

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052315.D
 Acq On : 8 Feb 2022 12:29
 Operator : CG/JU
 Sample : N1401-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124042

Quant Time: Feb 08 13:07:54 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)

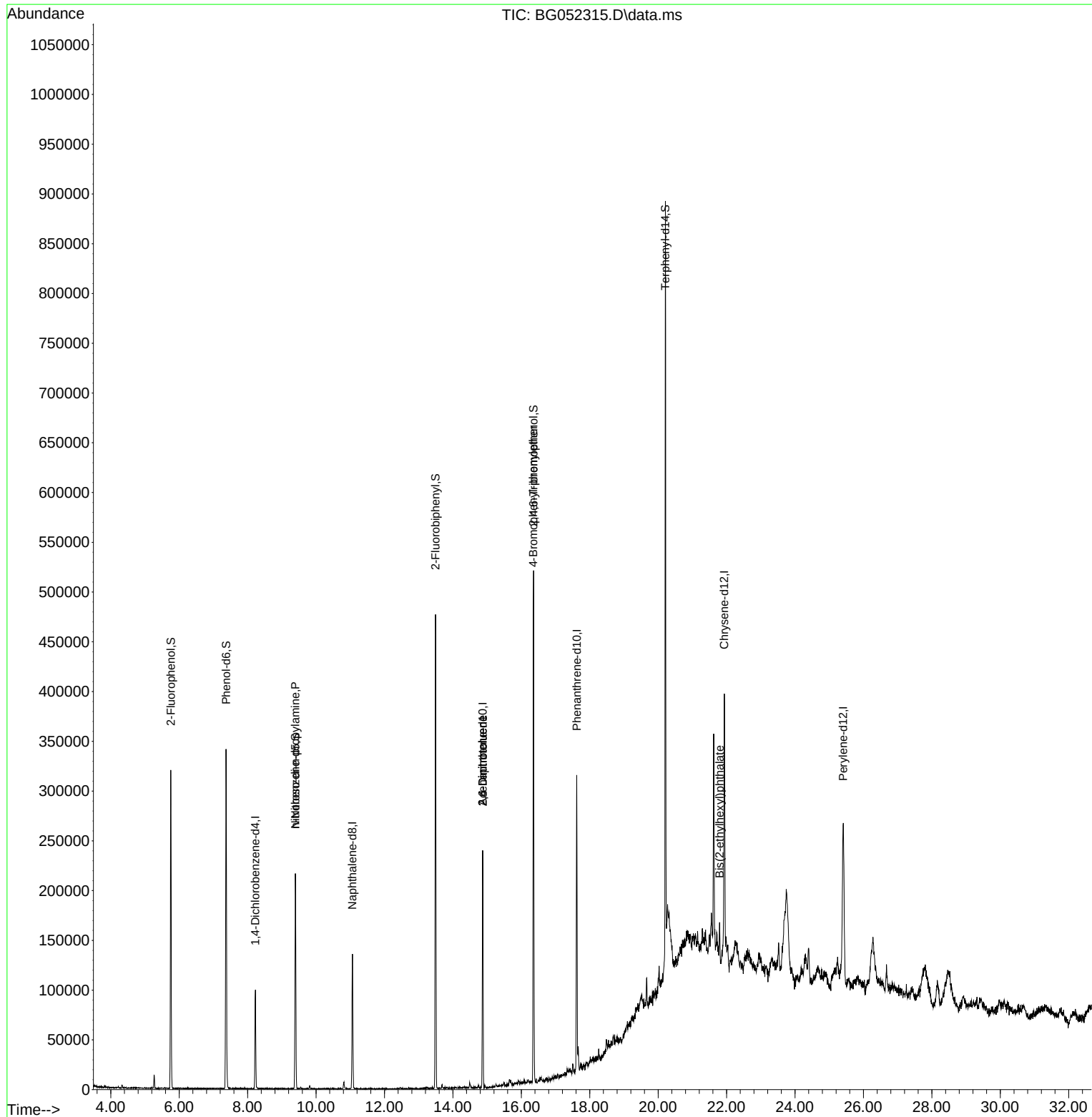
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	27196	20.000	ng	0.00
21) Naphthalene-d8	11.065	136	116571	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	82802	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	189879	20.000	ng	0.00
76) Chrysene-d12	21.933	240	171800	20.000	ng	0.00
86) Perylene-d12	25.405	264	182668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	132233	84.742	ng	0.00
7) Phenol-d6	7.370	99	189387	78.661	ng	0.00
23) Nitrobenzene-d5	9.397	82	133926	49.932	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	101652	85.452	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	259042	43.471	ng	0.00
79) Terphenyl-d14	20.212	244	357305	36.726	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.353	77	139	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.397	70	18929	10.429	ng	# 76
51) 2,6-Dinitrotoluene	14.872	165	10872	7.943	ng	# 16
57) 2,4-Dinitrotoluene	14.872	165	10872	5.581	ng	# 15
67) 4-Bromophenyl-phenylether	16.352	248	6404	2.773	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.798	149	14706	2.656	ng	# 90

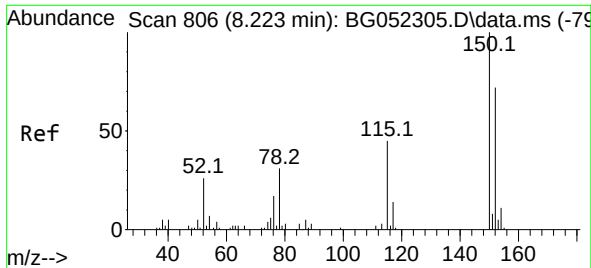
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
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Quant Time: Feb 08 13:07:54 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

