

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062521\
 Data File : BG049091.D
 Acq On : 25 Jun 2021 14:20
 Operator : CG/JU
 Sample : PB137320BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137320BL

Quant Time: Jun 25 16:21:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

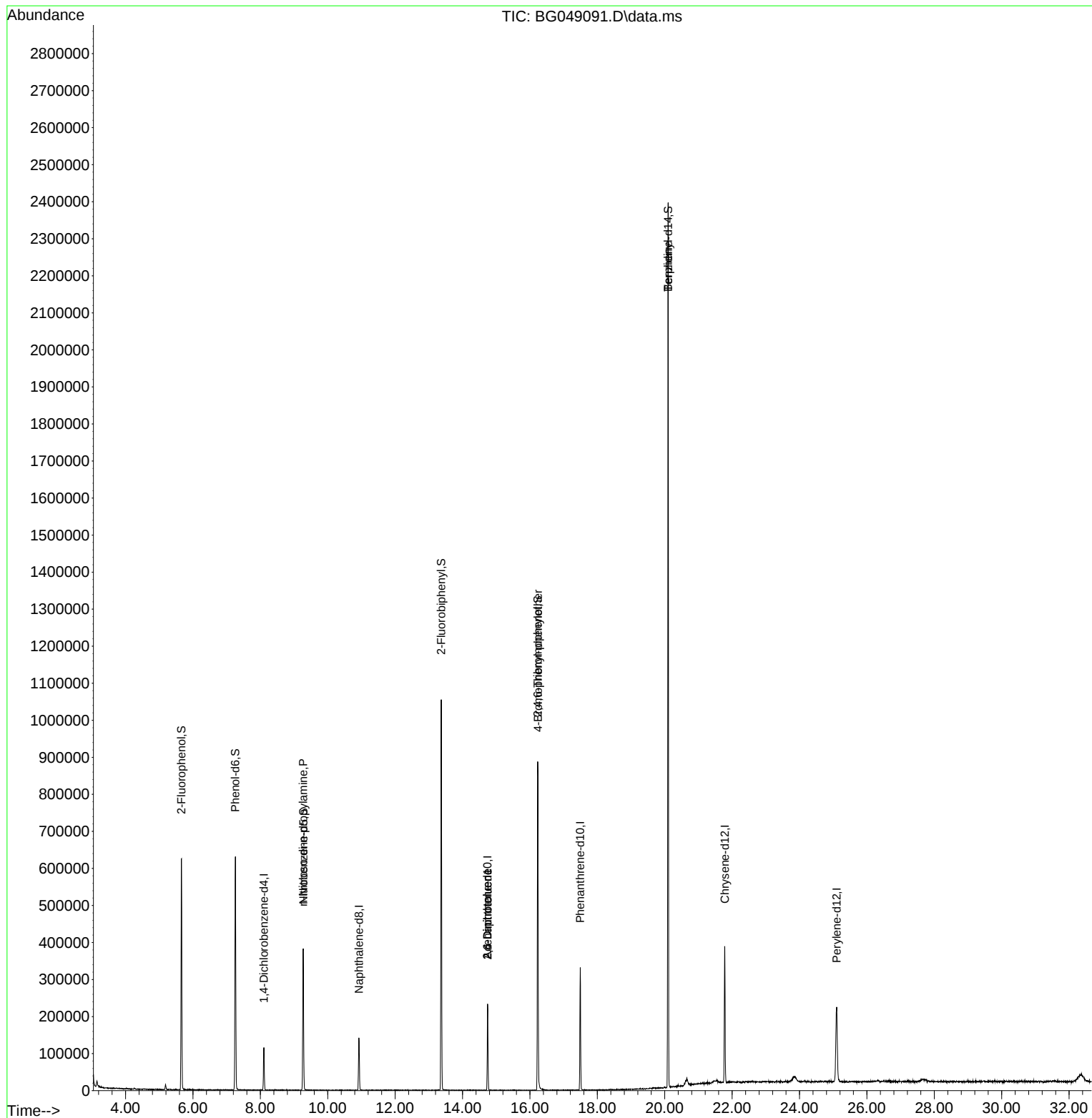
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	30297	20.000	ng	0.00
21) Naphthalene-d8	10.925	136	118810	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	86970	20.000	ng	0.00
64) Phenanthrene-d10	17.493	188	207208	20.000	ng	# 0.00
76) Chrysene-d12	21.783	240	239475	20.000	ng	0.00
86) Perylene-d12	25.102	264	246880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	249889	128.394	ng	0.00
7) Phenol-d6	7.258	99	318987	109.352	ng	0.00
23) Nitrobenzene-d5	9.274	82	232624	84.427	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	185991	144.345	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	524722	85.231	ng	0.00
79) Terphenyl-d14	20.102	244	1117589	85.469	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	34490	15.126	ng	# 72
51) 2,6-Dinitrotoluene	14.744	165	11829	8.574	ng	# 10
57) 2,4-Dinitrotoluene	14.744	165	11829	6.980	ng	# 15
67) 4-Bromophenyl-phenylether	16.236	248	11521	4.453	ng	# 1
77) Benzidine	20.102	184	20443	4.238	ng	95

