

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052431.D
 Acq On : 21 Feb 2022 10:50
 Operator : CG/JU
 Sample : PB142724TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142724TB

Quant Time: Feb 21 13:56:58 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)

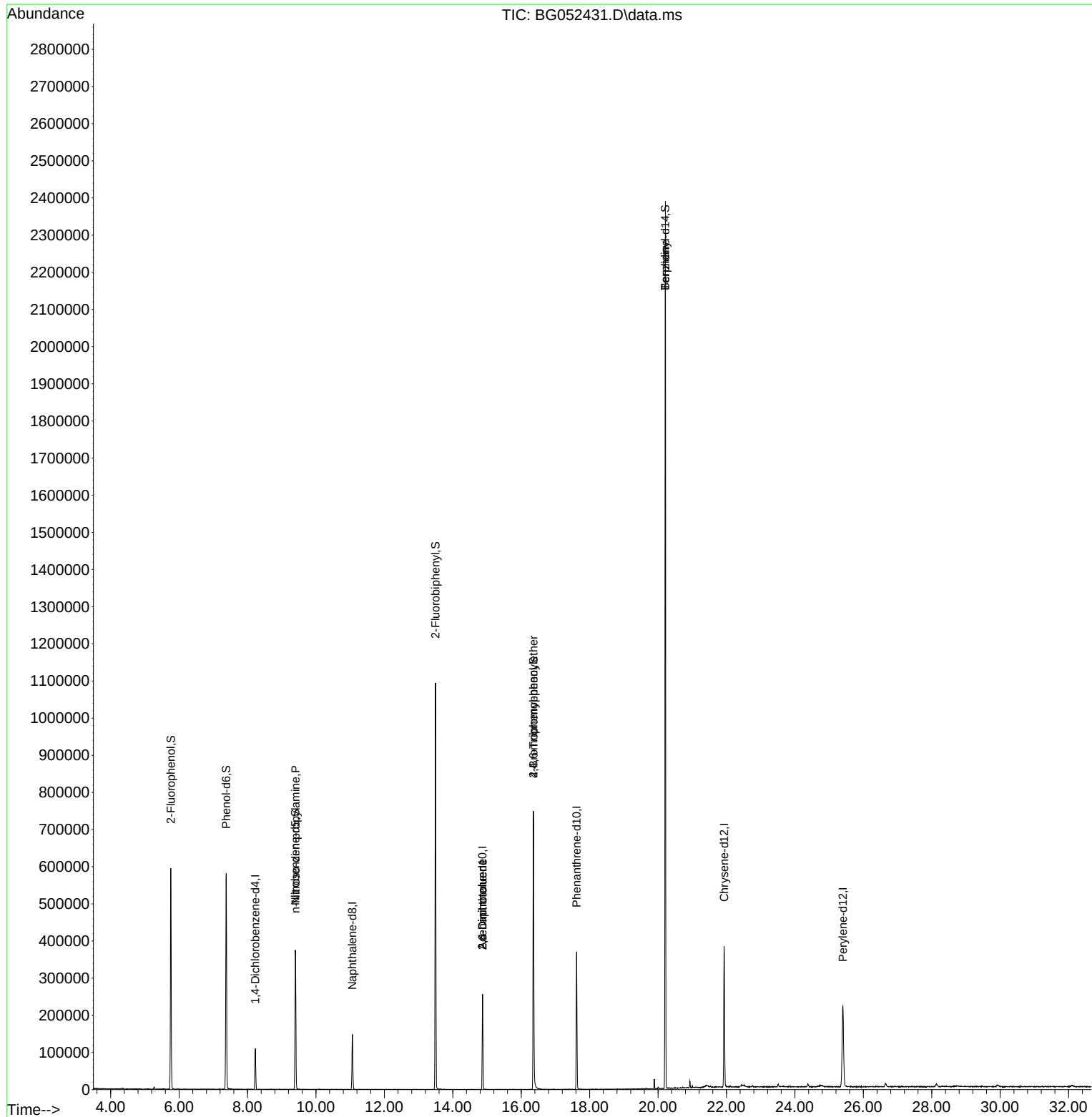
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	32159	20.000	ng	0.00
21) Naphthalene-d8	11.068	136	129359	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	94678	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	239711	20.000	ng	0.00
76) Chrysene-d12	21.930	240	257332	20.000	ng	-0.01
86) Perylene-d12	25.402	264	250671	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	252643	136.920	ng	0.00
7) Phenol-d6	7.379	99	343300	120.582	ng	0.00
23) Nitrobenzene-d5	9.400	82	238739	80.210	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	168937	124.200	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	583585	85.649	ng	0.00
79) Terphenyl-d14	20.214	244	1177260	80.786	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.379	77	533	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.406	70	34005	15.843	ng	# 71
51) 2,6-Dinitrotoluene	14.869	165	12177	7.780	ng	# 16
57) 2,4-Dinitrotoluene	14.869	165	12177	5.466	ng	# 15
67) 4-Bromophenyl-phenylether	16.361	248	10747	3.687	ng	# 1
77) Benzidine	20.214	184	16234	2.952	ng	# 89

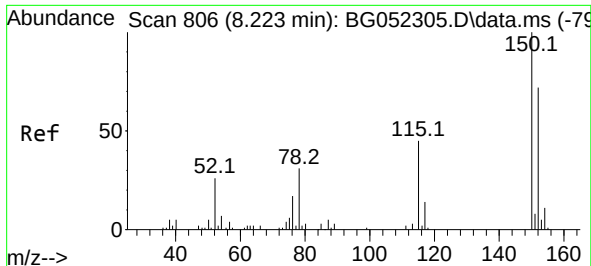
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
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Quant Time: Feb 21 13:56:58 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

