

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
 Data File : BG048770.D
 Acq On : 19 Apr 2021 17:35
 Operator : CG/JU
 Sample : M2070-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JGD-3150-D3550-B

Quant Time: Apr 20 05:25:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 15:59:00 2021
 Response via : Initial Calibration

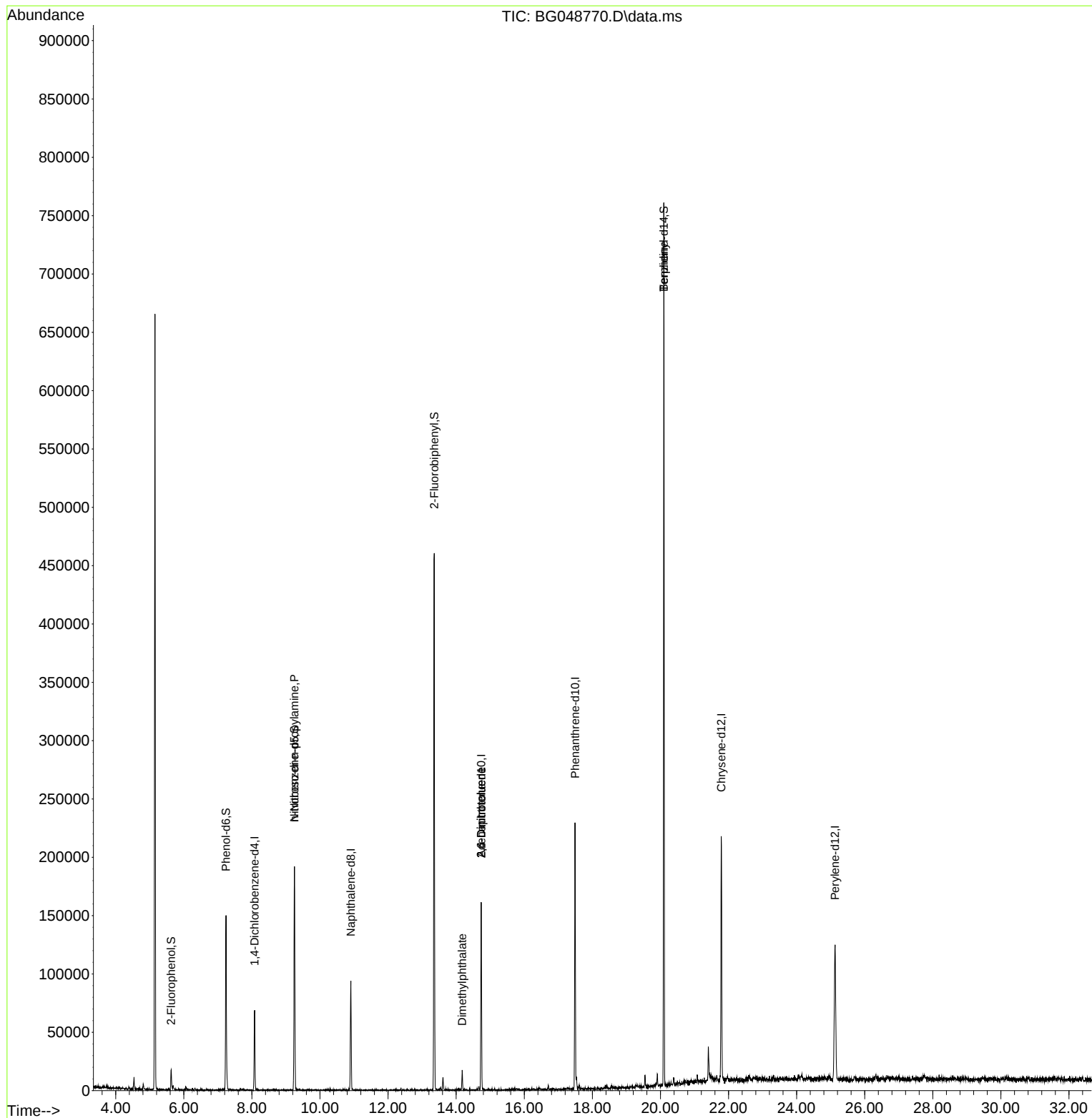
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	16588	20.00	ng	0.00
21) Naphthalene-d8	10.906	136	73700	20.00	ng	0.00
39) Acenaphthene-d10	14.736	164	55280	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	135255	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	129207	20.00	ng	-0.01
86) Perylene-d12	25.130	264	123987	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	7419	7.48	ng	0.00
7) Phenol-d6	7.239	99	69201	49.33	ng	0.00
23) Nitrobenzene-d5	9.249	82	106079	64.44	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.356	172	223518	58.39	ng	0.00
79) Terphenyl-d14	20.101	244	333222	44.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.249	70	17469	18.46	ng	# 82
50) Dimethylphthalate	14.178	163	9659	2.33	ng	# 85
51) 2,6-Dinitrotoluene	14.736	165	6831	7.14	ng	# 10
57) 2,4-Dinitrotoluene	14.736	165	6831	4.92	ng	# 15
77) Benzidine	20.101	184	7035	2.00	ng	96

