

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
 Data File : BG046834.D
 Acq On : 9 Oct 2020 15:03
 Operator : CG/JU
 Sample : L4309-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWLS-HEAD-BH-04-B

Quant Time: Oct 09 15:45:07 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)

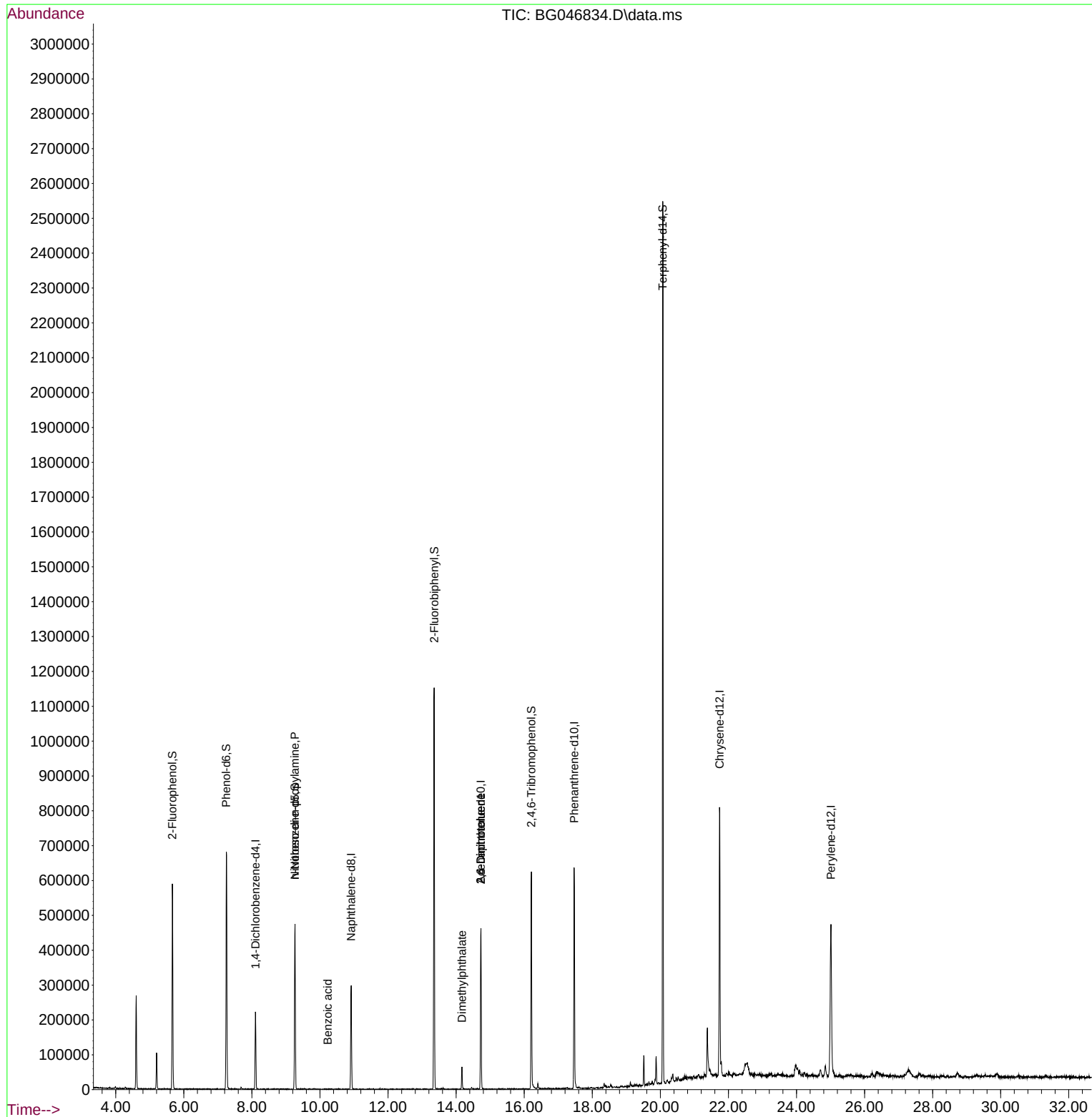
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.108	152	61717	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	240397	20.00	ng	0.00
39) Acenaphthene-d10	14.730	164	167700	20.00	ng	0.00
64) Phenanthrene-d10	17.468	188	410675	20.00	ng	-0.01
76) Chrysene-d12	21.745	240	481527	20.00	ng	#-0.01
86) Perylene-d12	25.012	264	499955	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	241699	62.74	ng	0.00
7) Phenol-d6	7.251	99	376521	69.29	ng	0.00
23) Nitrobenzene-d5	9.266	82	279877	61.94	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	125109	56.58	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	616153	52.01	ng	0.00
79) Terphenyl-d14	20.071	244	1141355	47.51	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.262	77	889	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.266	70	38505	10.33	ng	# 76
32) Benzoic acid	10.230	122	63	6.37	ng	# 1
50) Dimethylphthalate	14.172	163	43415	3.24	ng	99
51) 2,6-Dinitrotoluene	14.730	165	21139	9.71	ng	# 35
57) 2,4-Dinitrotoluene	14.730	165	21139	7.33	ng	# 33