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

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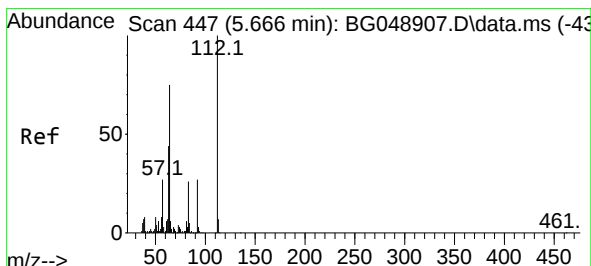
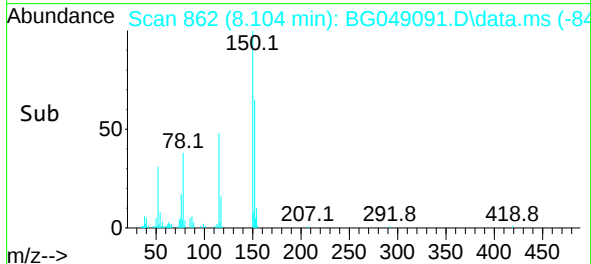
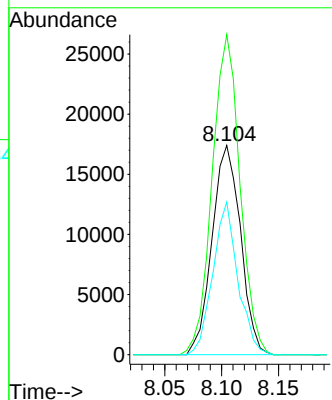
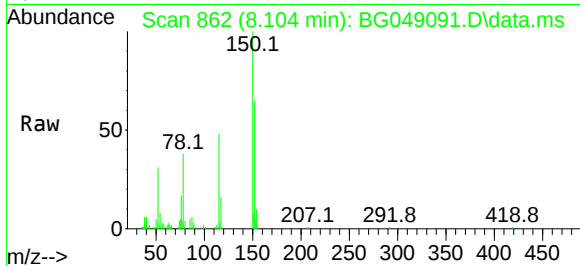




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 862
Delta R.T. -0.001 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

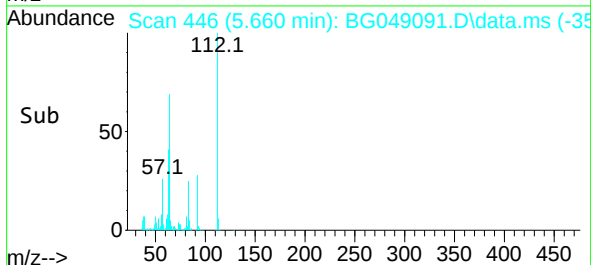
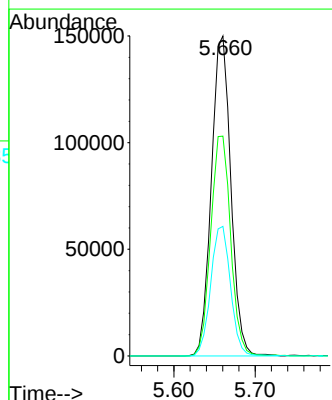
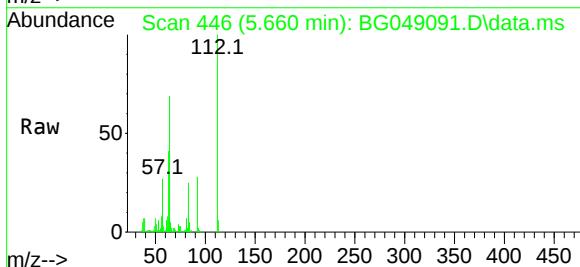
Instrument :
BNA_G
ClientSampleId :
PB137320BL

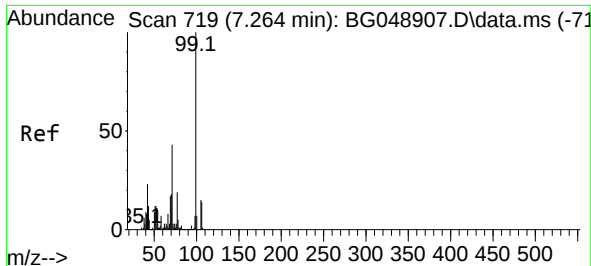
Tgt Ion:152 Resp: 30297
Ion Ratio Lower Upper
152 100
150 152.9 119.4 179.0
115 72.9 60.2 90.4



#5
2-Fluorophenol
Concen: 128.394 ng
RT: 5.660 min Scan# 446
Delta R.T. 0.005 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

Tgt Ion:112 Resp: 249889
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 40.5 35.3 52.9

