

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
 Data File : BG046849.D
 Acq On : 12 Oct 2020 16:22
 Operator : CG/JU
 Sample : L4337-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Oct 12 17:20:45 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)

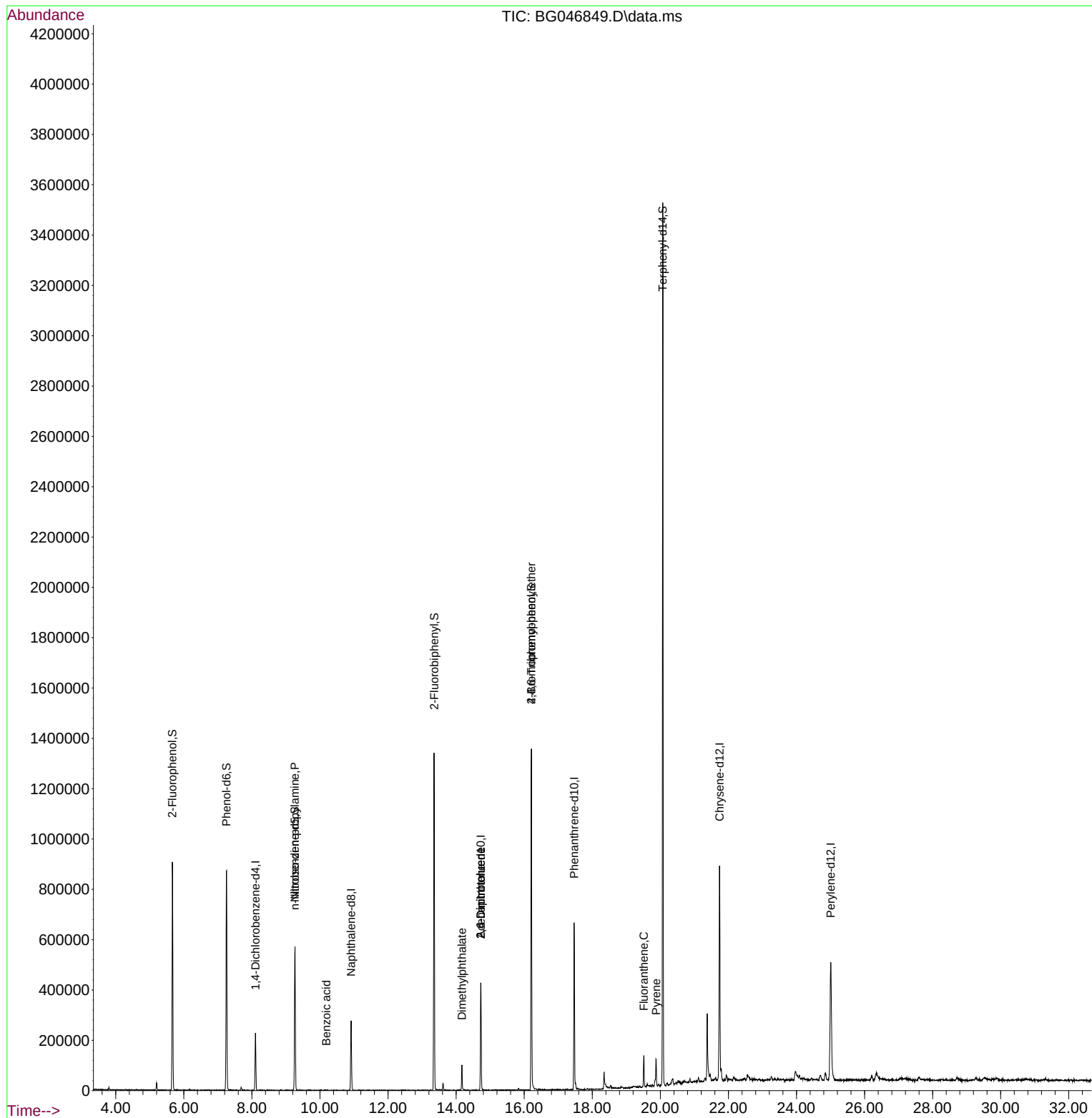
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	63658	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	227537	20.00	ng	0.00
39) Acenaphthene-d10	14.724	164	154757	20.00	ng	-0.01
64) Phenanthrene-d10	17.468	188	411283	20.00	ng	#-0.01
76) Chrysene-d12	21.739	240	532620	20.00	ng	#-0.02
86) Perylene-d12	25.006	264	529459	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	373755	94.06	ng	0.00
7) Phenol-d6	7.256	99	481233	85.86	ng	0.00
23) Nitrobenzene-d5	9.266	82	342688	80.12	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	270375	132.50	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	727428	66.54	ng	0.00
79) Terphenyl-d14	20.071	244	1537304	57.85	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.250	77	1106	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.260	70	47862	12.45	ng	# 78
32) Benzoic acid	10.182	122	56	6.36	ng	94
50) Dimethylphthalate	14.172	163	65006	5.26	ng	# 98
51) 2,6-Dinitrotoluene	14.724	165	20920	10.41	ng	# 35
57) 2,4-Dinitrotoluene	14.724	165	20920	7.86	ng	# 33
67) 4-Bromophenyl-phenylether	16.210	248	19210	3.70	ng	# 1
75) Fluoranthene	19.512	202	76197	2.68	ng	98
78) Pyrene	19.877	202	74535	2.18	ng	95

