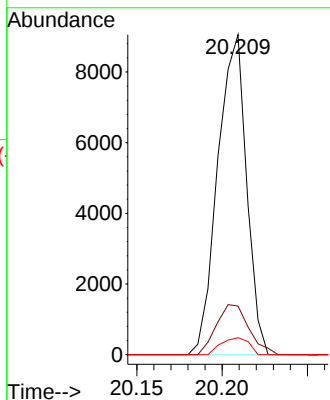
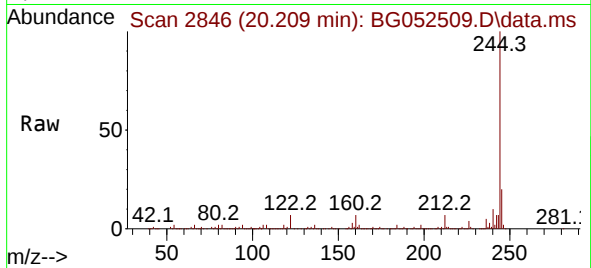




#77
Benzidine
Concen: 2.402 ng
RT: 20.209 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

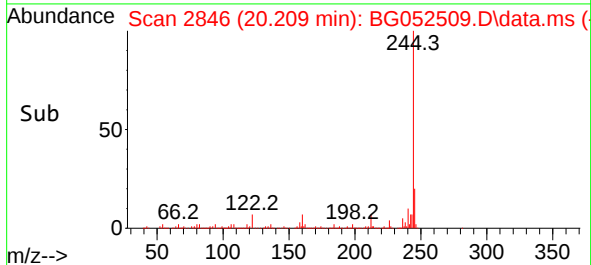
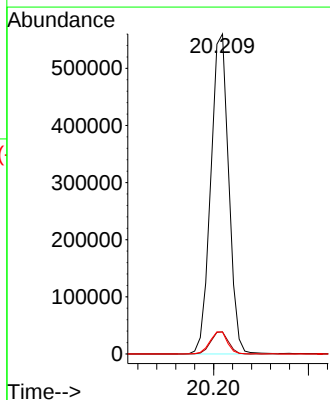
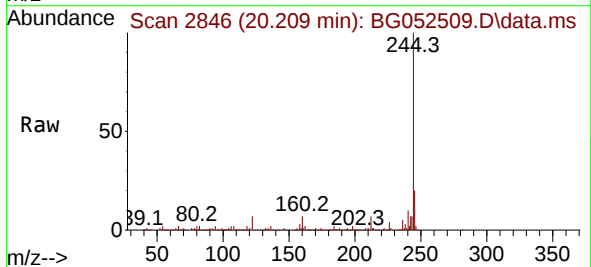
Instrument :
BNA_G
ClientSampleId :
12-29-21-DRUM

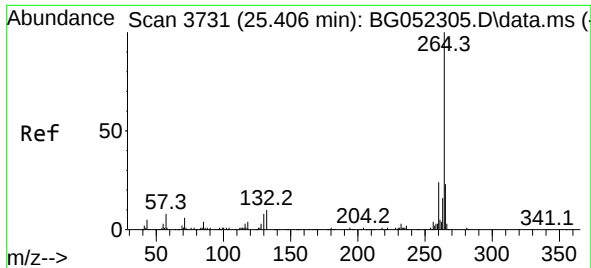
Tgt Ion:184 Resp: 10619
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.8
183 5.3 9.8 14.6#



#79
Terphenyl-d14
Concen: 62.746 ng
RT: 20.209 min Scan# 2846
Delta R.T. -0.004 min
Lab File: BG052509.D
Acq: 28 Feb 2022 20:01

Tgt Ion:244 Resp: 735223
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 6.9 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.391 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG052509.D

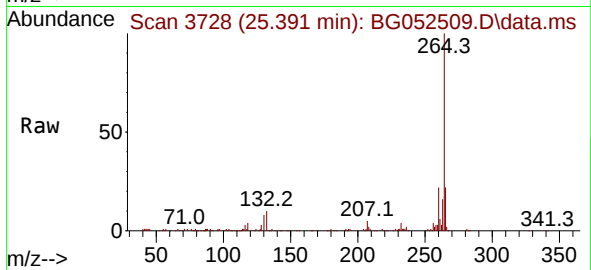
Acq: 28 Feb 2022 20:01

Instrument :

BNA_G

ClientSampleId :

12-29-21-DRUM



Tgt Ion:264 Resp: 213596

Ion Ratio Lower Upper

264 100

260 21.8 18.5 27.7

265 21.8 17.8 26.6