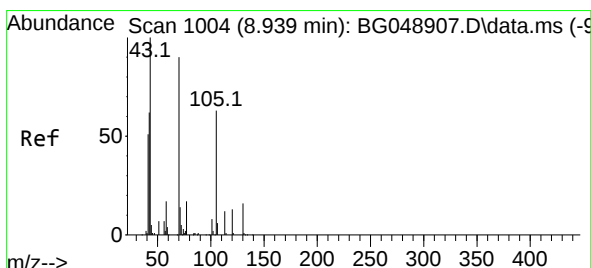
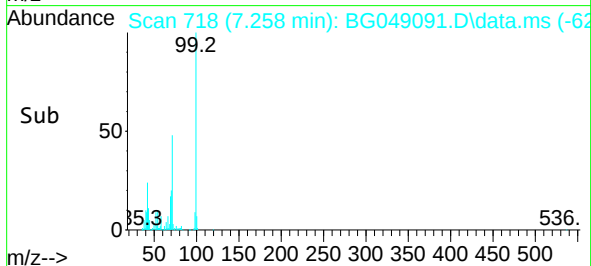
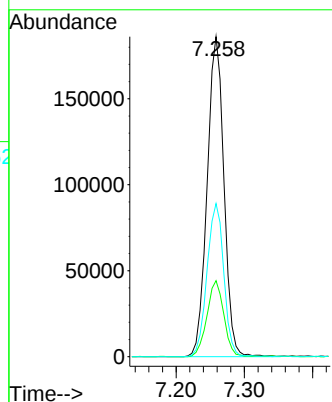
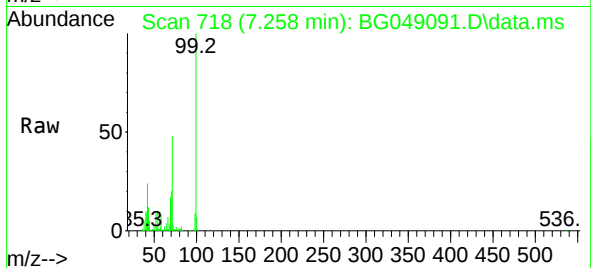




#7
Phenol-d6
Concen: 109.352 ng
RT: 7.258 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

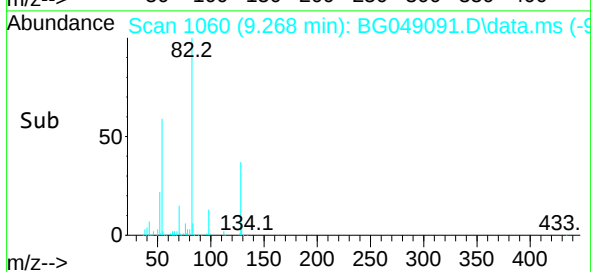
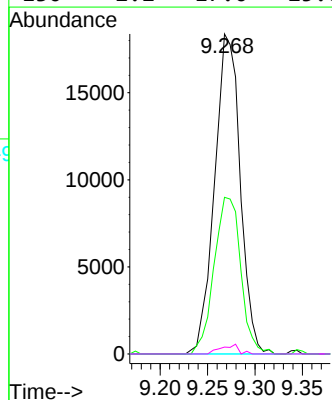
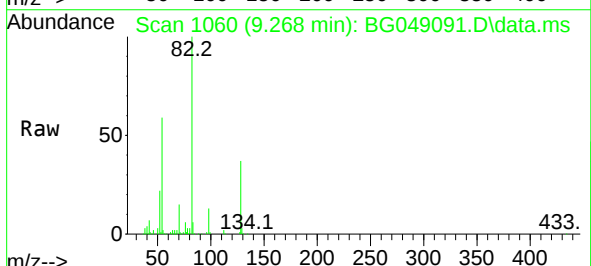
Instrument :
BNA_G
ClientSampleId :
PB137320BL

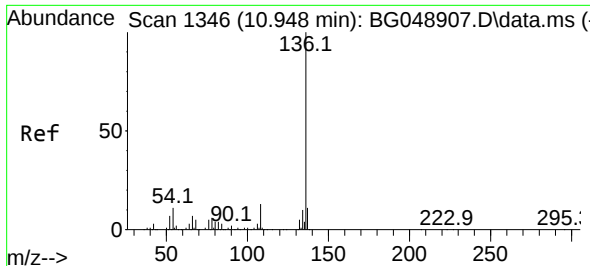
Tgt Ion:	99	Resp:	318987
Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.5	30.7
71	47.9	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.126 ng
RT: 9.268 min Scan# 1060
Delta R.T. 0.357 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

Tgt Ion:	70	Resp:	34490
Ion	Ratio	Lower	Upper
70	100		
42	48.9	54.5	81.7#
101	0.0	9.0	13.6#
130	2.2	17.0	25.6#

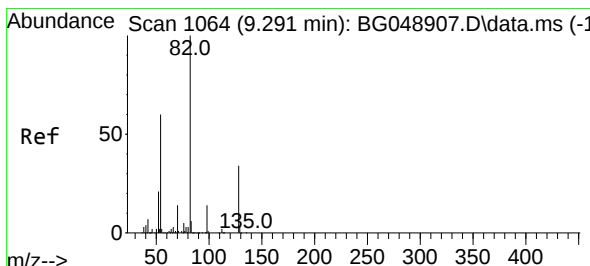
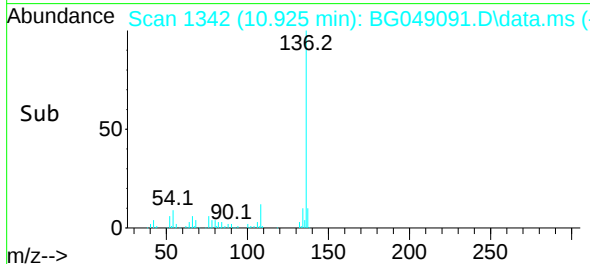
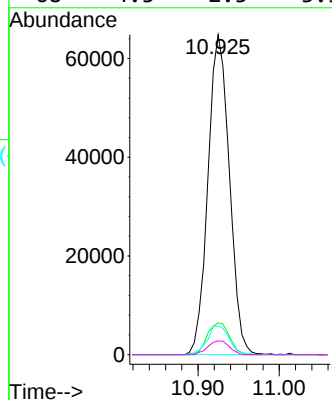
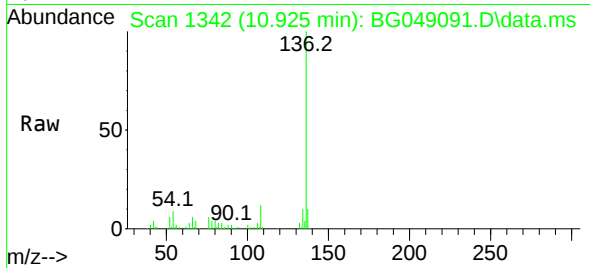