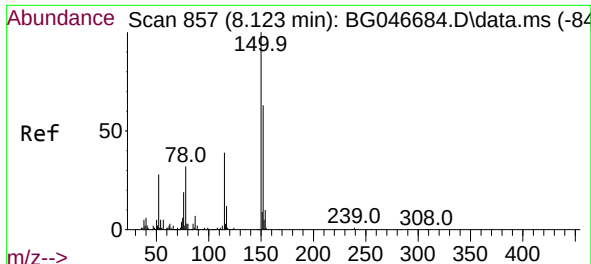
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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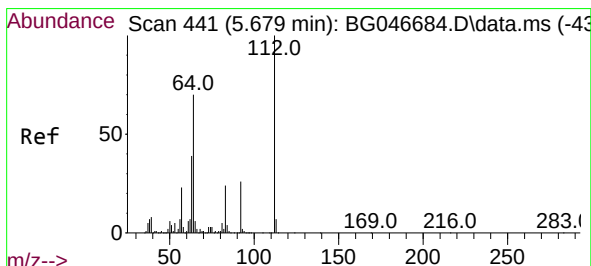
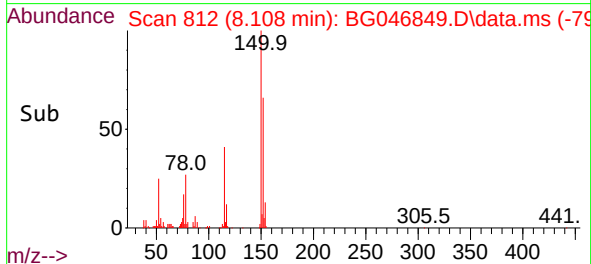
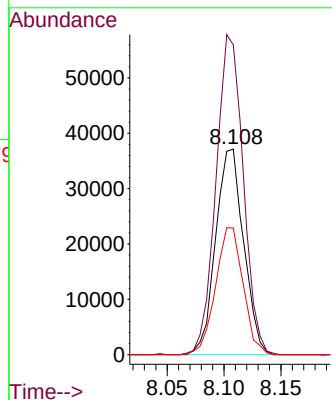
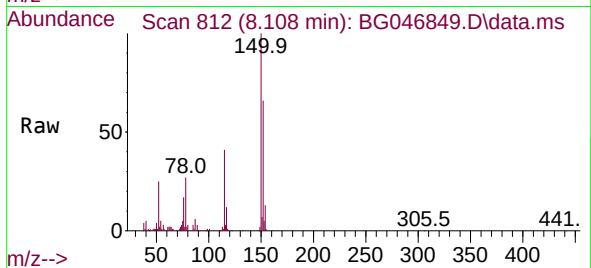




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

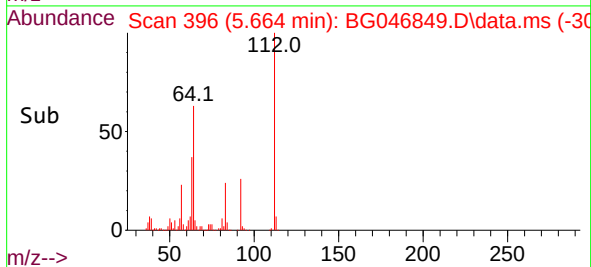
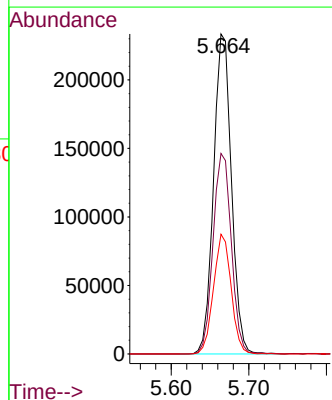
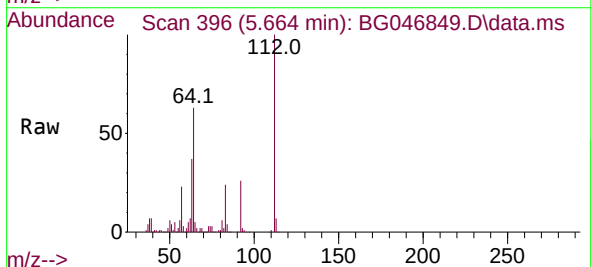
Instrument :
BNA_G
ClientSampleId :
TP-4

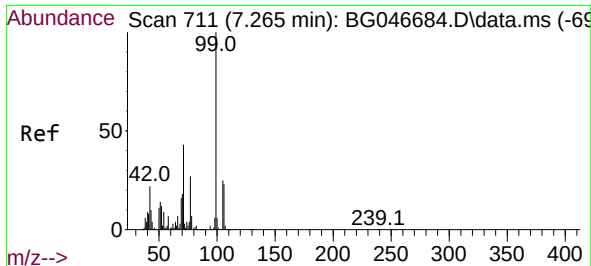
Tgt Ion:152 Resp: 63658
Ion Ratio Lower Upper
152 100
150 150.7 125.0 187.6
115 61.5 41.8 62.6



#5
2-Fluorophenol
Concen: 94.06 ng
RT: 5.664 min Scan# 396
Delta R.T. -0.006 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:112 Resp: 373755
Ion Ratio Lower Upper
112 100
64 62.7 46.7 70.1
63 37.4 22.8 34.2#

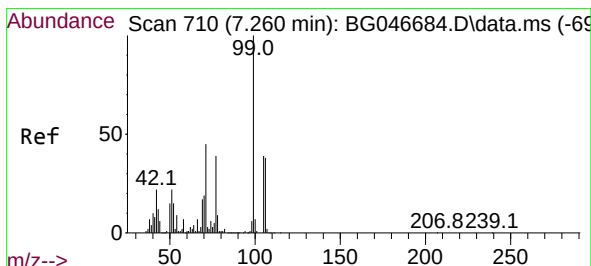
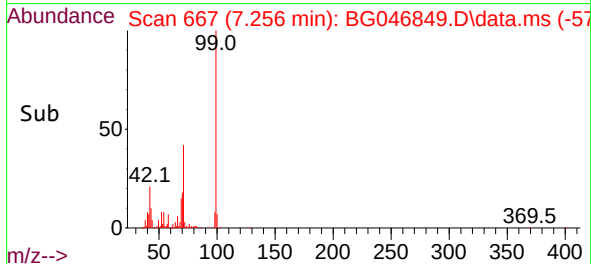
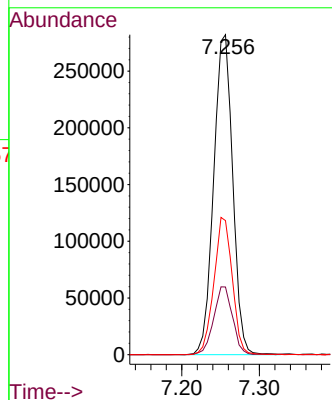
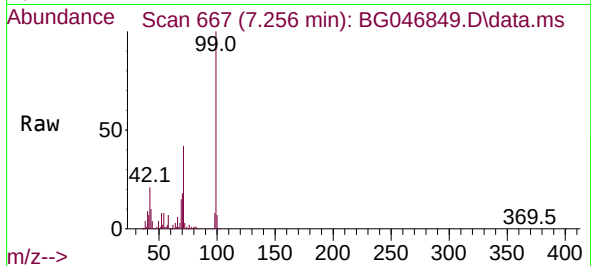




#7
Phenol-d6
Concen: 85.86 ng
RT: 7.256 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

