

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046846.D
 Acq On : 12 Oct 2020 14:22
 Operator : CG/JU
 Sample : L4291-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B4-100620-0-10

Quant Time: Oct 12 16:30:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 11:38:17 2020
 Response via : Initial Calibration

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

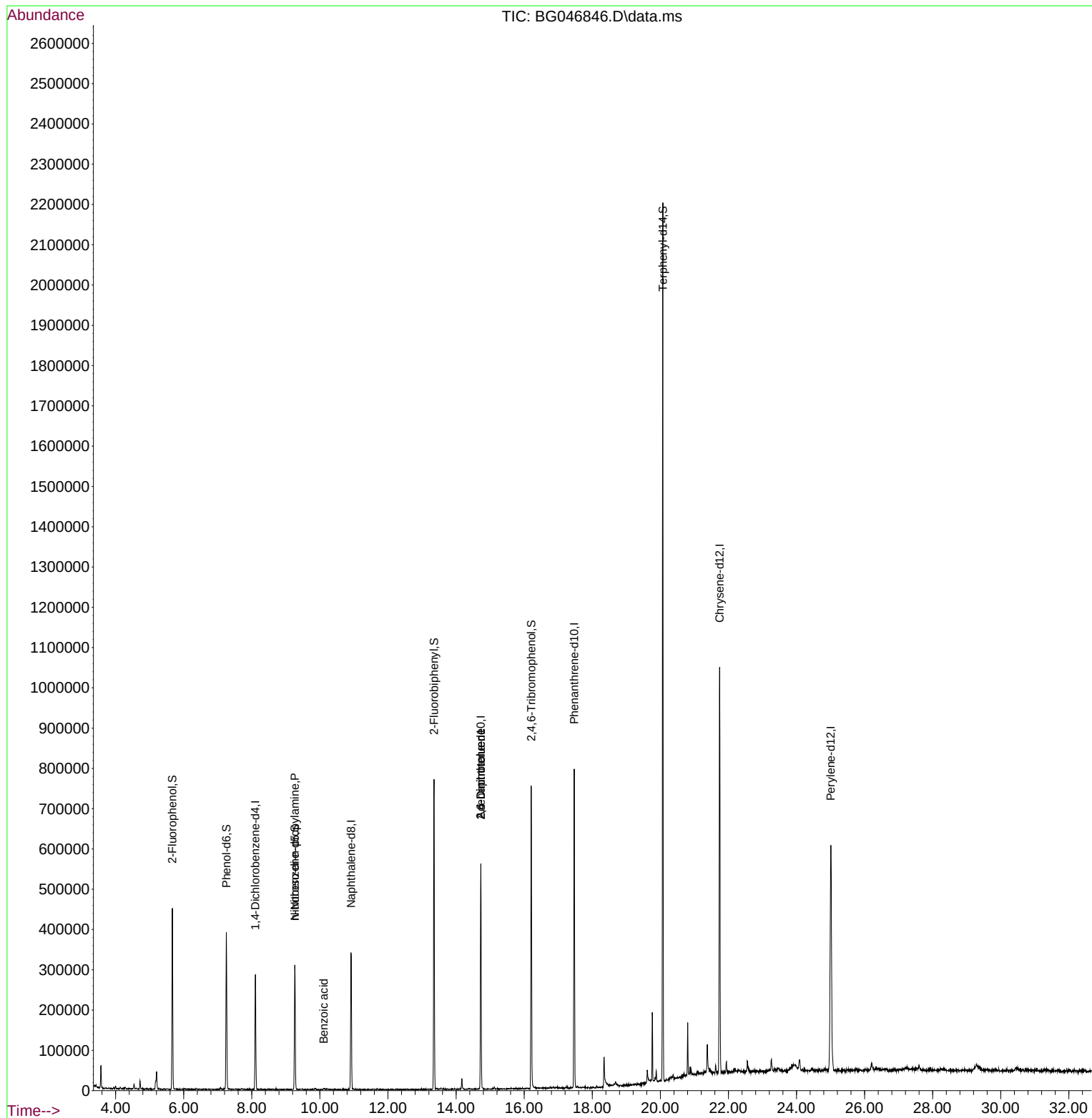
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	79676	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	284525	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	198767	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	507337	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	656197	20.00	ng	#-0.01
86) Perylene-d12	25.009	264	629050	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	184128	37.02	ng	0.00
7) Phenol-d6	7.253	99	211047	30.08	ng	0.00
23) Nitrobenzene-d5	9.263	82	185454	34.68	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	147878	56.42	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	406800	28.97	ng	0.00
79) Terphenyl-d14	20.074	244	988294	30.19	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.236	77	152	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.263	70	26992	5.61	ng	# 80
32) Benzoic acid	10.115	122	509	6.49	ng	92
51) 2,6-Dinitrotoluene	14.727	165	26195	10.15	ng	# 34
57) 2,4-Dinitrotoluene	14.727	165	26195	7.67	ng	# 32

