

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052340.D
 Acq On : 9 Feb 2022 18:21
 Operator : CG/JU
 Sample : N1423-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-25

Quant Time: Feb 10 00:07:36 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)

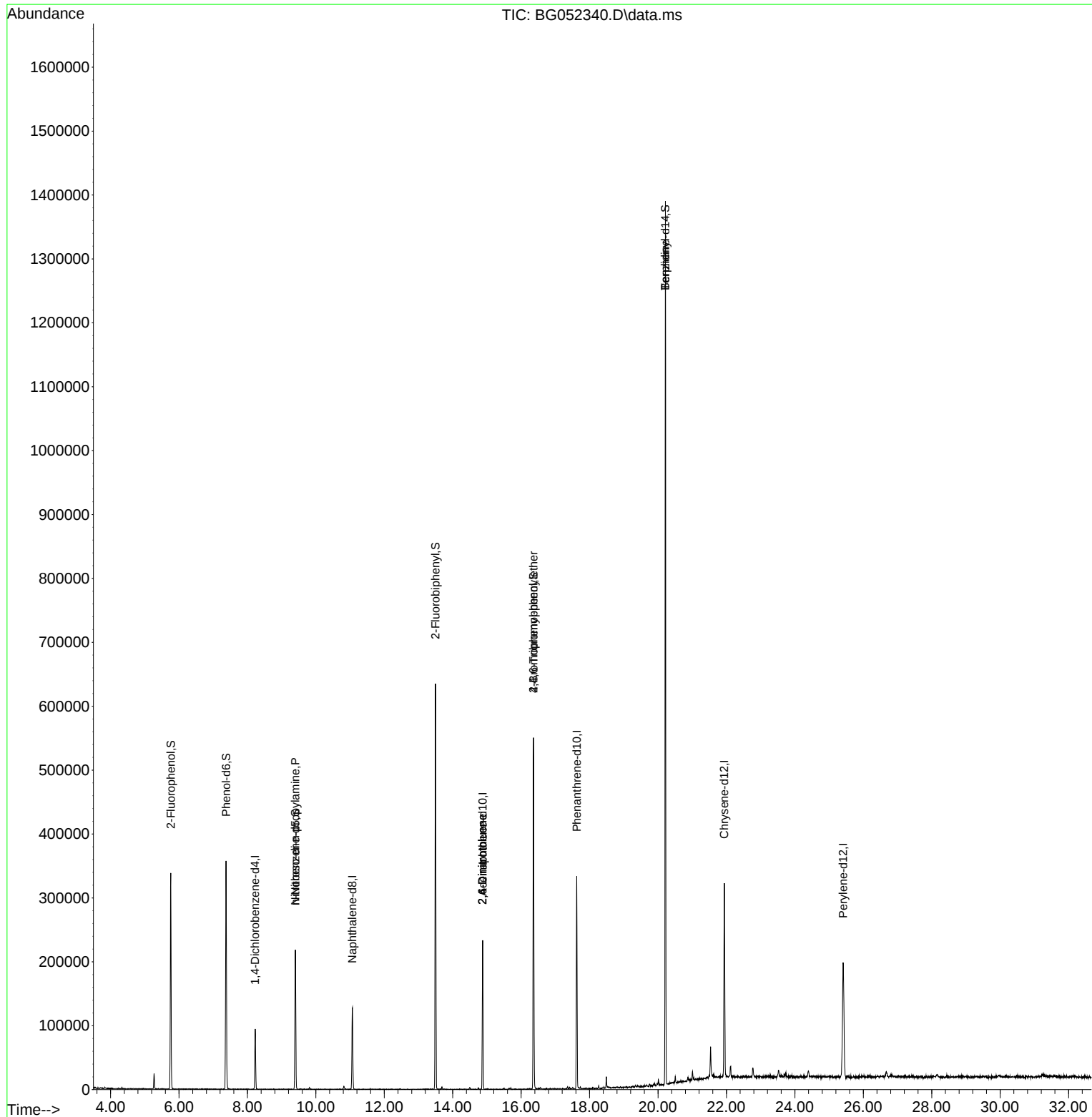
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	26480	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	114553	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	85162	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	211915	20.000	ng	0.00
76) Chrysene-d12	21.936	240	205616	20.000	ng	0.00
86) Perylene-d12	25.408	264	211246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	140197	92.275	ng	0.00
7) Phenol-d6	7.374	99	202740	86.484	ng	0.00
23) Nitrobenzene-d5	9.400	82	141209	53.574	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	112144	91.659	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	345044	56.299	ng	0.00
79) Terphenyl-d14	20.215	244	666740	57.261	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.368	77	432	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.400	70	20681	11.702 ng	#	76
51) 2,6-Dinitrotoluene	14.870	165	11297	8.025 ng	#	16
57) 2,4-Dinitrotoluene	14.870	165	11297	5.638 ng	#	15
67) 4-Bromophenyl-phenylether	16.362	248	7610	2.953 ng	#	1
77) Benzidine	20.215	184	9642	2.195 ng	#	95