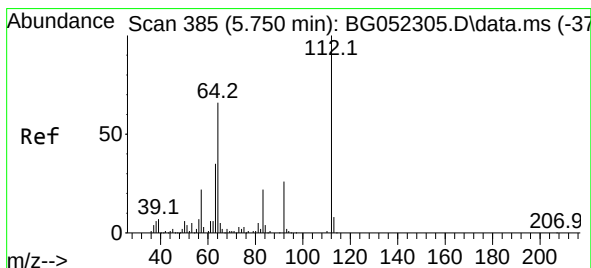
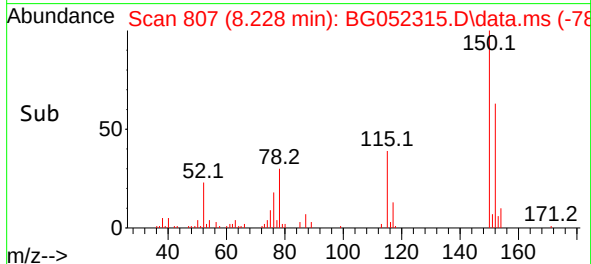
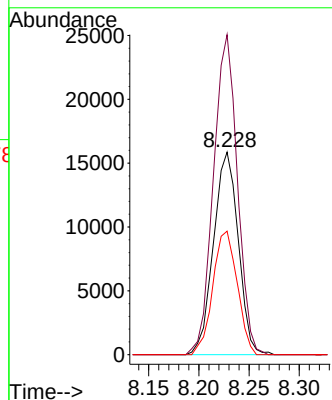
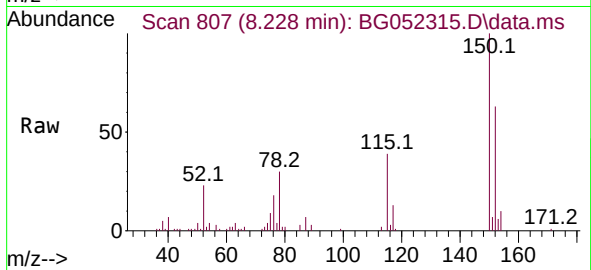




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 806
Delta R.T. 0.005 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

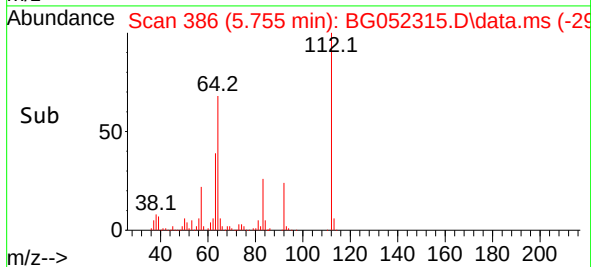
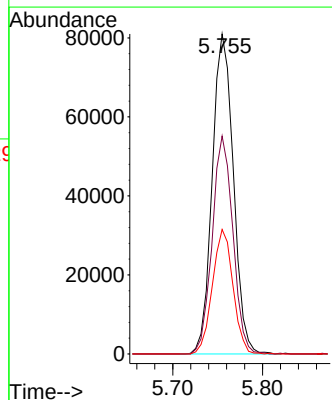
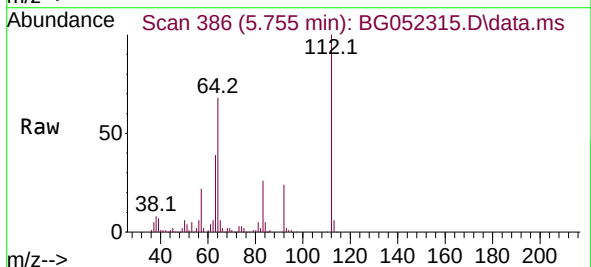
Instrument :
BNA_G
ClientSampleId :
PSC-124042

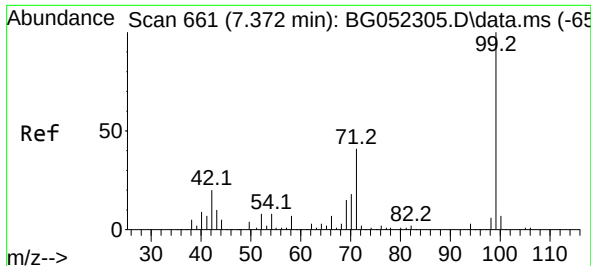
Tgt Ion:152 Resp: 27196
Ion Ratio Lower Upper
152 100
150 157.9 117.8 176.8
115 61.0 50.2 75.2



#5
2-Fluorophenol
Concen: 84.742 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

Tgt Ion:112 Resp: 132233
Ion Ratio Lower Upper
112 100
64 68.1 60.4 90.6
63 38.9 33.3 49.9