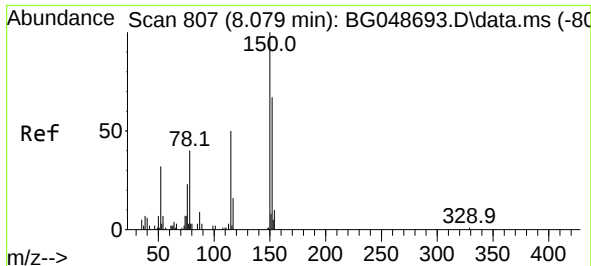
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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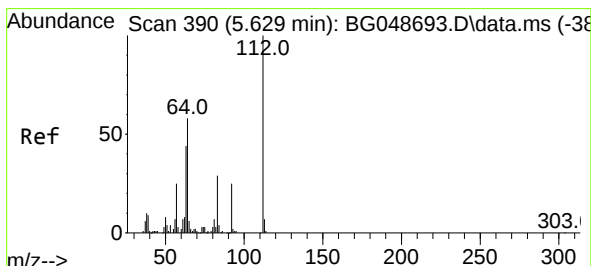
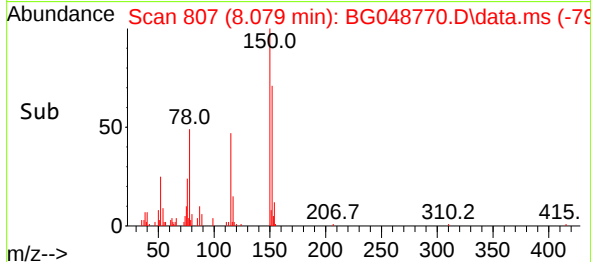
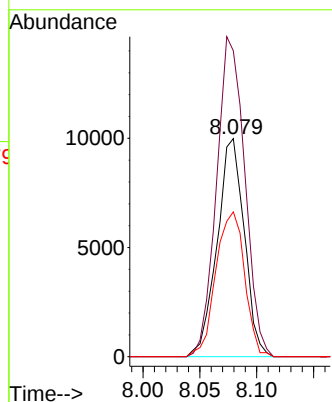
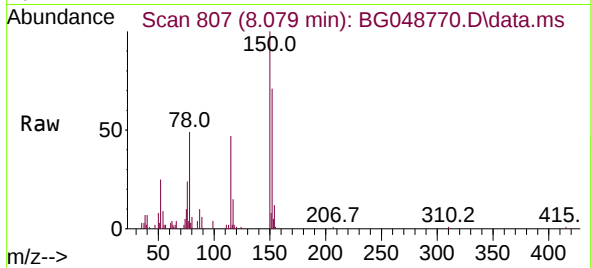




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

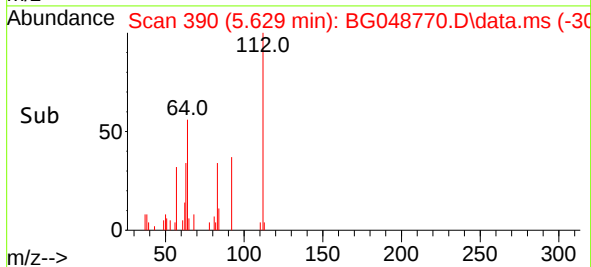
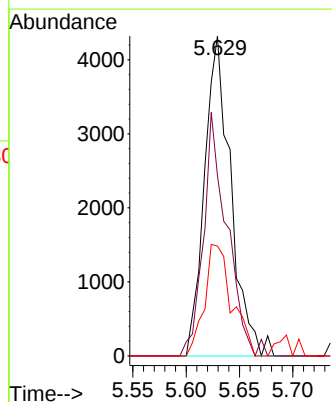
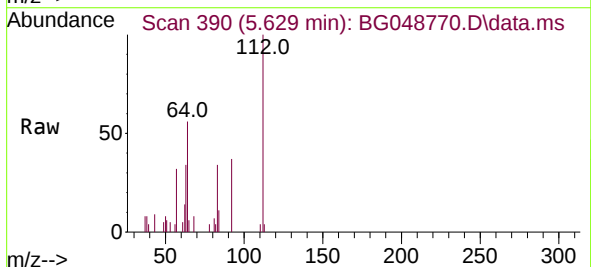
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

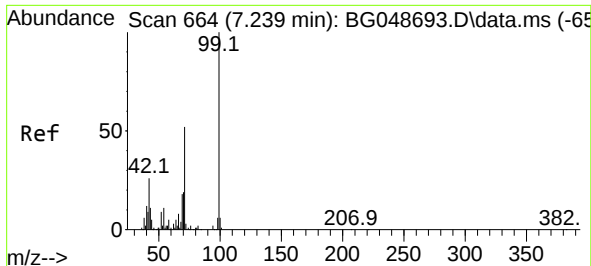
Tgt Ion:152 Resp: 16588
Ion Ratio Lower Upper
152 100
150 140.3 119.4 179.0
115 66.4 60.2 90.4



#5
2-Fluorophenol
Concen: 7.48 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Tgt Ion:112 Resp: 7419
Ion Ratio Lower Upper
112 100
64 56.3 46.7 70.1
63 34.3 35.3 52.9#

