

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021622\
 Data File : BG052409.D
 Acq On : 16 Feb 2022 10:47
 Operator : CG/JU
 Sample : PB142428BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142428BL

Quant Time: Feb 16 12:44:39 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)

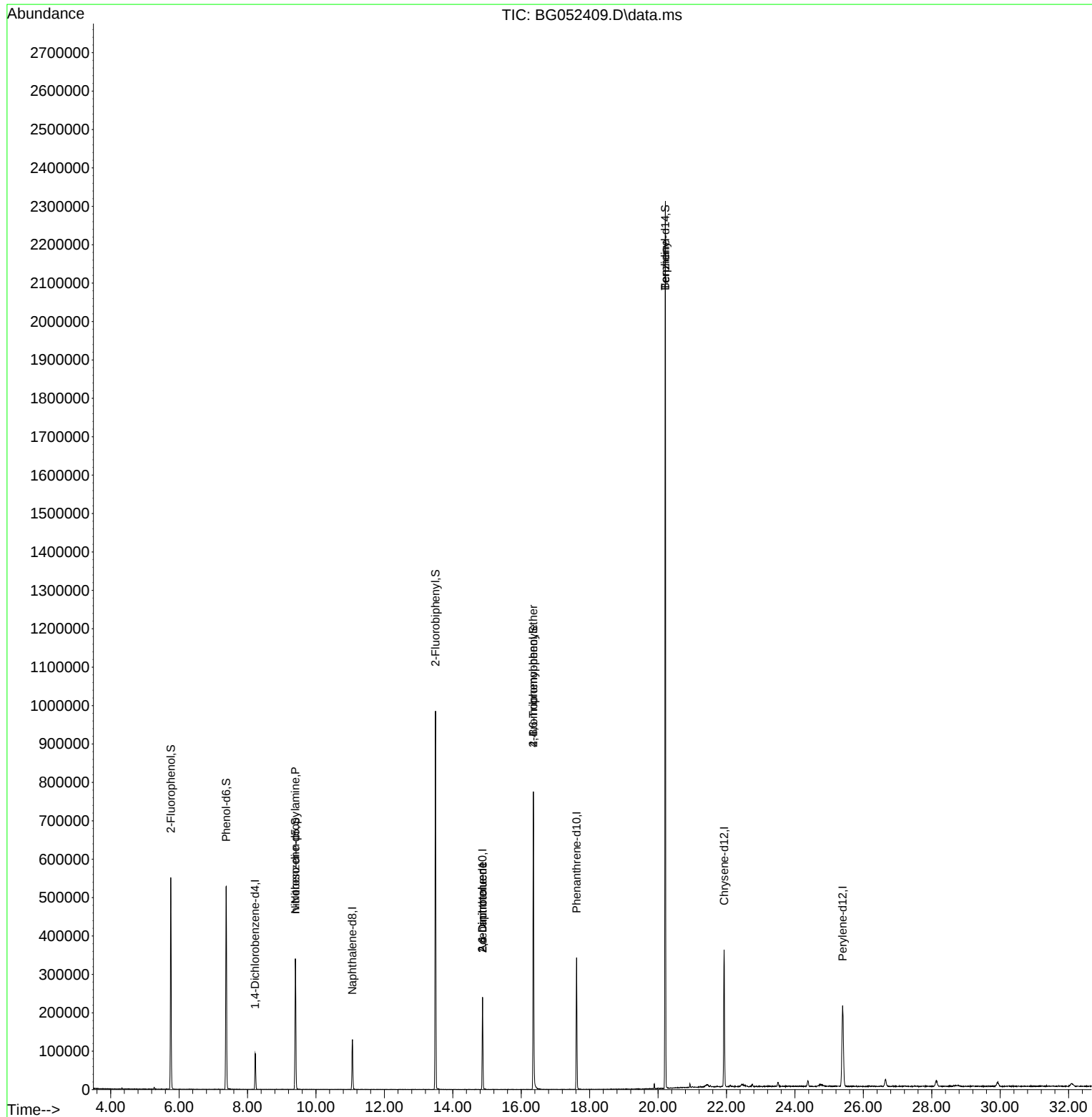
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	27535	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	117291	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	86800	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	229108	20.000	ng	0.00
76) Chrysene-d12	21.930	240	247565	20.000	ng	0.00
86) Perylene-d12	25.396	264	242136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	233345	147.699	ng	0.00
7) Phenol-d6	7.379	99	314552	129.039	ng	0.00
23) Nitrobenzene-d5	9.400	82	219751	81.427	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	162913	130.642	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	535938	85.795	ng	0.00
79) Terphenyl-d14	20.215	244	1161913	82.878	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.374	77	536	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.400	70	29946	16.295	ng	# 70
51) 2,6-Dinitrotoluene	14.869	165	12020	8.377	ng	# 16
57) 2,4-Dinitrotoluene	14.869	165	12020	5.886	ng	# 15
67) 4-Bromophenyl-phenylether	16.355	248	10508	3.771	ng	# 1
77) Benzidine	20.209	184	17158	3.244	ng	99