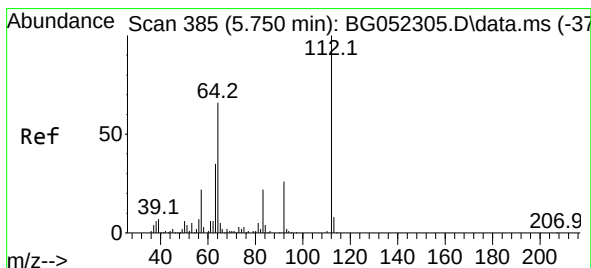
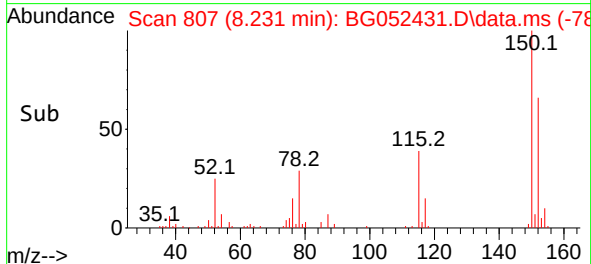
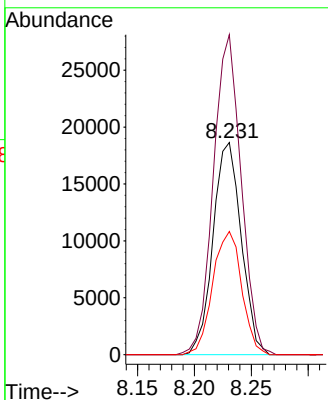
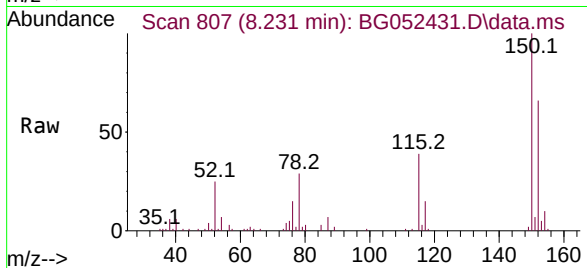




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.231 min Scan# 806
Delta R.T. 0.008 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

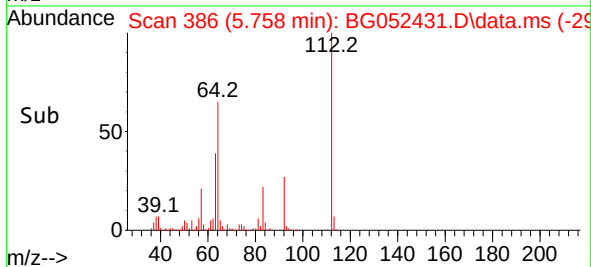
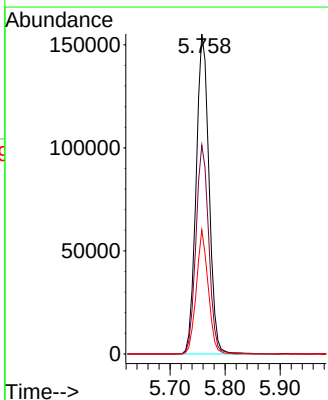
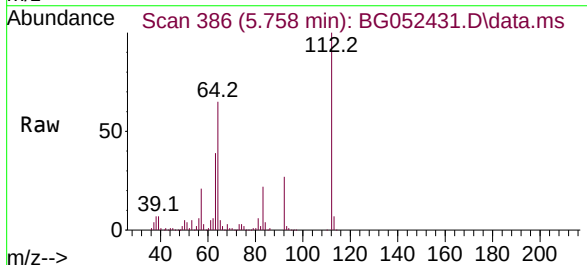
Instrument :
BNA_G
ClientSampleId :
PB142724TB

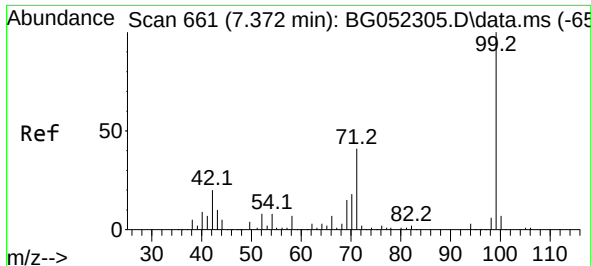
Tgt Ion:152 Resp: 32159
Ion Ratio Lower Upper
152 100
150 150.8 117.8 176.8
115 58.1 50.2 75.2



#5
2-Fluorophenol
Concen: 136.920 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

Tgt Ion:112 Resp: 252643
Ion Ratio Lower Upper
112 100
64 65.3 60.4 90.6
63 38.8 33.3 49.9