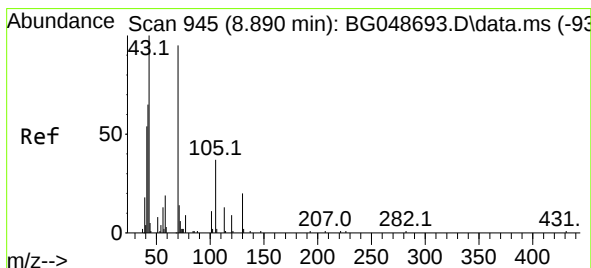
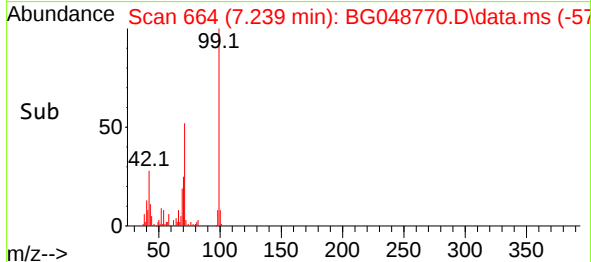
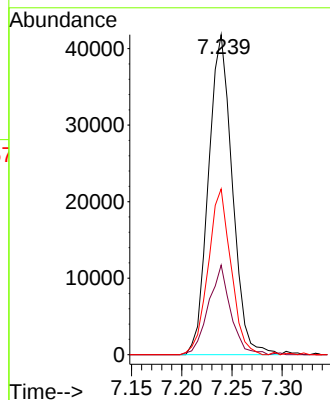
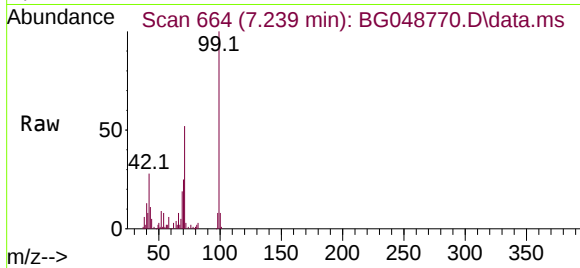




#7
Phenol-d6
Concen: 49.33 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

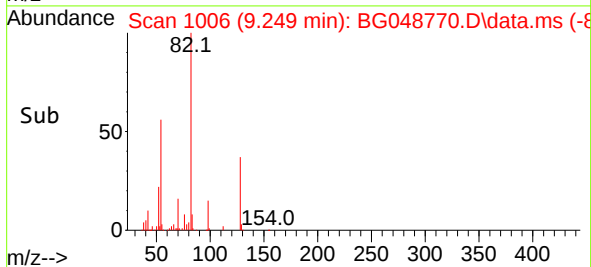
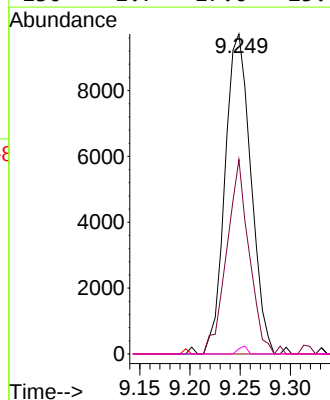
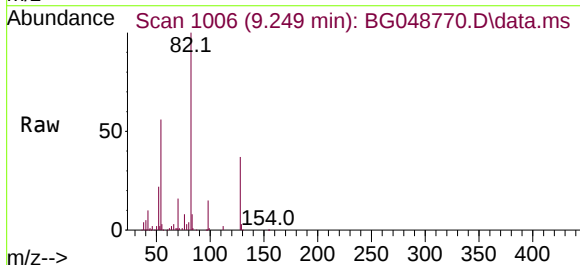
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

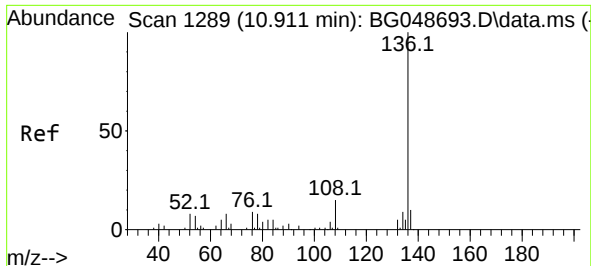
Tgt Ion:	99	Resp:	69201
Ion	Ratio	Lower	Upper
99	100		
42	28.0	20.5	30.7
71	51.8	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.46 ng
RT: 9.249 min Scan# 1006
Delta R.T. 0.358 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Tgt Ion:	70	Resp:	17469
Ion	Ratio	Lower	Upper
70	100		
42	60.7	54.5	81.7
101	0.0	9.0	13.6#
130	1.7	17.0	25.6#

