

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052364.D
 Acq On : 10 Feb 2022 21:30
 Operator : CG/JU
 Sample : N1426-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-04-0207

Quant Time: Feb 11 02:08:18 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)

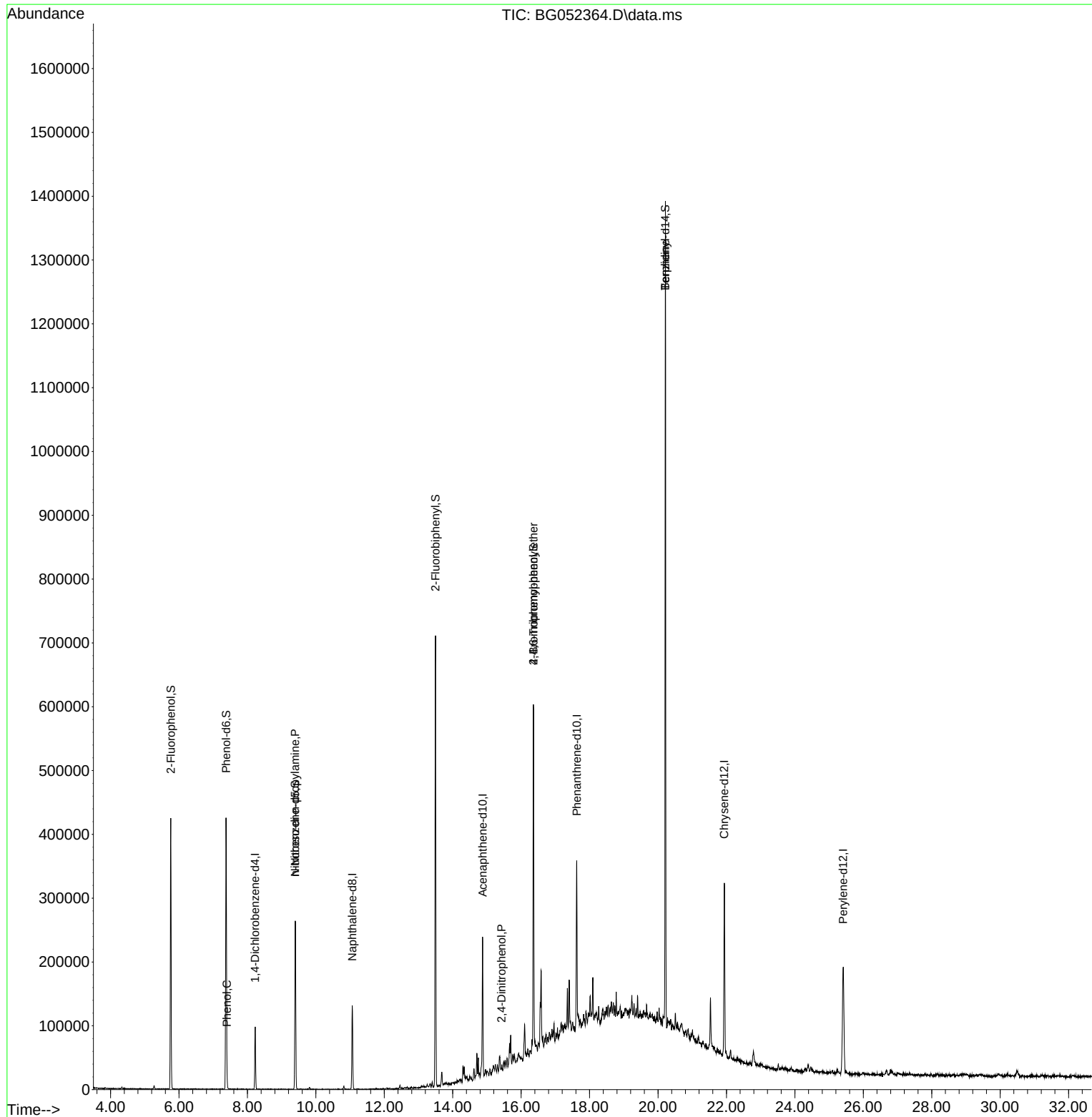
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	28036	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	113785	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	72886	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	163401	20.000	ng	0.00
76) Chrysene-d12	21.936	240	178358	20.000	ng	0.00
86) Perylene-d12	25.408	264	198628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	174514	108.487	ng	0.00
7) Phenol-d6	7.374	99	238725	96.182	ng	0.00
23) Nitrobenzene-d5	9.394	82	170997	65.314	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	109915	104.968	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	373258	71.160	ng	0.00
79) Terphenyl-d14	20.215	244	611608	60.553	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.374	77	442	Below Cal	#	8
10) Phenol	7.403	94	5319	2.157	ng	95
19) n-Nitroso-di-n-propyla...	9.394	70	24165	12.914	ng	# 73
54) 2,4-Dinitrophenol	15.427	184	59	4.976	ng	# 17
67) 4-Bromophenyl-phenylether	16.362	248	7409	3.728	ng	# 1
77) Benzidine	20.215	184	9847	2.584	ng	97

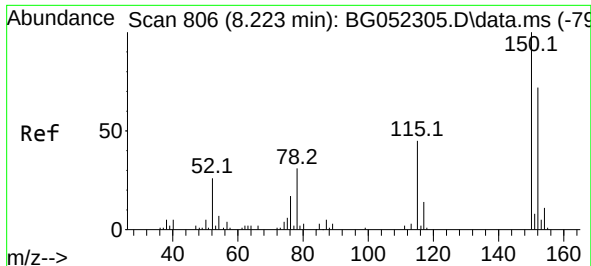
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
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Quant Time: Feb 11 02:08:18 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