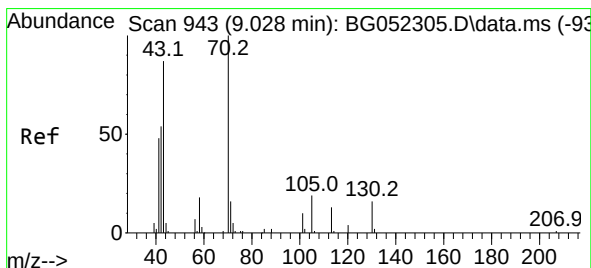
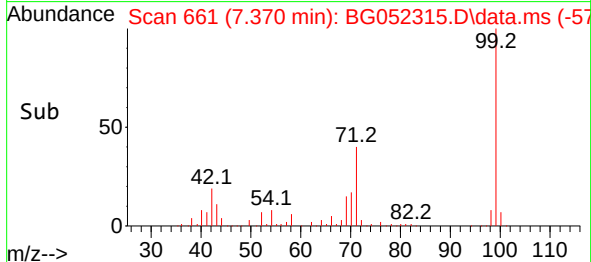
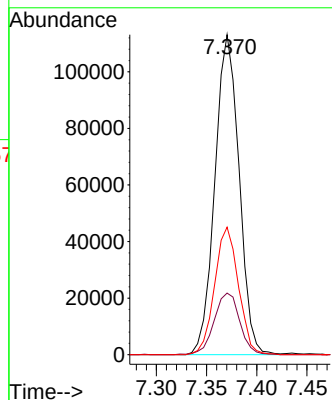
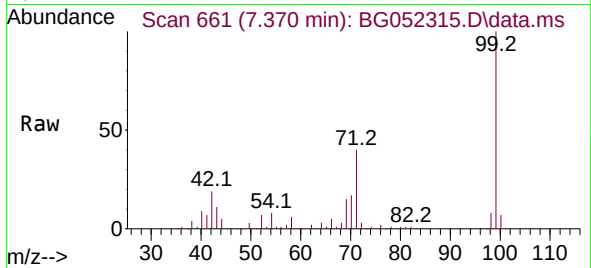




#7
Phenol-d6
Concen: 78.661 ng
RT: 7.370 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

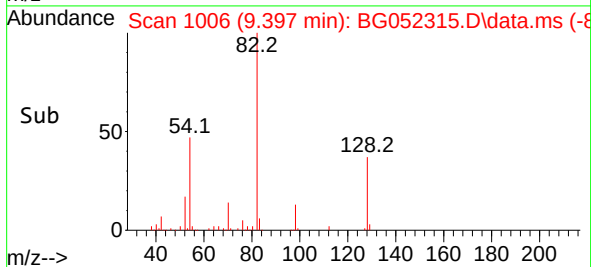
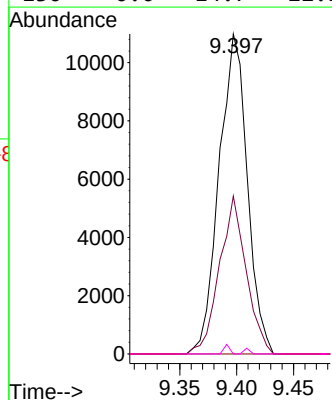
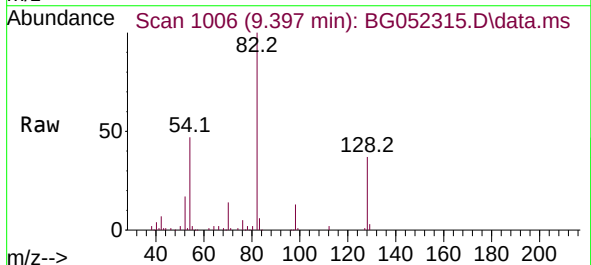
Instrument :
BNA_G
ClientSampleId :
PSC-124042

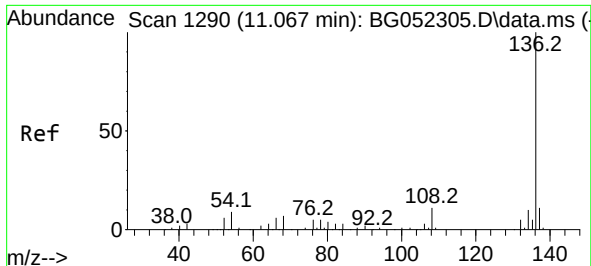
Tgt Ion: 99 Resp: 189387
Ion Ratio Lower Upper
99 100
42 19.3 19.1 28.7
71 39.9 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.429 ng
RT: 9.397 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

Tgt Ion: 70 Resp: 18929
Ion Ratio Lower Upper
70 100
42 49.4 51.8 77.6#
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#

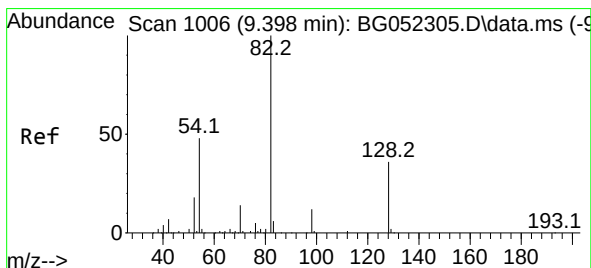
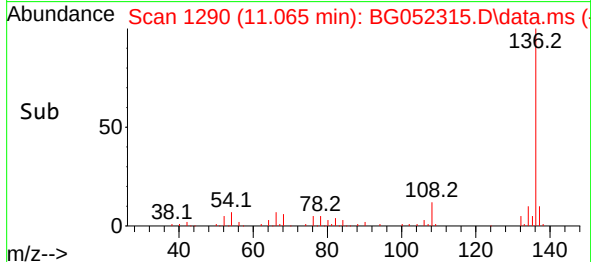
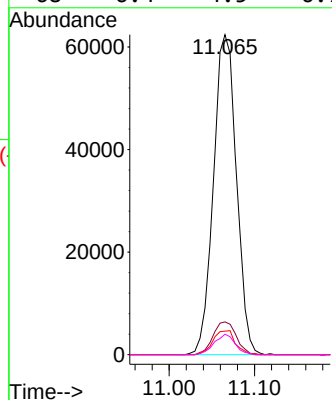
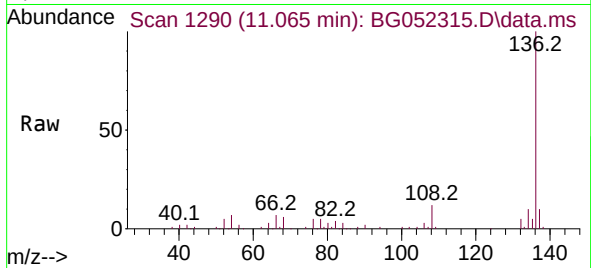