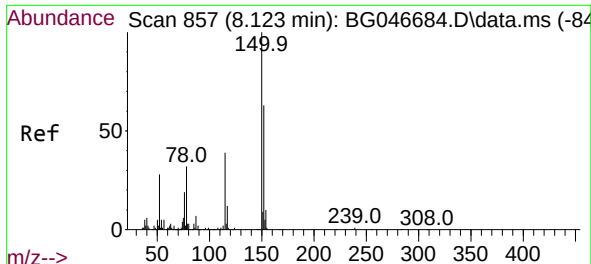
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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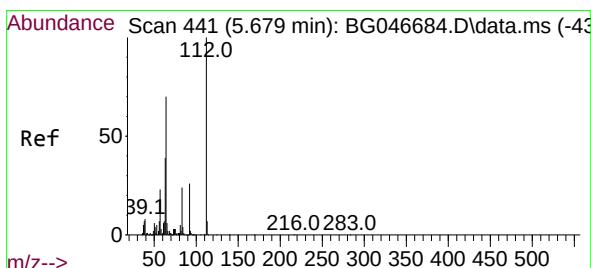
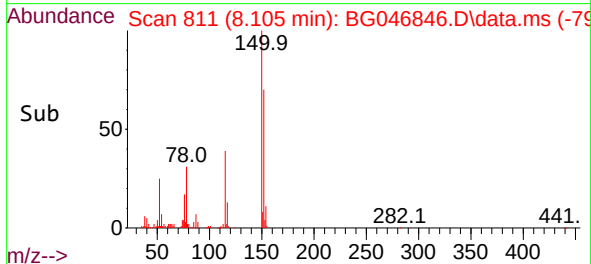
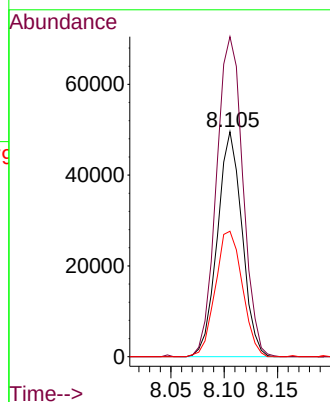
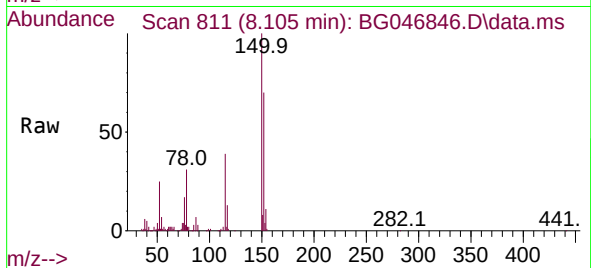




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

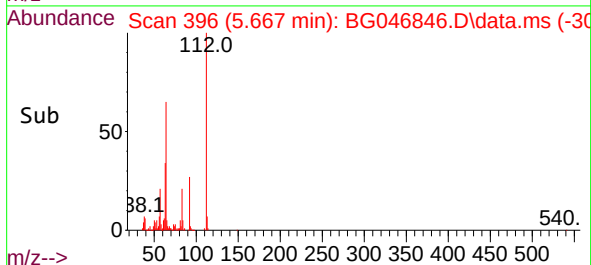
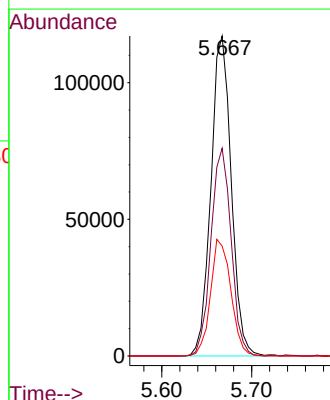
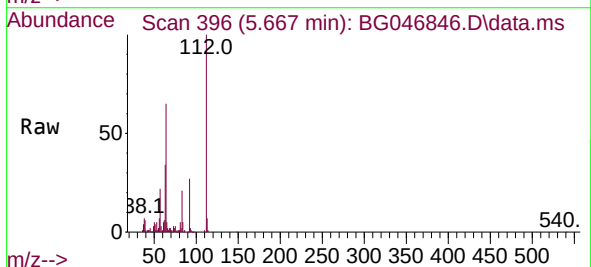
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

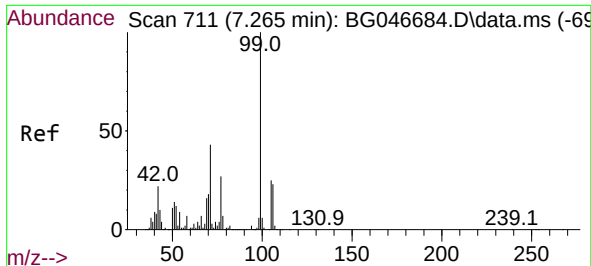
Tgt Ion:152 Resp: 79676
Ion Ratio Lower Upper
152 100
150 142.2 125.0 187.6
115 55.8 41.8 62.6



#5
2-Fluorophenol
Concen: 37.02 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Tgt Ion:112 Resp: 184128
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 34.3 22.8 34.2#