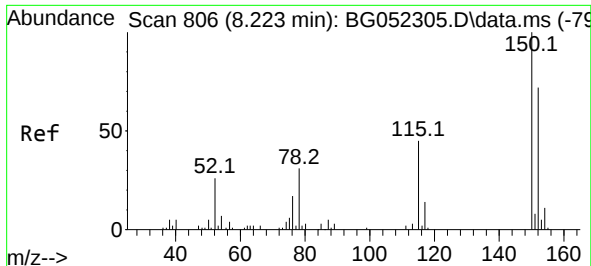
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

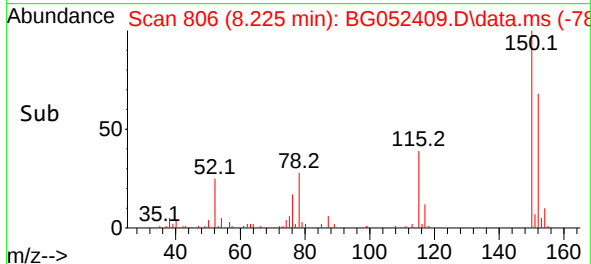
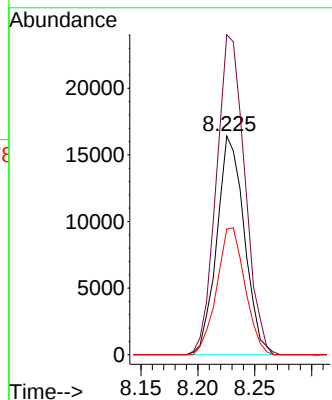
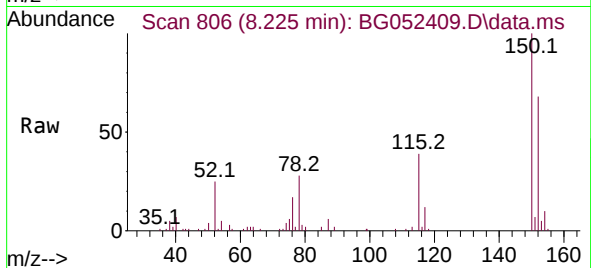




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.225 min Scan# 806
 Delta R.T. 0.002 min
 Lab File: BG052409.D
 Acq: 16 Feb 2022 10:47

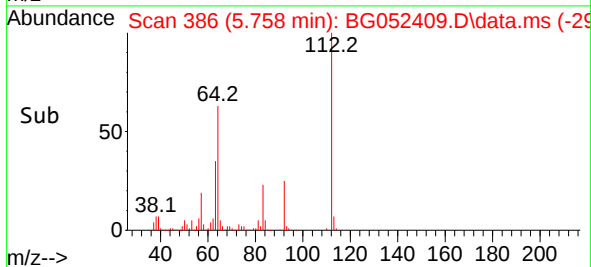
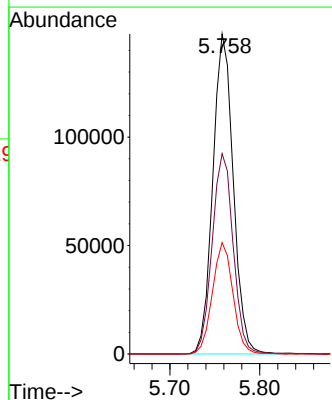
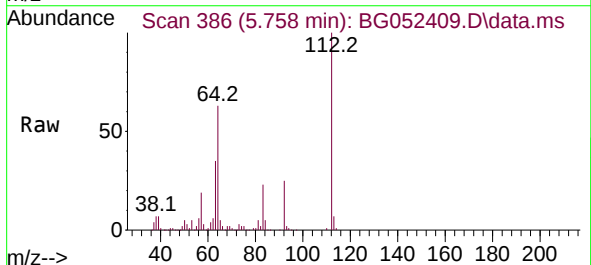
Instrument :
 BNA_G
 ClientSampleId :
 PB142428BL

Tgt Ion:152 Resp: 27535
 Ion Ratio Lower Upper
 152 100
 150 146.3 117.8 176.8
 115 57.5 50.2 75.2



#5
 2-Fluorophenol
 Concen: 147.699 ng
 RT: 5.758 min Scan# 386
 Delta R.T. 0.008 min
 Lab File: BG052409.D
 Acq: 16 Feb 2022 10:47

Tgt Ion:112 Resp: 233345
 Ion Ratio Lower Upper
 112 100
 64 62.6 60.4 90.6
 63 34.8 33.3 49.9