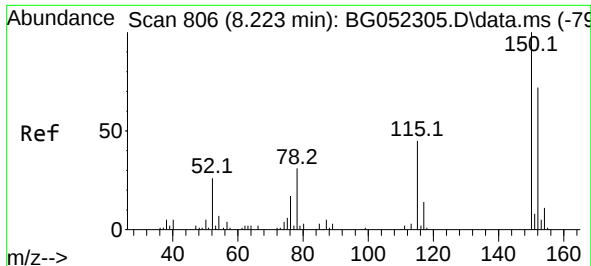
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_G
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Quant Time: Feb 10 00:07:36 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

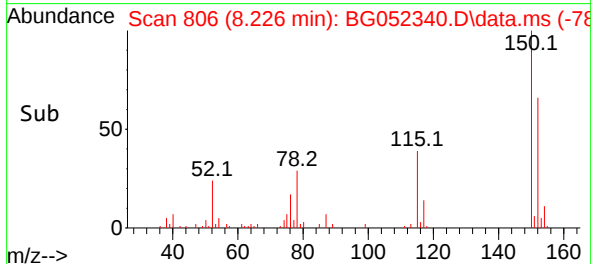
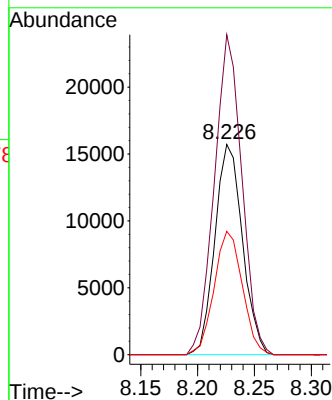
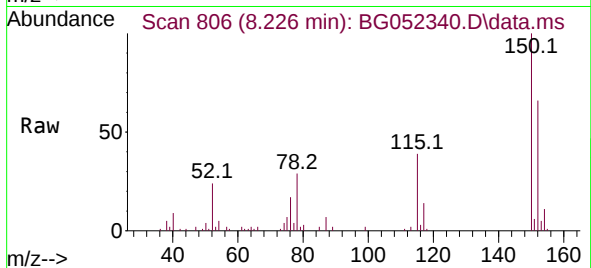




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

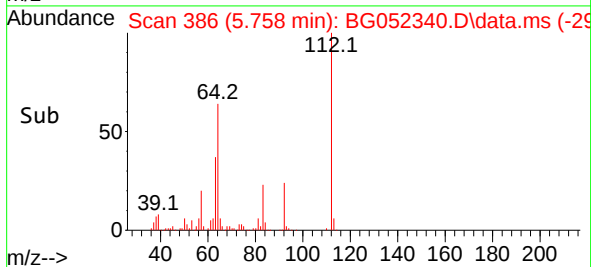
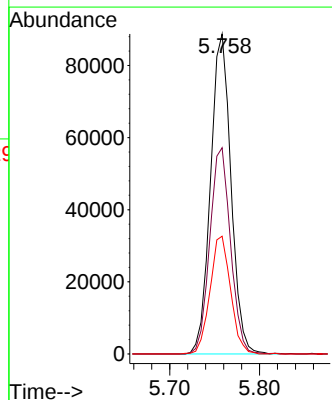
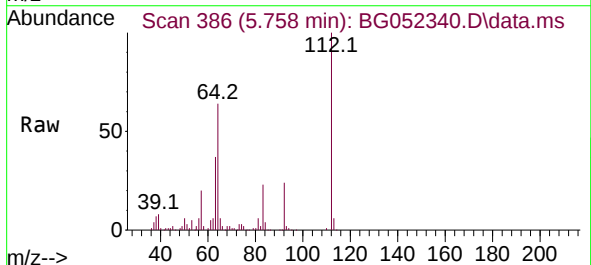
Instrument :
BNA_G
ClientSampleId :
TP-25

Tgt Ion:152 Resp: 26480
Ion Ratio Lower Upper
152 100
150 152.2 117.8 176.8
115 58.7 50.2 75.2



#5
2-Fluorophenol
Concen: 92.275 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

Tgt Ion:112 Resp: 140197
Ion Ratio Lower Upper
112 100
64 64.5 60.4 90.6
63 36.8 33.3 49.9

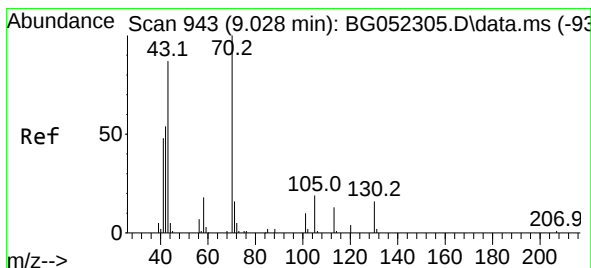
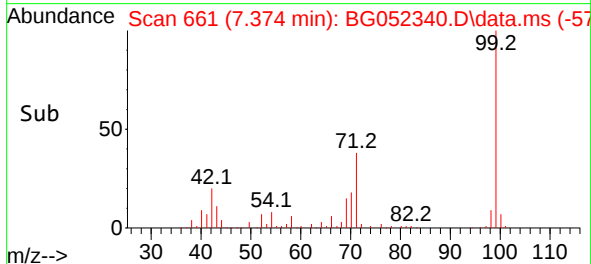
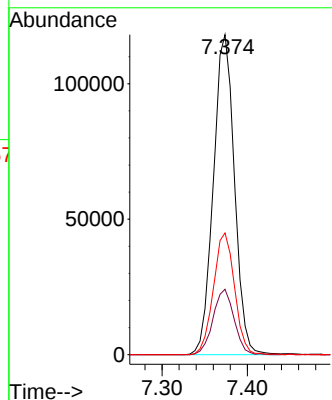
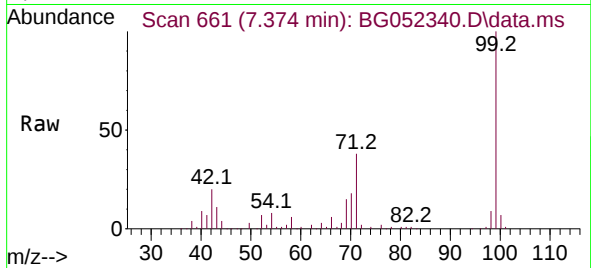