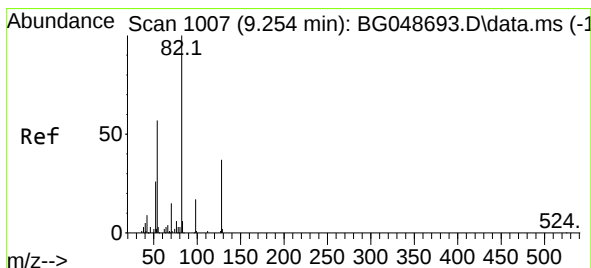
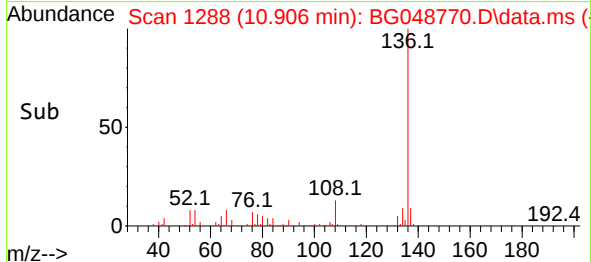
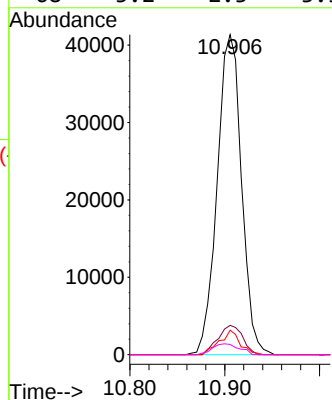
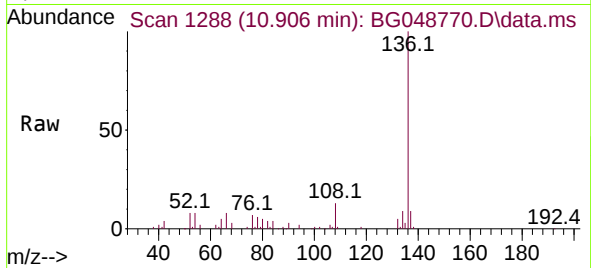




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

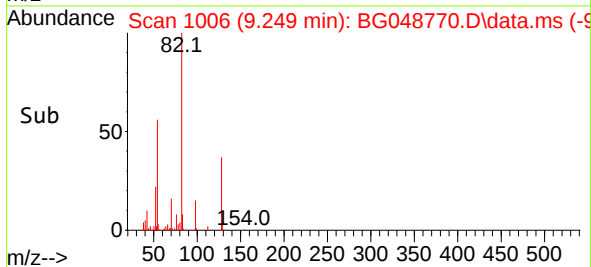
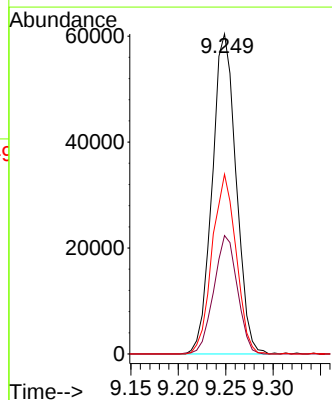
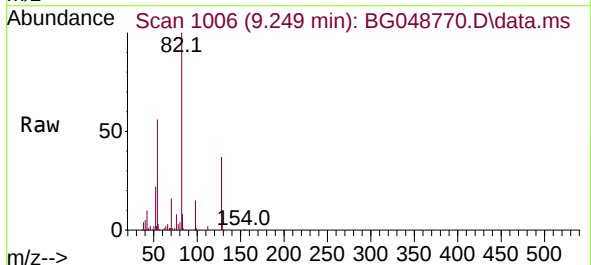
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

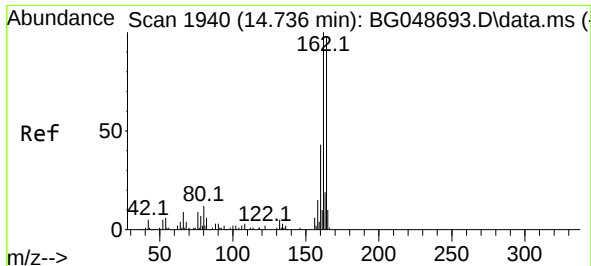
Tgt Ion:136	Resp:	73700
Ion Ratio	Lower	Upper
136	100	
137	9.2	8.2 12.2
54	7.6	5.5 8.3
68	3.2	2.3 3.5



#23
Nitrobenzene-d5
Concen: 64.44 ng
RT: 9.249 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 82	Resp:	106079
Ion Ratio	Lower	Upper
82	100	
128	37.0	29.8 44.6
54	56.1	45.8 68.8

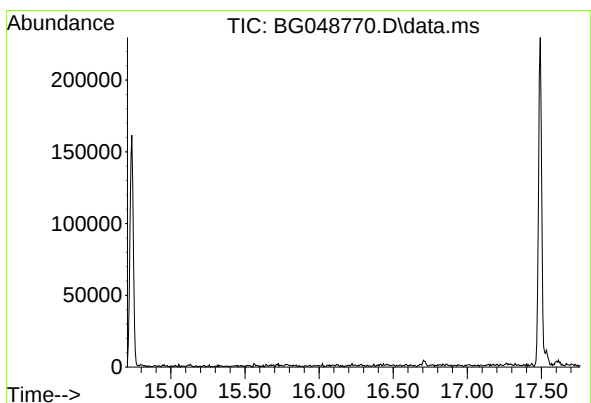
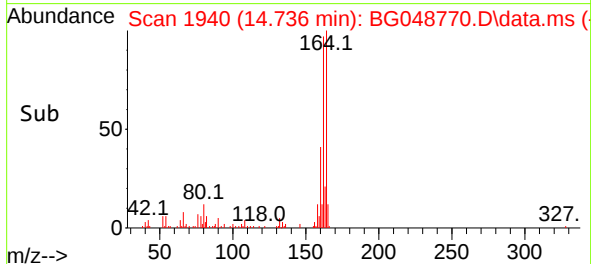
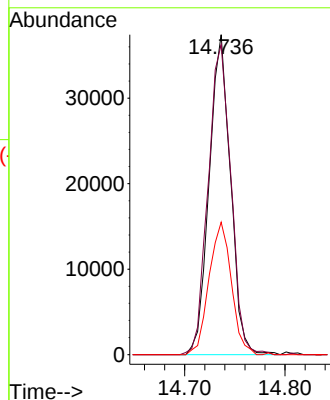
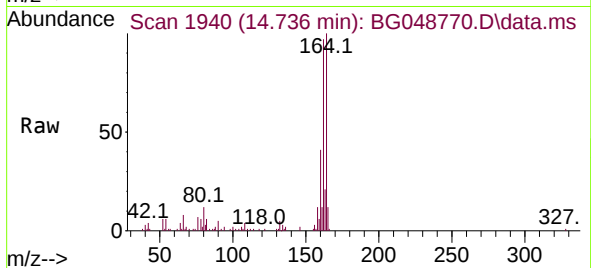