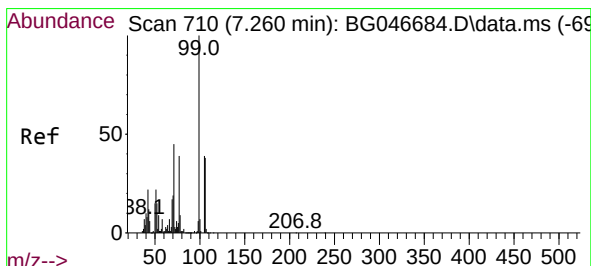
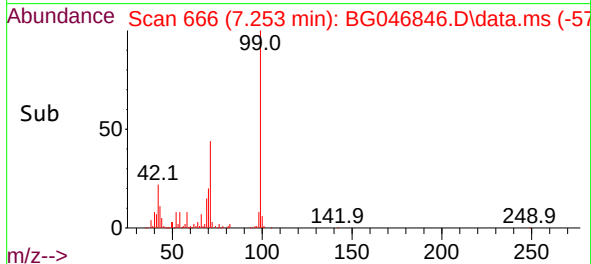
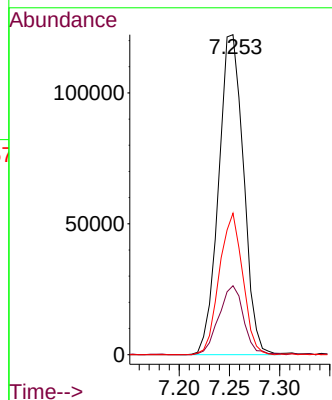
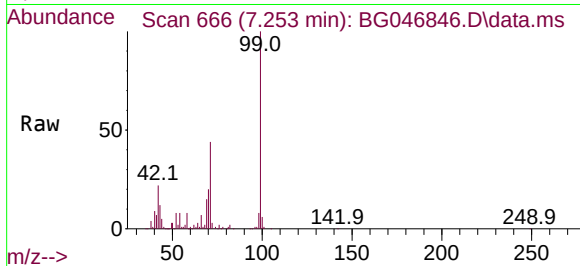




#7
Phenol-d6
Concen: 30.08 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

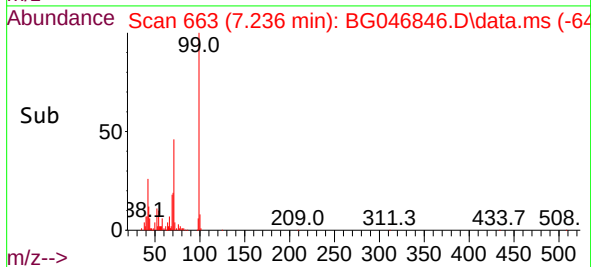
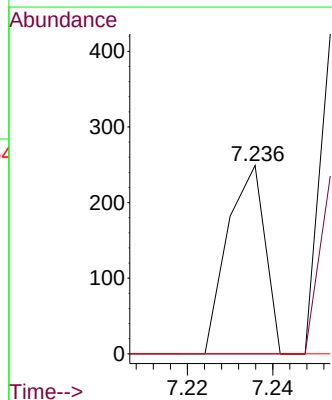
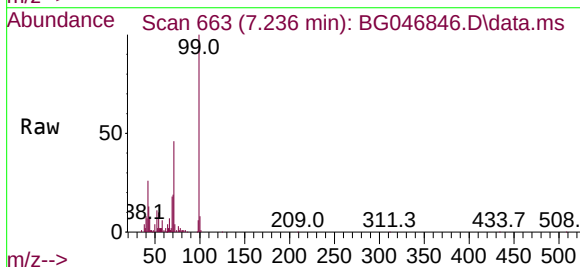
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

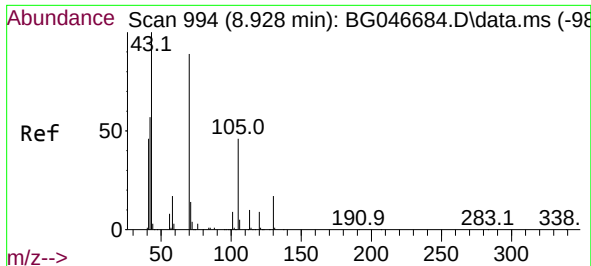
Tgt Ion: 99 Resp: 211047
Ion Ratio Lower Upper
99 100
42 21.6 12.8 19.2#
71 44.2 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.236 min Scan# 663
Delta R.T. -0.008 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Tgt Ion: 77 Resp: 152
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

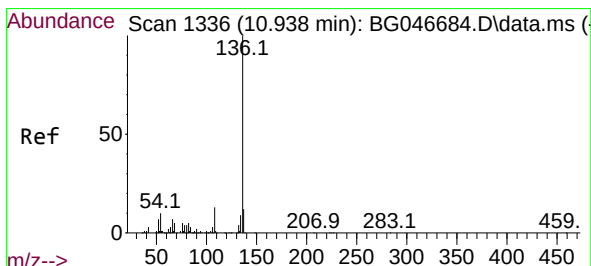
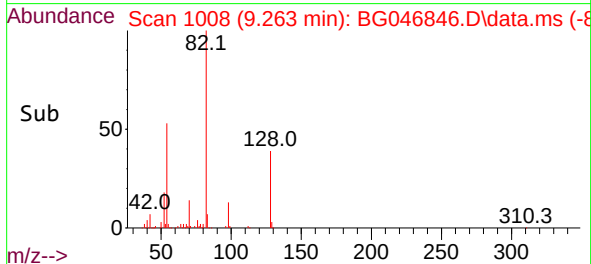
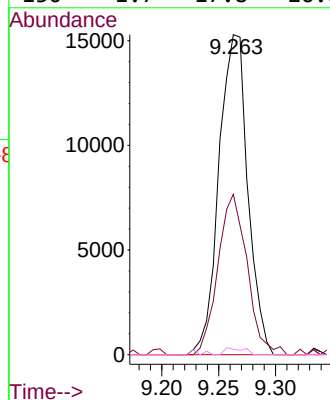
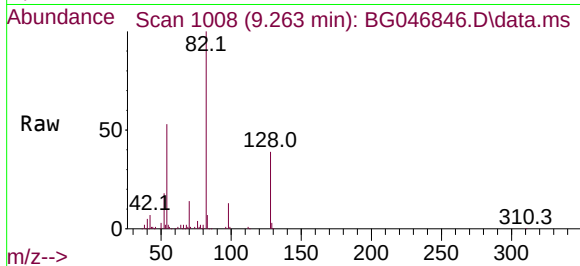