#7
Phenol-d6
Concen: 86.484 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

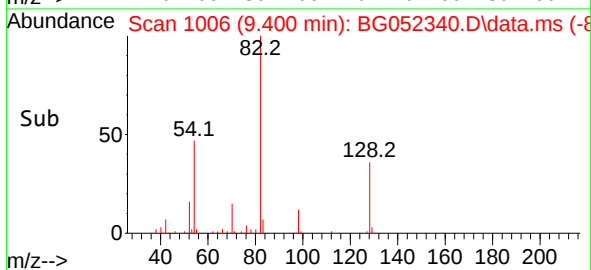
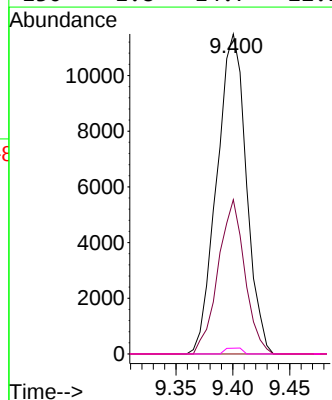
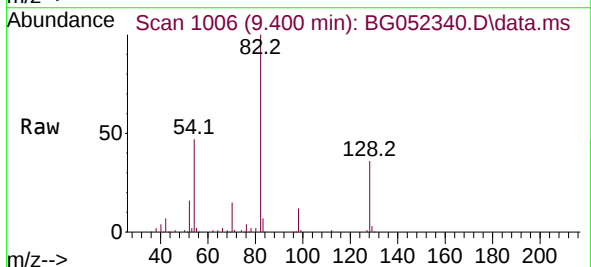
Instrument :
BNA_G
ClientSampleId :
TP-25

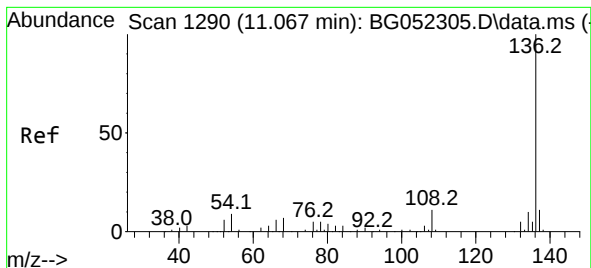
Tgt Ion: 99 Resp: 202740
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 38.0 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.702 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.372 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

Tgt Ion: 70 Resp: 20681
Ion Ratio Lower Upper
70 100
42 48.2 51.8 77.6#
101 0.0 6.6 10.0#
130 1.8 14.7 22.1#

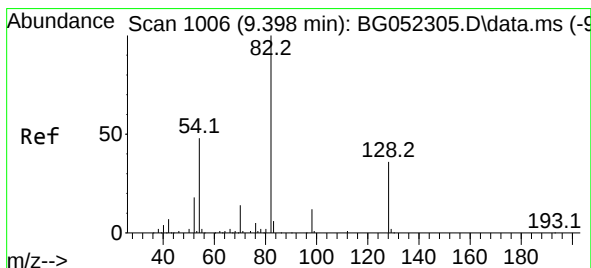
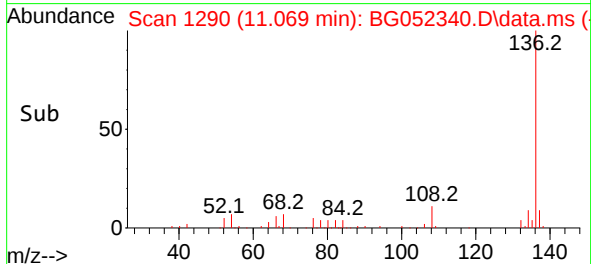
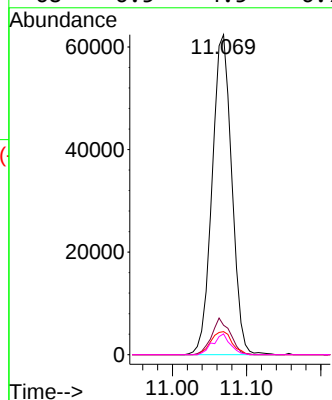
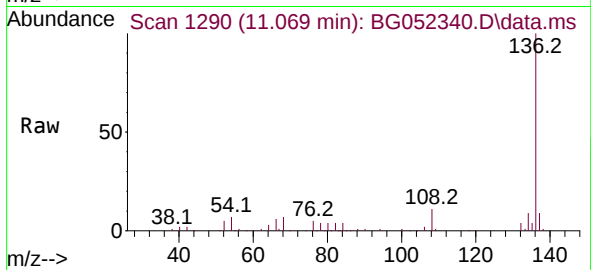