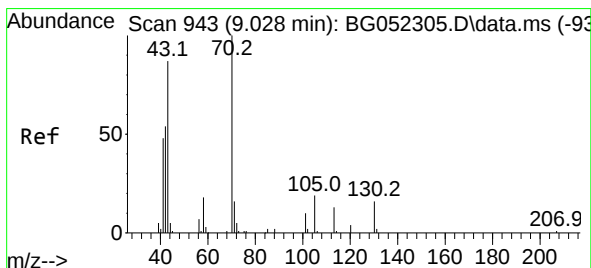
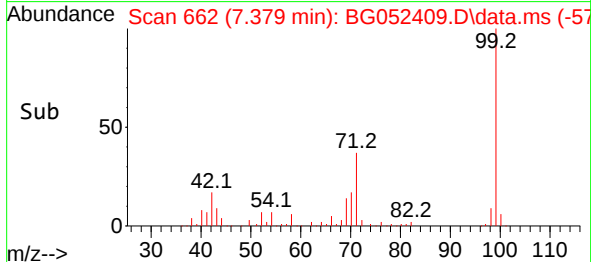
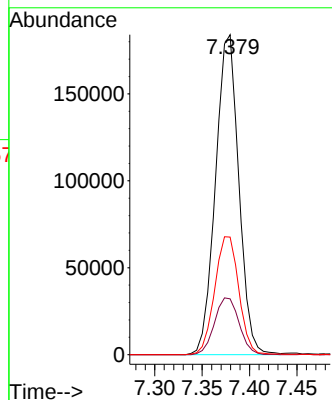
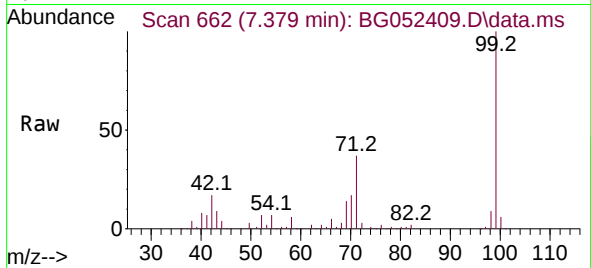




#7
Phenol-d6
Concen: 129.039 ng
RT: 7.379 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

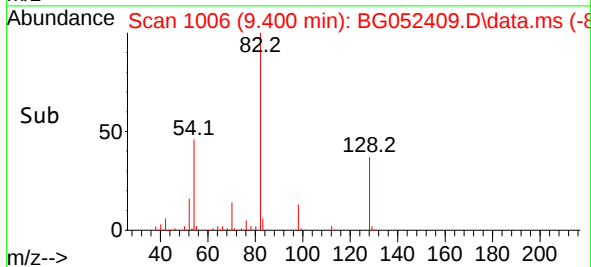
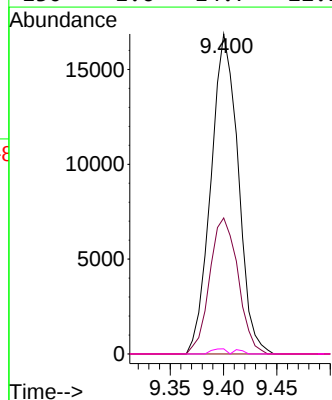
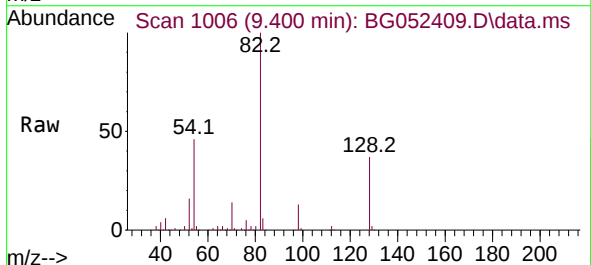
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BNA_G
ClientSampleId :
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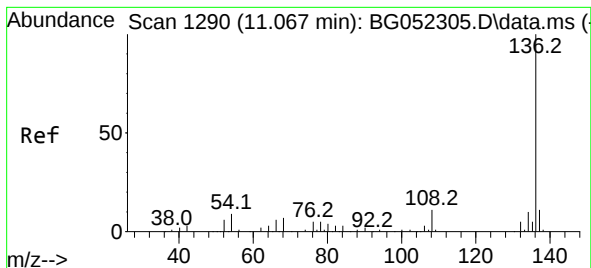
Tgt Ion: 99 Resp: 314552
Ion Ratio Lower Upper
99 100
42 17.5 19.1 28.7#
71 36.8 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.295 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.372 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion: 70 Resp: 29946
Ion Ratio Lower Upper
70 100
42 42.5 51.8 77.6#
101 0.0 6.6 10.0#
130 1.6 14.7 22.1#

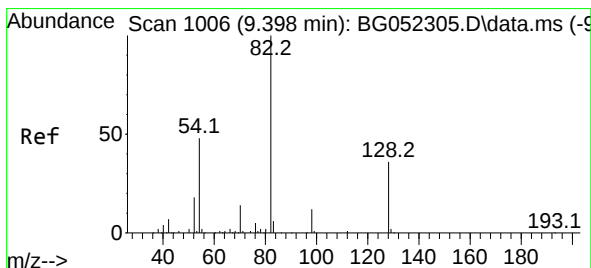
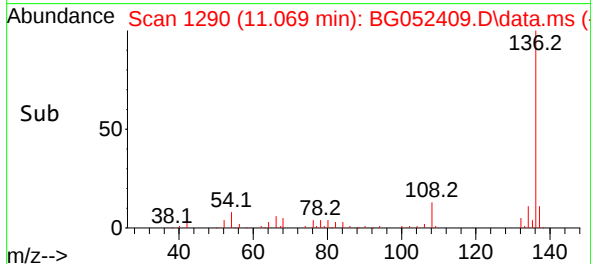
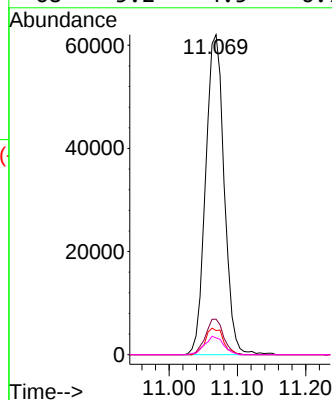
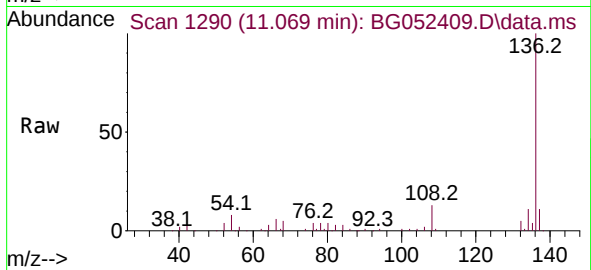