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.065 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

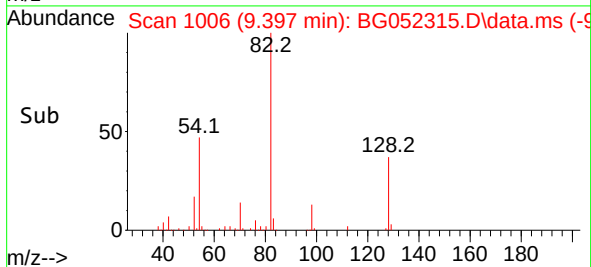
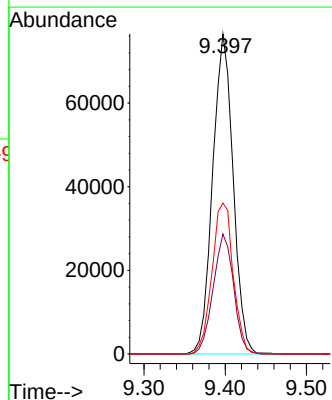
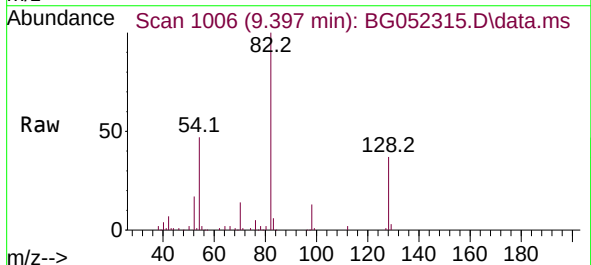
Instrument :
BNA_G
ClientSampleId :
PSC-124042

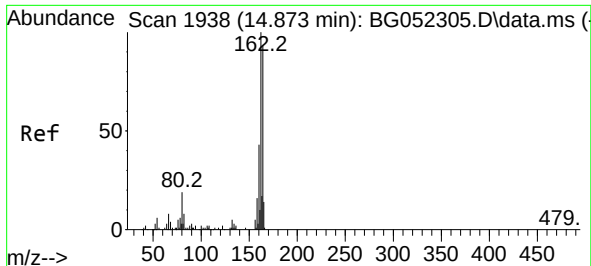
Tgt Ion:136 Resp: 116571
Ion Ratio Lower Upper
136 100
137 10.3 9.1 13.7
54 7.3 8.3 12.5#
68 6.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 49.932 ng
RT: 9.397 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

Tgt Ion: 82 Resp: 133926
Ion Ratio Lower Upper
82 100
128 37.4 27.0 40.4
54 47.2 41.0 61.6

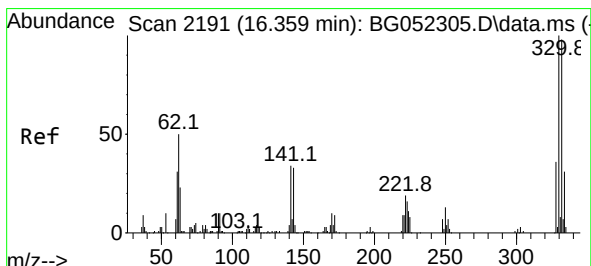
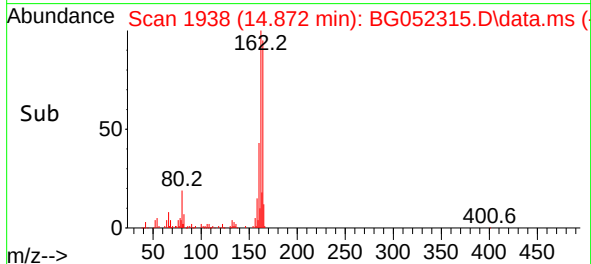
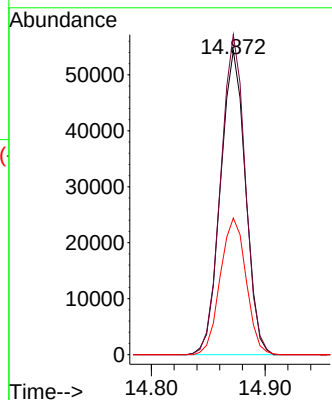
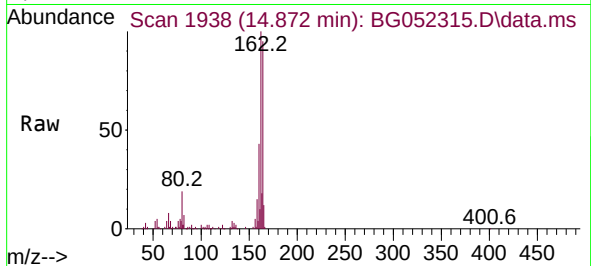