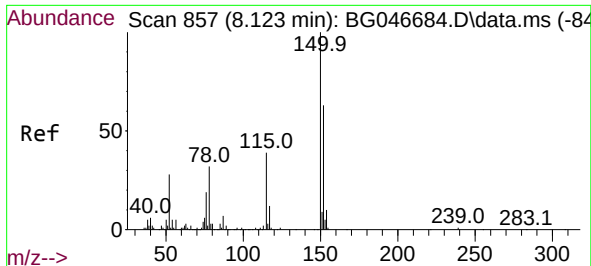
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 07 11:38:17 2020
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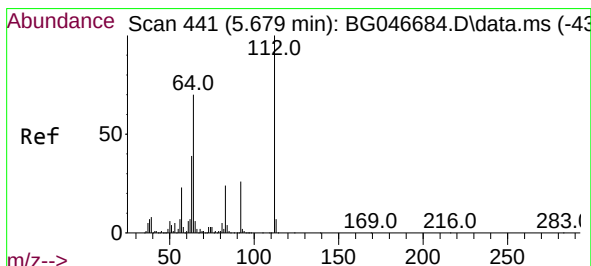
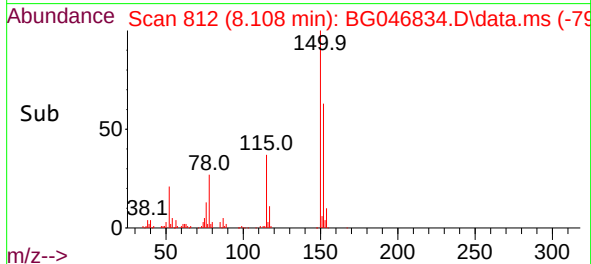
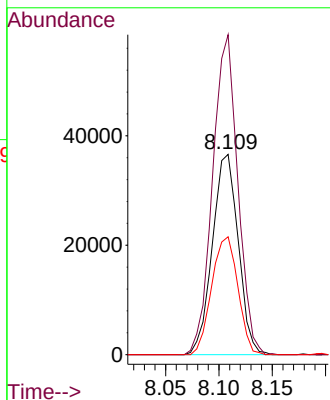
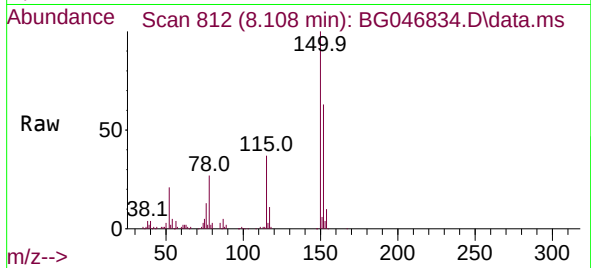




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.108 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

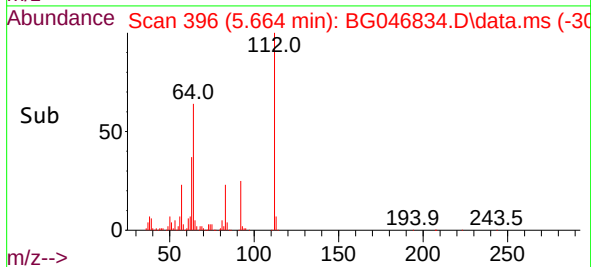
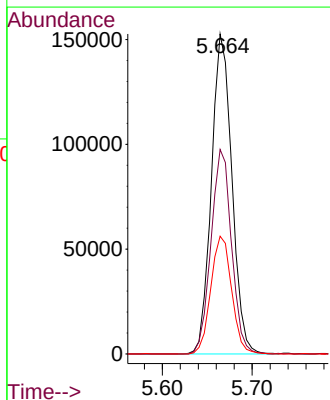
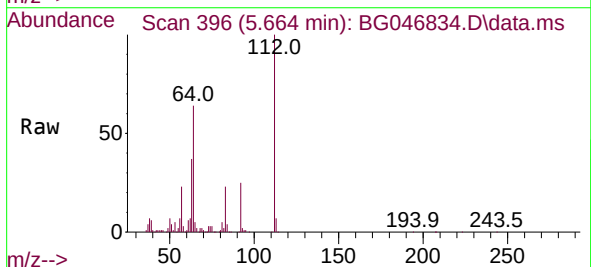
Instrument :
BNA_G
ClientSampleId :
OWLS-HEAD-BH-04-B

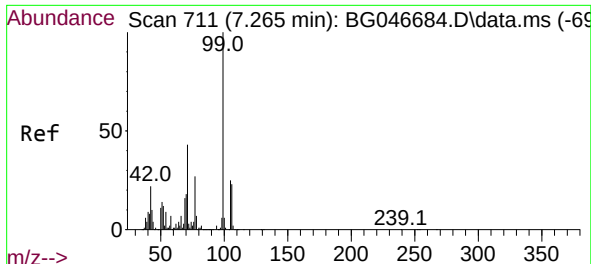
Tgt Ion:152 Resp: 61717
Ion Ratio Lower Upper
152 100
150 159.7 125.0 187.6
115 58.8 41.8 62.6



#5
2-Fluorophenol
Concen: 62.74 ng
RT: 5.664 min Scan# 396
Delta R.T. -0.005 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Tgt Ion:112 Resp: 241699
Ion Ratio Lower Upper
112 100
64 63.9 46.7 70.1
63 36.8 22.8 34.2#