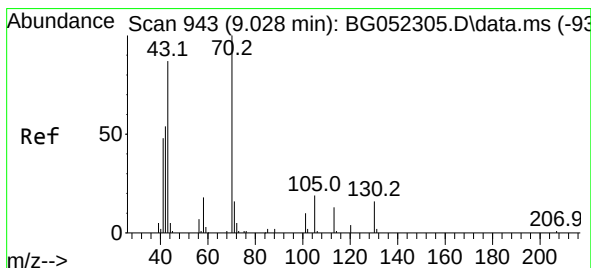
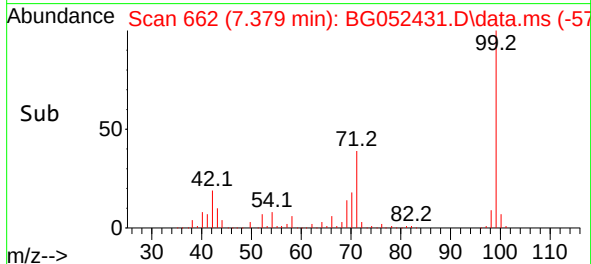
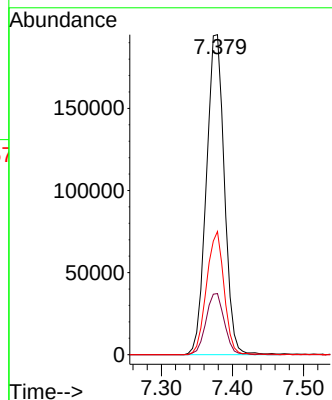
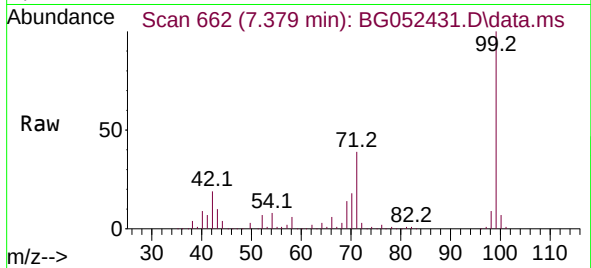




#7
Phenol-d6
Concen: 120.582 ng
RT: 7.379 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

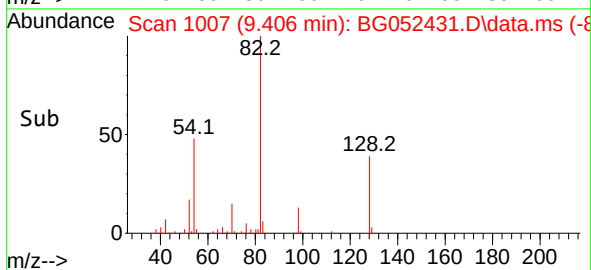
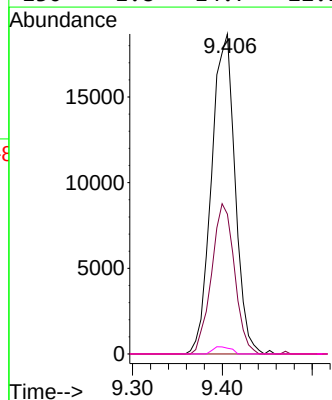
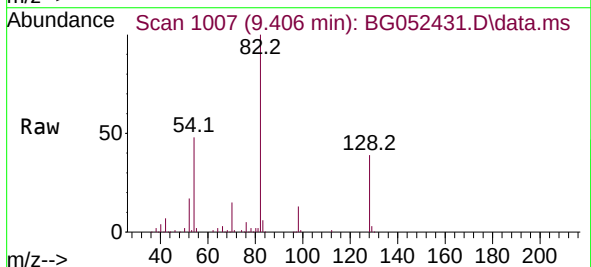
Instrument :
BNA_G
ClientSampleId :
PB142724TB

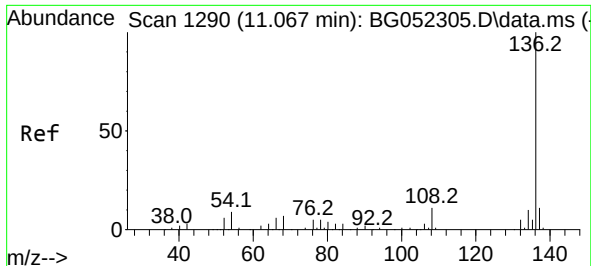
Tgt Ion: 99 Resp: 343300
Ion Ratio Lower Upper
99 100
42 19.1 19.1 28.7#
71 38.5 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.843 ng
RT: 9.406 min Scan# 1007
Delta R.T. 0.377 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

Tgt Ion: 70 Resp: 34005
Ion Ratio Lower Upper
70 100
42 43.7 51.8 77.6#
101 0.0 6.6 10.0#
130 1.8 14.7 22.1#

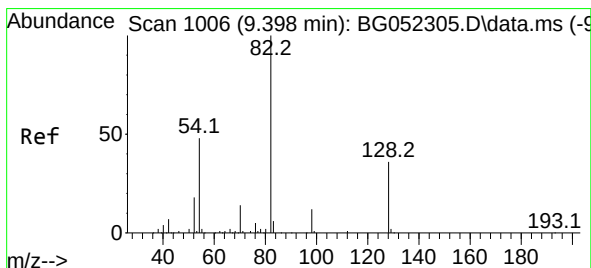
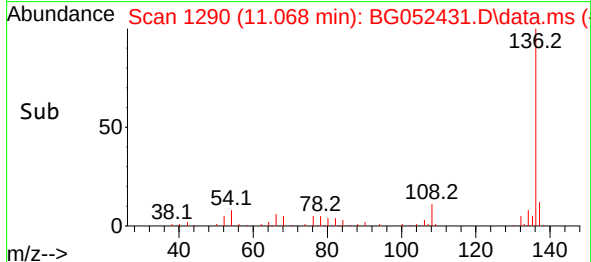
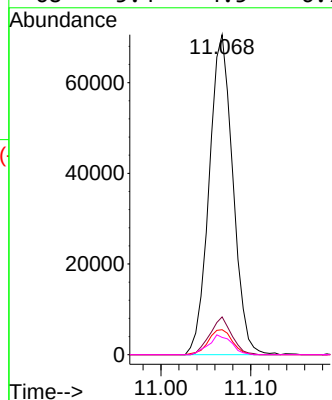
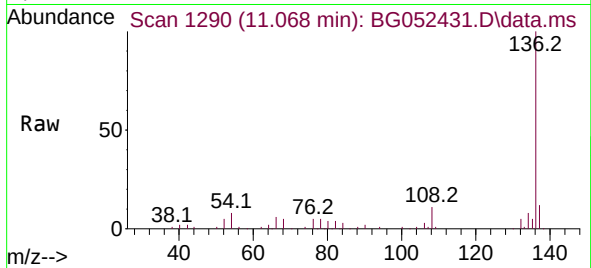