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 11069
Delta R.T. 0.002 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

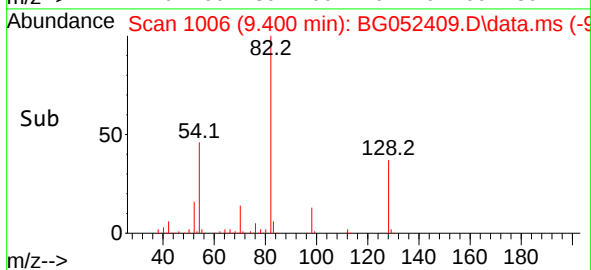
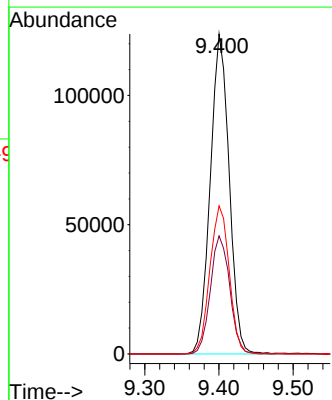
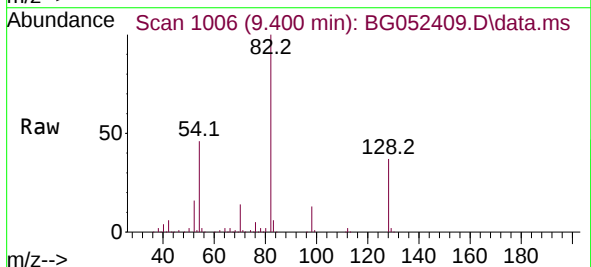
Instrument :
BNA_G
ClientSampleId :
PB142428BL

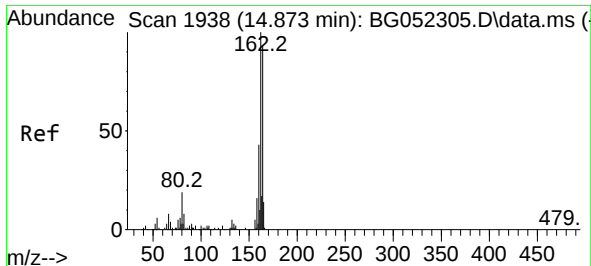
Tgt Ion:136 Resp: 117291
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.5 8.3 12.5#
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 81.427 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.002 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion: 82 Resp: 219751
Ion Ratio Lower Upper
82 100
128 36.9 27.0 40.4
54 46.3 41.0 61.6

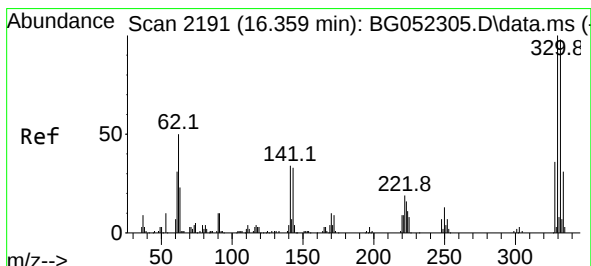
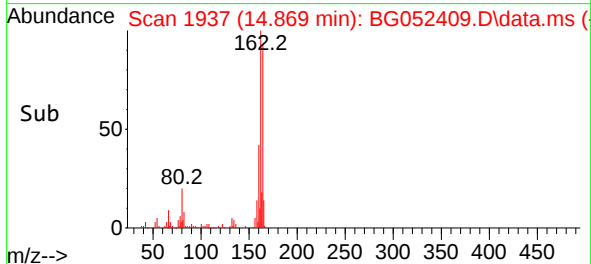
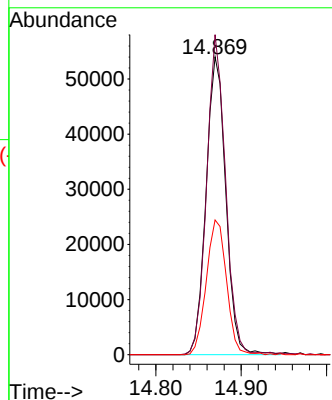
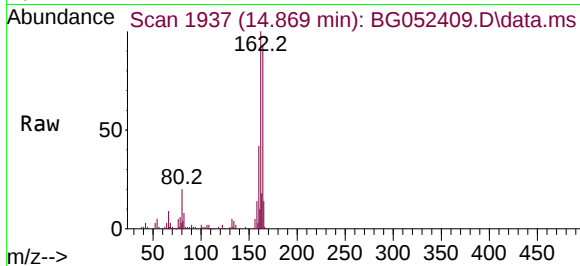