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Instrument :
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ClientSampleId :
JGD-3150-D3550-B

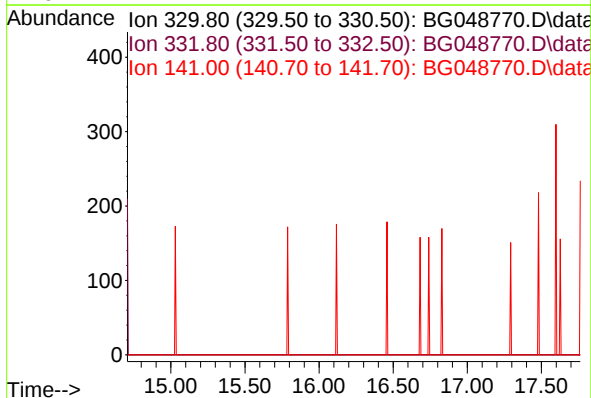
Tgt Ion:164 Resp: 55280
Ion Ratio Lower Upper
164 100
162 96.9 81.4 122.0
160 41.4 34.9 52.3

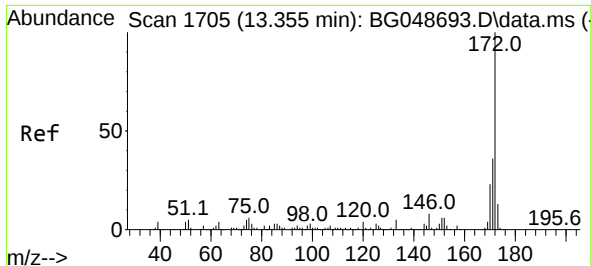


#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.24 min

Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.6
141 44.5

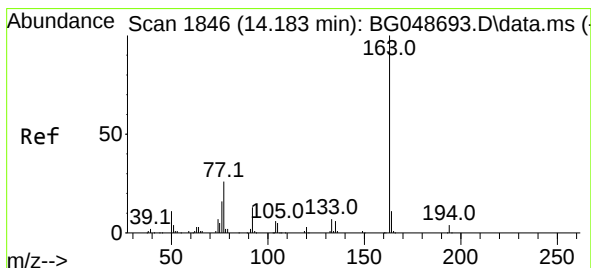
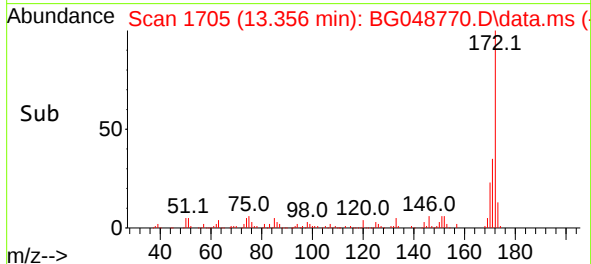
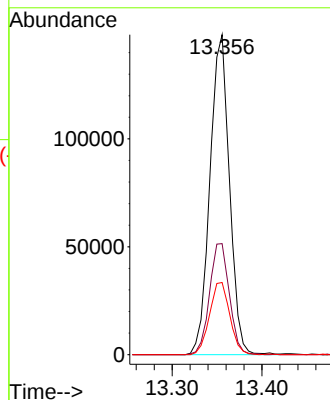
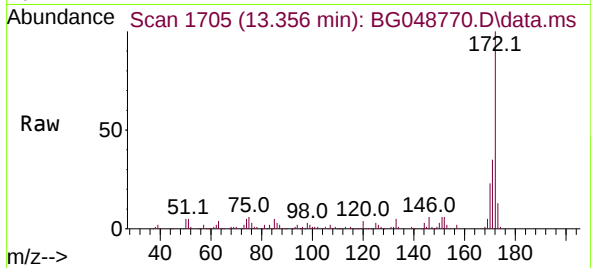




#45
2-Fluorobiphenyl
Concen: 58.39 ng
RT: 13.356 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