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.068 min Scan# 1106
Delta R.T. 0.001 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

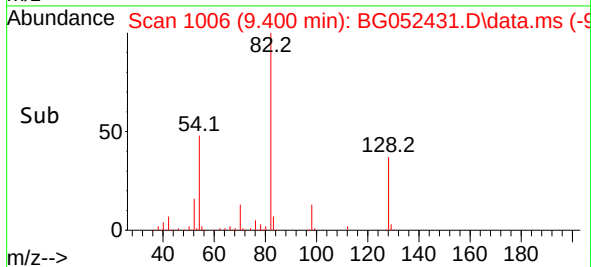
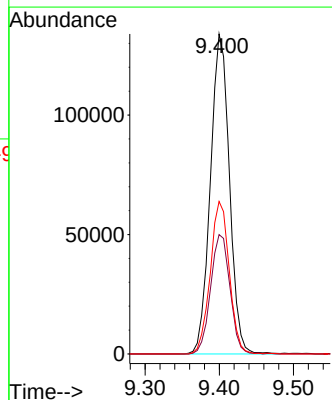
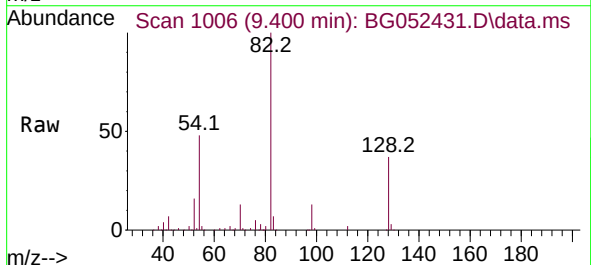
Instrument :
BNA_G
ClientSampleId :
PB142724TB

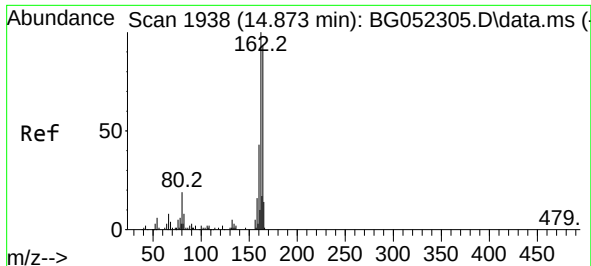
Tgt Ion:136 Resp: 129359
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 7.8 8.3 12.5#
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 80.210 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.001 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

Tgt Ion: 82 Resp: 238739
Ion Ratio Lower Upper
82 100
128 37.3 27.0 40.4
54 47.7 41.0 61.6

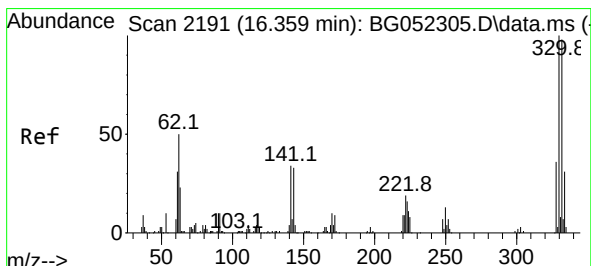
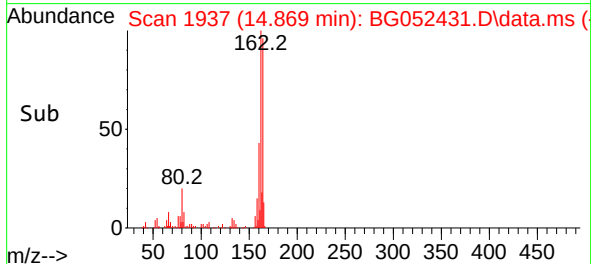
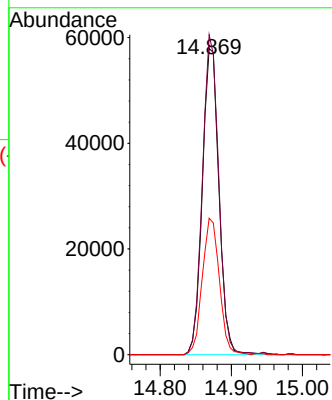
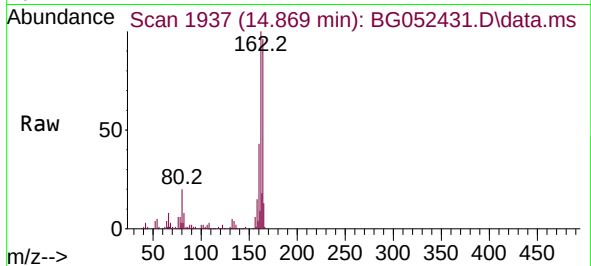