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

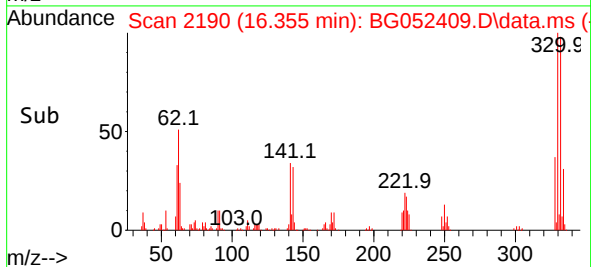
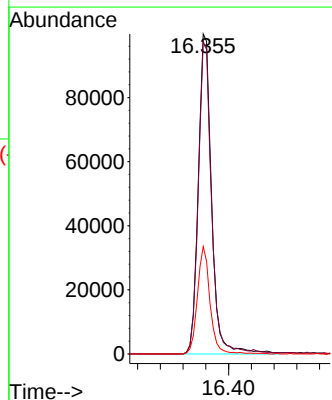
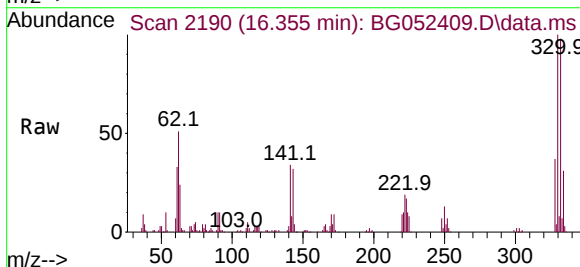
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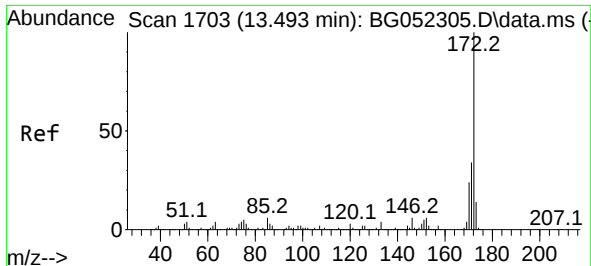
Tgt Ion:164 Resp: 86800
Ion Ratio Lower Upper
164 100
162 107.4 82.2 123.2
160 45.2 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 130.642 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion:330 Resp: 162913
Ion Ratio Lower Upper
330 100
332 96.0 78.6 117.8
141 31.6 28.8 43.2

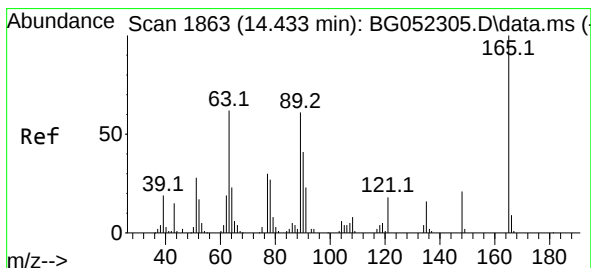
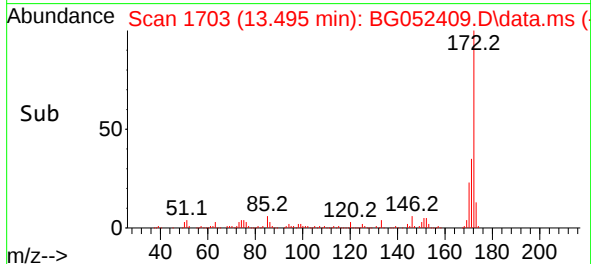
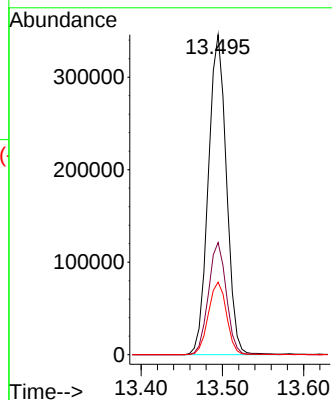
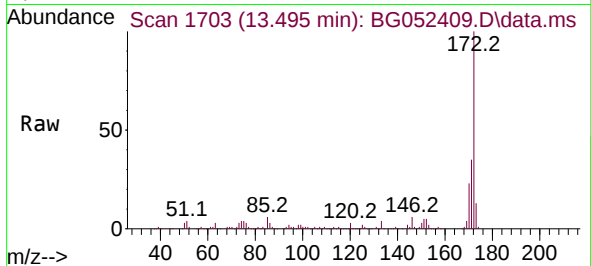




#45
2-Fluorobiphenyl
Concen: 85.795 ng
RT: 13.495 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