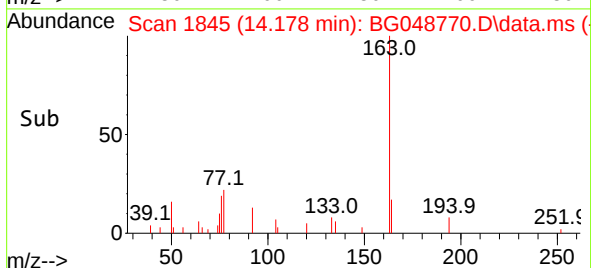
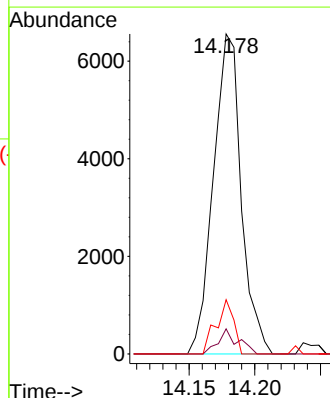
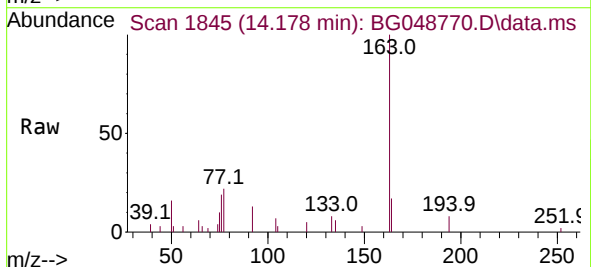
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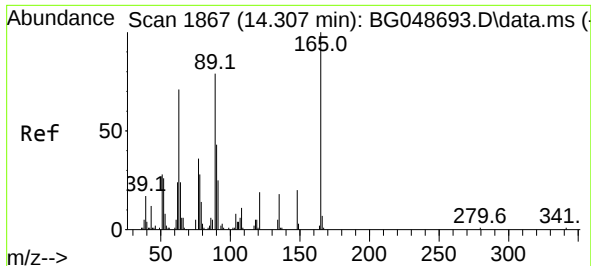
Tgt Ion:172 Resp: 223518
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 22.6 18.6 27.8



#50
Dimethylphthalate
Concen: 2.33 ng
RT: 14.178 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Tgt Ion:163 Resp: 9659
Ion Ratio Lower Upper
163 100
194 7.9 3.0 4.6#
164 17.0 8.6 12.8#

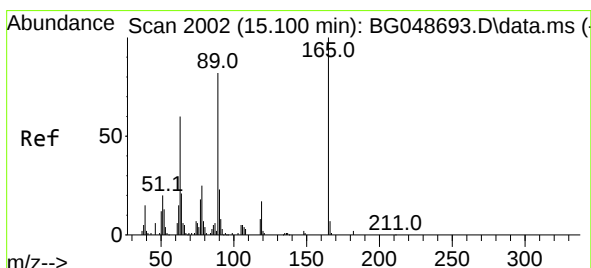
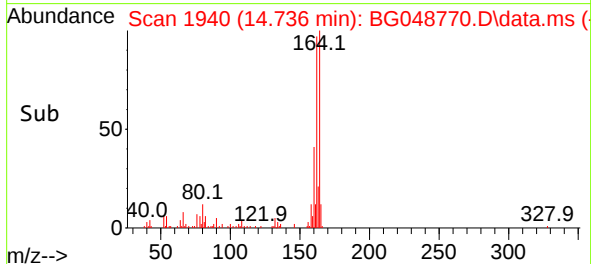
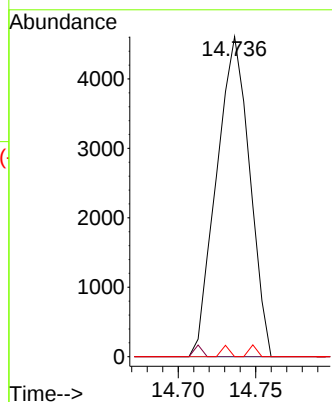
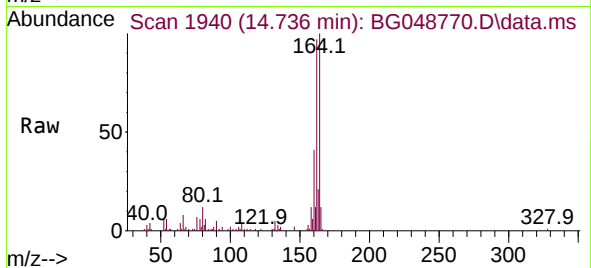




#51
2,6-Dinitrotoluene
Concen: 7.14 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.423 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

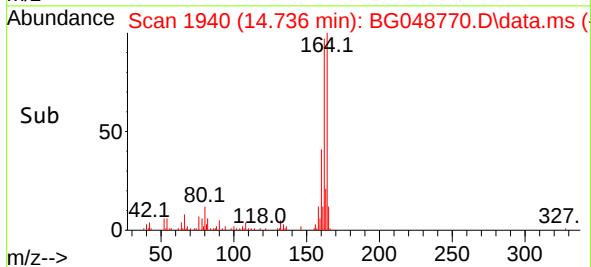
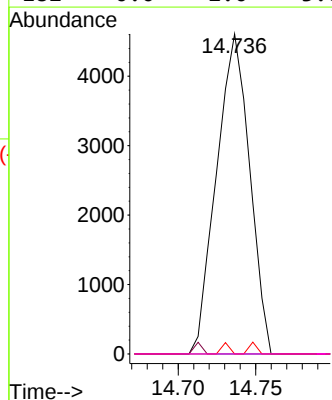
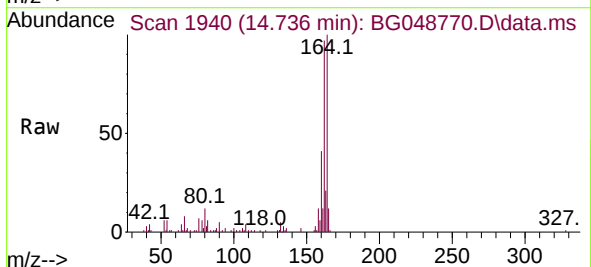
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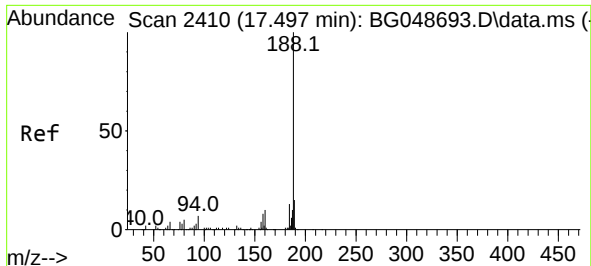
Tgt Ion:165 Resp: 6831
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 4.92 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Tgt Ion:165 Resp: 6831
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#