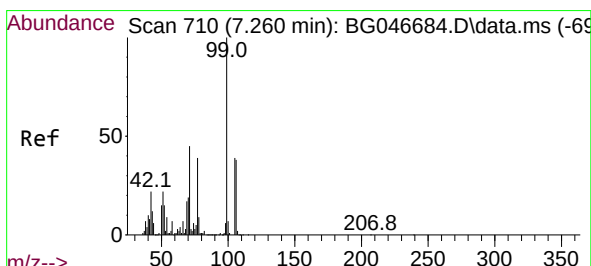
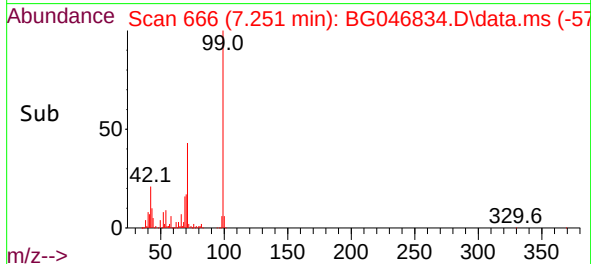
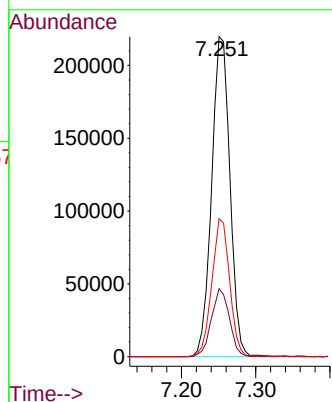
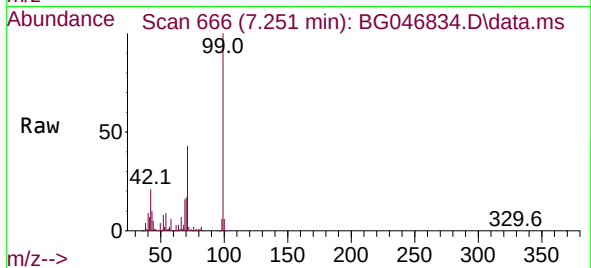




#7
Phenol-d6
Concen: 69.29 ng
RT: 7.251 min Scan# 666
Delta R.T. -0.005 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

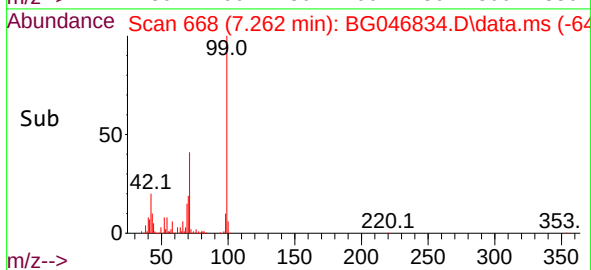
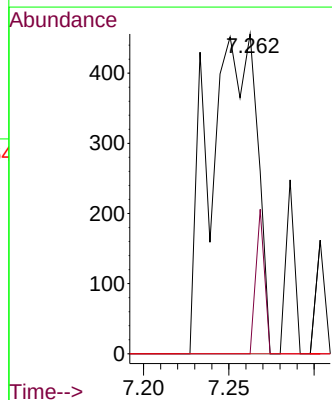
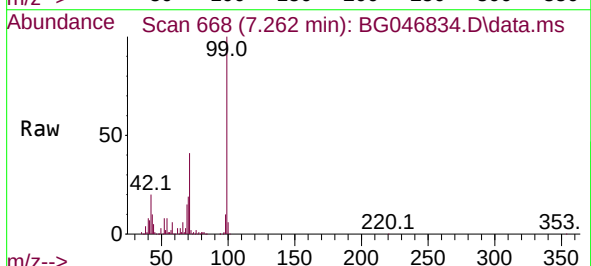
Instrument :
BNA_G
ClientSampleId :
OWLS-HEAD-BH-04-B

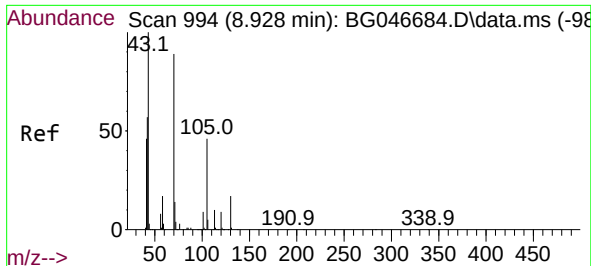
Tgt Ion: 99 Resp: 376521
Ion Ratio Lower Upper
99 100
42 21.2 12.8 19.2#
71 43.1 24.6 36.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.262 min Scan# 668
Delta R.T. 0.018 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Tgt Ion: 77 Resp: 889
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#

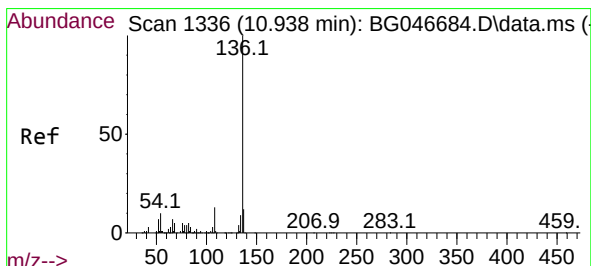
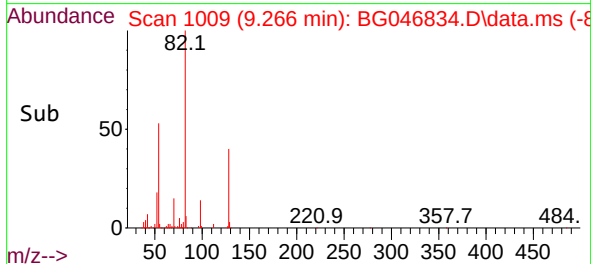
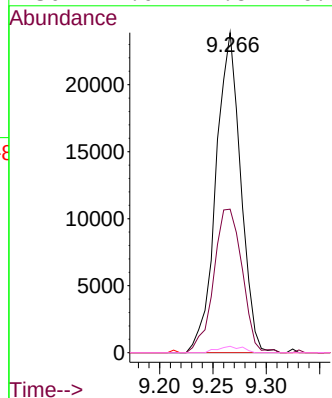
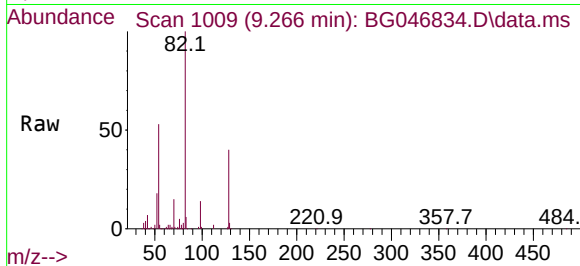