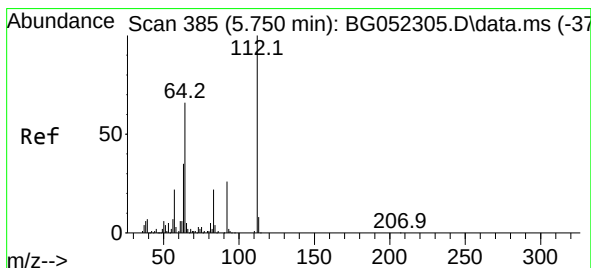
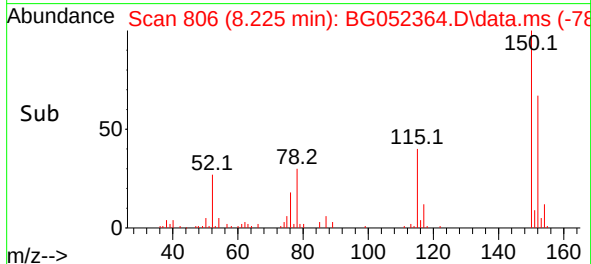
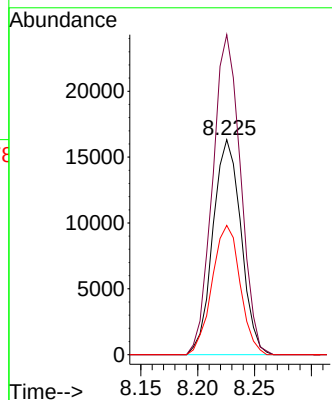
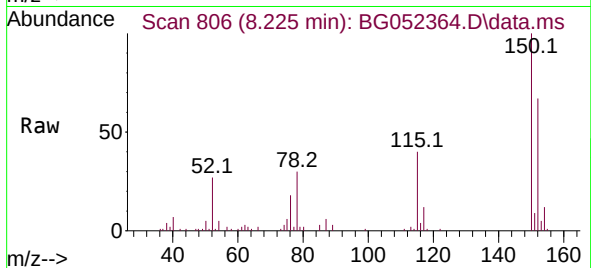




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 806
Delta R.T. 0.002 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

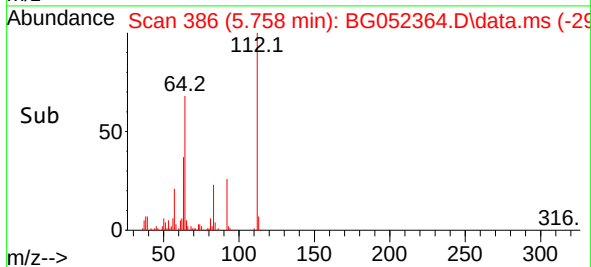
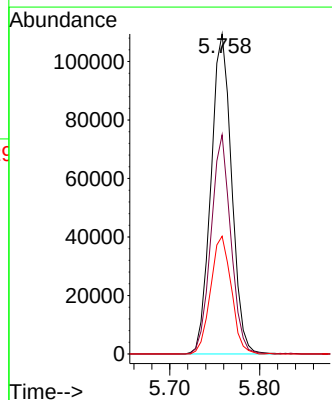
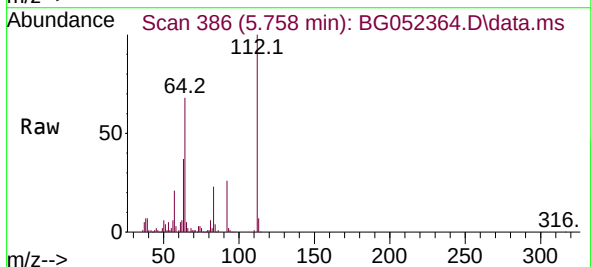
Instrument :
BNA_G
ClientSampleId :
POST-EX-04-0207

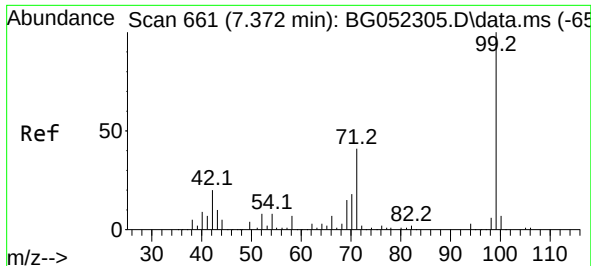
Tgt Ion:152 Resp: 28036
Ion Ratio Lower Upper
152 100
150 148.8 117.8 176.8
115 60.1 50.2 75.2



#5
2-Fluorophenol
Concen: 108.487 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

Tgt Ion:112 Resp: 174514
Ion Ratio Lower Upper
112 100
64 68.5 60.4 90.6
63 36.8 33.3 49.9