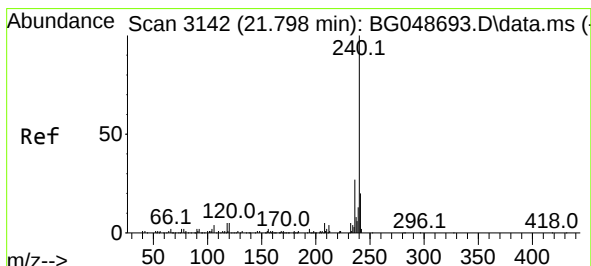
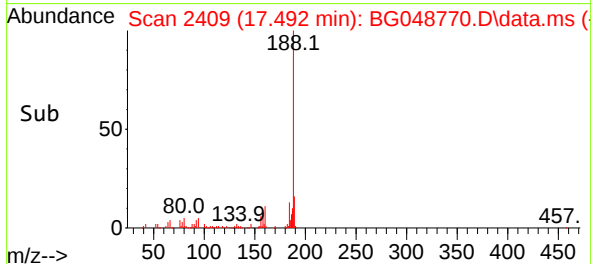
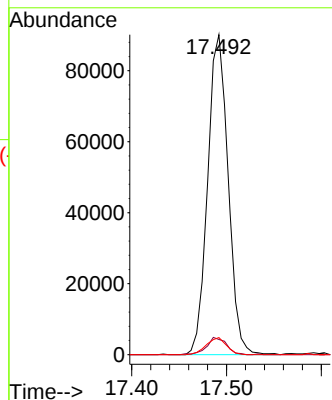
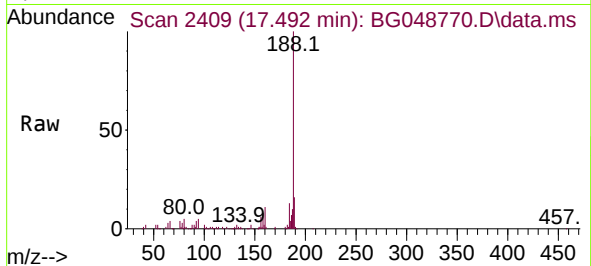




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

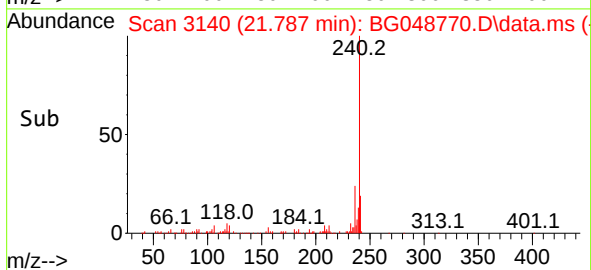
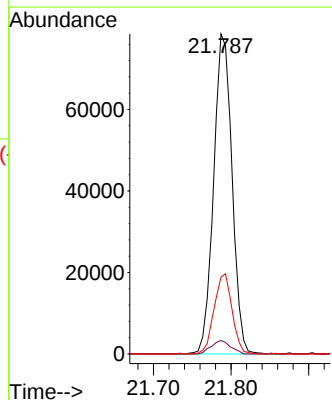
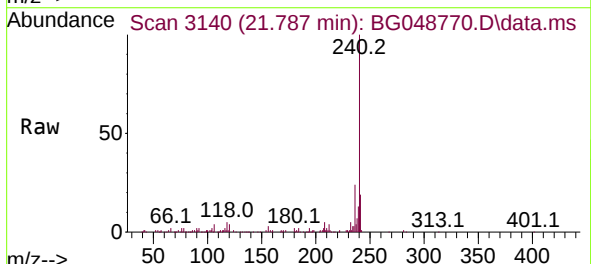
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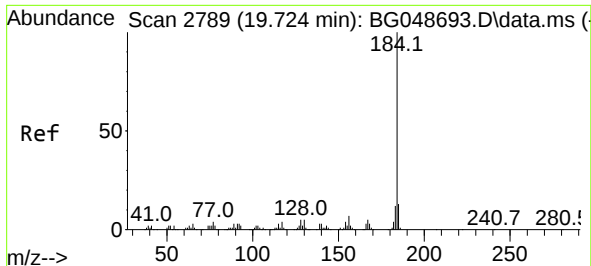
Tgt Ion:188 Resp: 135255
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 6.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.787 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Tgt Ion:240 Resp: 129207
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 24.0 21.8 32.6