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

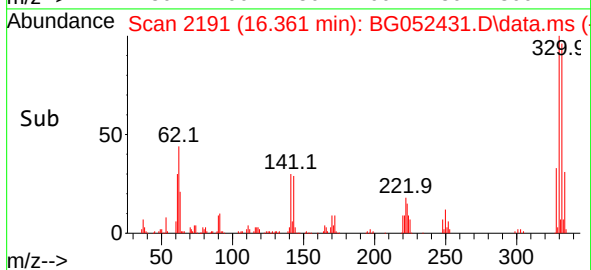
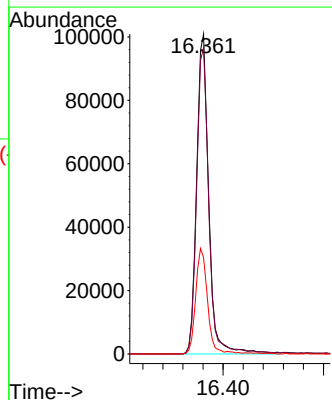
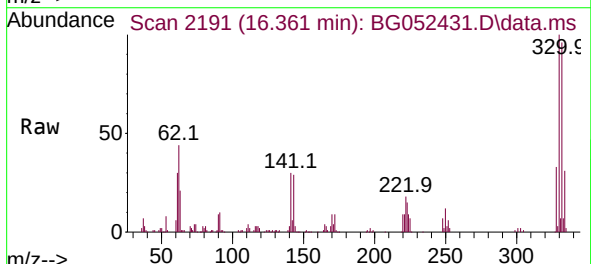
Instrument :
BNA_G
ClientSampleId :
PB142724TB

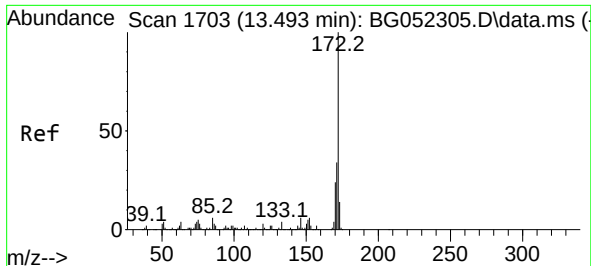
Tgt Ion:164 Resp: 94678
Ion Ratio Lower Upper
164 100
162 104.5 82.2 123.2
160 44.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 124.200 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

Tgt Ion:330 Resp: 168937
Ion Ratio Lower Upper
330 100
332 95.5 78.6 117.8
141 32.2 28.8 43.2

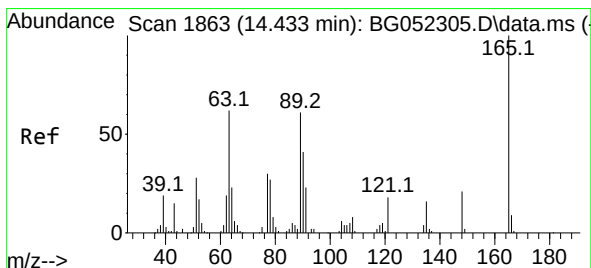
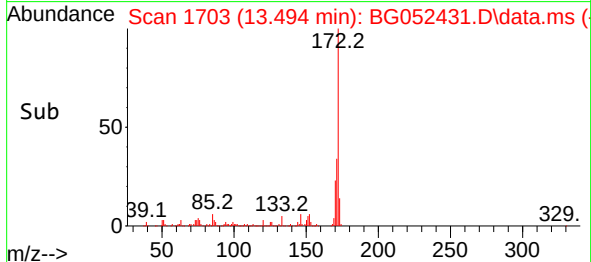
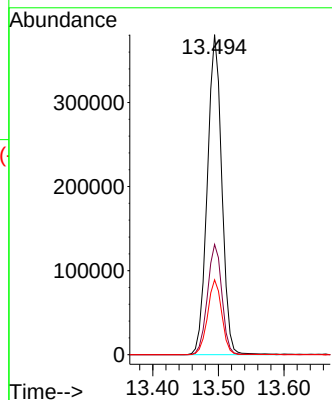
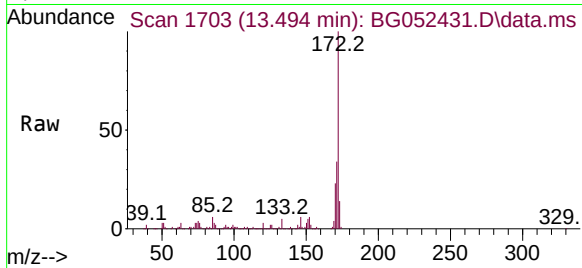




#45
2-Fluorobiphenyl
Concen: 85.649 ng
RT: 13.494 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