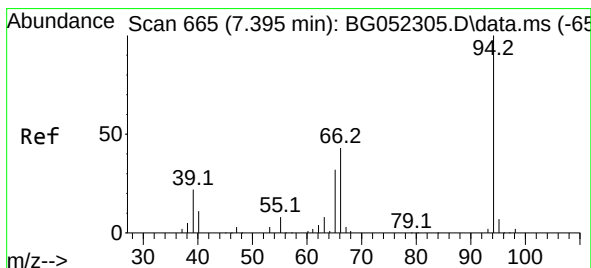
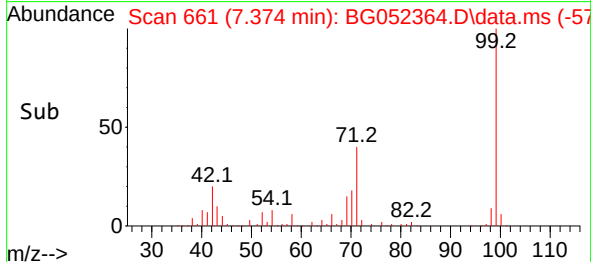
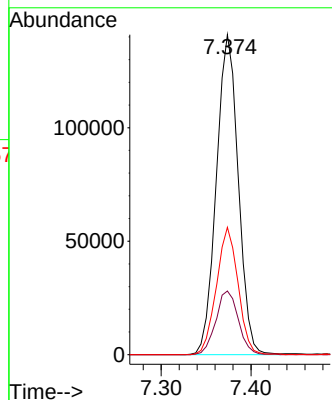
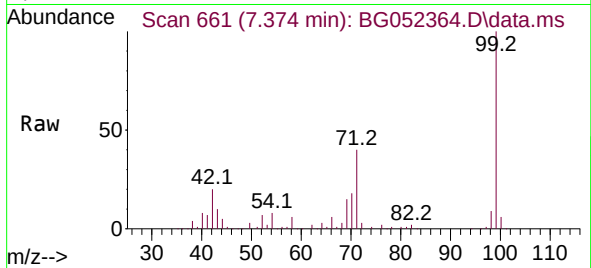




#7
Phenol-d6
Concen: 96.182 ng
RT: 7.374 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

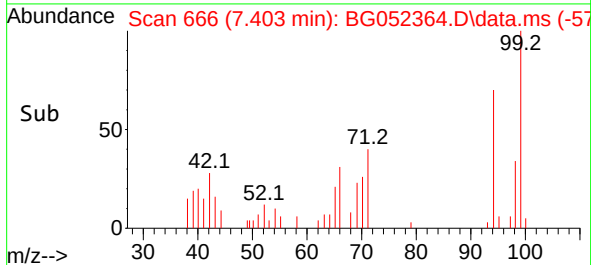
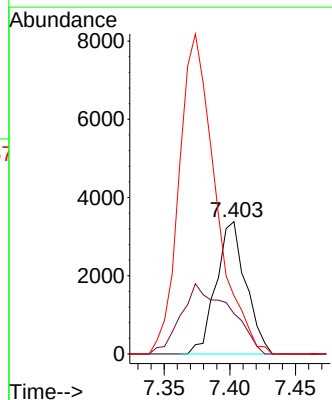
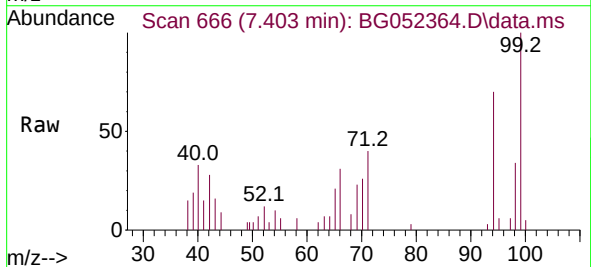
Instrument :
BNA_G
ClientSampleId :
POST-EX-04-0207

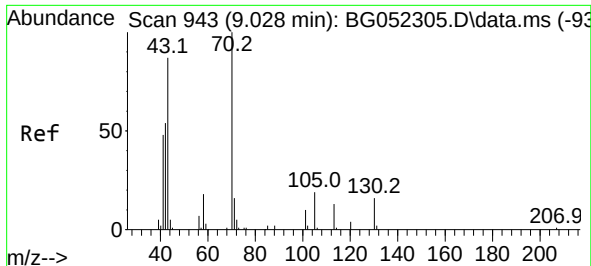
Tgt Ion: 99 Resp: 238725
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 39.8 33.4 50.2



#10
Phenol
Concen: 2.157 ng
RT: 7.403 min Scan# 666
Delta R.T. 0.008 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

Tgt Ion: 94 Resp: 5319
Ion Ratio Lower Upper
94 100
65 30.5 14.1 54.1
66 44.1 26.6 66.6

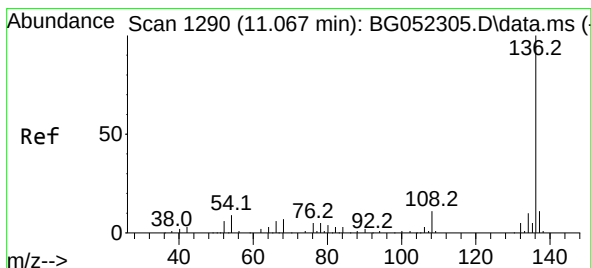
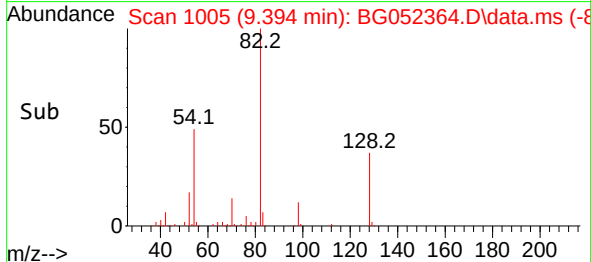
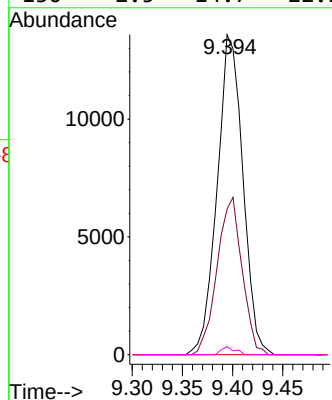
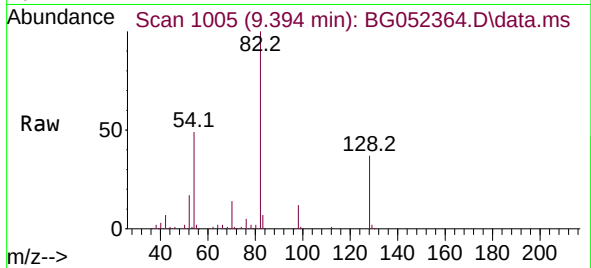