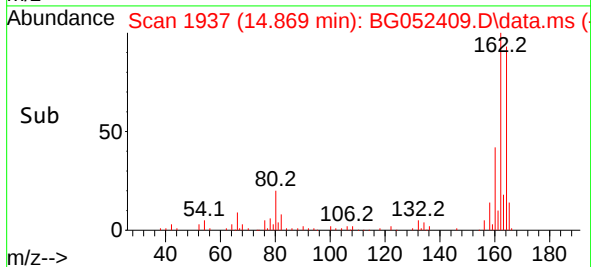
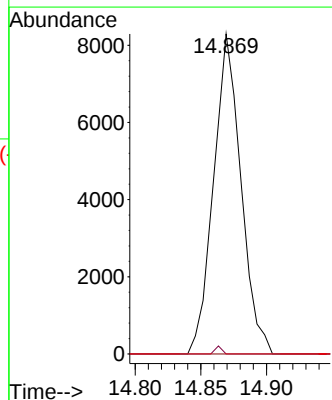
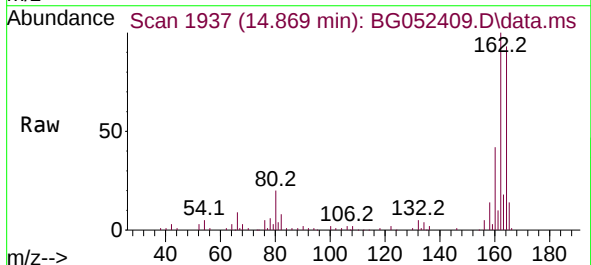
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ClientSampleId :
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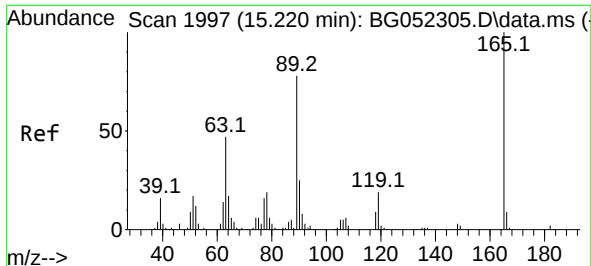
Tgt Ion:172 Resp: 535938
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.7 18.3 27.5



#51
2,6-Dinitrotoluene
Concen: 8.377 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.437 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion:165 Resp: 12020
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#

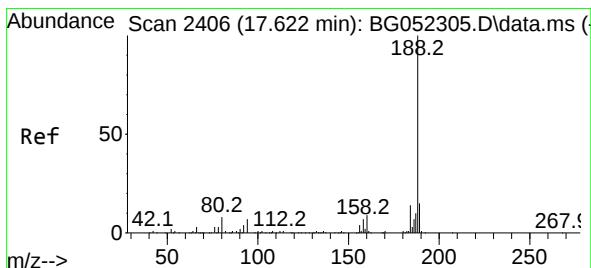
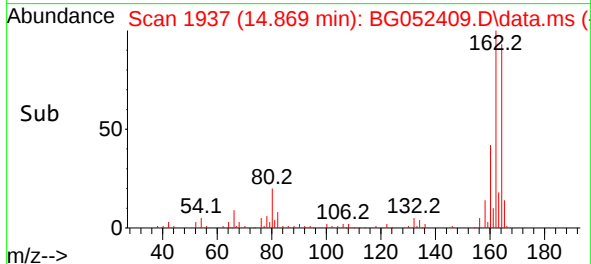
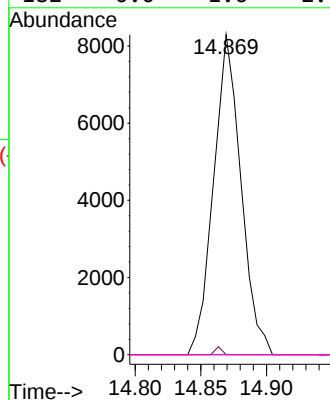
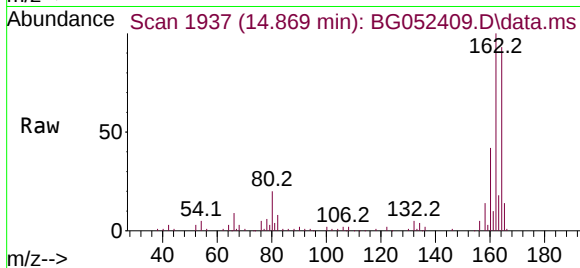




#57
2,4-Dinitrotoluene
Concen: 5.886 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.351 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

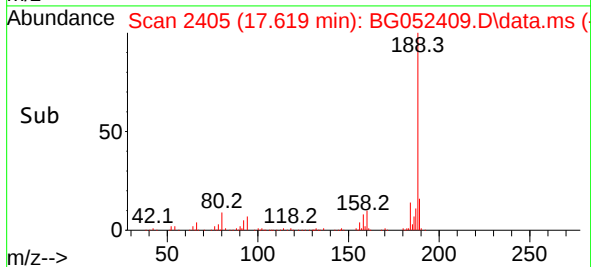
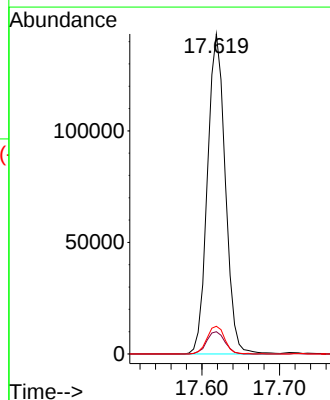
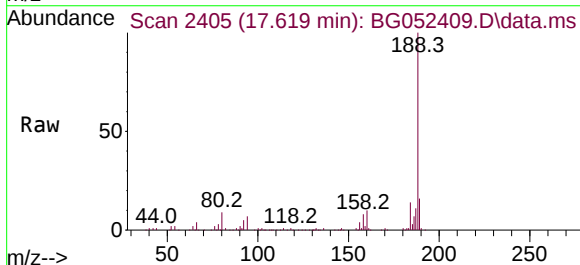
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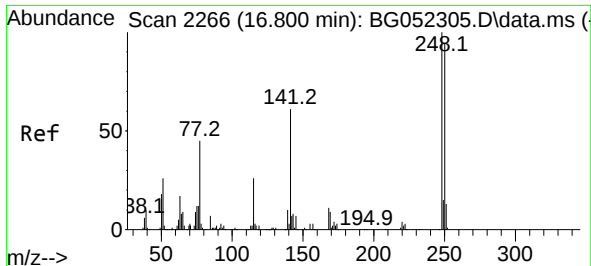
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Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion:188 Resp: 229108
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 8.6 6.6 10.0