#19
n-Nitroso-di-n-propylamine
Concen: 10.33 ng
RT: 9.266 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

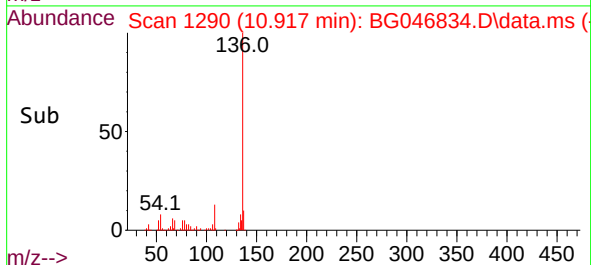
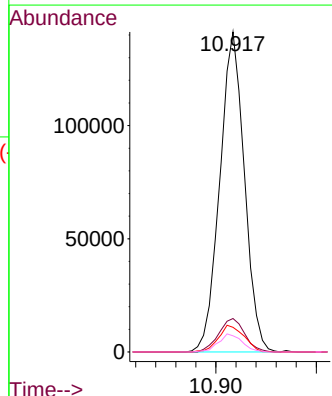
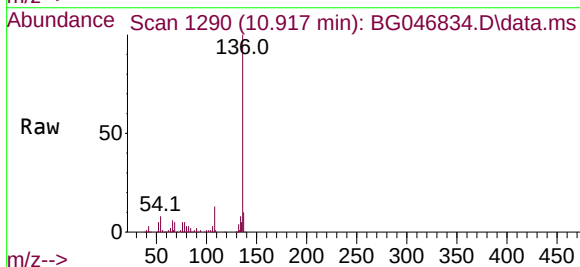
Instrument :
BNA_G
ClientSampleId :
OWLS-HEAD-BH-04-B

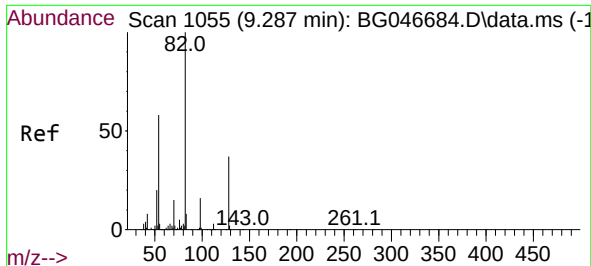
Tgt Ion:	70	Resp:	38505
Ion Ratio	Lower	Upper	
70	100		
42	44.8	45.6	68.4#
101	0.0	8.4	12.6#
130	2.0	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Tgt Ion:	136	Resp:	240397
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.1	13.7
54	7.7	6.2	9.4
68	5.0	5.0	7.4

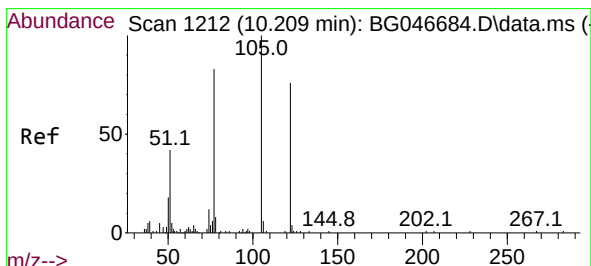
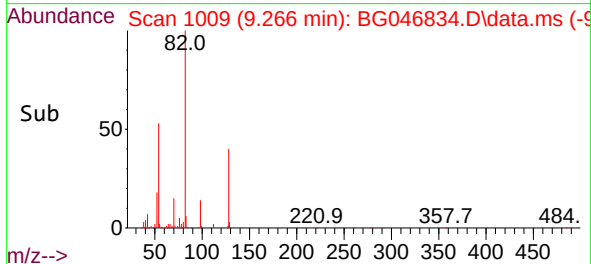
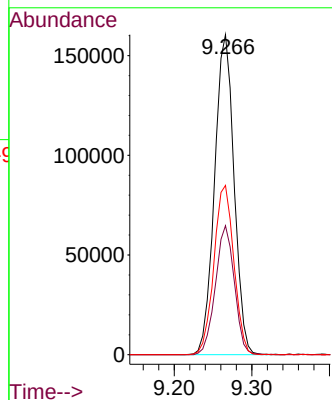
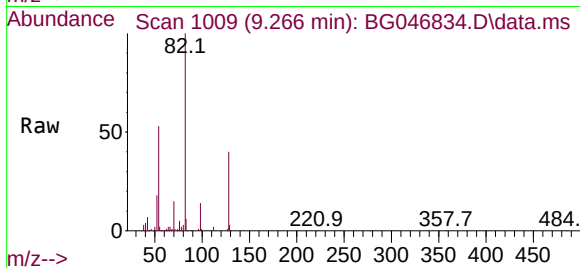




#23
Nitrobenzene-d5
Concen: 61.94 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

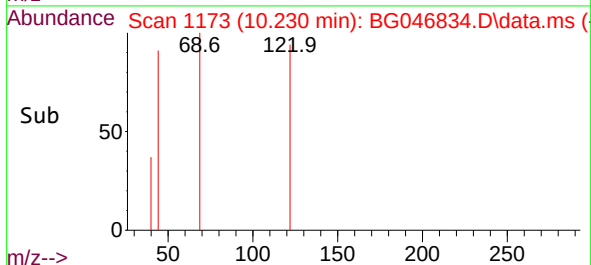
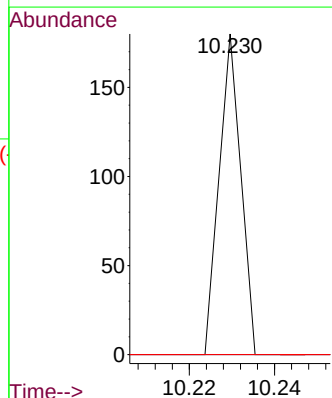
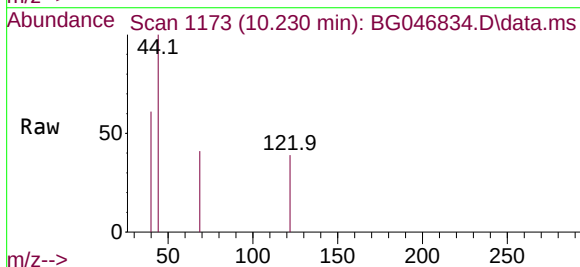
Instrument :
BNA_G
ClientSampleId :
OWLS-HEAD-BH-04-B