#19
n-Nitroso-di-n-propylamine
Concen: 12.914 ng
RT: 9.394 min Scan# 1005
Delta R.T. 0.366 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

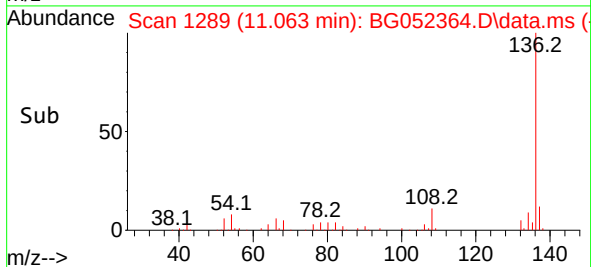
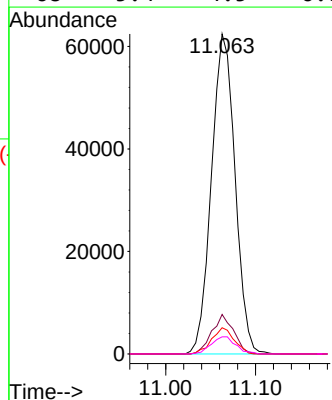
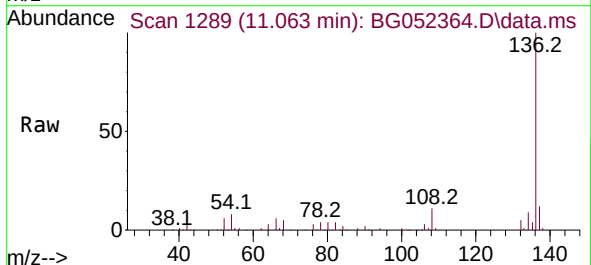
Instrument :
BNA_G
ClientSampleId :
POST-EX-04-0207

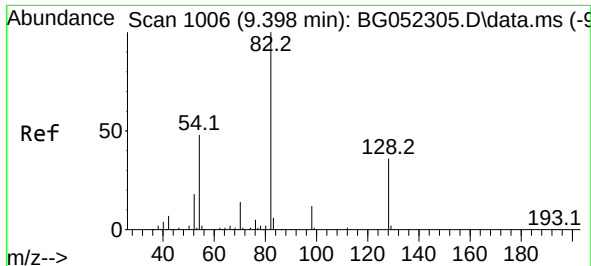
Tgt Ion: 70 Resp: 24165
Ion Ratio Lower Upper
70 100
42 45.6 51.8 77.6#
101 0.0 6.6 10.0#
130 2.5 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 1289
Delta R.T. -0.004 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

Tgt Ion: 136 Resp: 113785
Ion Ratio Lower Upper
136 100
137 12.3 9.1 13.7
54 8.2 8.3 12.5#
68 5.4 4.5 6.7

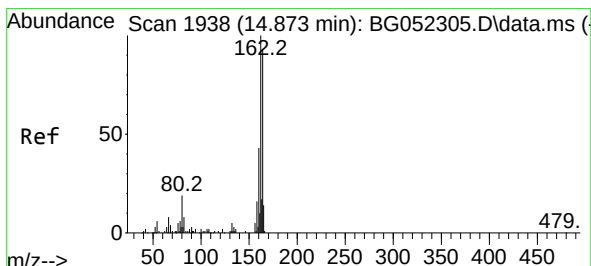
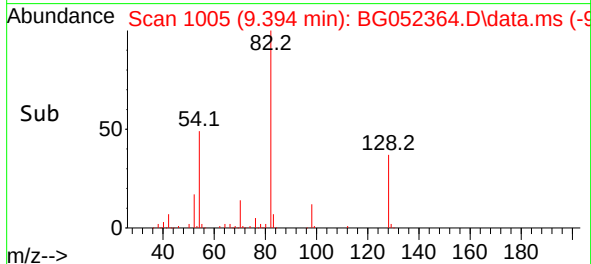
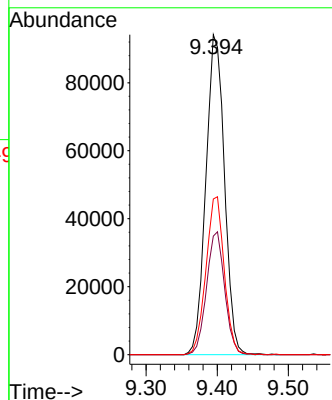
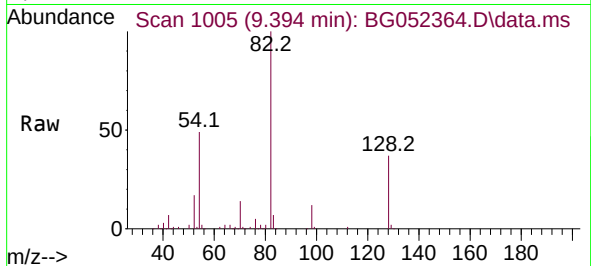