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

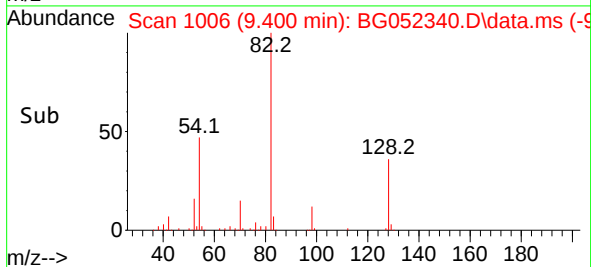
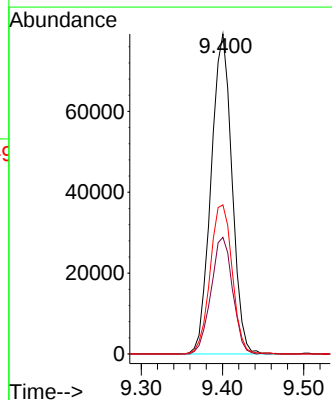
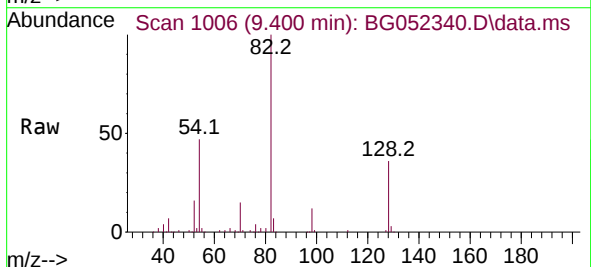
Instrument :
BNA_G
ClientSampleId :
TP-25

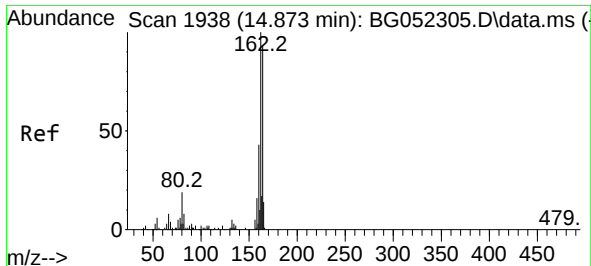
Tgt Ion:	136	Resp:	114553
Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.1	13.7
54	7.2	8.3	12.5#
68	6.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 53.574 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.002 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

Tgt Ion:	82	Resp:	141209
Ion	Ratio	Lower	Upper
82	100		
128	36.5	27.0	40.4
54	46.6	41.0	61.6

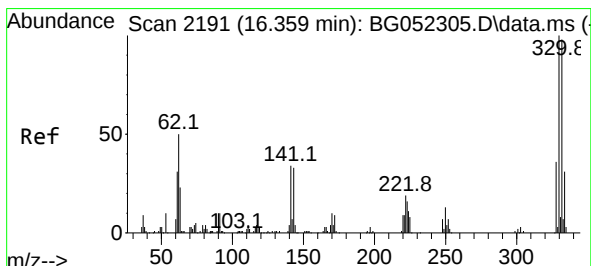
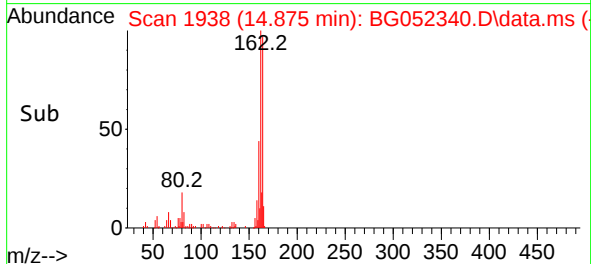
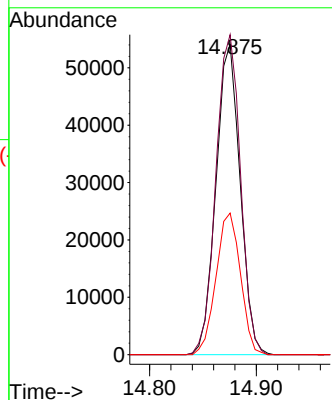
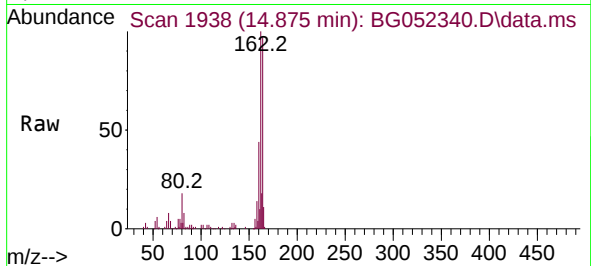




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.002 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