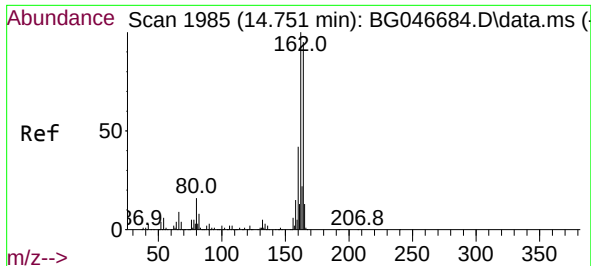
Tgt Ion: 82 Resp: 279877
Ion Ratio Lower Upper
82 100
128 40.3 37.0 55.6
54 52.9 39.0 58.4



#32
Benzoic acid
Concen: 6.37 ng
RT: 10.230 min Scan# 1173
Delta R.T. 0.036 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#

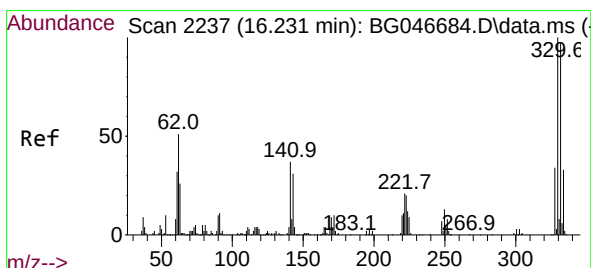
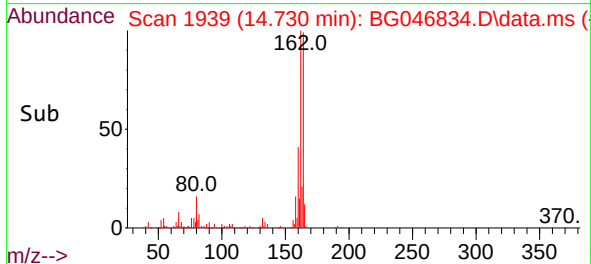
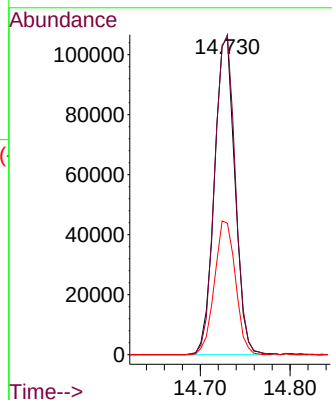
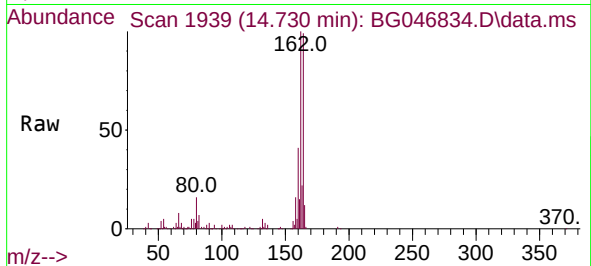




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

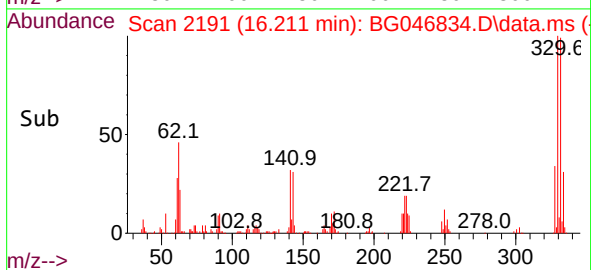
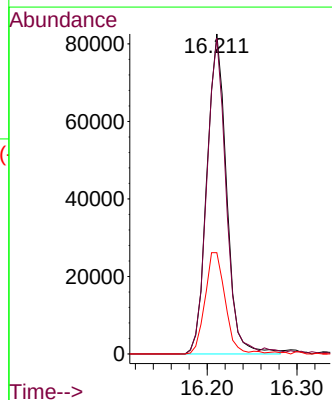
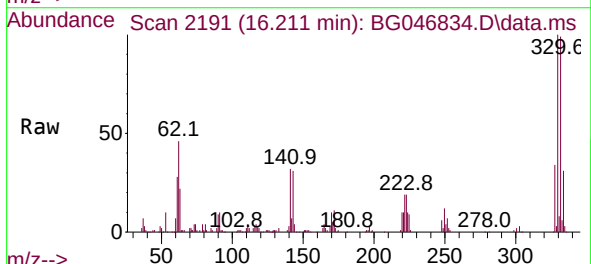
Instrument :
BNA_G
ClientSampleId :
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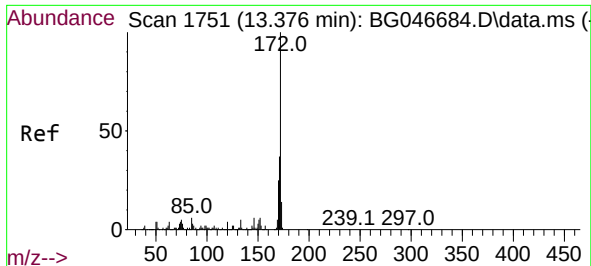
Tgt Ion:164 Resp: 167700
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 41.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 56.58 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Tgt Ion:330 Resp: 125109
Ion Ratio Lower Upper
330 100
332 96.3 76.5 114.7
141 32.7 26.0 39.0