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

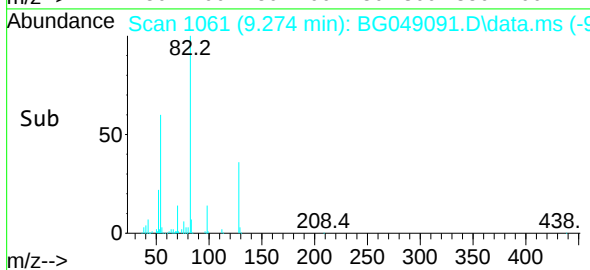
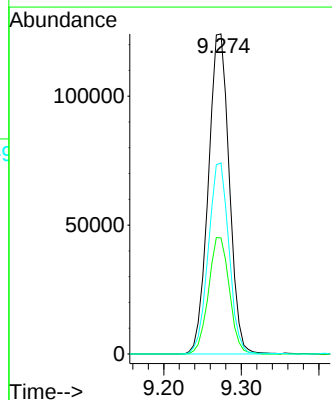
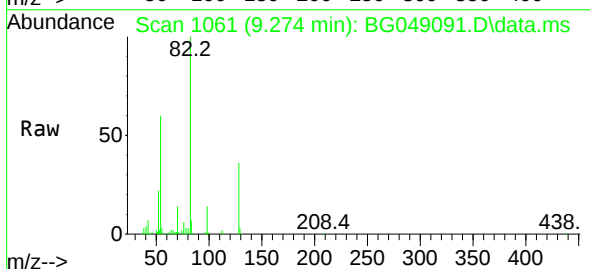
Instrument :
BNA_G
ClientSampleId :
PB137320BL

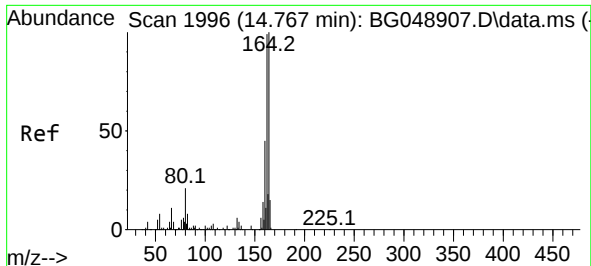
Tgt Ion:136 Resp: 118810
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 8.9 5.5 8.3#
68 4.3 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 84.427 ng
RT: 9.274 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

Tgt Ion: 82 Resp: 232624
Ion Ratio Lower Upper
82 100
128 36.2 29.8 44.6
54 59.7 45.8 68.8

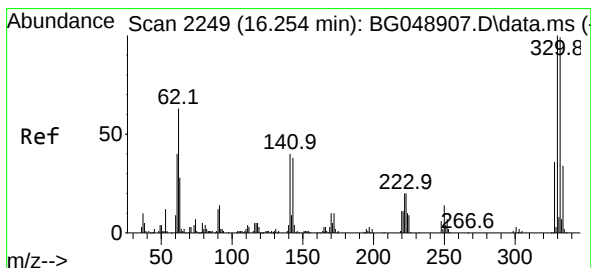
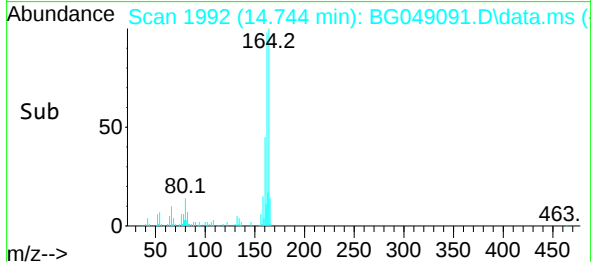
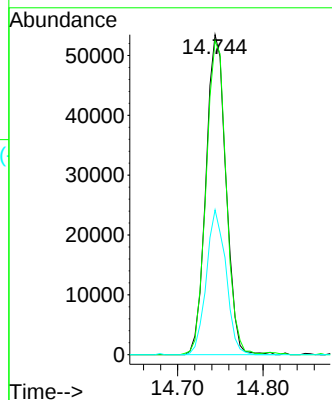
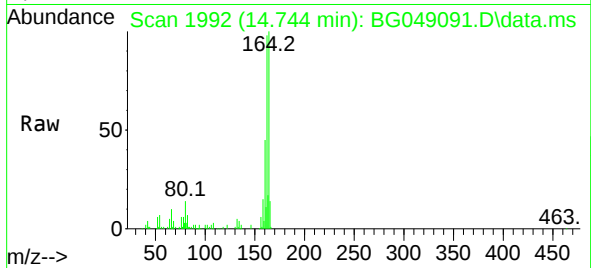




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.007 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