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.872 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

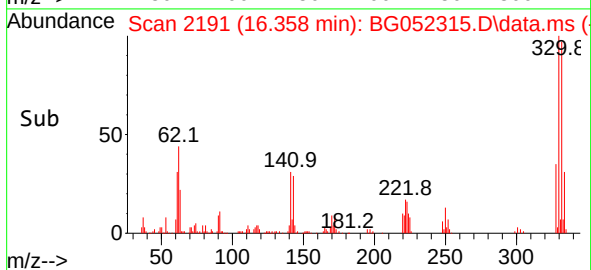
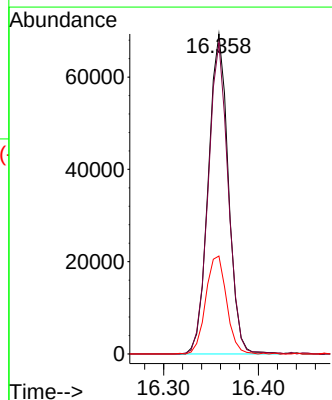
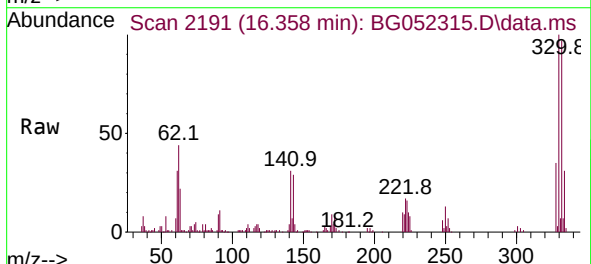
Instrument :
BNA_G
ClientSampleId :
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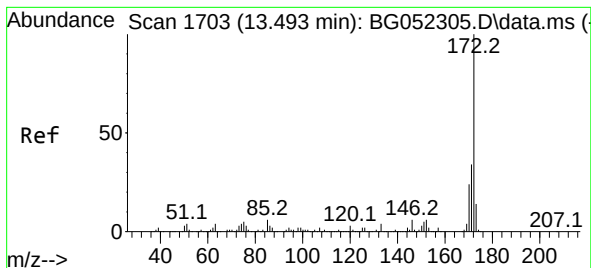
Tgt Ion:164 Resp: 82802
Ion Ratio Lower Upper
164 100
162 105.2 82.2 123.2
160 44.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 85.452 ng
RT: 16.358 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

Tgt Ion:330 Resp: 101652
Ion Ratio Lower Upper
330 100
332 96.9 78.6 117.8
141 31.8 28.8 43.2

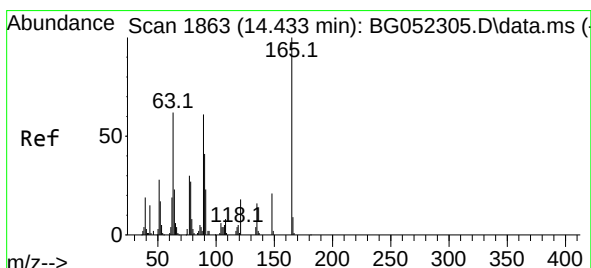
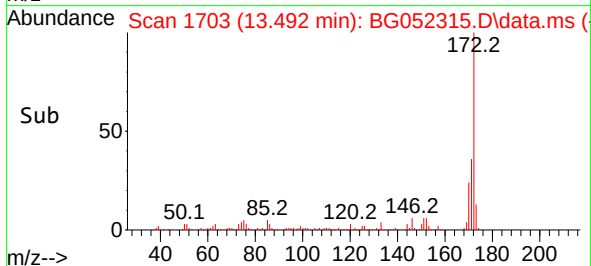
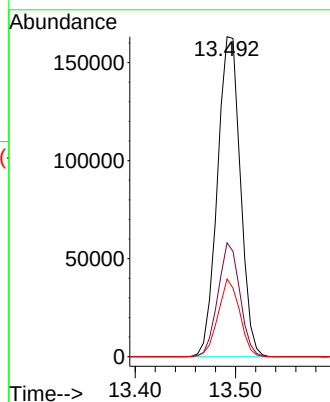
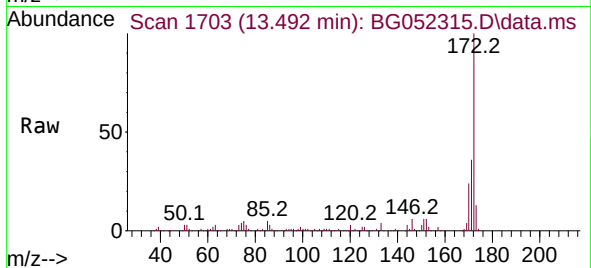




#45
2-Fluorobiphenyl
Concen: 43.471 ng
RT: 13.492 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