#19
n-Nitroso-di-n-propylamine
Concen: 5.61 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.350 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

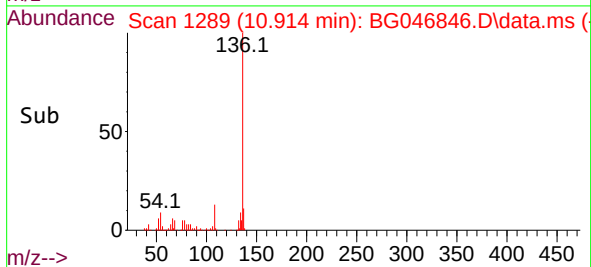
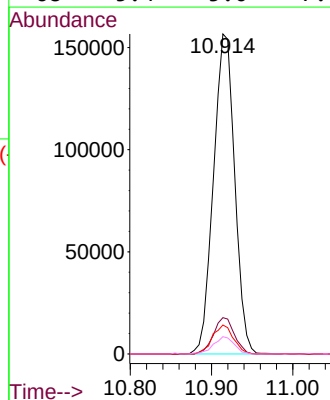
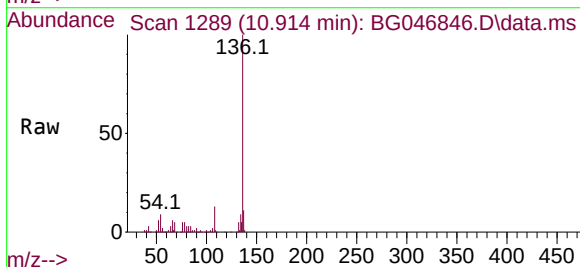
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

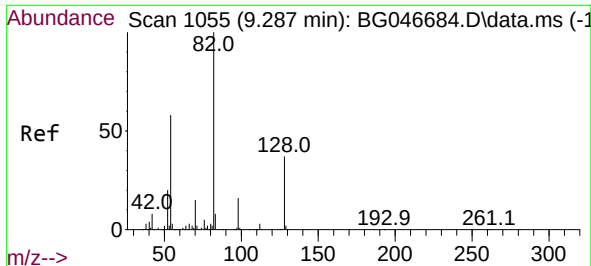
Tgt Ion:	70	Resp:	26992
Ion	Ratio	Lower	Upper
70	100		
42	50.2	45.6	68.4
101	0.0	8.4	12.6#
130	1.7	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Tgt Ion:	136	Resp:	284525
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	6.2	9.4
68	5.4	5.0	7.4

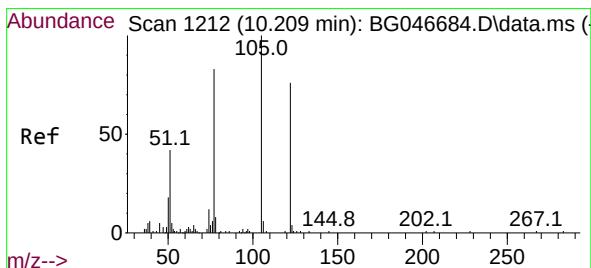
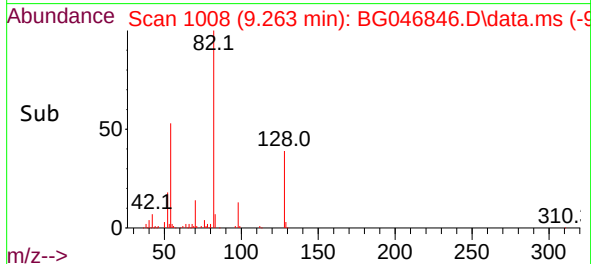
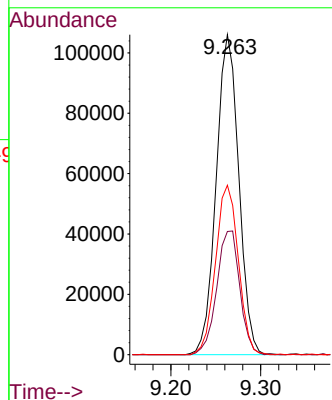
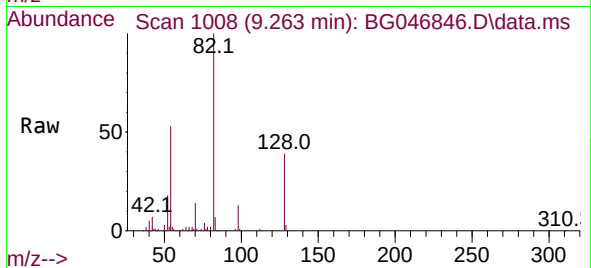