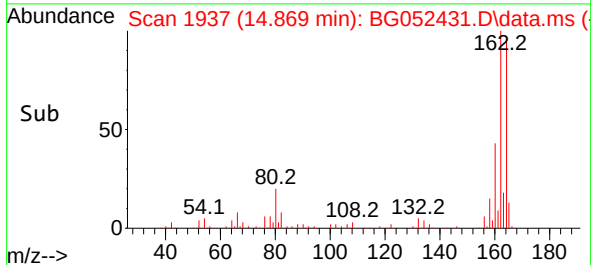
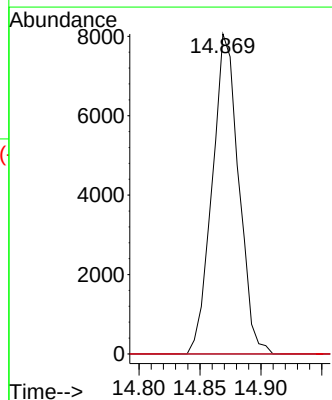
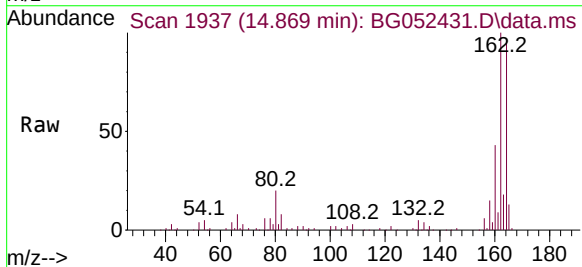
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BNA_G
ClientSampleId :
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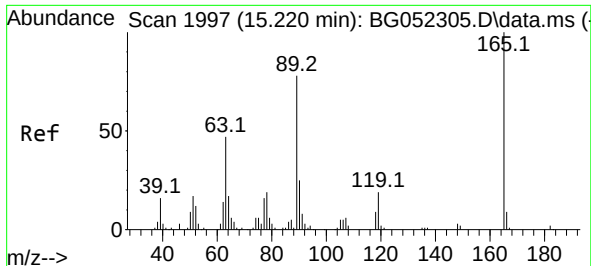
Tgt Ion:172 Resp: 583585
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.4 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 7.780 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.436 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

Tgt Ion:165 Resp: 12177
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: 5.466 ng

RT: 14.869 min Scan# 1997

Delta R.T. -0.351 min

Lab File: BG052431.D

Acq: 21 Feb 2022 10:50

Instrument :

BNA_G

ClientSampleId :

PB142724TB

Tgt Ion:165 Resp: 12177

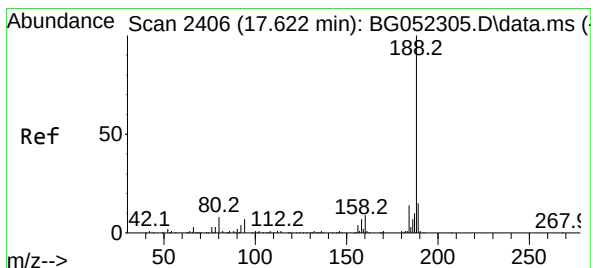
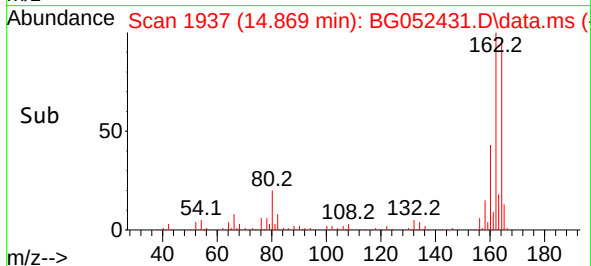
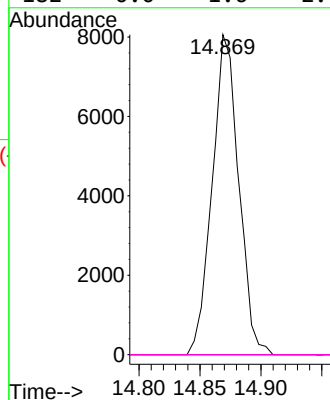
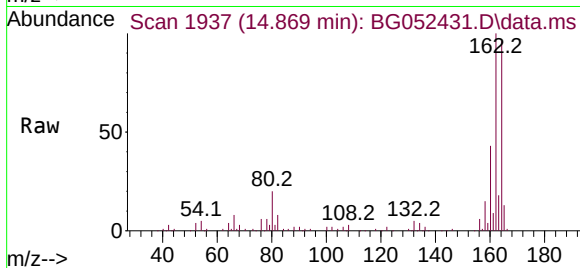
Ion Ratio Lower Upper

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: 17.618 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG052431.D

Acq: 21 Feb 2022 10:50

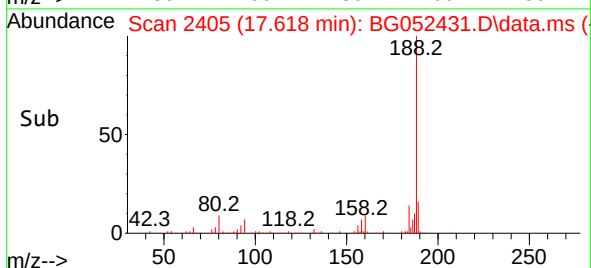
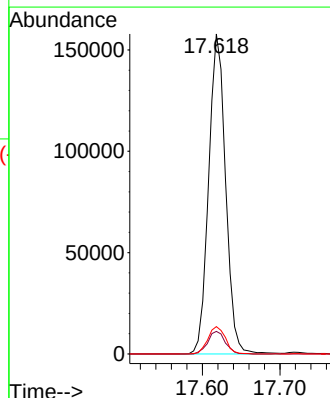
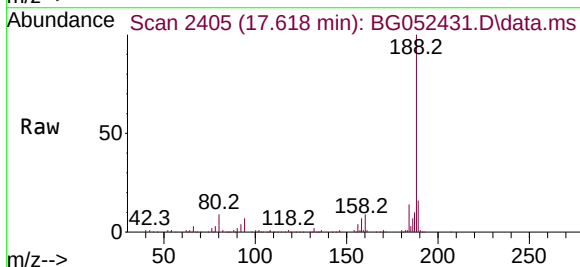
Tgt Ion:188 Resp: 239711