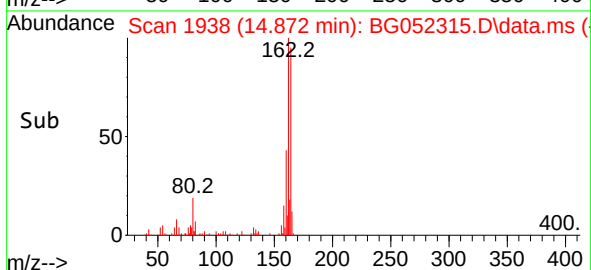
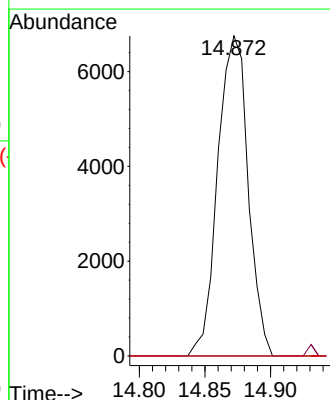
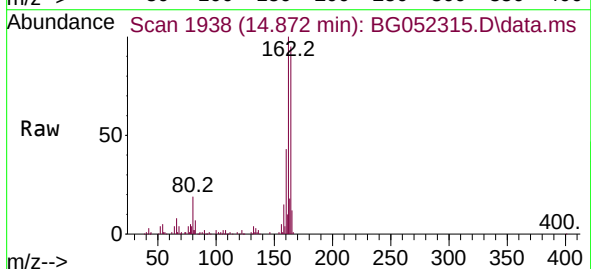
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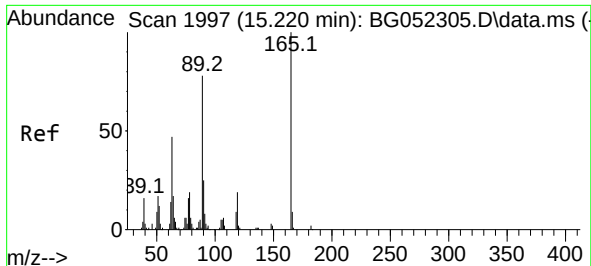
Tgt Ion:172 Resp: 259042
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 24.3 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 7.943 ng
RT: 14.872 min Scan# 1938
Delta R.T. 0.439 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

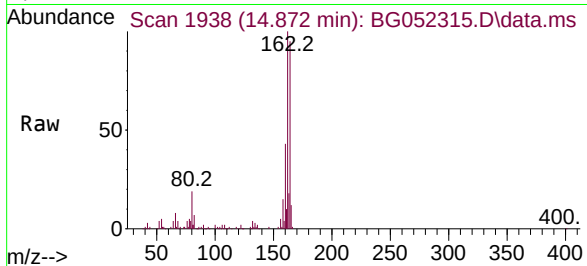
Tgt Ion:165 Resp: 10872
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



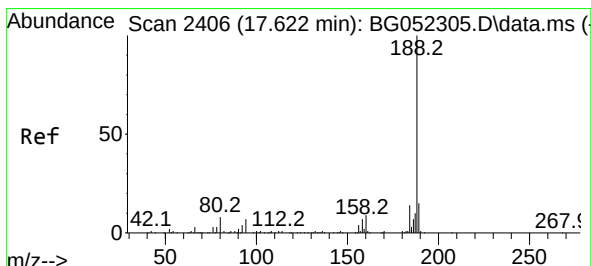
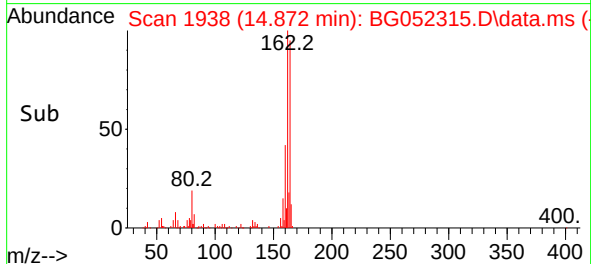
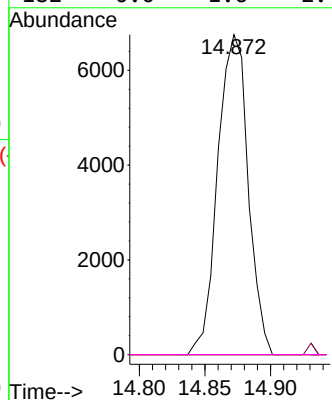


#57
2,4-Dinitrotoluene
Concen: 5.581 ng
RT: 14.872 min Scan# 1997
Delta R.T. -0.348 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PSC-124042

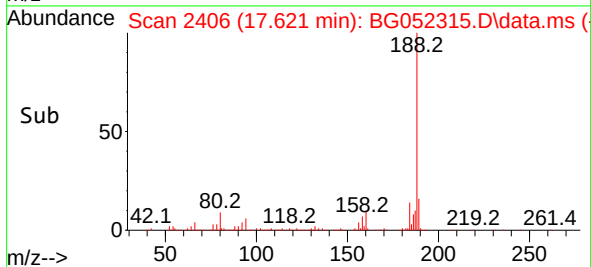
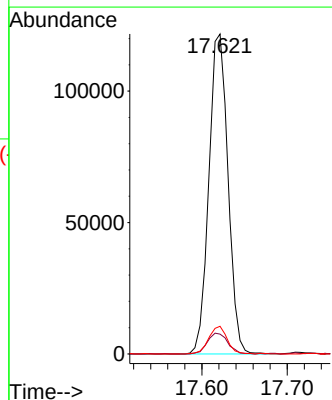
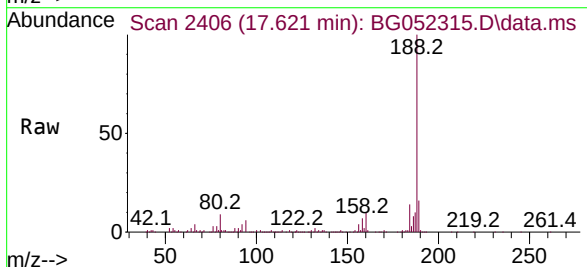