#23
Nitrobenzene-d5
Concen: 34.68 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

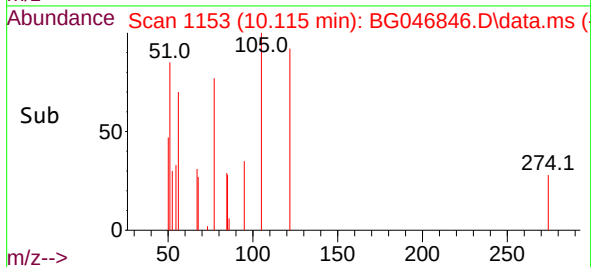
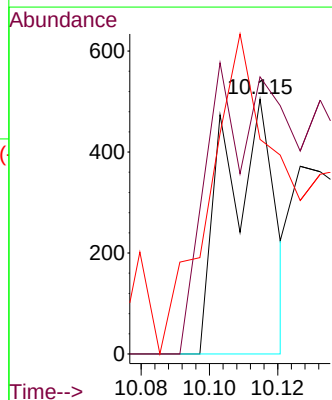
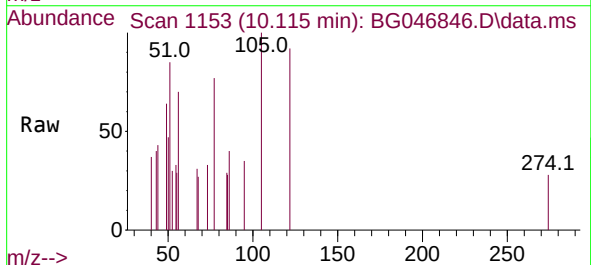
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

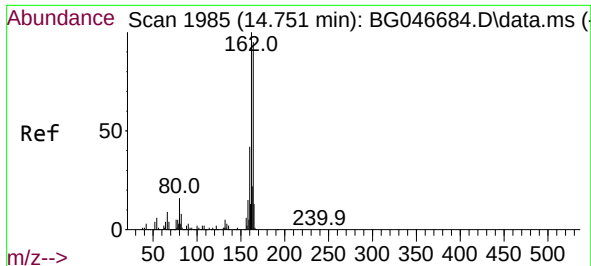
Tgt Ion: 82 Resp: 185454
Ion Ratio Lower Upper
82 100
128 38.5 37.0 55.6
54 53.0 39.0 58.4



#32
Benzoic acid
Concen: 6.49 ng
RT: 10.115 min Scan# 1153
Delta R.T. -0.079 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Tgt Ion:122 Resp: 509
Ion Ratio Lower Upper
122 100
105 108.7 103.7 143.7
77 84.2 63.0 103.0

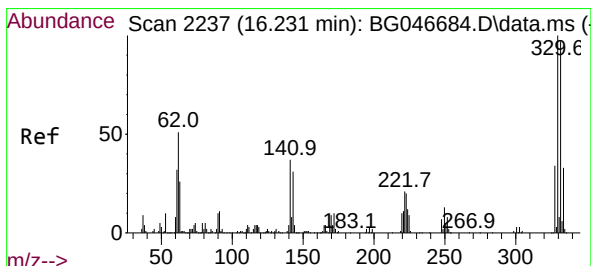
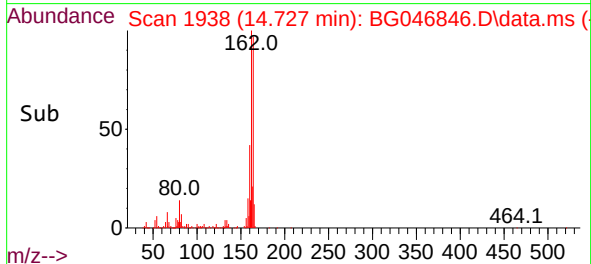
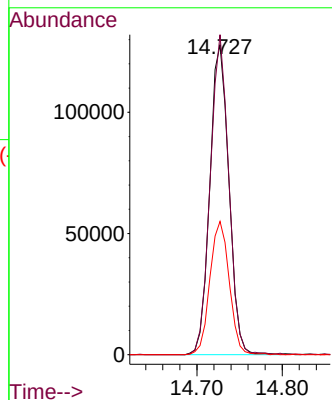
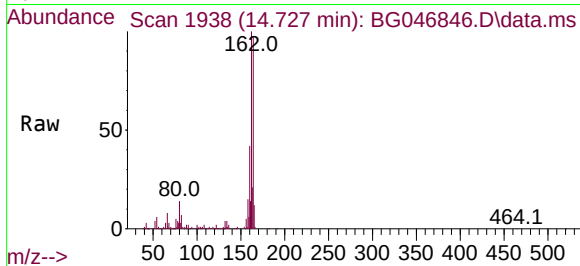