#23
Nitrobenzene-d5
Concen: 65.314 ng
RT: 9.394 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

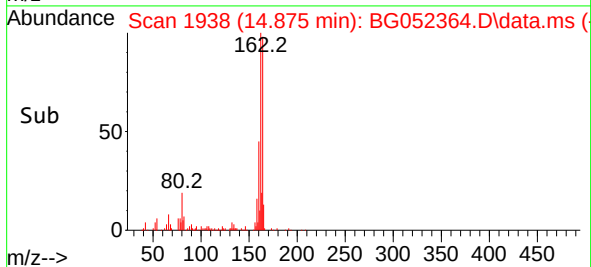
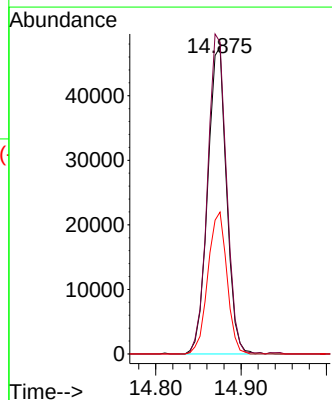
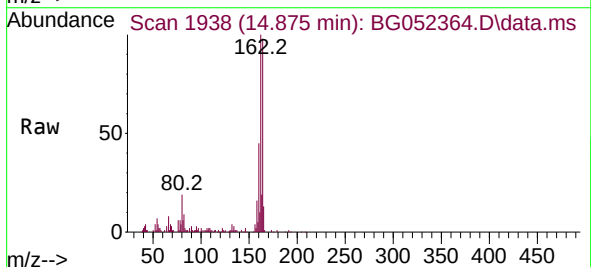
Instrument :
BNA_G
ClientSampleId :
POST-EX-04-0207

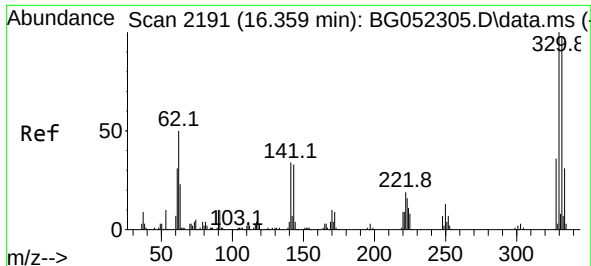
Tgt Ion: 82 Resp: 170997
Ion Ratio Lower Upper
82 100
128 37.0 27.0 40.4
54 48.6 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.002 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

Tgt Ion:164 Resp: 72886
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 46.2 36.2 54.2

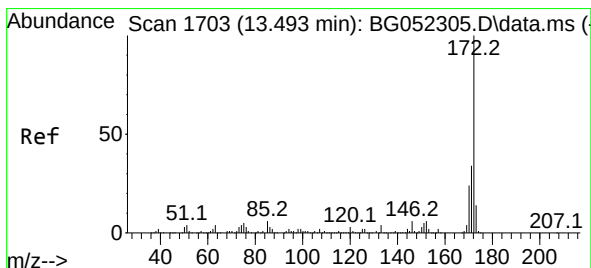
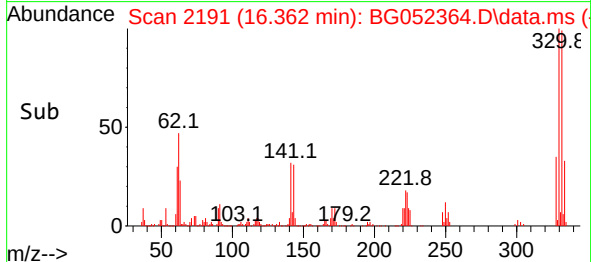
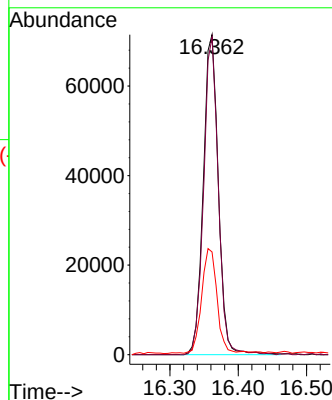
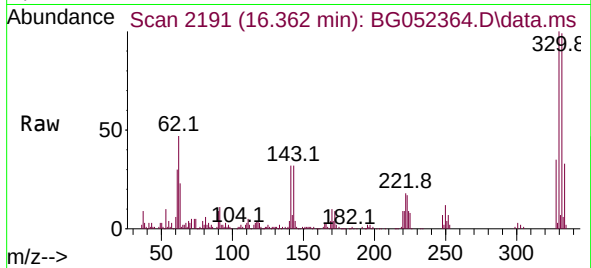




#42
2,4,6-Tribromophenol
Concen: 104.968 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