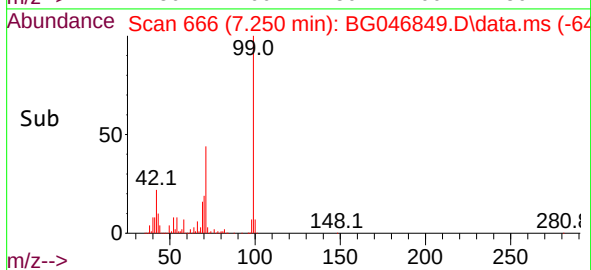
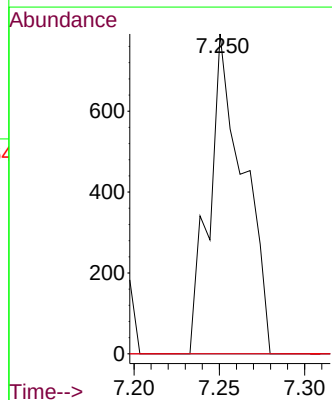
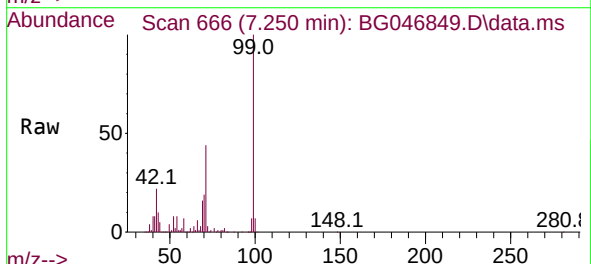
Instrument :
BNA_G
ClientSampleId :
TP-4

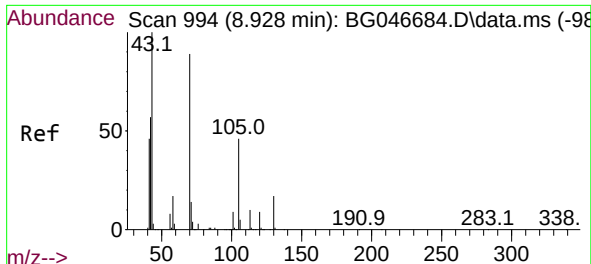
Tgt Ion: 99 Resp: 481233
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 41.9 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.250 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion: 77 Resp: 1106
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

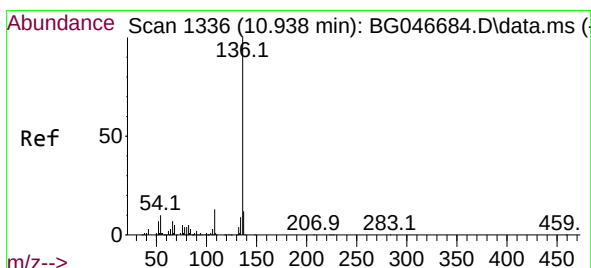
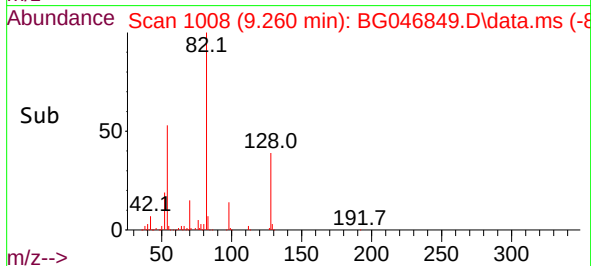
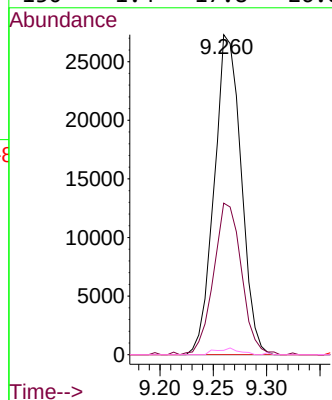
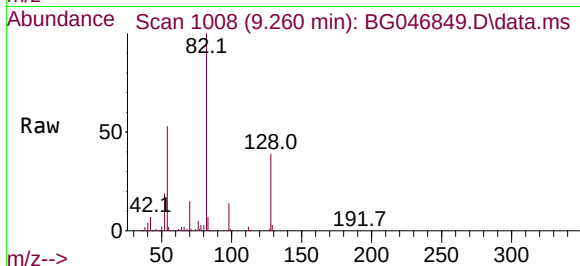




#19
n-Nitroso-di-n-propylamine
Concen: 12.45 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.347 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

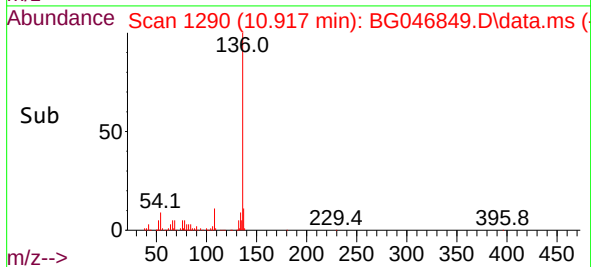
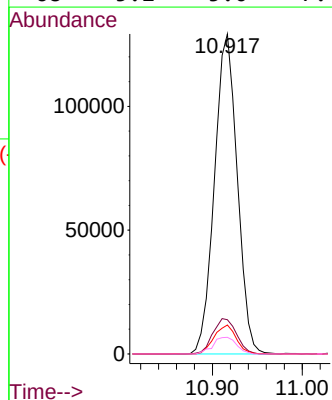
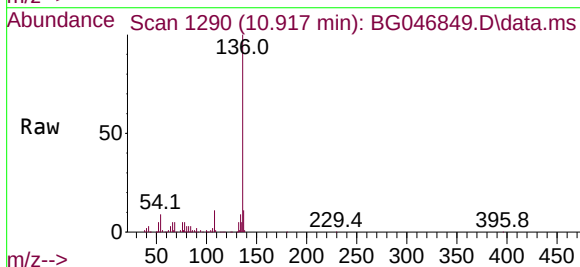
Instrument :
BNA_G
ClientSampled :
TP-4

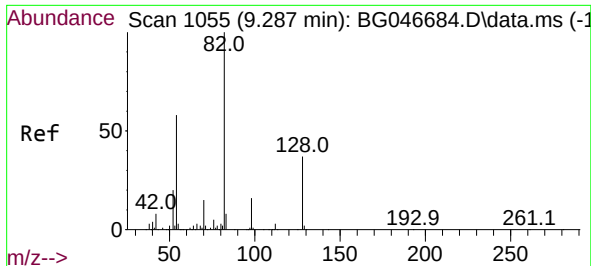
Tgt Ion:	70	Resp:	47862
Ion	Ratio	Lower	Upper
70	100		
42	47.3	45.6	68.4
101	0.0	8.4	12.6#
130	1.4	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:	136	Resp:	227537
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.0	6.2	9.4
68	5.2	5.0	7.4