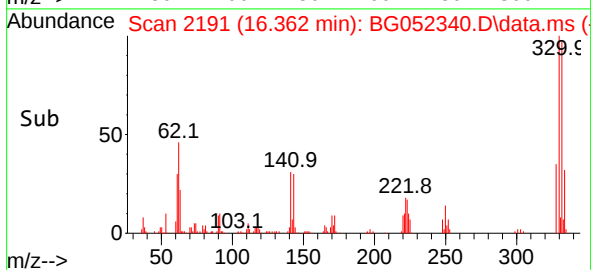
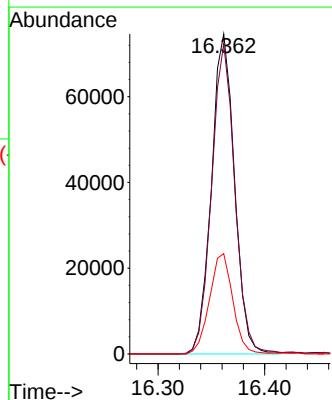
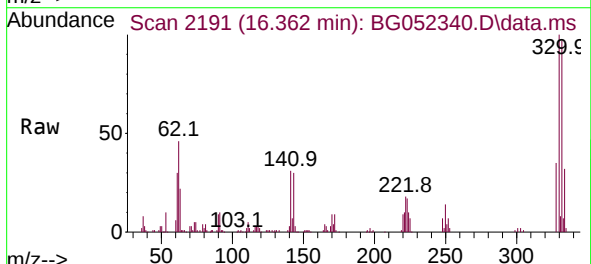
Instrument :
BNA_G
ClientSampleId :
TP-25

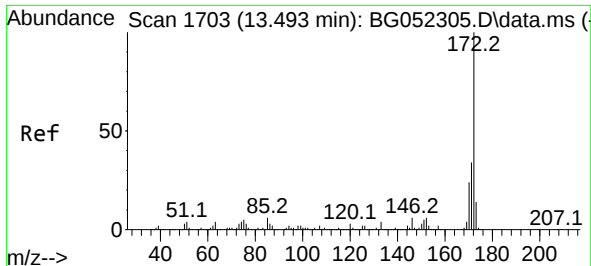
Tgt Ion:164 Resp: 85162
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 91.659 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

Tgt Ion:330 Resp: 112144
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 31.9 28.8 43.2

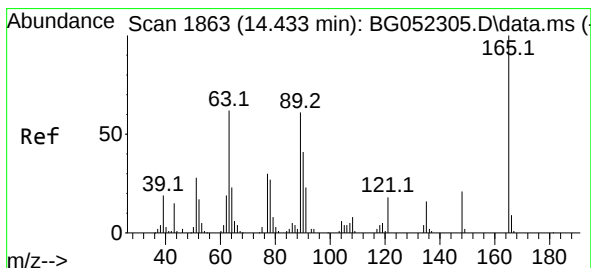
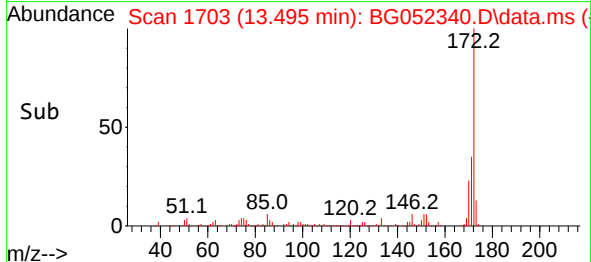
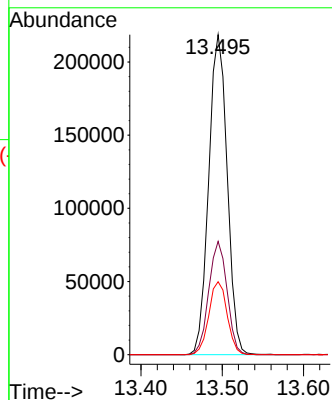
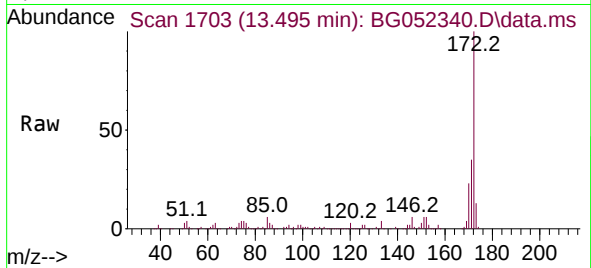




#45
2-Fluorobiphenyl
Concen: 56.299 ng
RT: 13.495 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

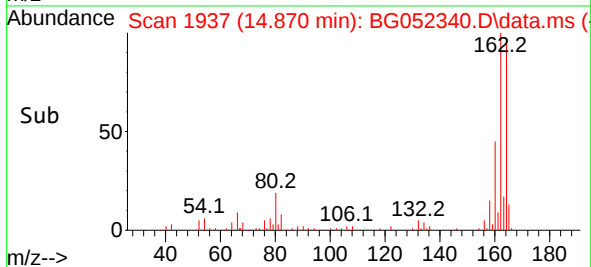
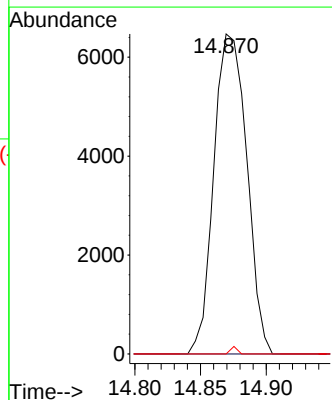
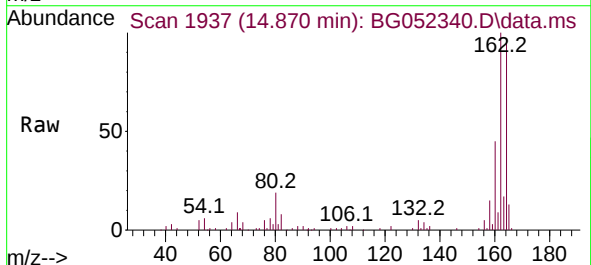
Instrument :
BNA_G
ClientSampleId :
TP-25