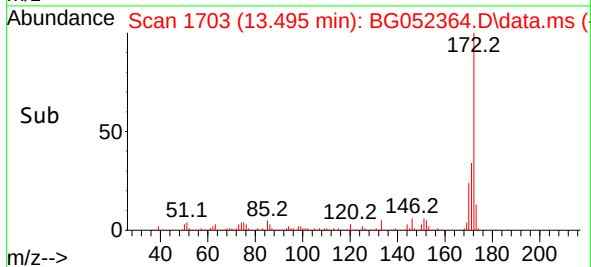
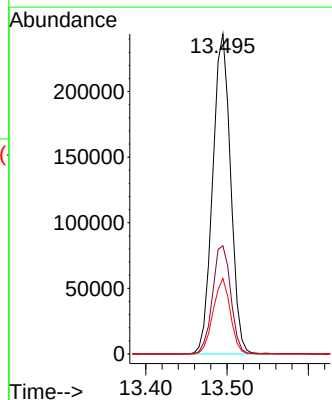
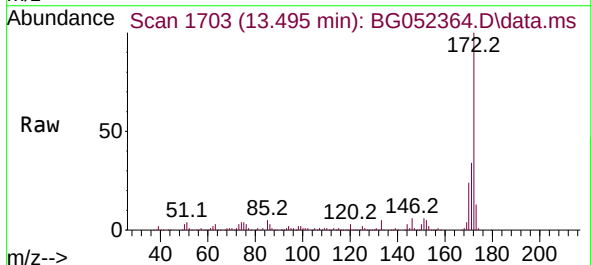
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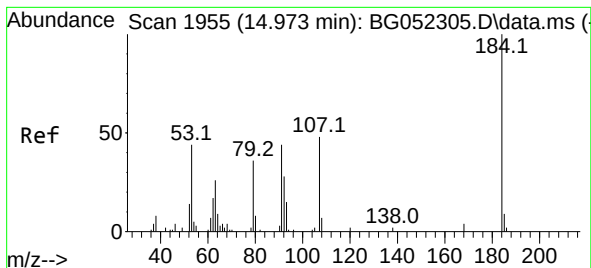
Tgt Ion:330 Resp: 109915
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 33.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 71.160 ng
RT: 13.495 min Scan# 1703
Delta R.T. 0.002 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

Tgt Ion:172 Resp: 373258
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 23.6 18.3 27.5

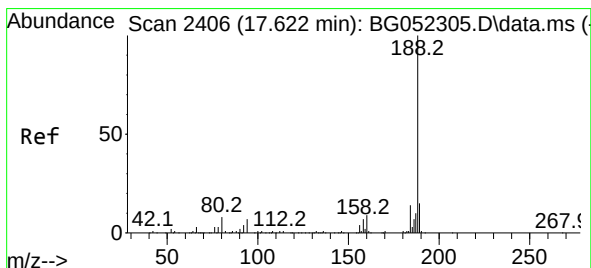
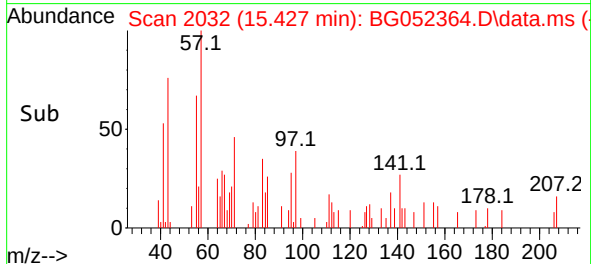
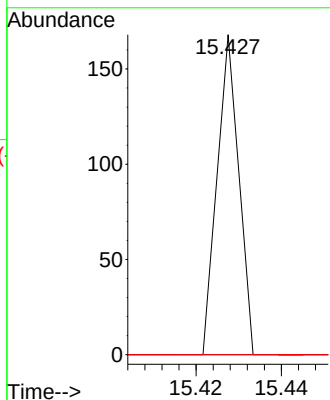
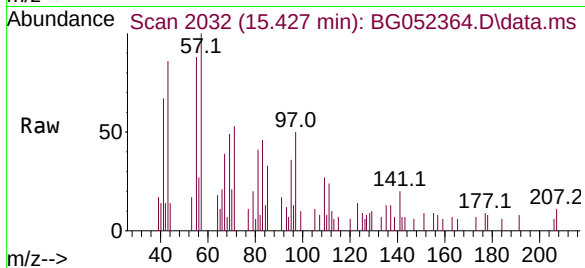




#54
2,4-Dinitrophenol
Concen: 4.976 ng
RT: 15.427 min Scan# 20
Delta R.T. 0.454 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

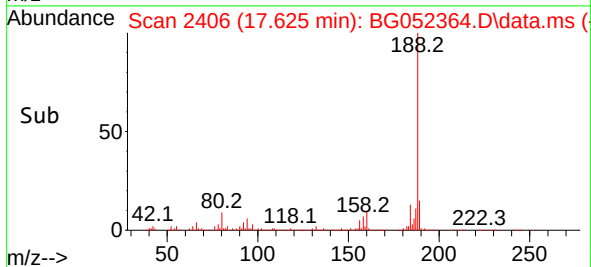
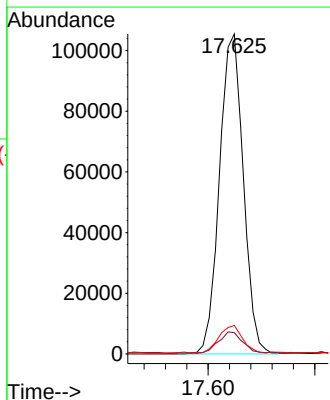
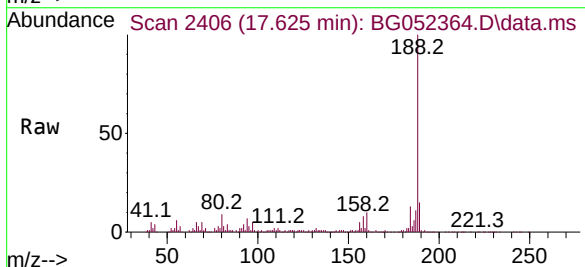
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POST-EX-04-0207