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

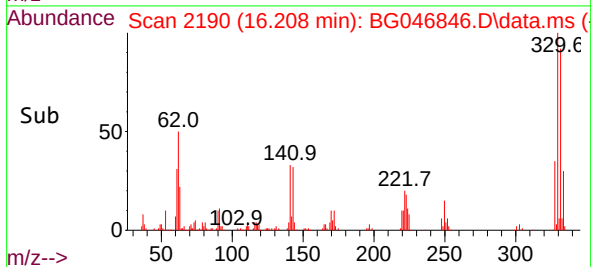
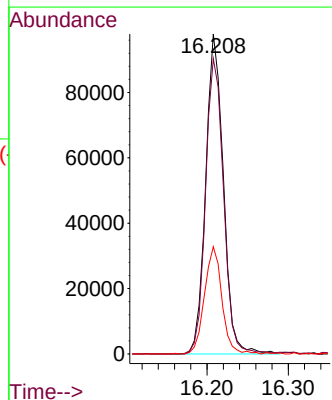
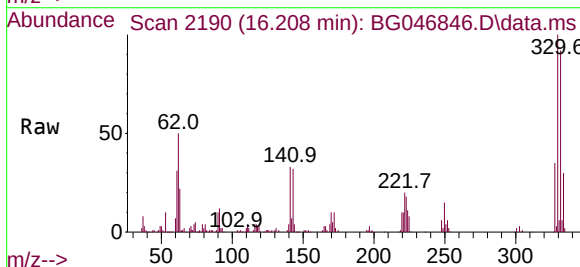
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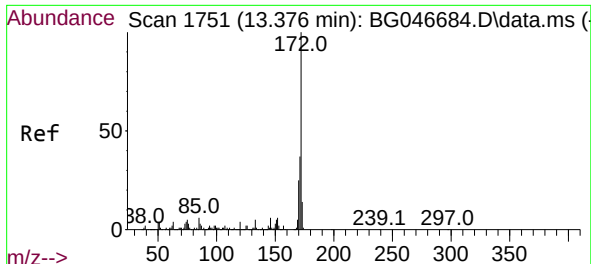
Tgt Ion:164 Resp: 198767
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 43.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 56.42 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Tgt Ion:330 Resp: 147878
Ion Ratio Lower Upper
330 100
332 94.1 76.5 114.7
141 33.0 26.0 39.0

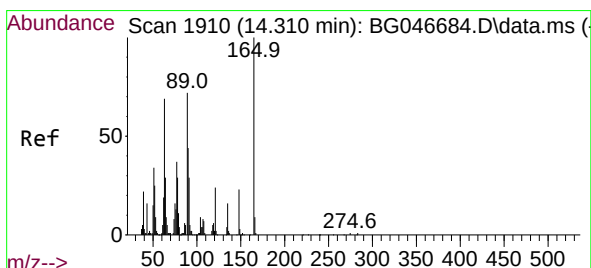
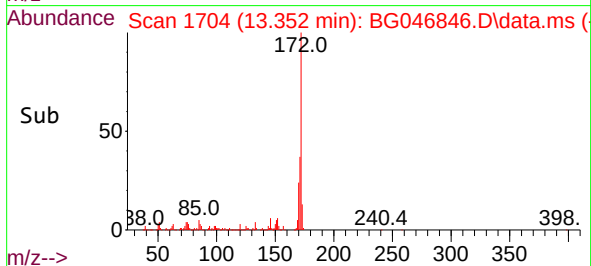
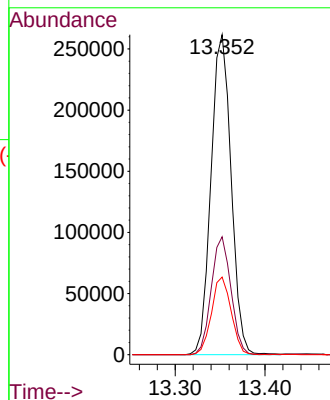
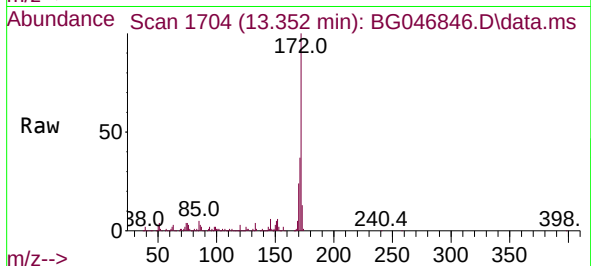




#45
2-Fluorobiphenyl
Concen: 28.97 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

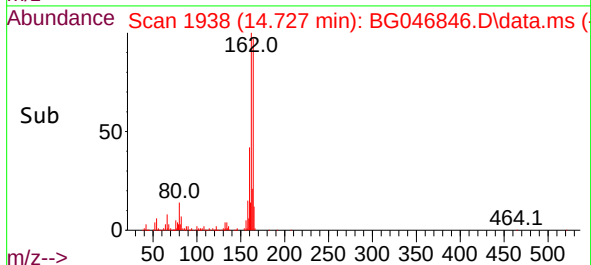
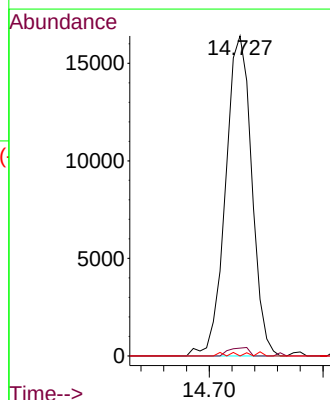
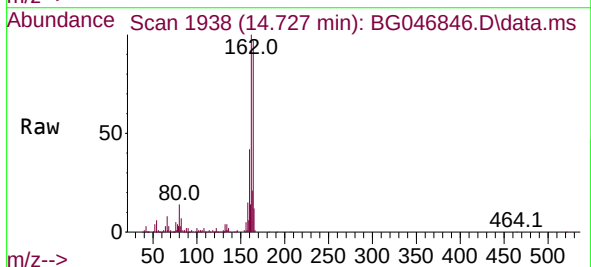
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PAV-B4-100620-0-10