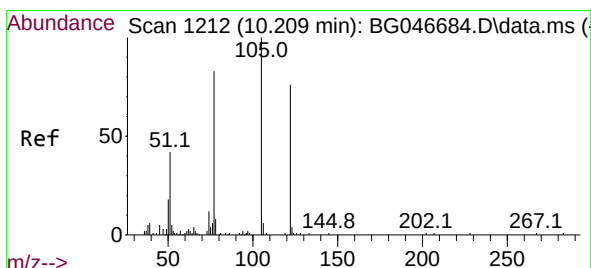
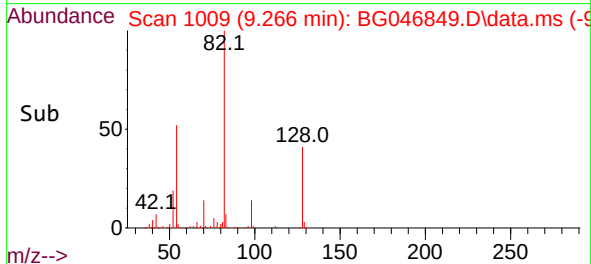
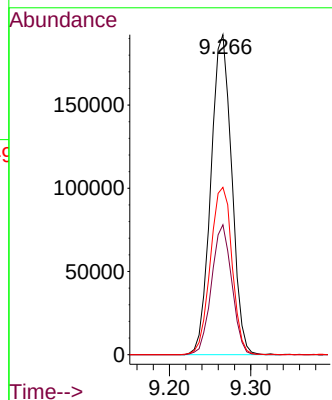
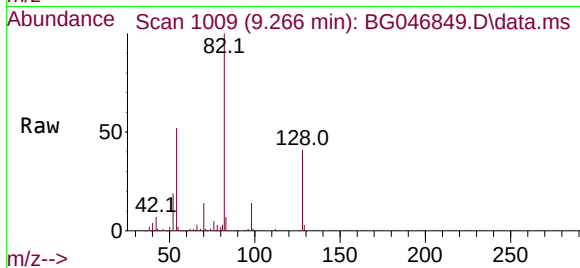




#23
Nitrobenzene-d5
Concen: 80.12 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

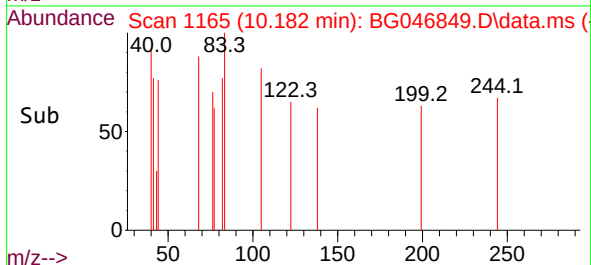
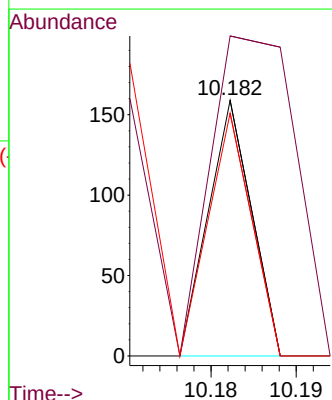
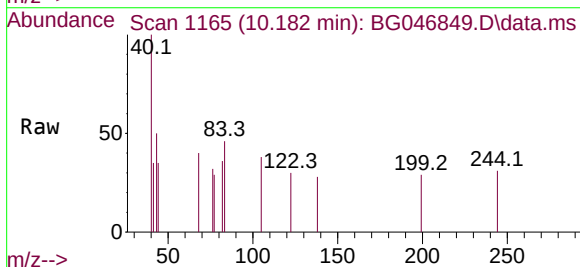
Instrument :
BNA_G
ClientSampleId :
TP-4

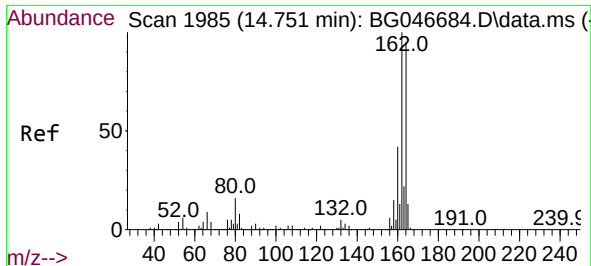
Tgt Ion: 82 Resp: 342688
Ion Ratio Lower Upper
82 100
128 40.6 37.0 55.6
54 52.3 39.0 58.4



#32
Benzoic acid
Concen: 6.36 ng
RT: 10.182 min Scan# 1165
Delta R.T. -0.011 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 125.2 103.7 143.7
77 95.0 63.0 103.0

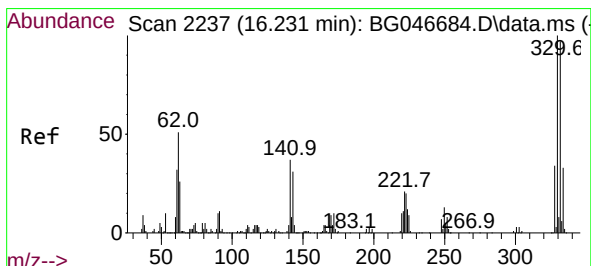
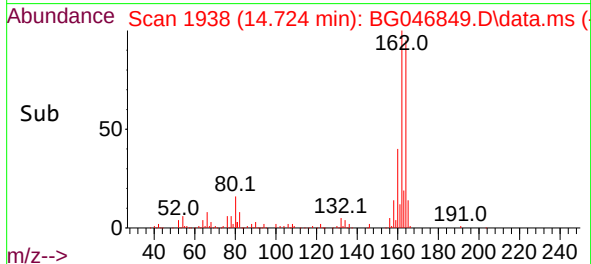
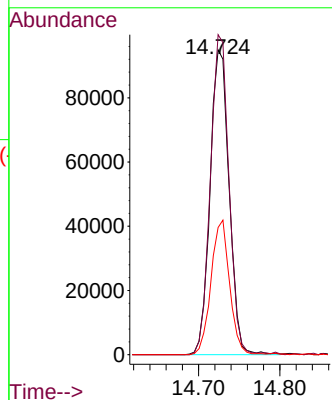
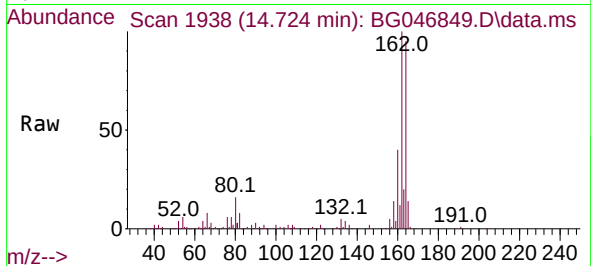