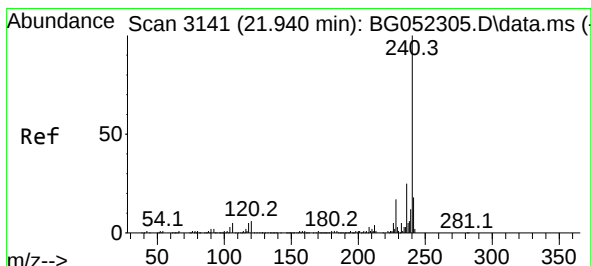
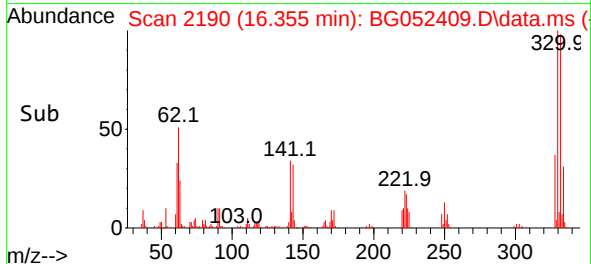
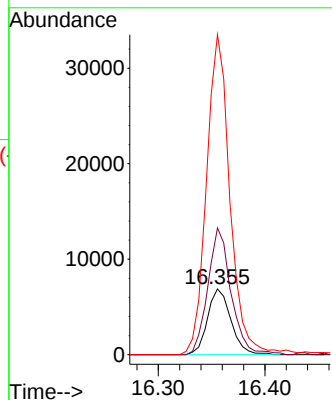
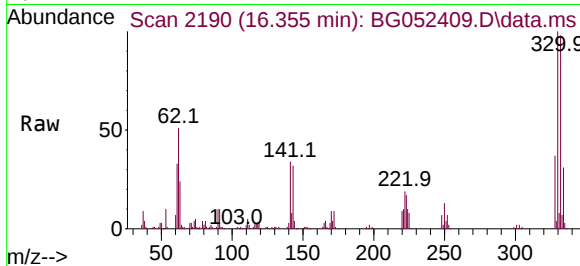




#67
4-Bromophenyl-phenylether
Concen: 3.771 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

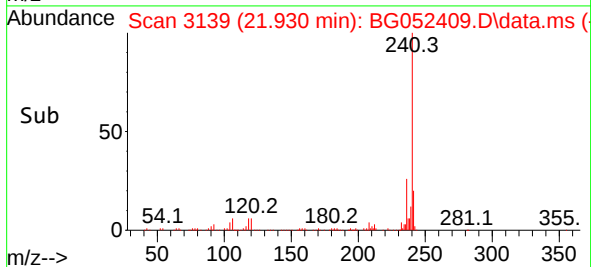
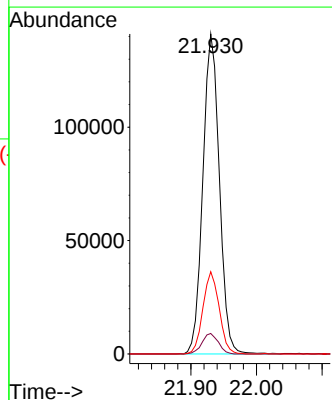
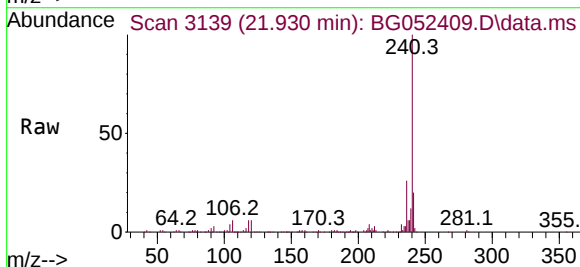
Instrument :
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ClientSampleId :
PB142428BL

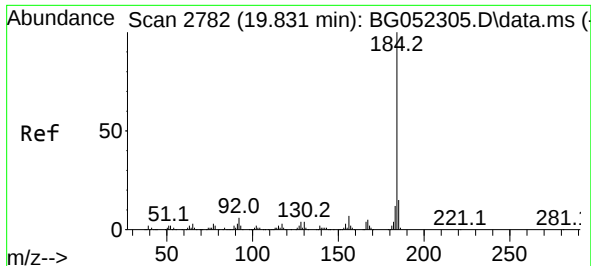
Tgt Ion:248 Resp: 10508
Ion Ratio Lower Upper
248 100
250 192.5 79.6 119.4#
141 486.5 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3139
Delta R.T. -0.010 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion:240 Resp: 247565
Ion Ratio Lower Upper
240 100
120 6.4 4.4 6.6
236 25.7 20.8 31.2