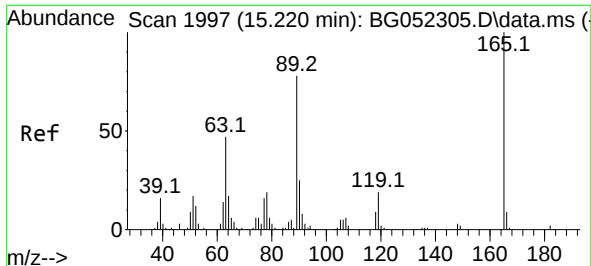
Tgt Ion:172 Resp: 345044
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.8 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 14.870 min Scan# 1937
Delta R.T. 0.437 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

Tgt Ion:165 Resp: 11297
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: 5.638 ng

RT: 14.870 min Scan# 1997

Delta R.T. -0.350 min

Lab File: BG052340.D

Acq: 9 Feb 2022 18:21

Instrument :

BNA_G

ClientSampleId :

TP-25

Tgt Ion:165 Resp: 11297

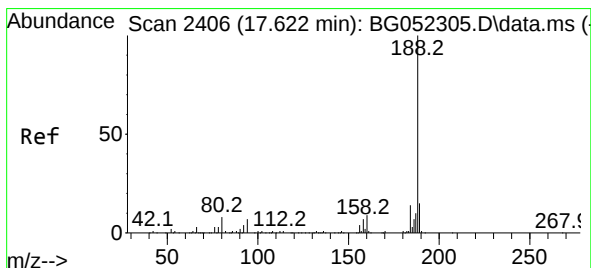
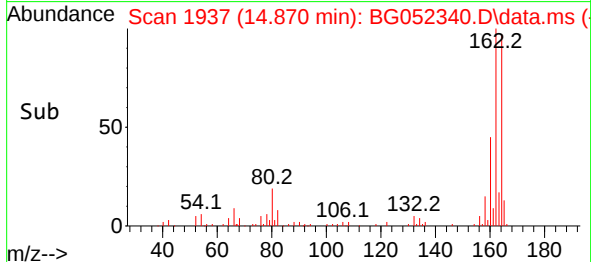
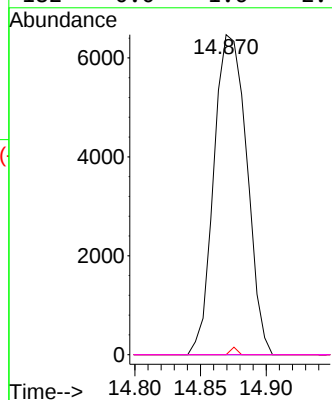
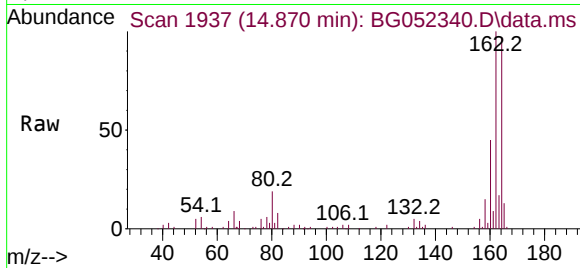
Ion Ratio Lower Upper

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: 17.625 min Scan# 2406

Delta R.T. 0.002 min

Lab File: BG052340.D

Acq: 9 Feb 2022 18:21

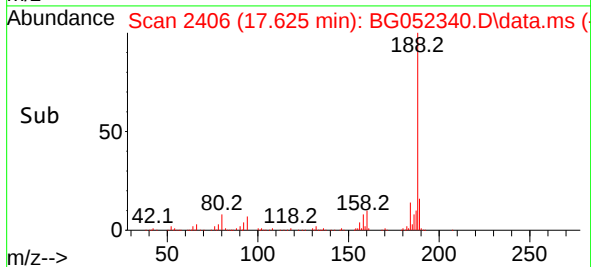
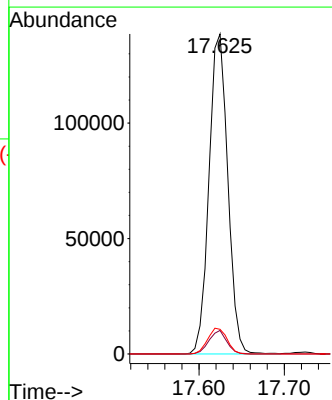
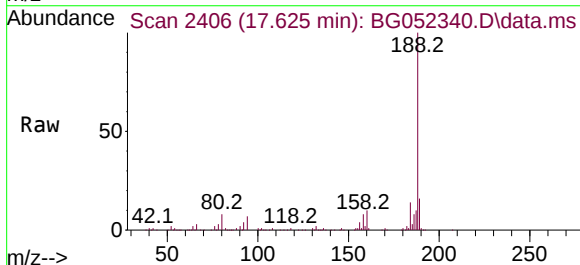
Tgt Ion:188 Resp: 211915