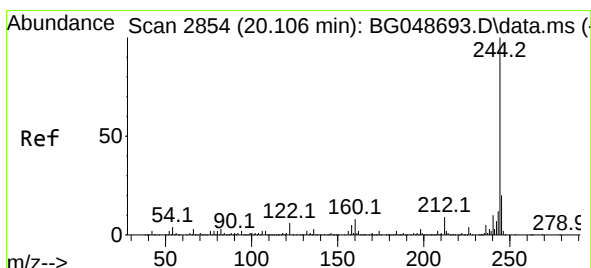
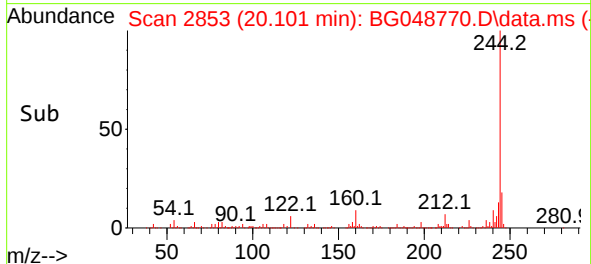
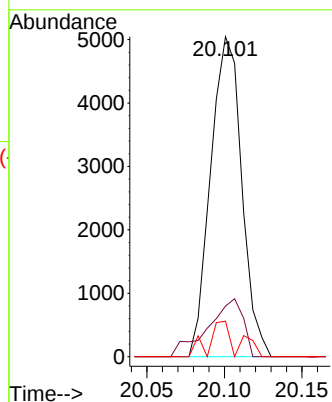
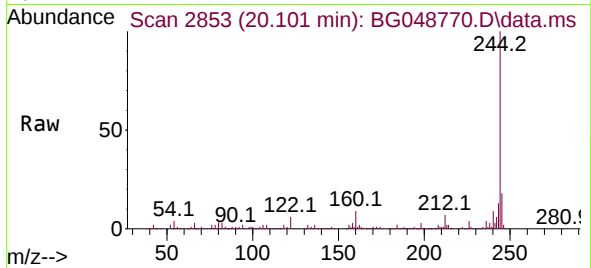




#77
Benzidine
Concen: 2.00 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.370 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

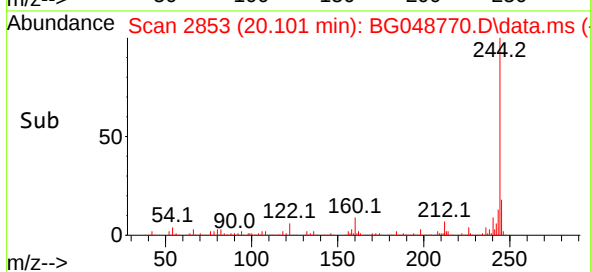
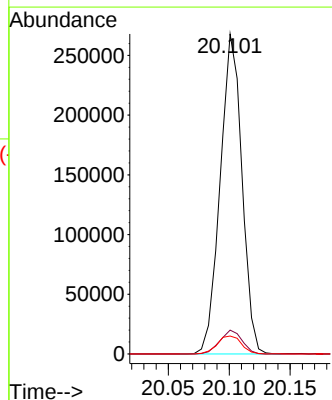
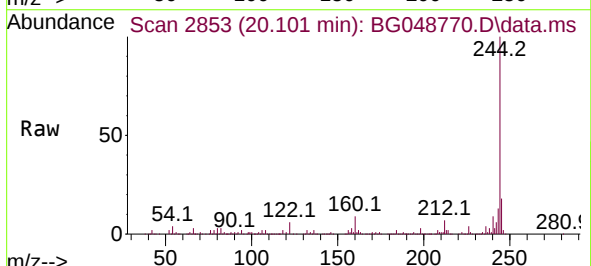
Instrument :
BNA_G
ClientSampleId :
JGD-3150-D3550-B

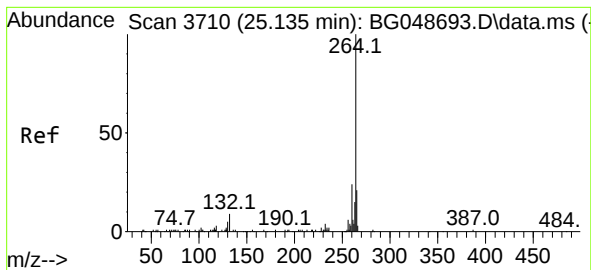
Tgt Ion:184 Resp: 7035
Ion Ratio Lower Upper
184 100
185 15.8 10.7 16.1
183 11.1 9.4 14.0



#79
Terphenyl-d14
Concen: 44.39 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048770.D
Acq: 19 Apr 2021 17:35

Tgt Ion:244 Resp: 333222
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 5.6 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.130 min Scan# 3709
 Delta R.T. -0.012 min
 Lab File: BG048770.D
 Acq: 19 Apr 2021 17:35

Instrument :
 BNA_G
 ClientSampleId :
 JGD-3150-D3550-B

Tgt Ion:264 Resp: 123987
 Ion Ratio Lower Upper
 264 100
 260 20.0 19.4 29.2
 265 19.3 16.9 25.3