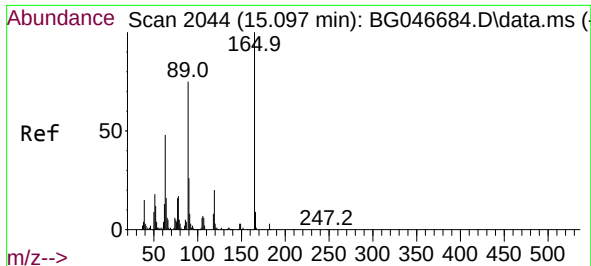
Tgt Ion:172 Resp: 406800
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.3 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 10.15 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.426 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Tgt Ion:165 Resp: 26195
Ion Ratio Lower Upper
165 100
63 2.5 33.7 50.5#
89 0.0 36.6 54.8#

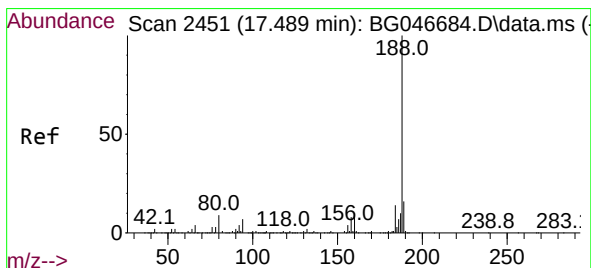
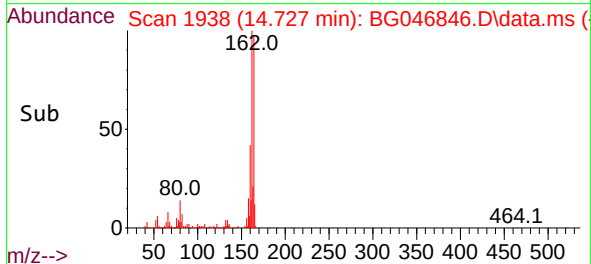
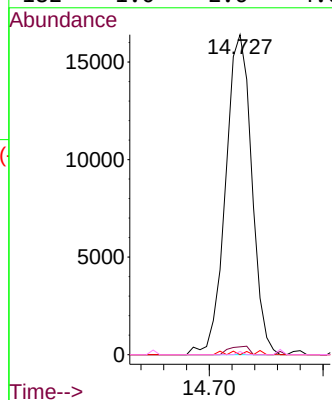
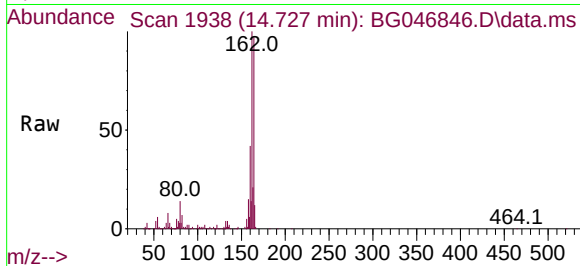




#57
2,4-Dinitrotoluene
Concen: 7.67 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

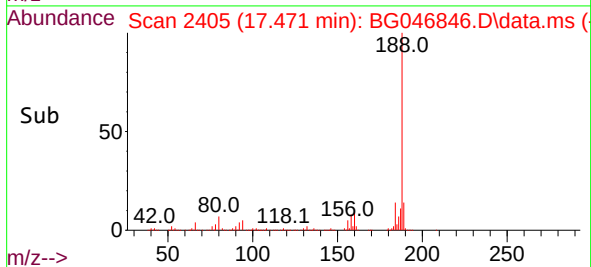
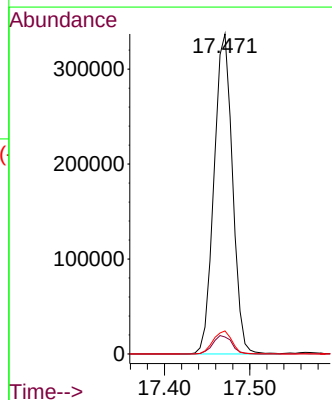
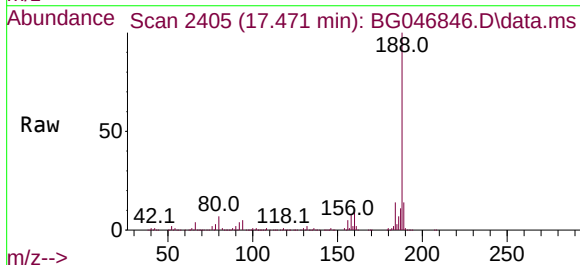
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