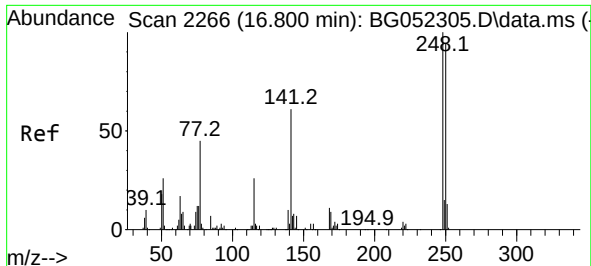
Ion Ratio Lower Upper

188 100

94 7.1 5.9 8.9

80 8.5 6.6 10.0

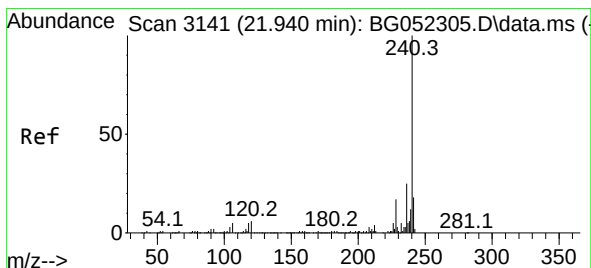
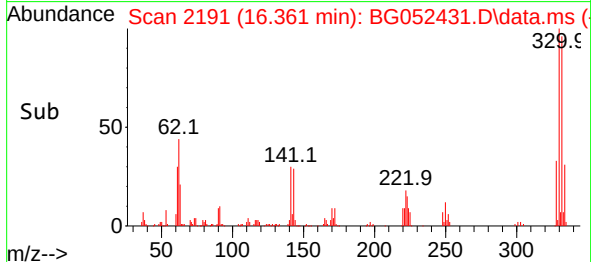
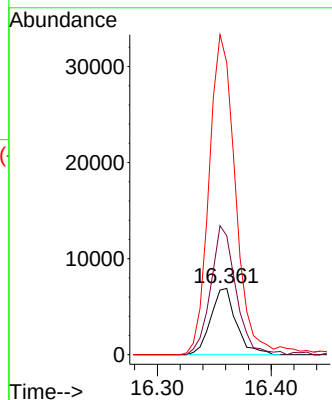
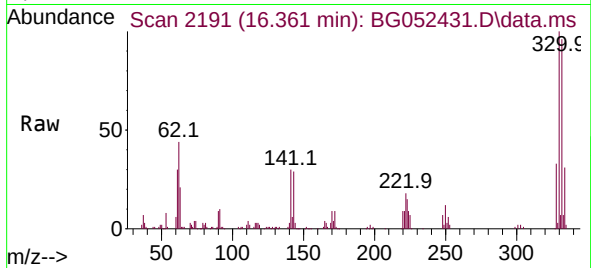




#67
4-Bromophenyl-phenylether
Concen: 3.687 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

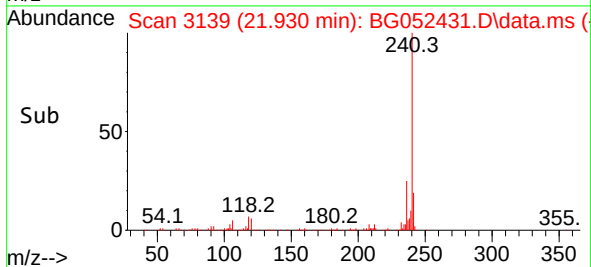
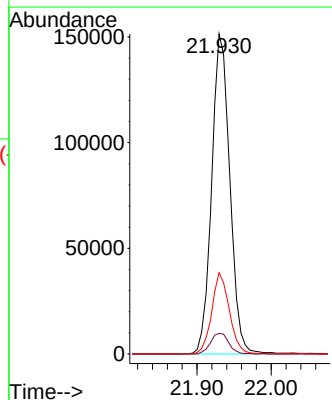
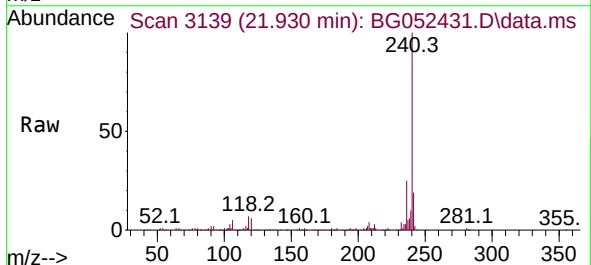
Instrument :
BNA_G
ClientSampleId :
PB142724TB

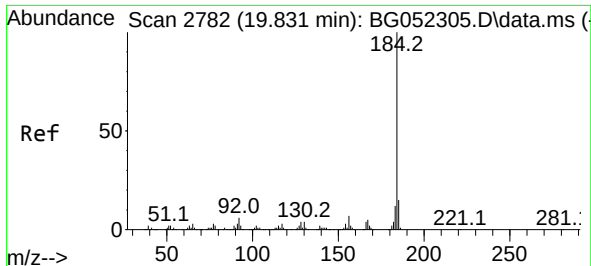
Tgt Ion:248 Resp: 10747
Ion Ratio Lower Upper
248 100
250 179.4 79.6 119.4#
141 440.6 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3139
Delta R.T. -0.010 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