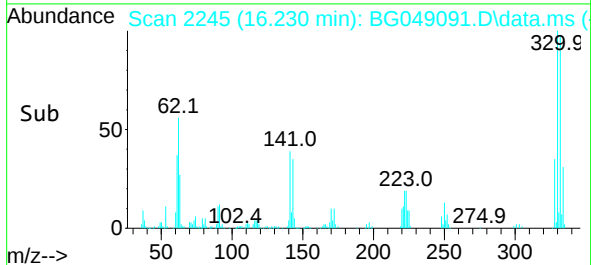
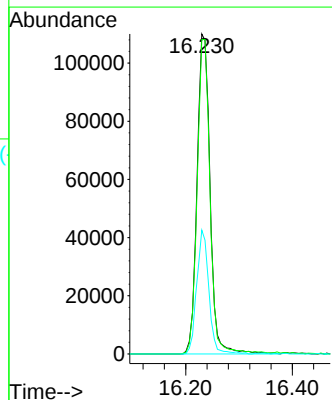
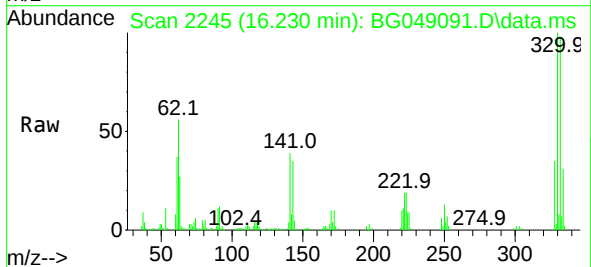
Instrument :
BNA_G
ClientSampleId :
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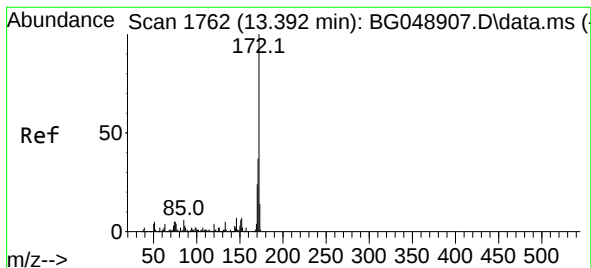
Tgt Ion:164 Resp: 86970
Ion Ratio Lower Upper
164 100
162 98.1 81.4 122.0
160 45.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 144.345 ng
RT: 16.230 min Scan# 2245
Delta R.T. -0.007 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

Tgt Ion:330 Resp: 185991
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 36.2 35.6 53.4

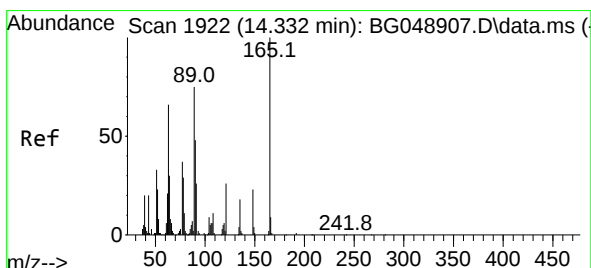
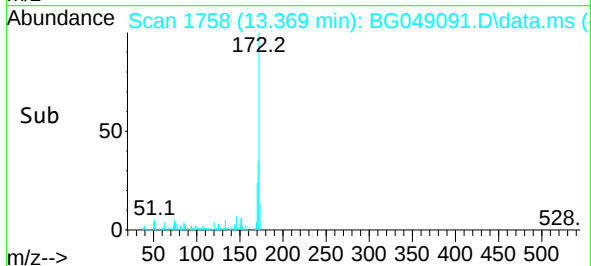
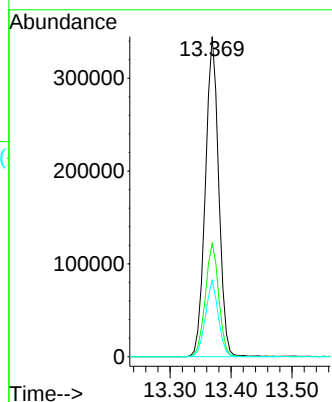
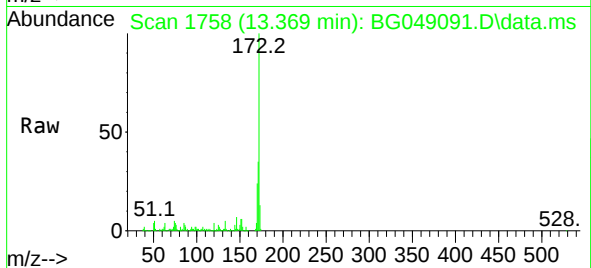




#45
2-Fluorobiphenyl
Concen: 85.231 ng
RT: 13.369 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