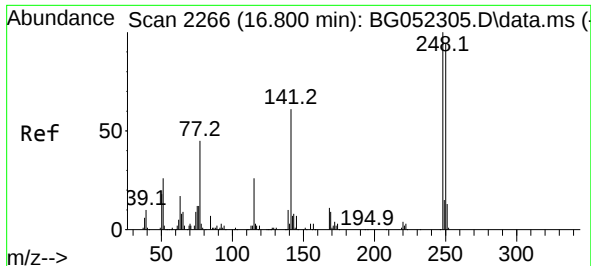
Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

80 7.7 6.6 10.0

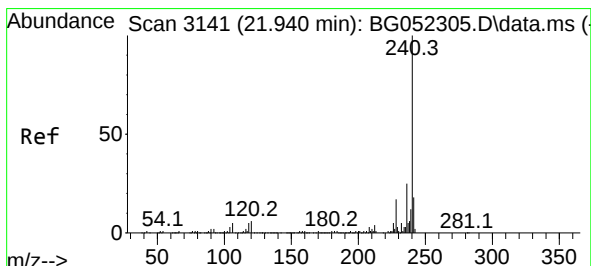
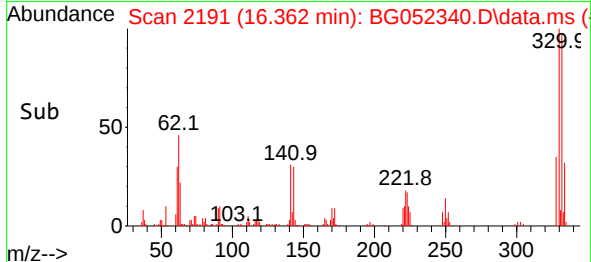
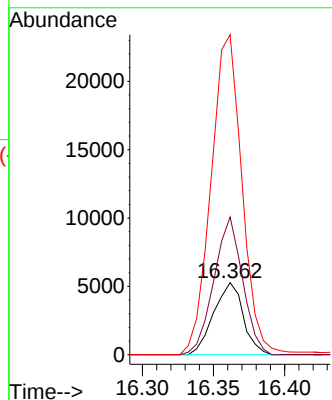
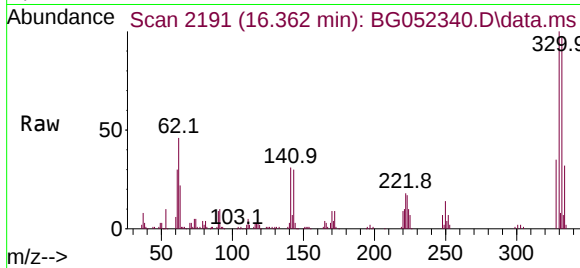




#67
4-Bromophenyl-phenylether
Concen: 2.953 ng
RT: 16.362 min Scan# 211
Delta R.T. -0.438 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

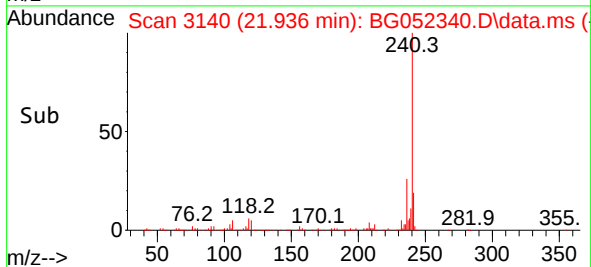
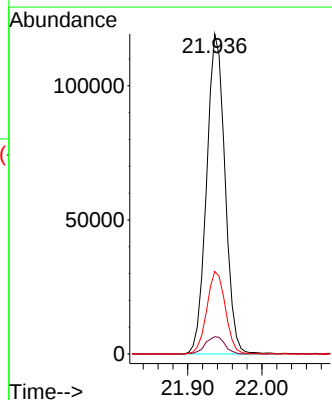
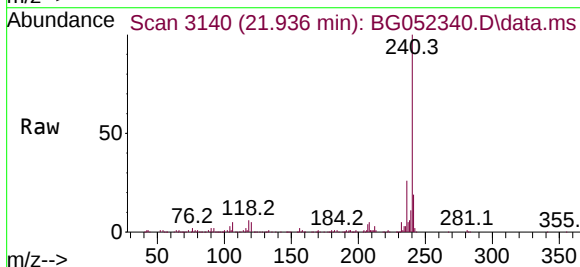
Instrument :
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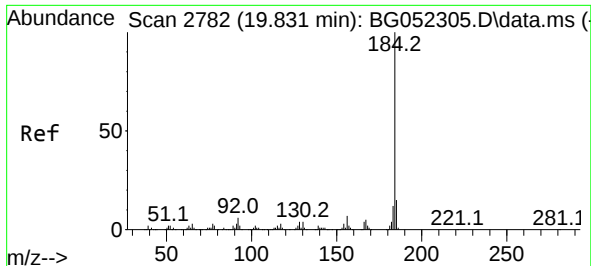
Tgt Ion:248 Resp: 7610
Ion Ratio Lower Upper
248 100
250 191.4 79.6 119.4#
141 444.3 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

Tgt Ion:240 Resp: 205616
Ion Ratio Lower Upper
240 100
120 5.4 4.4 6.6
236 25.8 20.8 31.2