Tgt Ion:240 Resp: 257332
Ion Ratio Lower Upper
240 100
120 6.4 4.4 6.6
236 25.4 20.8 31.2

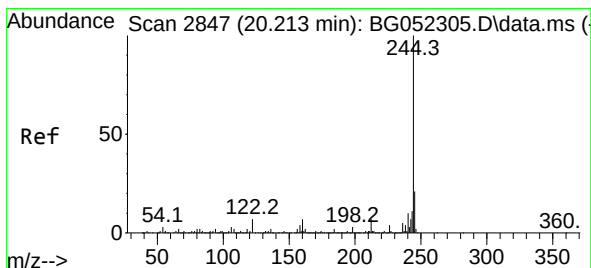
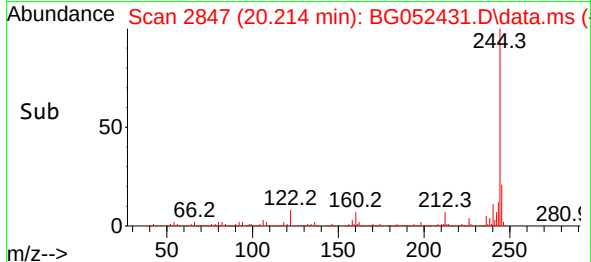
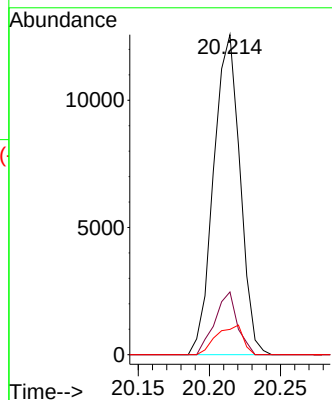
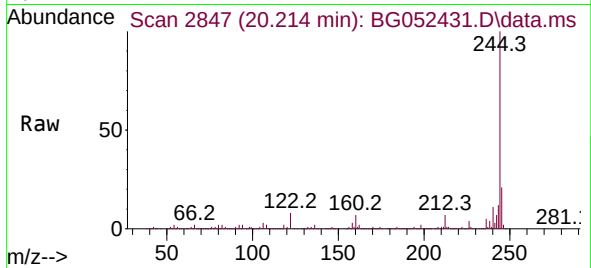




#77
Benzidine
Concen: 2.952 ng
RT: 20.214 min Scan# 2847
Delta R.T. 0.383 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

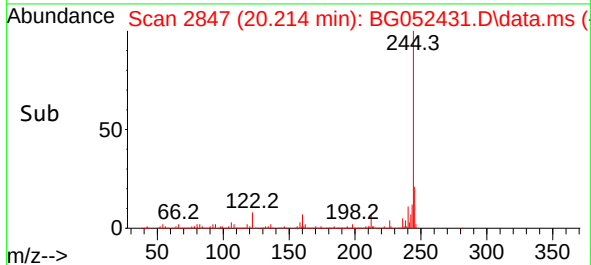
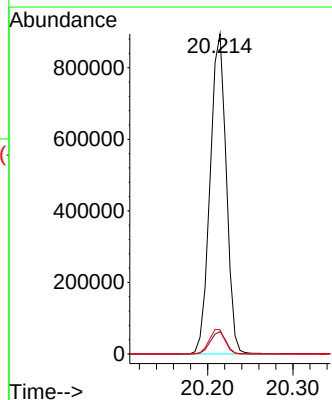
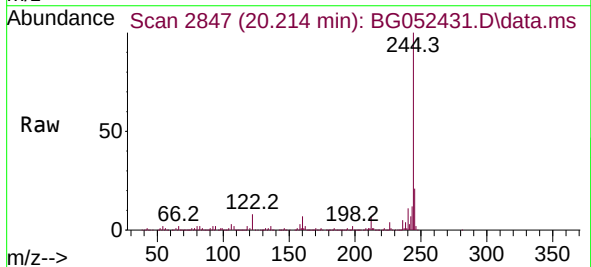
Instrument :
BNA_G
ClientSampleId :
PB142724TB

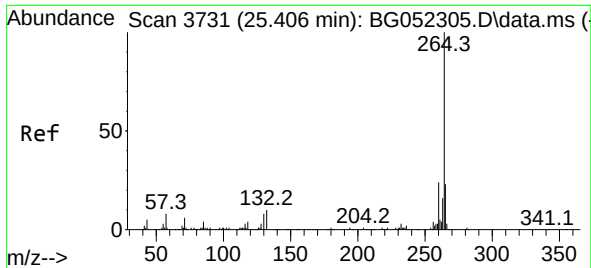
Tgt Ion:184 Resp: 16234
Ion Ratio Lower Upper
184 100
185 19.6 11.8 17.8#
183 7.9 9.8 14.6#



#79
Terphenyl-d14
Concen: 80.786 ng
RT: 20.214 min Scan# 2847
Delta R.T. 0.001 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

Tgt Ion:244 Resp: 1177260
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.5 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.402 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG052431.D
Acq: 21 Feb 2022 10:50

Instrument :
BNA_G
ClientSampleId :
PB142724TB

Tgt Ion:264 Resp: 250671

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.8	17.8	26.6