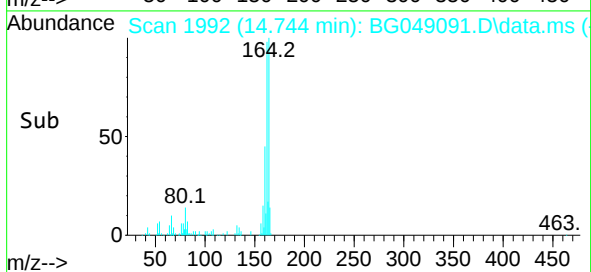
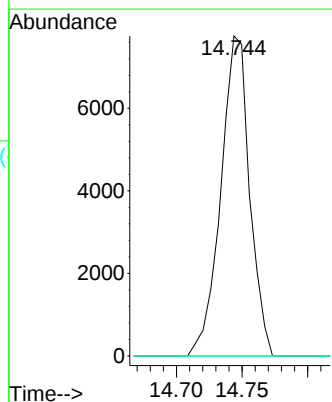
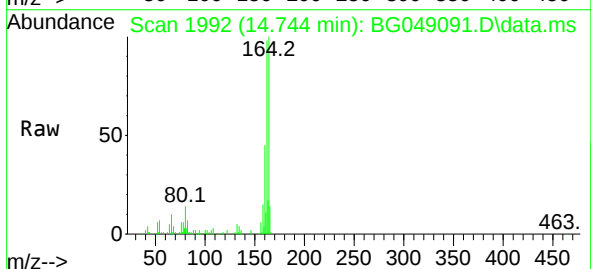
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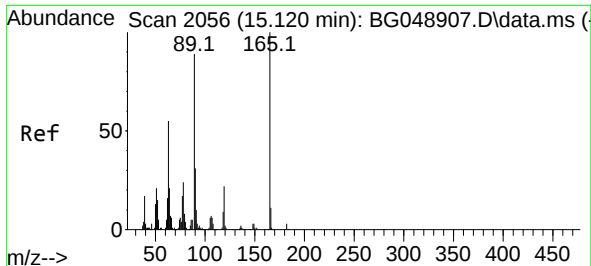
Tgt Ion:172 Resp: 524722
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.574 ng
RT: 14.744 min Scan# 1992
Delta R.T. 0.428 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

Tgt Ion:165 Resp: 11829
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

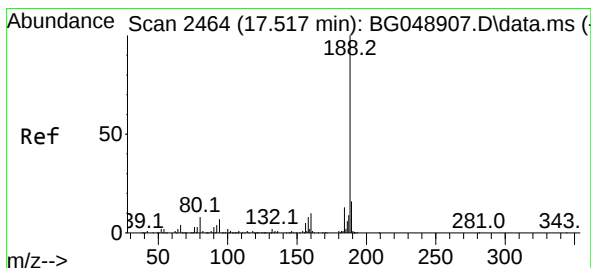
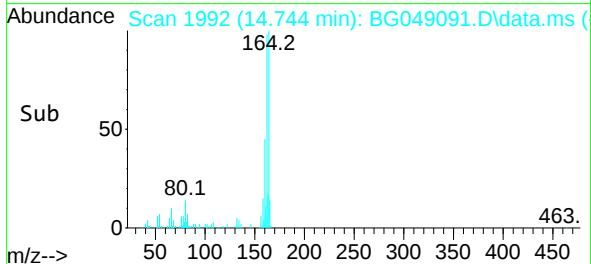
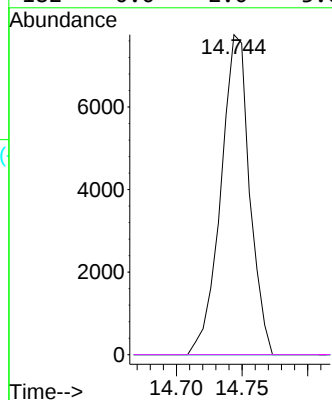
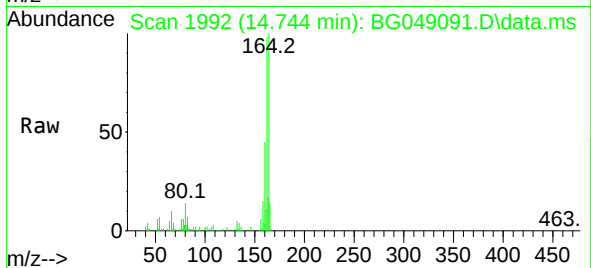




#57
2,4-Dinitrotoluene
Concen: 6.980 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.359 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

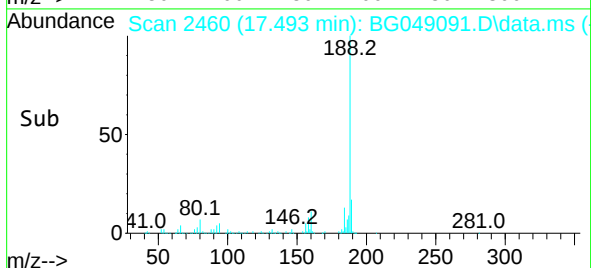
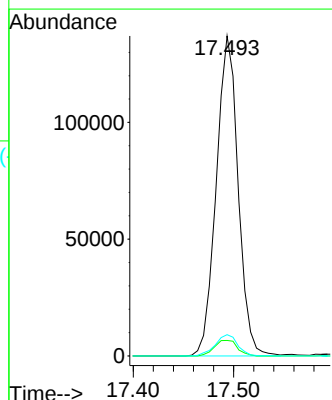
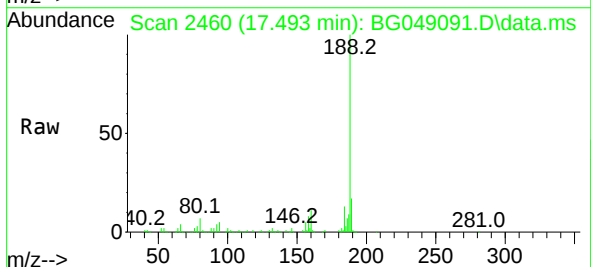
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BNA_G
ClientSampled :
PB137320BL