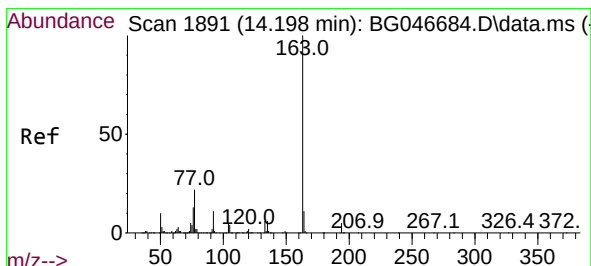
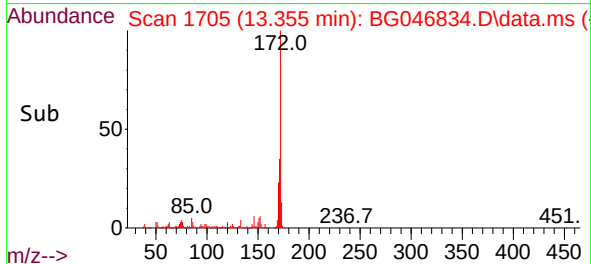
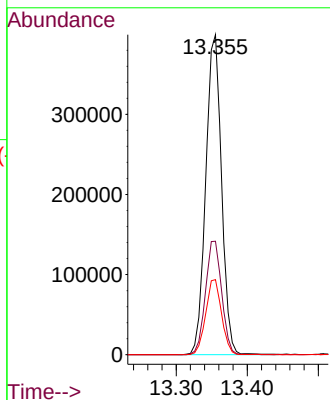
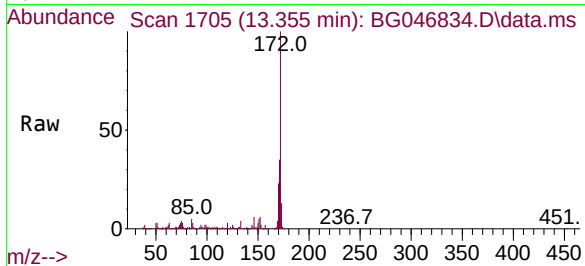


#45
2-Fluorobiphenyl
Concen: 52.01 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Instrument :
BNA_G
ClientSampleId :
OWLS-HEAD-BH-04-B

Tgt Ion:172 Resp: 616153

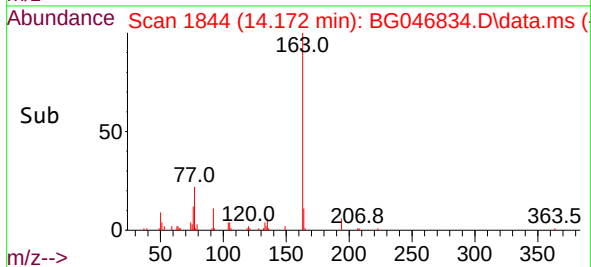
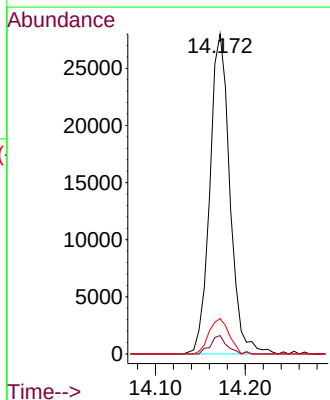
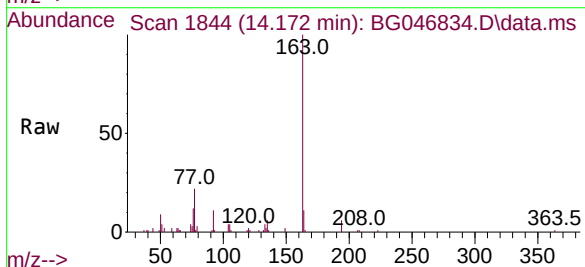
Ion	Ratio	Lower	Upper
172	100		
171	35.5	31.3	46.9
170	23.4	20.8	31.2

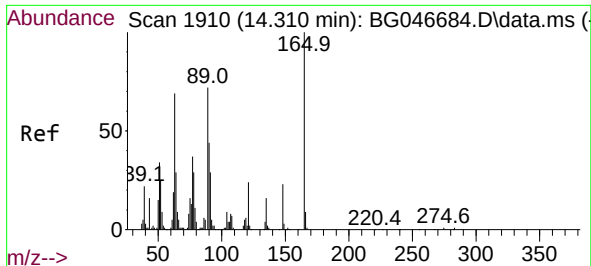


#50
Dimethylphthalate
Concen: 3.24 ng
RT: 14.172 min Scan# 1844
Delta R.T. -0.011 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Tgt Ion:163 Resp: 43415