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

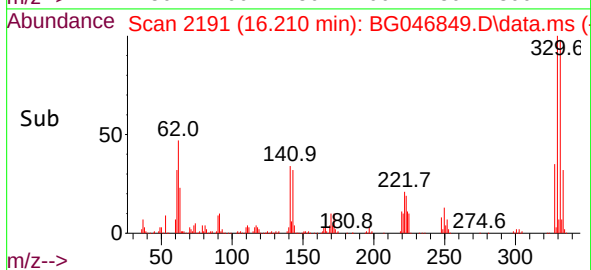
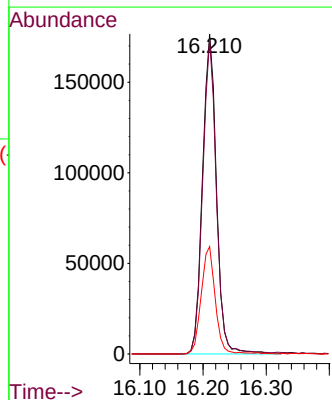
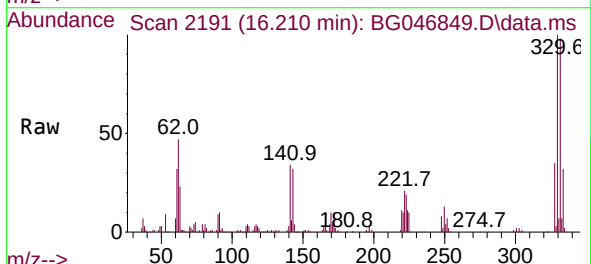
Instrument :
BNA_G
ClientSampled :
TP-4

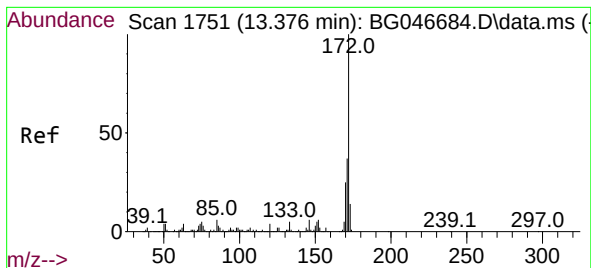
Tgt Ion:164 Resp: 154757
Ion Ratio Lower Upper
164 100
162 105.0 82.3 123.5
160 41.7 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 132.50 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:330 Resp: 270375
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 34.0 26.0 39.0

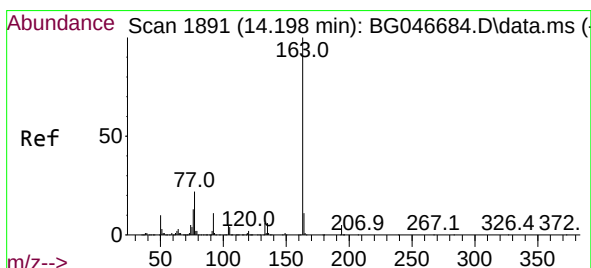
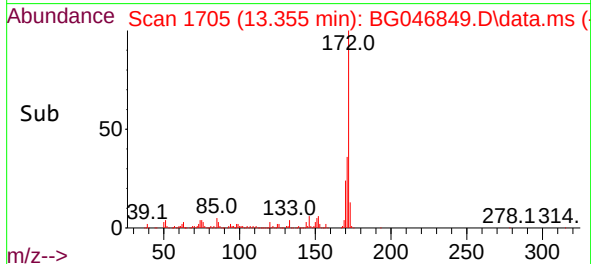
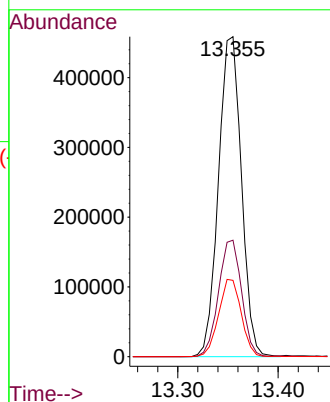
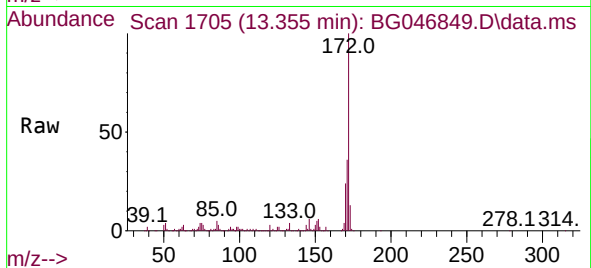




#45
2-Fluorobiphenyl
Concen: 66.54 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

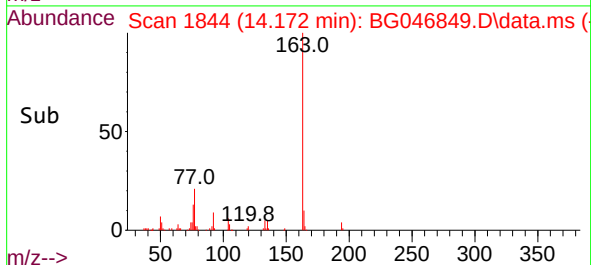
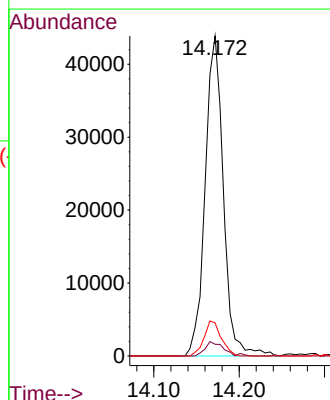
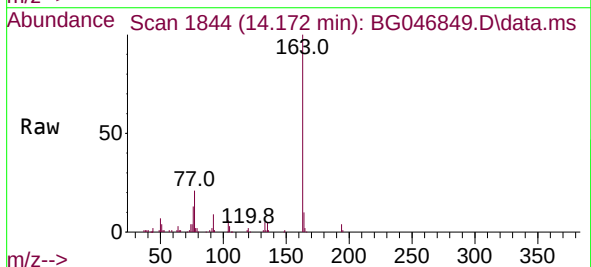
Instrument :
BNA_G
ClientSampleId :
TP-4