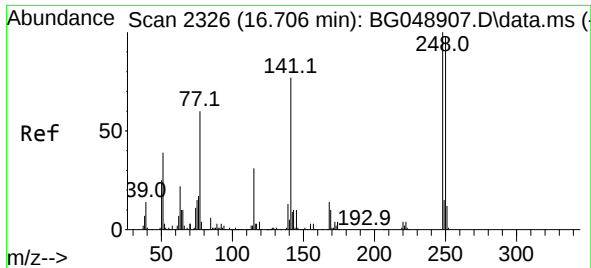
Tgt Ion:165 Resp: 11829
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

Tgt Ion:188 Resp: 207208
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.7 3.7 5.5#

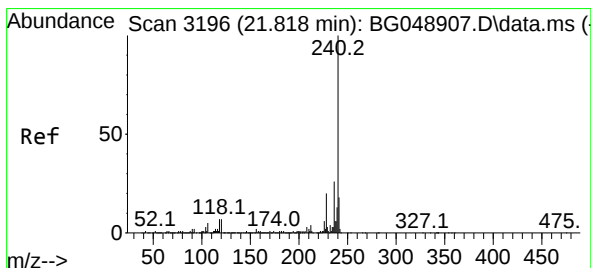
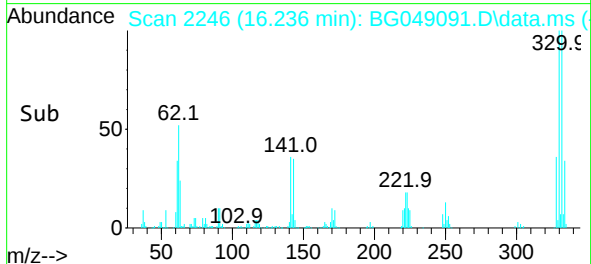
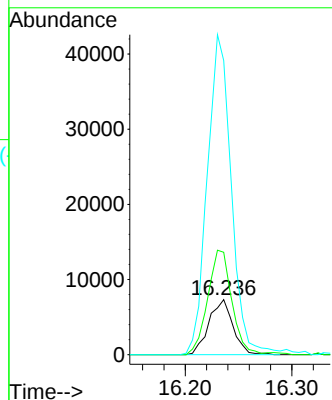
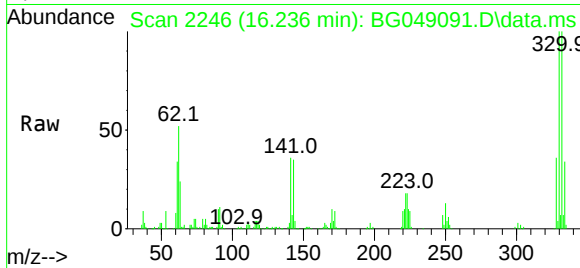




#67
4-Bromophenyl-phenylether
Concen: 4.453 ng
RT: 16.236 min Scan# 2246
Delta R.T. -0.448 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

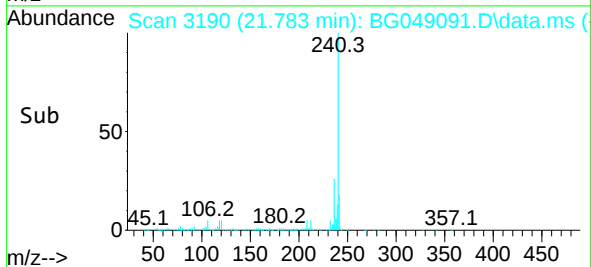
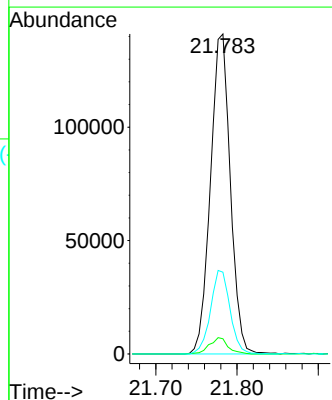
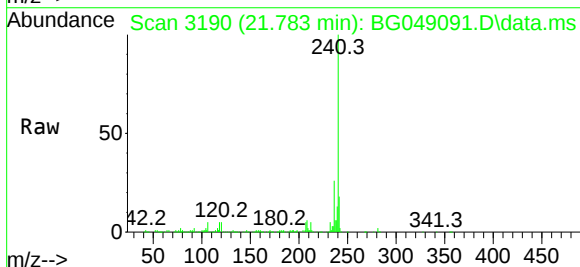
Instrument :
BNA_G
ClientSampled :
PB137320BL

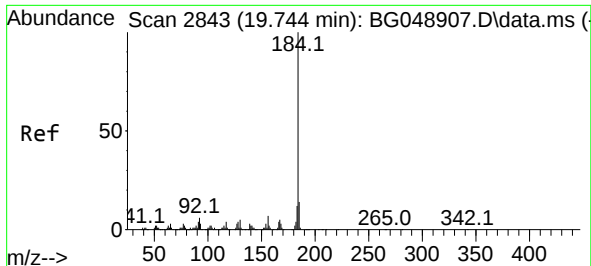
Tgt Ion:248 Resp: 11521
Ion Ratio Lower Upper
248 100
250 185.9 76.1 114.1#
141 533.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.783 min Scan# 3190
Delta R.T. -0.007 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