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.8	5.8
164	11.0	8.8	13.2

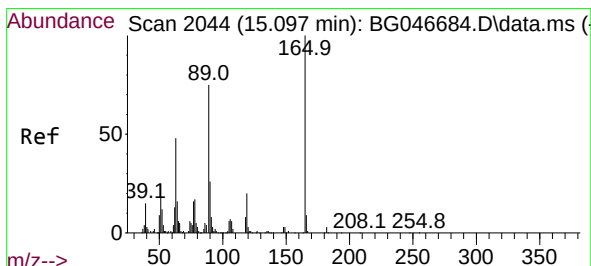
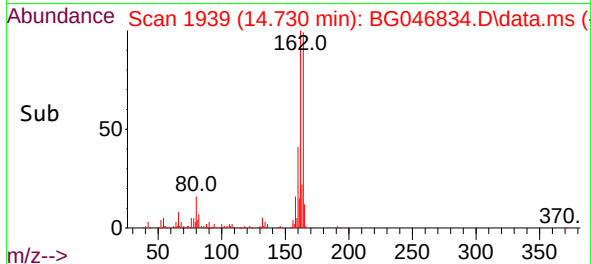
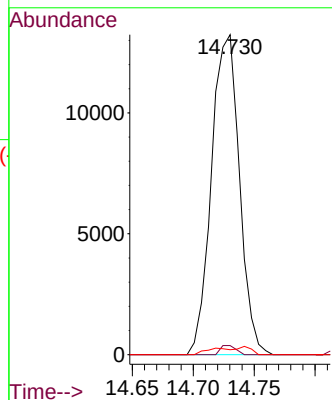
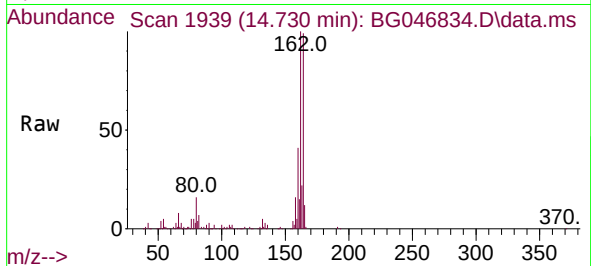




#51
2,6-Dinitrotoluene
Concen: 9.71 ng
RT: 14.730 min Scan# 1939
Delta R.T. 0.430 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

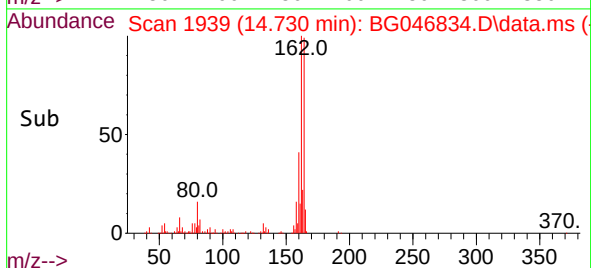
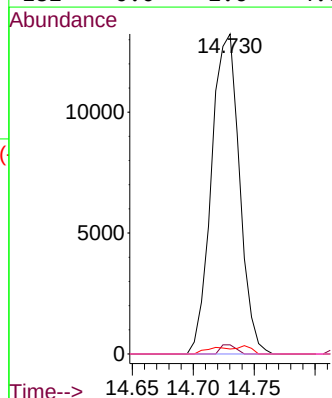
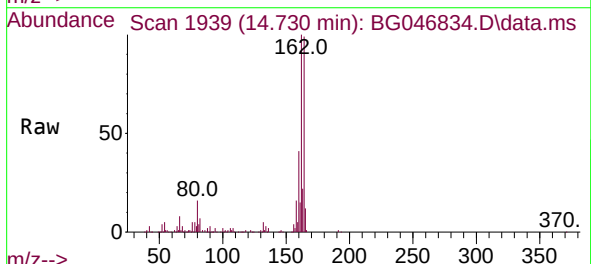
Instrument :
BNA_G
ClientSampleId :
OWLS-HEAD-BH-04-B

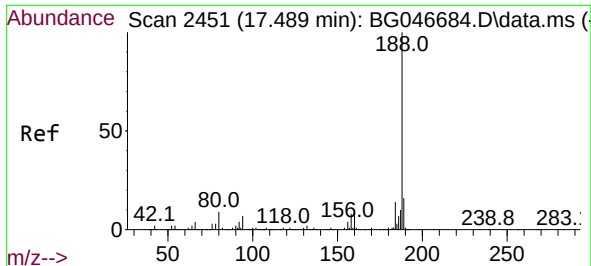
Tgt Ion:165 Resp: 21139
Ion Ratio Lower Upper
165 100
63 2.8 33.7 50.5#
89 1.6 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 14.730 min Scan# 1939
Delta R.T. -0.352 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Tgt Ion:165 Resp: 21139
Ion Ratio Lower Upper
165 100
63 2.8 26.4 39.6#
89 1.6 47.8 71.8#
182 0.0 2.6 4.0#

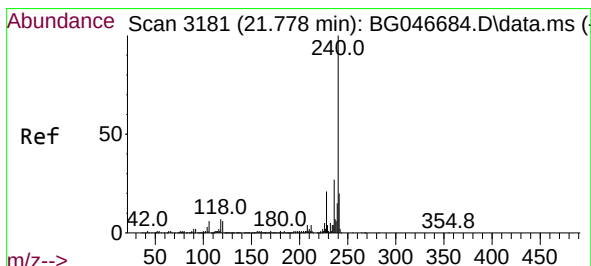
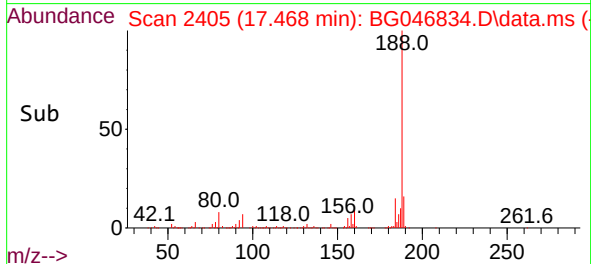
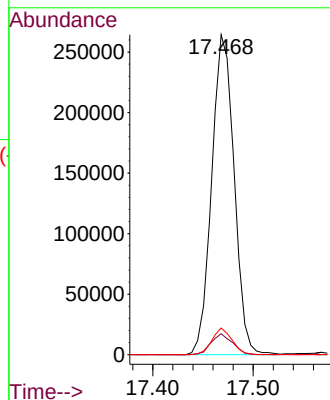
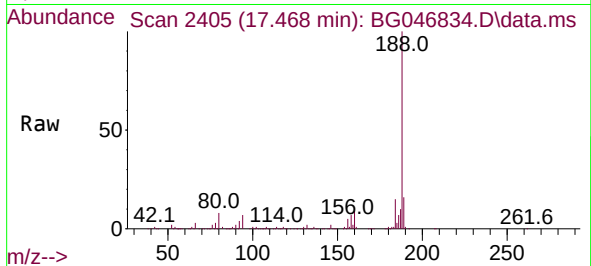