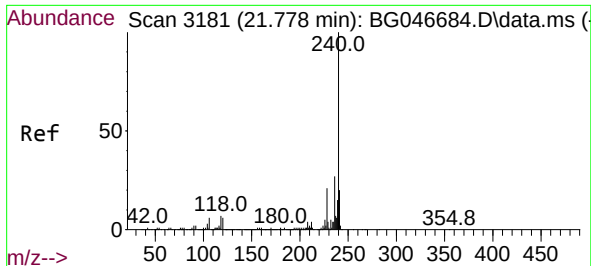
Tgt Ion:	165	Resp:	26195
Ion Ratio	Lower	Upper	
165	100		
63	2.5	26.4	39.6#
89	0.0	47.8	71.8#
182	1.0	2.6	4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Tgt Ion:	188	Resp:	507337
Ion Ratio	Lower	Upper	
188	100		
94	5.3	6.3	9.5#
80	7.2	7.0	10.6

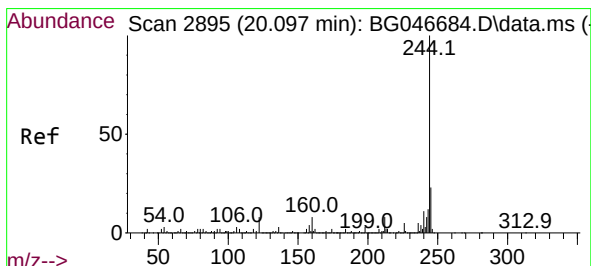
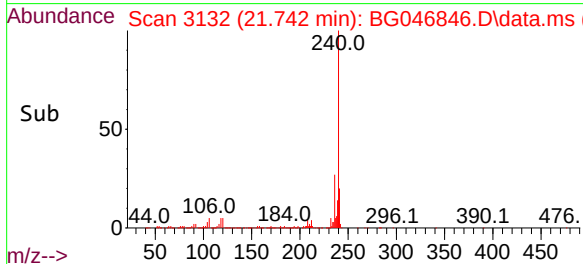
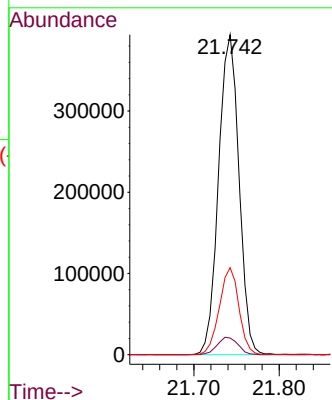
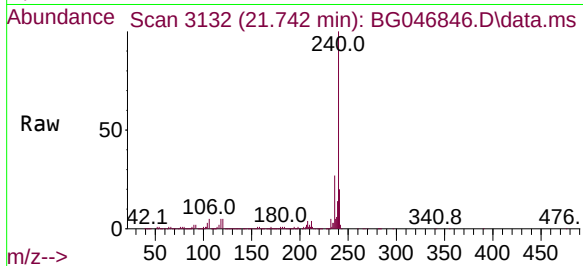




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

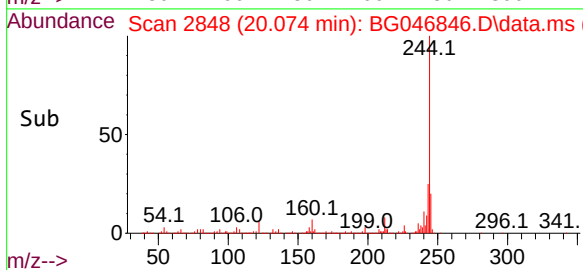
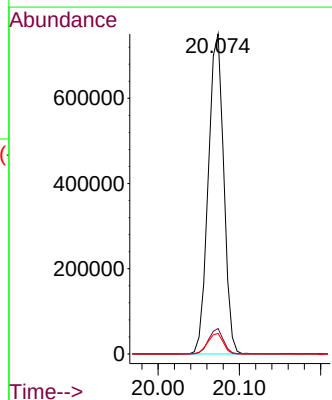
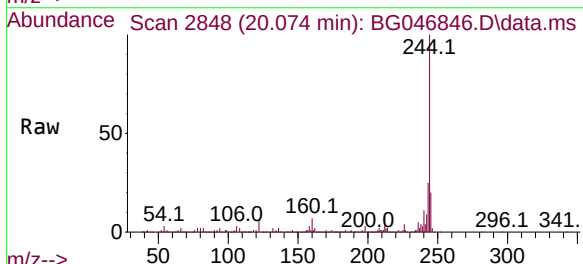
Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

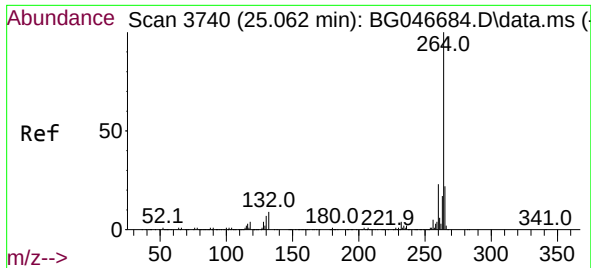
Tgt Ion:240 Resp: 656197
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 27.2 20.5 30.7



#79
Terphenyl-d14
Concen: 30.19 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.008 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Tgt Ion:244 Resp: 988294
Ion Ratio Lower Upper
244 100
212 8.0 6.7 10.1
122 6.4 7.8 11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.009 min Scan# 3688
Delta R.T. -0.020 min
Lab File: BG046846.D
Acq: 12 Oct 2020 14:22

Instrument :
BNA_G
ClientSampleId :
PAV-B4-100620-0-10

Tgt Ion:264 Resp: 629050
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 22.3 17.8 26.8