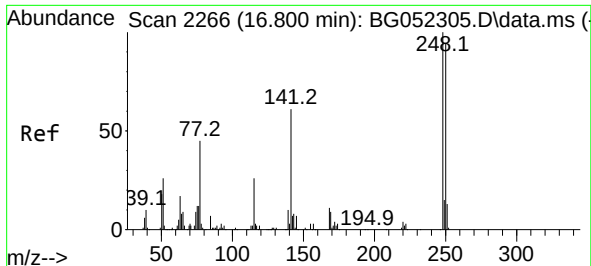
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 56.0 84.0#
154 0.0 50.2 75.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

Tgt Ion:188 Resp: 163401
Ion Ratio Lower Upper
188 100
94 6.7 5.9 8.9
80 8.9 6.6 10.0

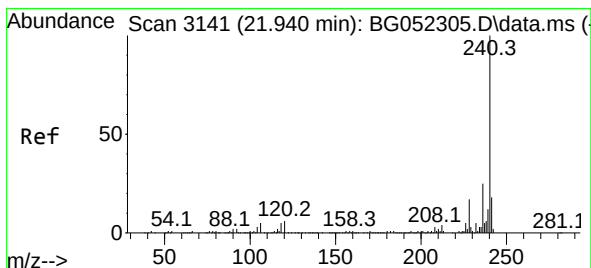
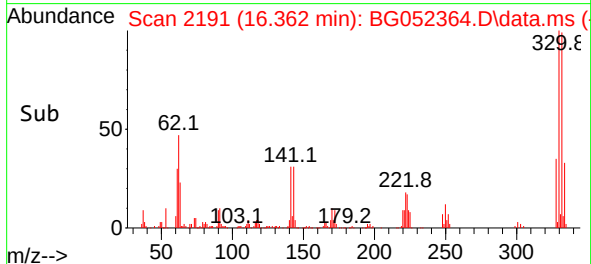
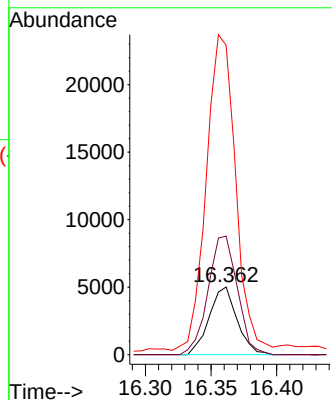
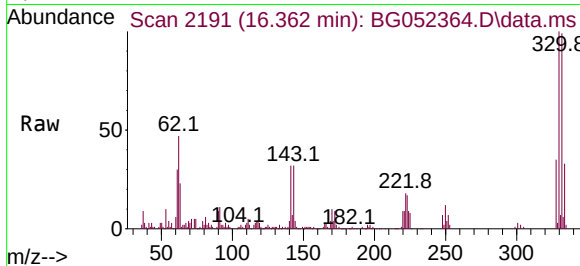




#67
4-Bromophenyl-phenylether
Concen: 3.728 ng
RT: 16.362 min Scan# 2191
Delta R.T. -0.438 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

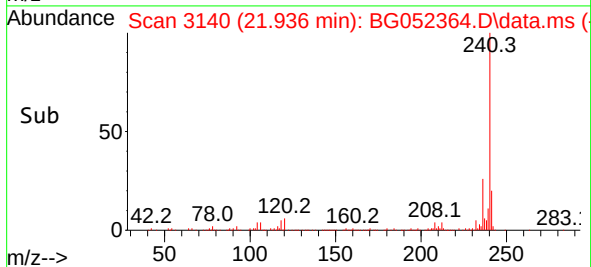
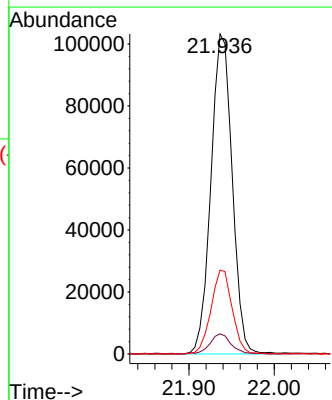
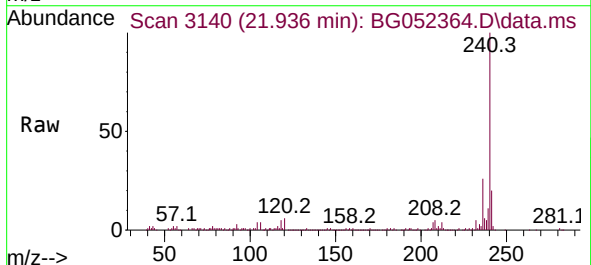
Instrument :
BNA_G
ClientSampleId :
POST-EX-04-0207

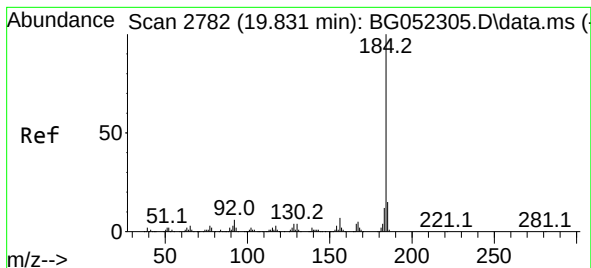
Tgt Ion:248 Resp: 7409
Ion Ratio Lower Upper
248 100
250 175.4 79.6 119.4#
141 457.8 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

Tgt Ion:240 Resp: 178358
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 26.2 20.8 31.2





#77

Benzidine

Concen: 2.584 ng

RT: 20.215 min Scan# 21

Delta R.T. 0.384 min

Lab File: BG052364.D

Acq: 10 Feb 2022 21:30

Instrument :