Tgt Ion:240 Resp: 239475
Ion Ratio Lower Upper
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120 4.7 4.2 6.2
236 25.6 21.8 32.6

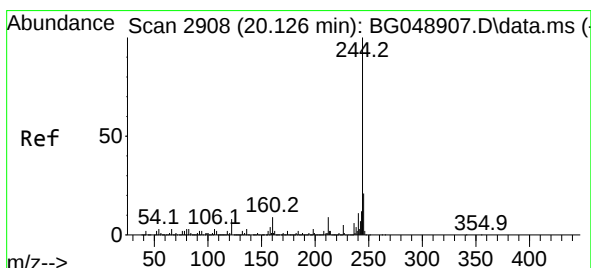
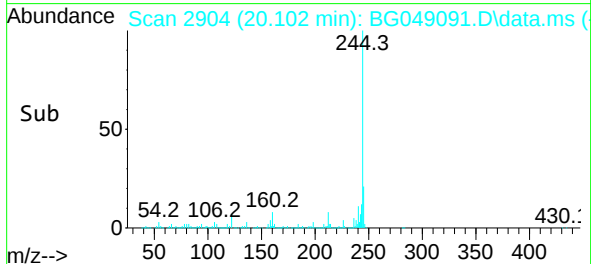
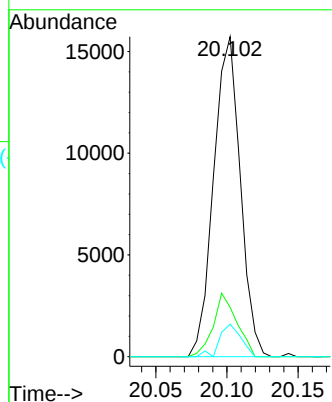
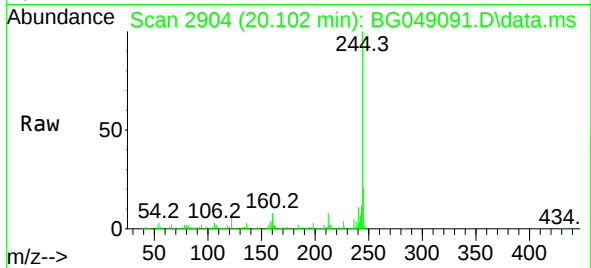




#77
Benzidine
Concen: 4.238 ng
RT: 20.102 min Scan# 2904
Delta R.T. 0.381 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

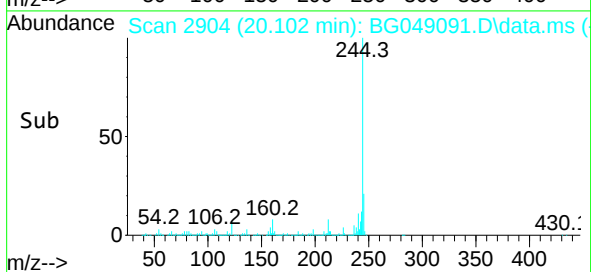
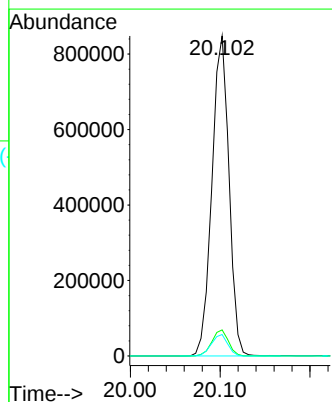
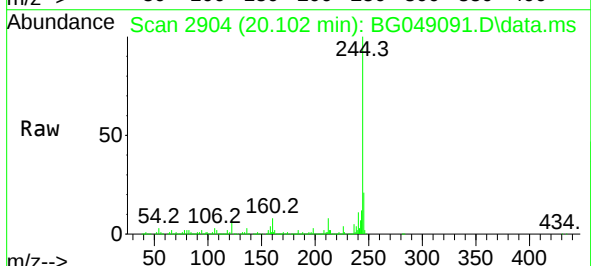
Instrument :
BNA_G
ClientSampleId :
PB137320BL

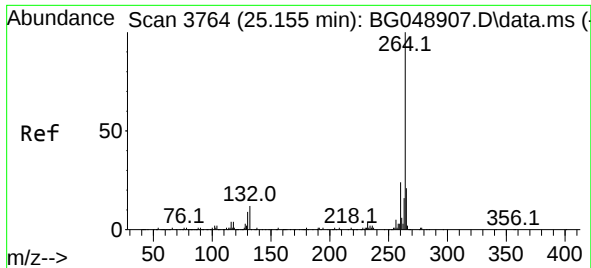
Tgt Ion:184 Resp: 20443
Ion Ratio Lower Upper
184 100
185 15.4 10.7 16.1
183 10.1 9.4 14.0



#79
Terphenyl-d14
Concen: 85.469 ng
RT: 20.102 min Scan# 2904
Delta R.T. -0.001 min
Lab File: BG049091.D
Acq: 25 Jun 2021 14:20

Tgt Ion:244 Resp: 1117589
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.7 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.102 min Scan# 3755
 Delta R.T. -0.001 min
 Lab File: BG049091.D
 Acq: 25 Jun 2021 14:20

Instrument :
 BNA_G
 ClientSampleId :
 PB137320BL

Tgt Ion:264 Resp: 246880
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.4 29.2
 265 20.6 16.9 25.3