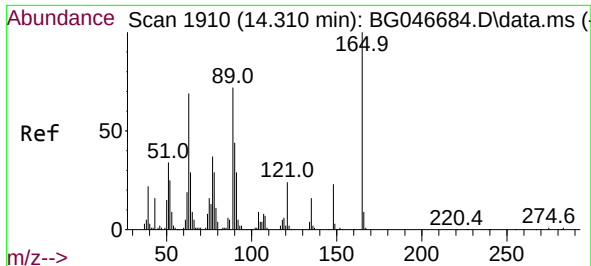
Tgt Ion:172	Resp: 727428
Ion Ratio	Lower Upper
172 100	
171 36.4	31.3 46.9
170 23.9	20.8 31.2



#50
Dimethylphthalate
Concen: 5.26 ng
RT: 14.172 min Scan# 1844
Delta R.T. -0.011 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:163	Resp: 65006
Ion Ratio	Lower Upper
163 100	
194 3.7	3.8 5.8#
164 10.3	8.8 13.2

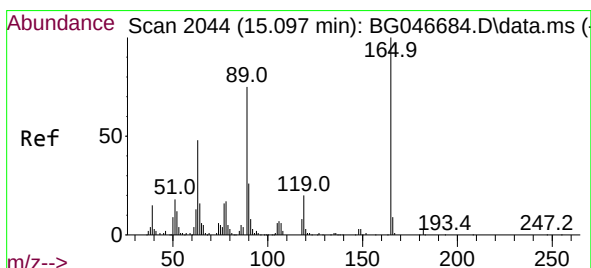
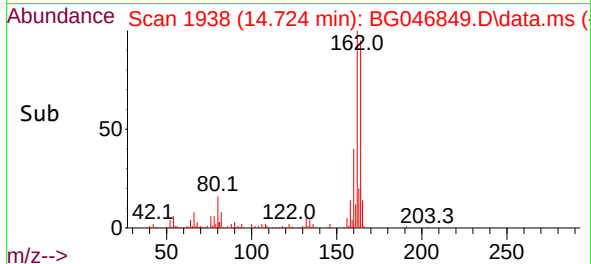
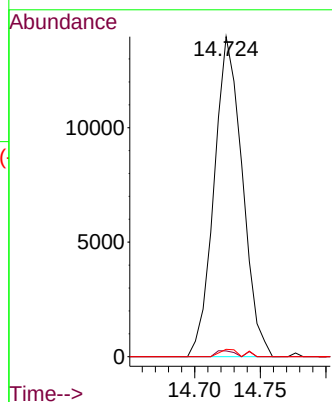
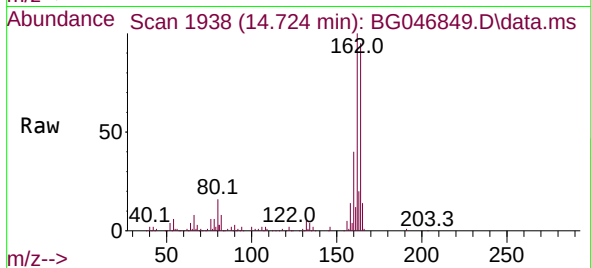




#51
2,6-Dinitrotoluene
Concen: 10.41 ng
RT: 14.724 min Scan# 1938
Delta R.T. 0.423 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

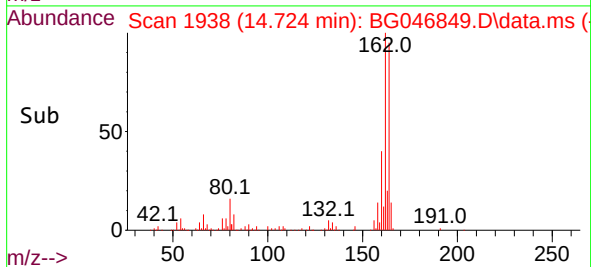
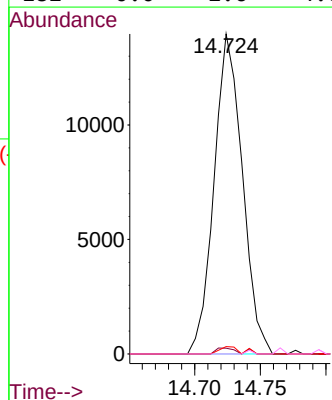
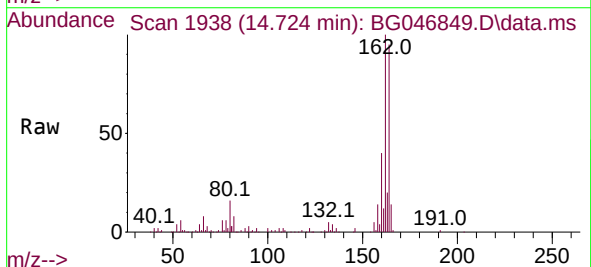
Instrument :
BNA_G
ClientSampled :
TP-4

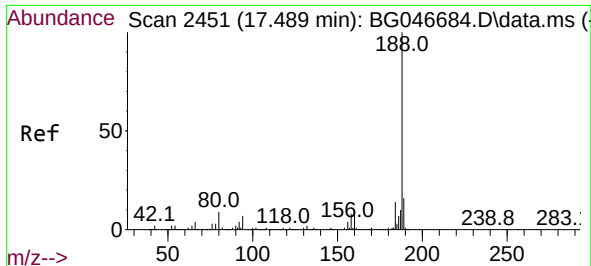
Tgt Ion:165 Resp: 20920
Ion Ratio Lower Upper
165 100
63 1.8 33.7 50.5#
89 2.3 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.86 ng
RT: 14.724 min Scan# 1938
Delta R.T. -0.358 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:165 Resp: 20920
Ion Ratio Lower Upper
165 100
63 1.8 26.4 39.6#
89 2.3 47.8 71.8#
182 0.0 2.6 4.0#