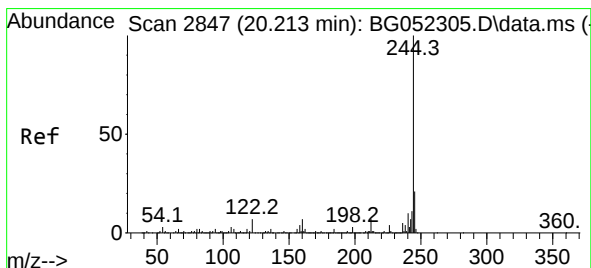
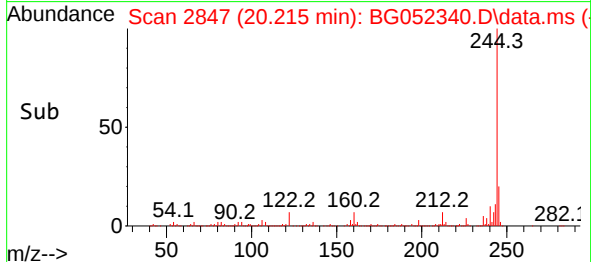
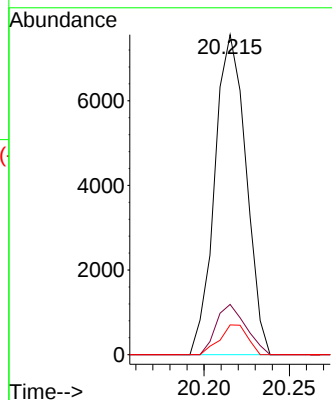
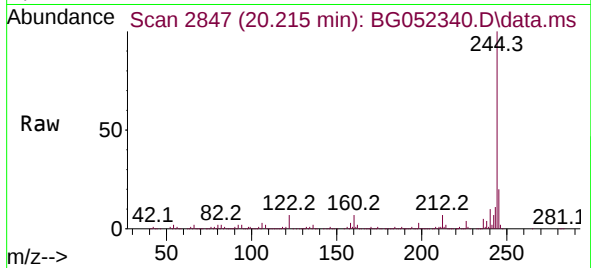




#77
Benzidine
Concen: 2.195 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.384 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

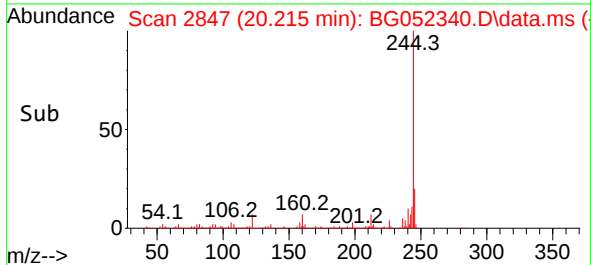
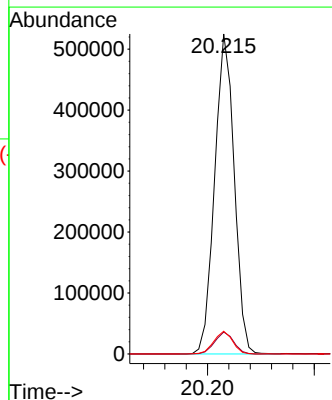
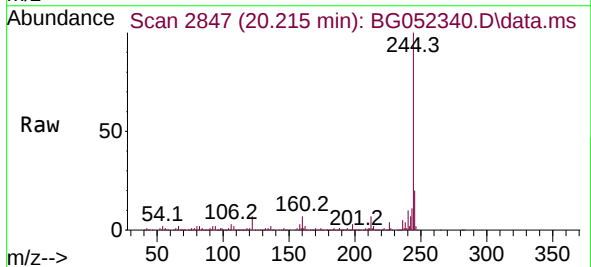
Instrument :
BNA_G
ClientSampleId :
TP-25

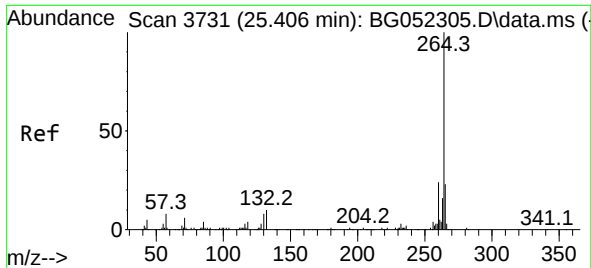
Tgt Ion:184 Resp: 9642
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.8
183 9.3 9.8 14.6#



#79
Terphenyl-d14
Concen: 57.261 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.002 min
Lab File: BG052340.D
Acq: 9 Feb 2022 18:21

Tgt Ion:244 Resp: 666740
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 7.1 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: BG052340.D

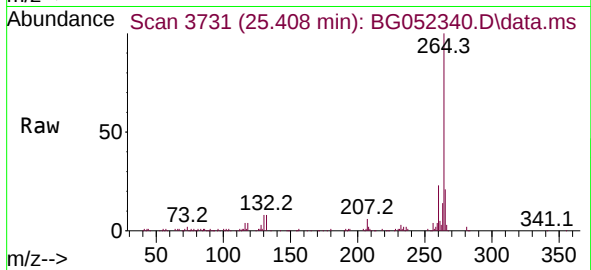
Acq: 9 Feb 2022 18:21

Instrument :

BNA_G

ClientSampleId :

TP-25



Tgt Ion:264 Resp: 211246

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.0 17.8 26.6