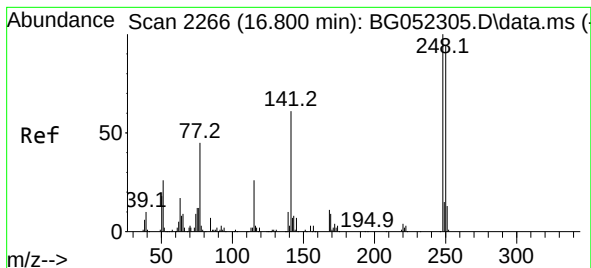
Tgt Ion:165 Resp: 10872
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

Tgt Ion:188 Resp: 189879
Ion Ratio Lower Upper
188 100
94 6.2 5.9 8.9
80 8.7 6.6 10.0

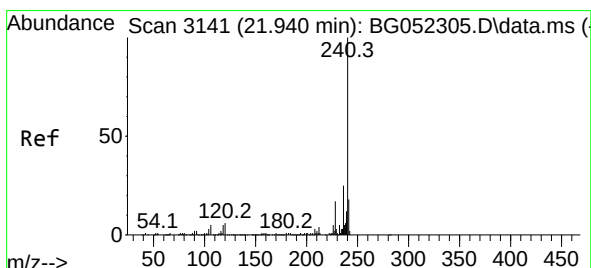
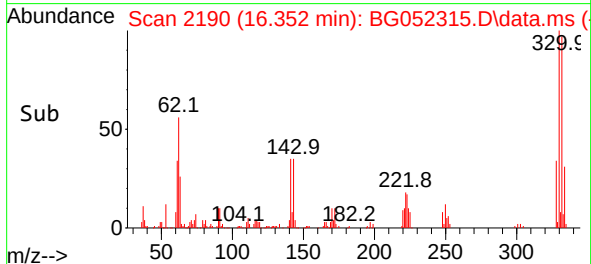
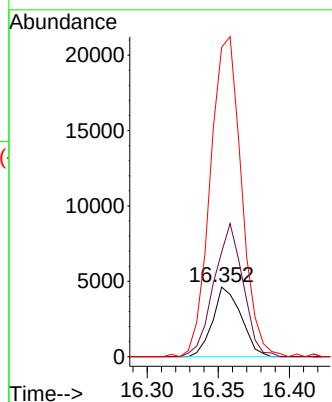
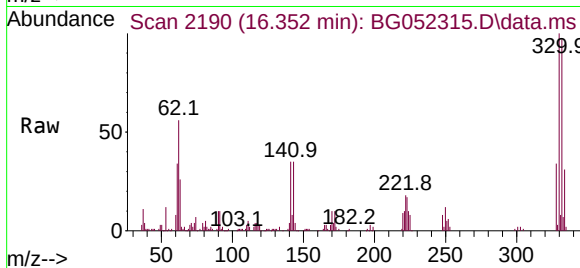




#67
4-Bromophenyl-phenylether
Concen: 2.773 ng
RT: 16.352 min Scan# 21190
Delta R.T. -0.448 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

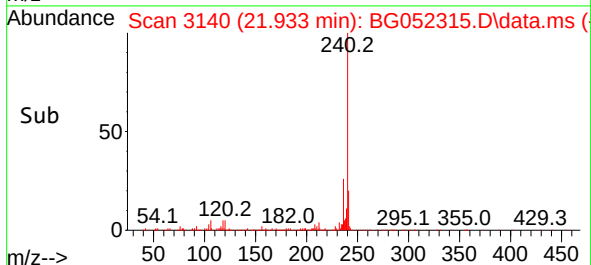
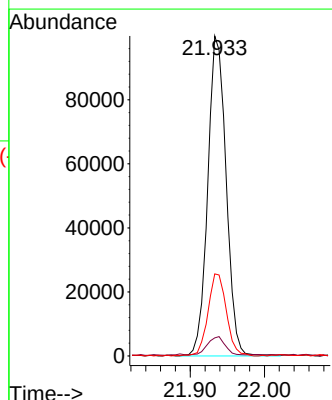
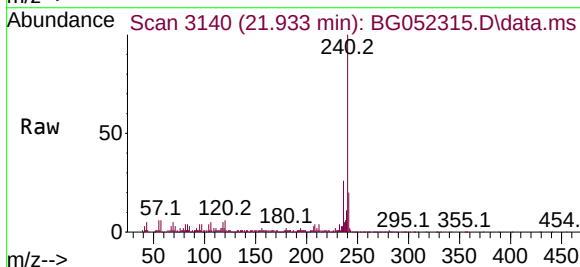
Instrument :
BNA_G
ClientSampleId :
PSC-124042

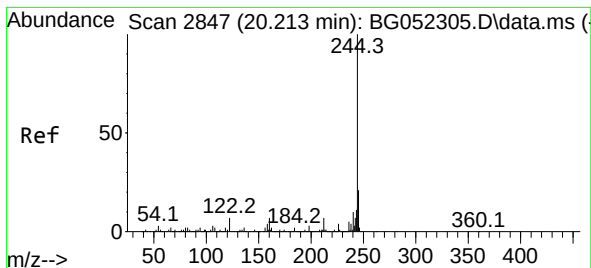
Tgt Ion:248 Resp: 6404
Ion Ratio Lower Upper
248 100
250 150.0 79.6 119.4#
141 444.4 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3140
Delta R.T. -0.007 min
Lab File: BG052315.D
Acq: 8 Feb 2022 12:29

Tgt Ion:240 Resp: 171800
Ion Ratio Lower Upper
240 100
120 5.7 4.4 6.6
236 25.7 20.8 31.2