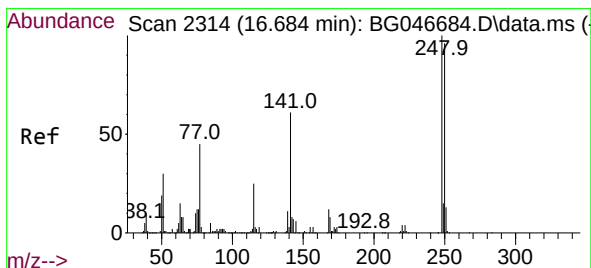
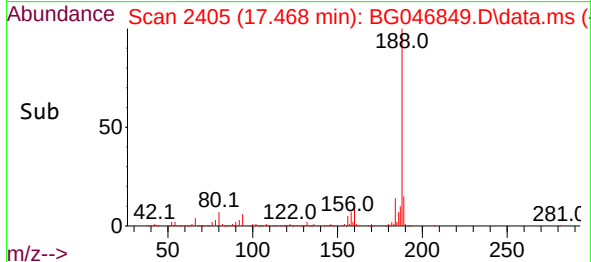
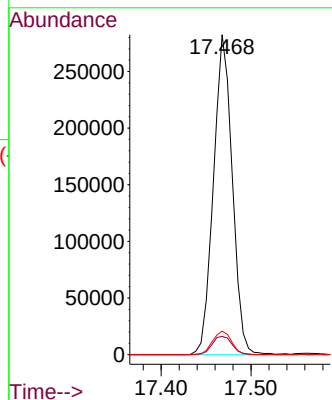
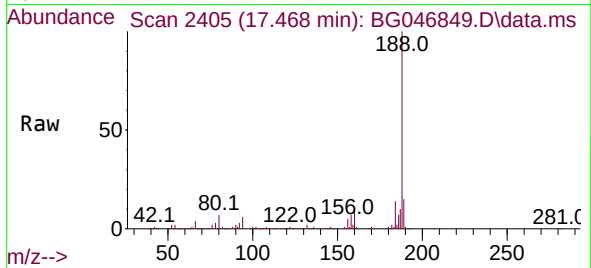




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

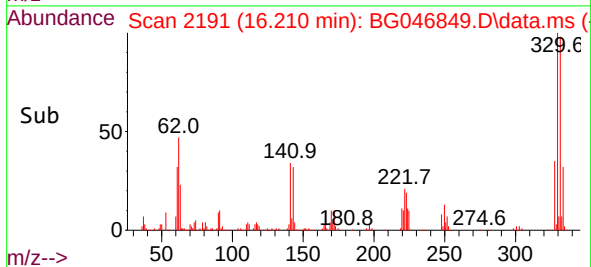
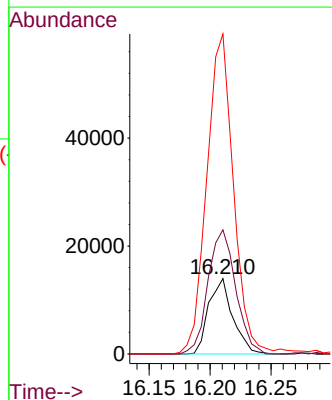
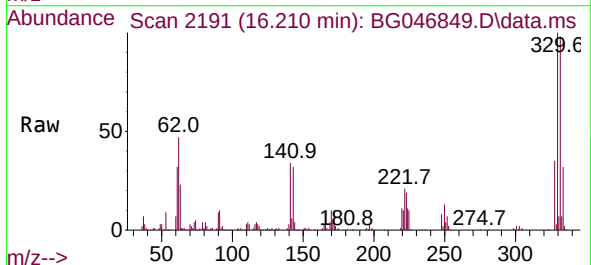
Instrument :
BNA_G
ClientSampleId :
TP-4

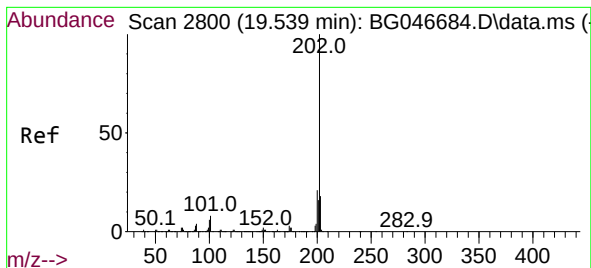
Tgt Ion:188 Resp: 411283
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 7.4 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 16.210 min Scan# 2191
Delta R.T. -0.452 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:248 Resp: 19210
Ion Ratio Lower Upper
248 100
250 179.0 78.9 118.3#
141 348.7 46.2 69.4#

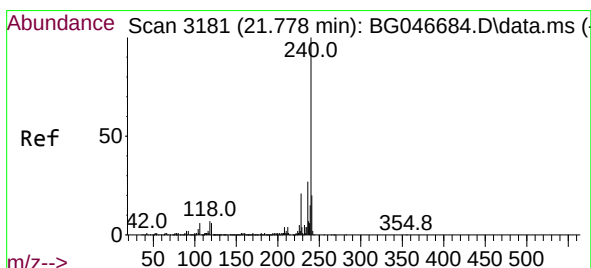
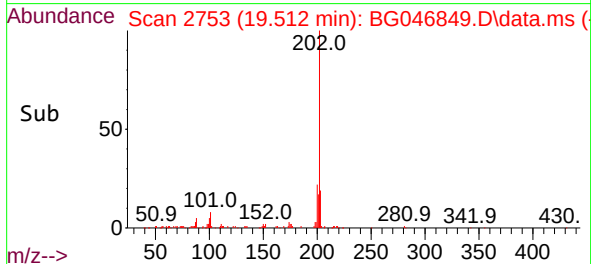
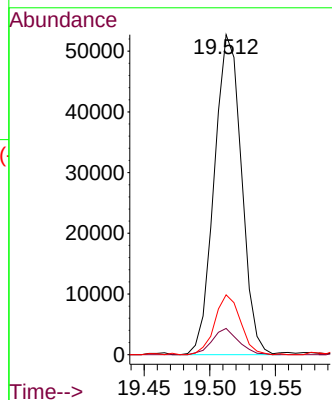
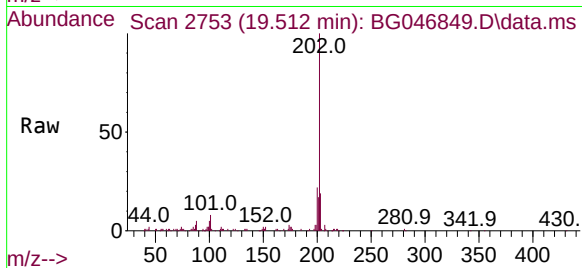




#75
Fluoranthene
Concen: 2.68 ng
RT: 19.512 min Scan# 2753
Delta R.T. -0.011 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

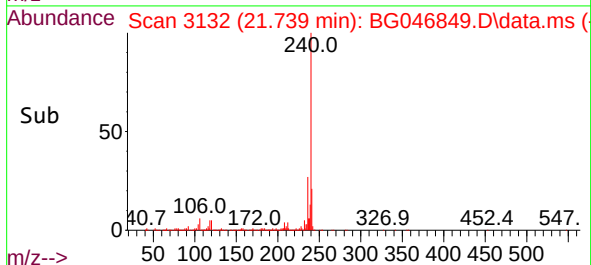
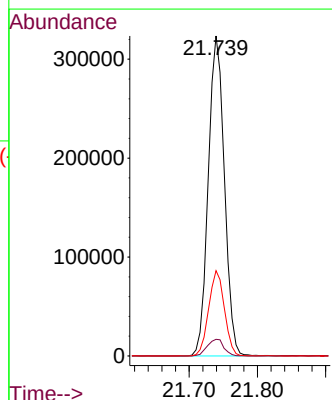
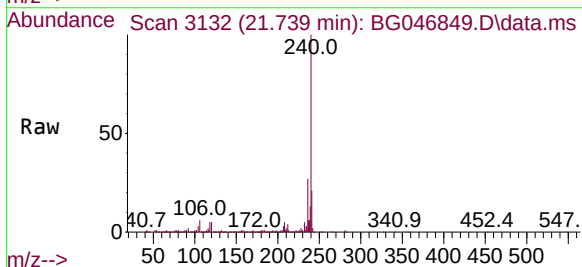
Instrument :
BNA_G
ClientSampled :
TP-4