BNA_G

ClientSampleId :

POST-EX-04-0207

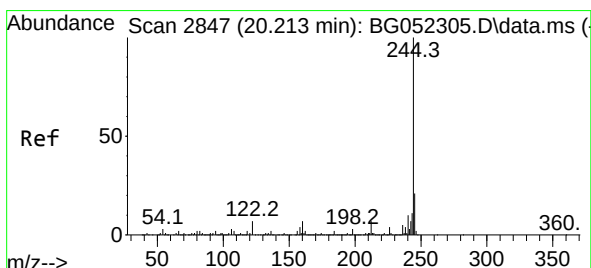
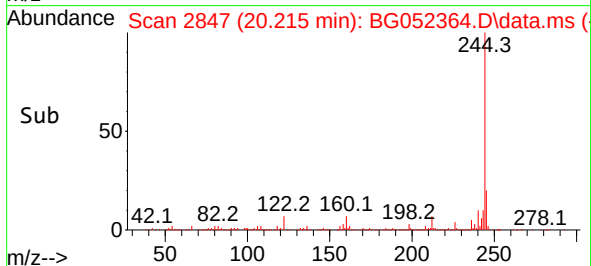
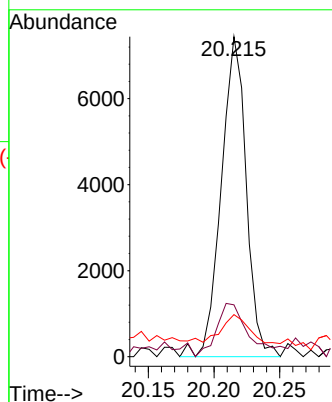
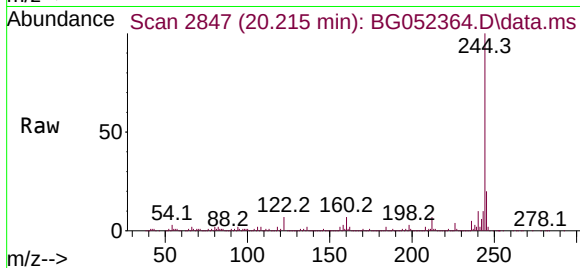
Tgt Ion:184 Resp: 9847

Ion Ratio Lower Upper

184 100

185 16.2 11.8 17.8

183 13.1 9.8 14.6



#79

Terphenyl-d14

Concen: 60.553 ng

RT: 20.215 min Scan# 2847

Delta R.T. 0.002 min

Lab File: BG052364.D

Acq: 10 Feb 2022 21:30

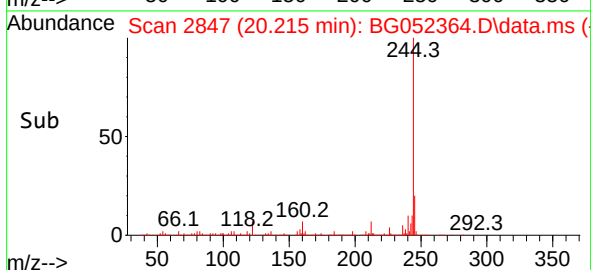
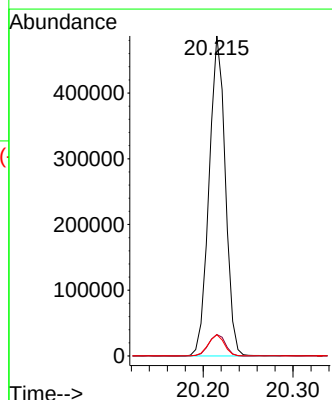
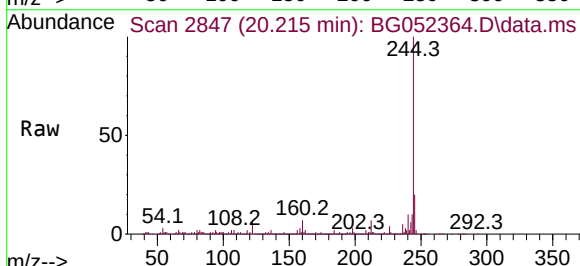
Tgt Ion:244 Resp: 611608

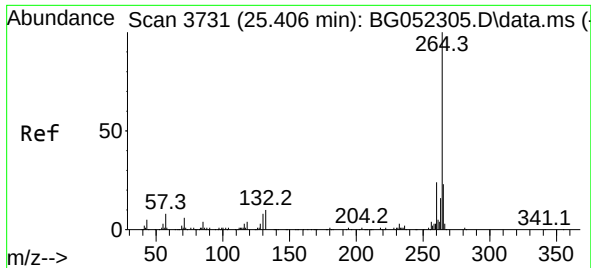
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

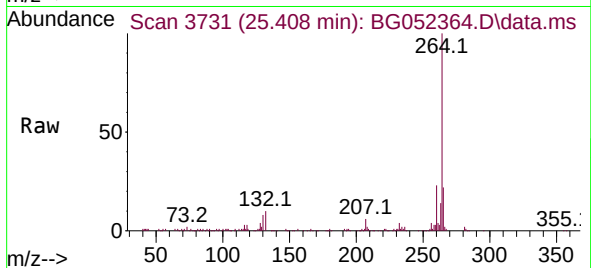
122 6.6 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.408 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG052364.D
Acq: 10 Feb 2022 21:30

Instrument :
BNA_G
ClientSampleId :
POST-EX-04-0207



Tgt Ion:264 Resp: 198628

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.7	17.8	26.6