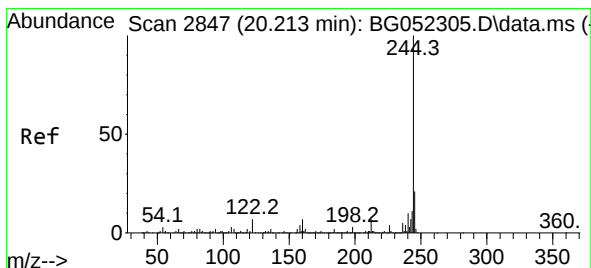
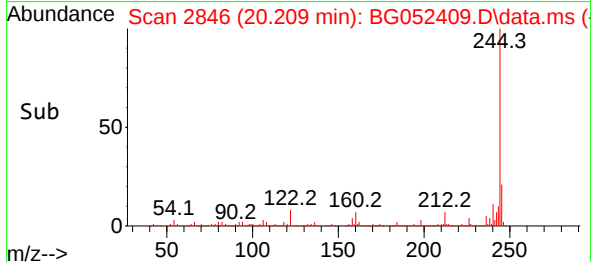
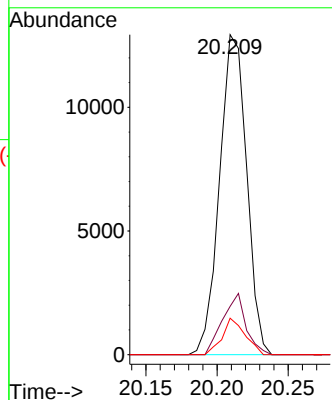
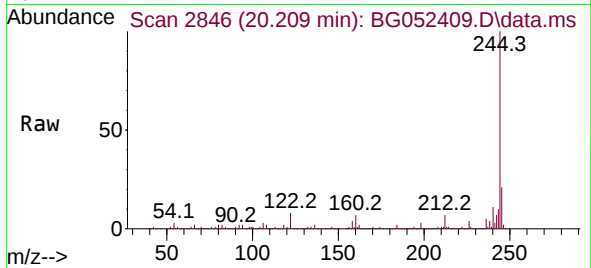




#77
Benzidine
Concen: 3.244 ng
RT: 20.209 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

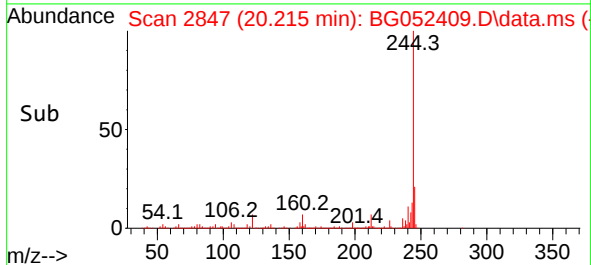
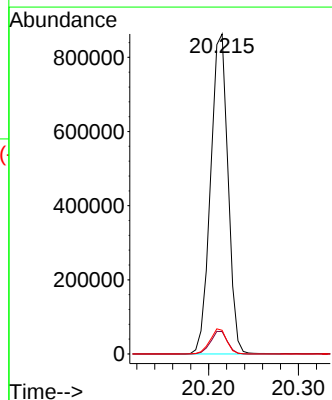
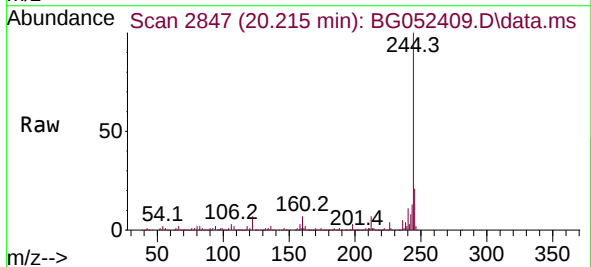
Instrument :
BNA_G
ClientSampleId :
PB142428BL

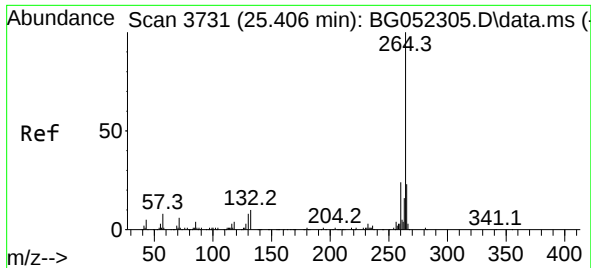
Tgt Ion:184 Resp: 17158
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.8
183 11.4 9.8 14.6



#79
Terphenyl-d14
Concen: 82.878 ng
RT: 20.215 min Scan# 2847
Delta R.T. 0.002 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion:244 Resp: 1161913
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 7.4 6.2 9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.396 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Instrument :
BNA_G
ClientSampleId :
PB142428BL

Tgt Ion:264 Resp: 242136
Ion Ratio Lower Upper
264 100
260 24.5 18.5 27.7
265 22.8 17.8 26.6