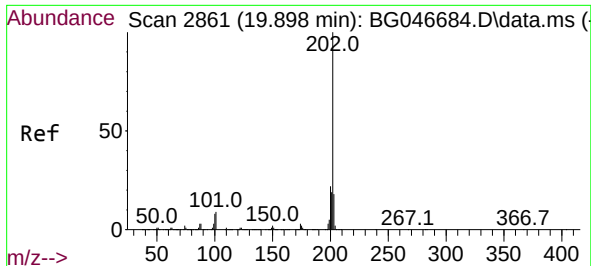
Tgt Ion:	202	Resp:	76197
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	29.7
203	18.7	0.0	39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.739 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:	240	Resp:	532620
Ion Ratio	Lower	Upper	
240	100		
120	5.2	6.2	9.4#
236	26.7	20.5	30.7

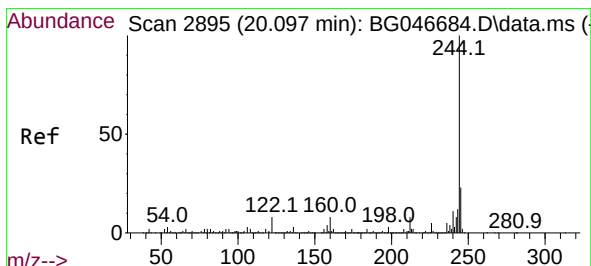
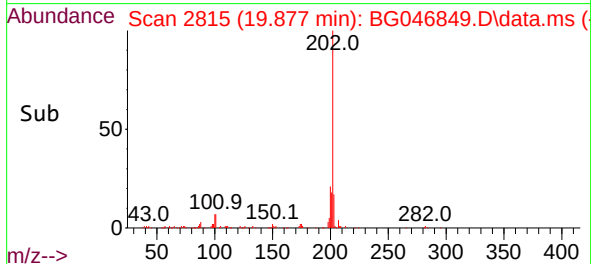
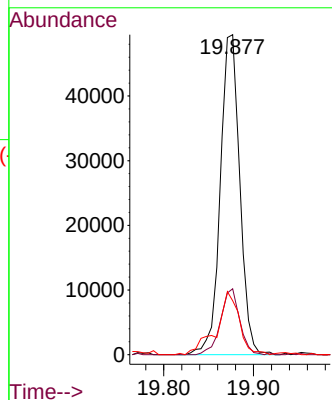
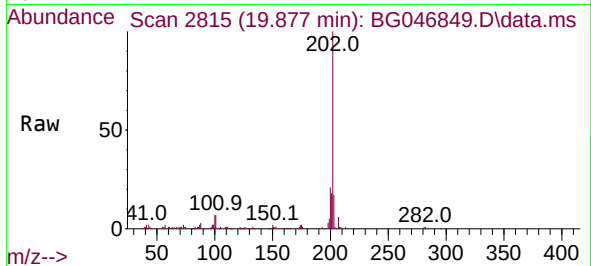




#78
Pyrene
Concen: 2.18 ng
RT: 19.877 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

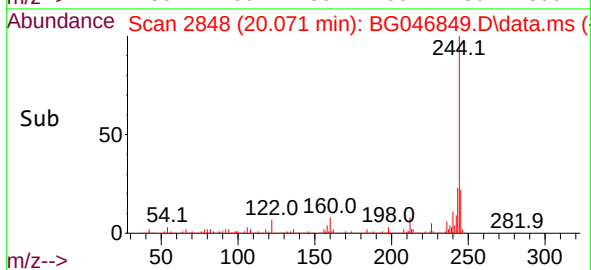
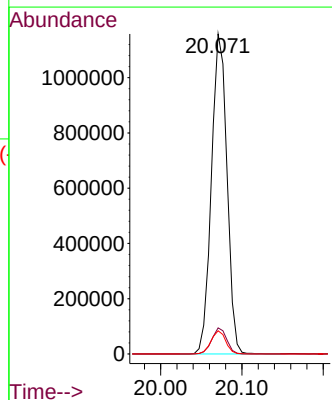
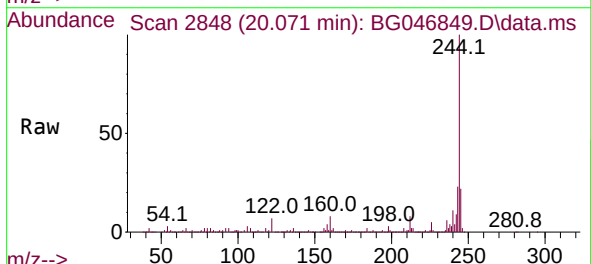
Instrument :
BNA_G
ClientSampleId :
TP-4

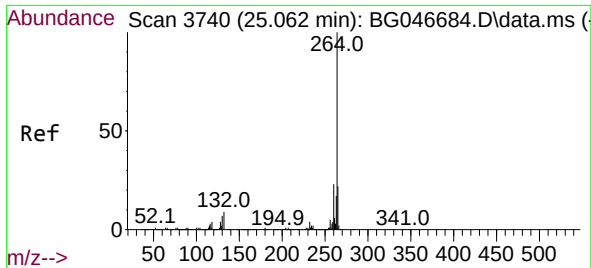
Tgt Ion:	202	Resp:	74535
Ion Ratio	Lower	Upper	
202	100		
200	20.6	18.6	27.8
203	16.8	15.3	22.9



#79
Terphenyl-d14
Concen: 57.85 ng
RT: 20.071 min Scan# 2848
Delta R.T. -0.011 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Tgt Ion:	244	Resp:	1537304
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.7	10.1
122	7.2	7.8	11.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.006 min Scan# 3688
Delta R.T. -0.023 min
Lab File: BG046849.D
Acq: 12 Oct 2020 16:22

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:264 Resp: 529459

Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.8	28.2
265	21.9	17.8	26.8