#79

Terphenyl-d14

Concen: 36.726 ng

RT: 20.212 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG052315.D

Acq: 8 Feb 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PSC-124042

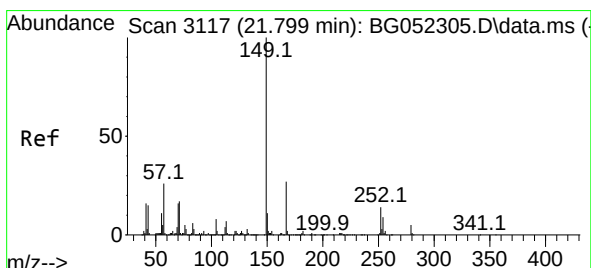
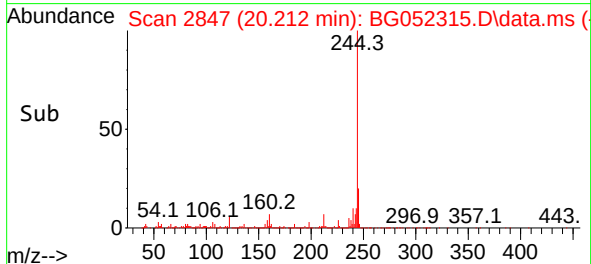
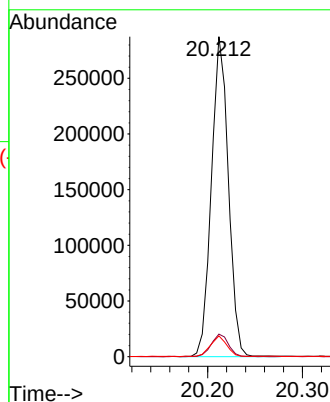
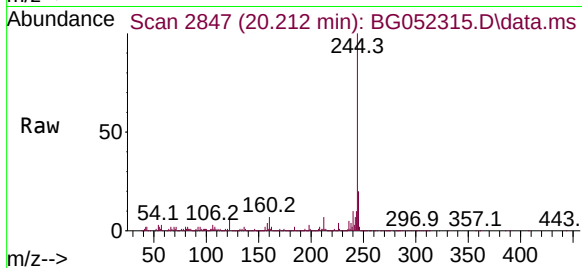
Tgt Ion:244 Resp: 357305

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 6.5 6.2 9.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.656 ng

RT: 21.798 min Scan# 3117

Delta R.T. -0.001 min

Lab File: BG052315.D

Acq: 8 Feb 2022 12:29

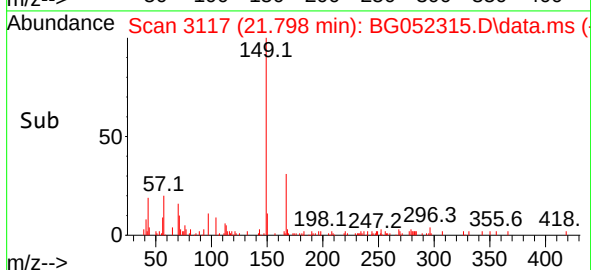
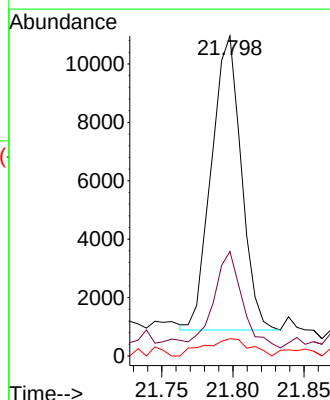
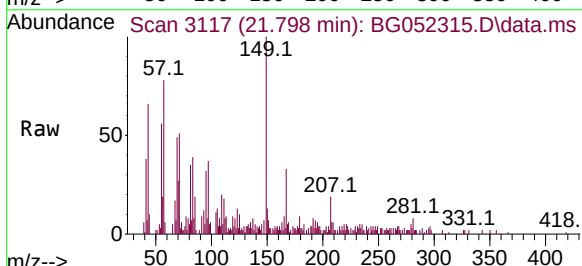
Tgt Ion:149 Resp: 14706

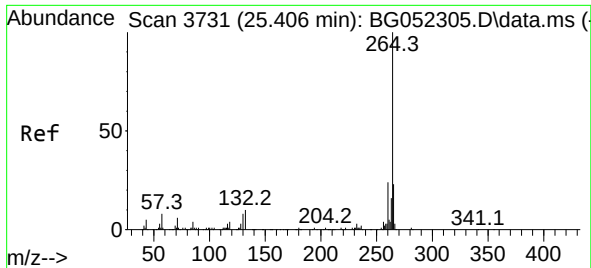
Ion Ratio Lower Upper

149 100

167 32.6 21.4 32.0#

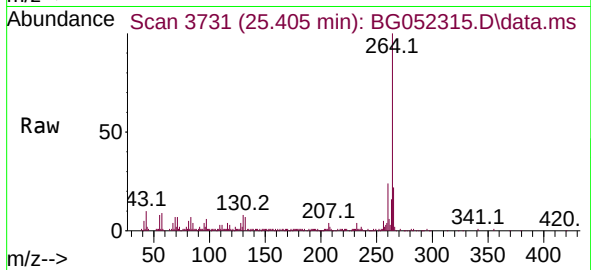
279 5.4 4.2 6.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.405 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG052315.D
 Acq: 8 Feb 2022 12:29

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124042



Tgt Ion:264 Resp: 182668

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.6	17.8	26.6