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.468 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

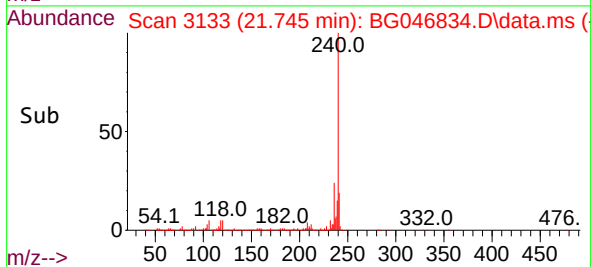
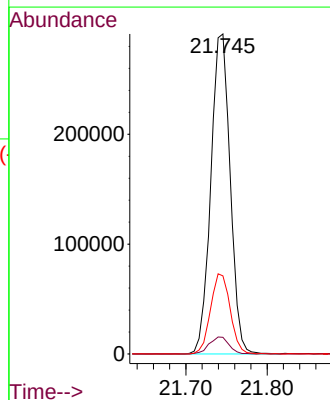
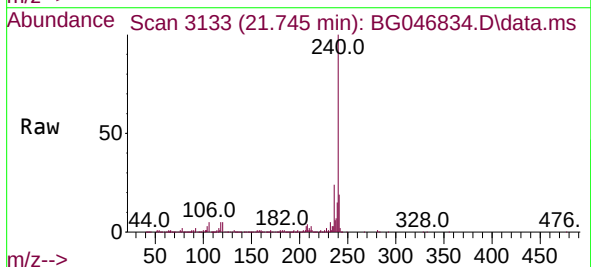
Instrument :
BNA_G
ClientSampleId :
OWLS-HEAD-BH-04-B

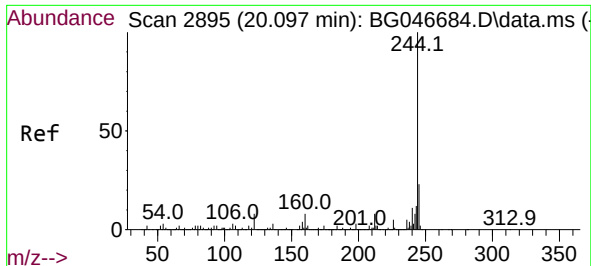
Tgt Ion:188 Resp: 410675
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 8.4 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.745 min Scan# 3133
Delta R.T. -0.011 min
Lab File: BG046834.D
Acq: 9 Oct 2020 15:03

Tgt Ion:240 Resp: 481527
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 24.4 20.5 30.7

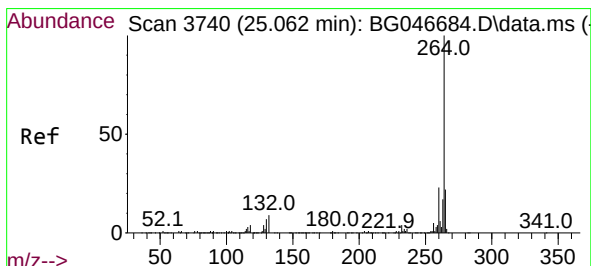
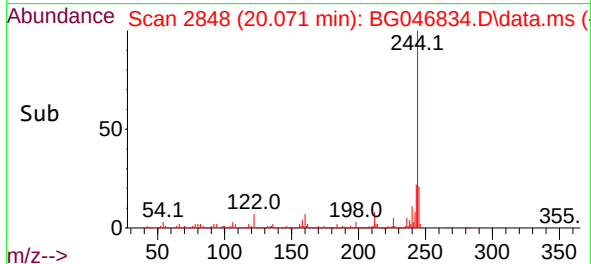
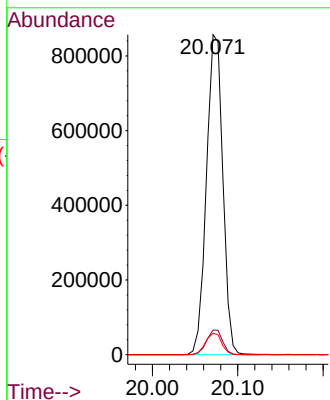
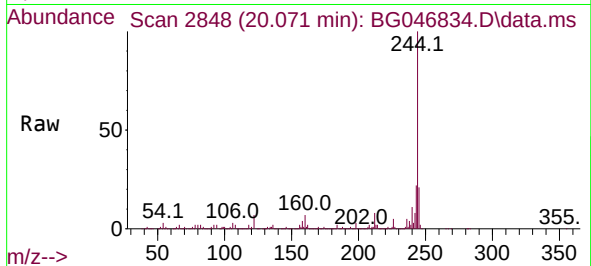




#79
 Terphenyl-d14
 Concen: 47.51 ng
 RT: 20.071 min Scan# 2848
 Delta R.T. -0.011 min
 Lab File: BG046834.D
 Acq: 9 Oct 2020 15:03

Instrument :
 BNA_G
 ClientSampleId :
 OWLS-HEAD-BH-04-B

Tgt Ion:244 Resp: 1141355
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 6.7 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.012 min Scan# 3689
 Delta R.T. -0.017 min
 Lab File: BG046834.D
 Acq: 9 Oct 2020 15:03

Tgt Ion:264 Resp: 499955
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.0 17.8 26.8

