

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
 Data File : BG047940.D
 Acq On : 20 Jan 2021 16:53
 Operator : CG/JU
 Sample : M1160-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BASIN-4

Quant Time: Jan 20 17:29:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 20 16:06:10 2021
 Response via : Initial Calibration

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

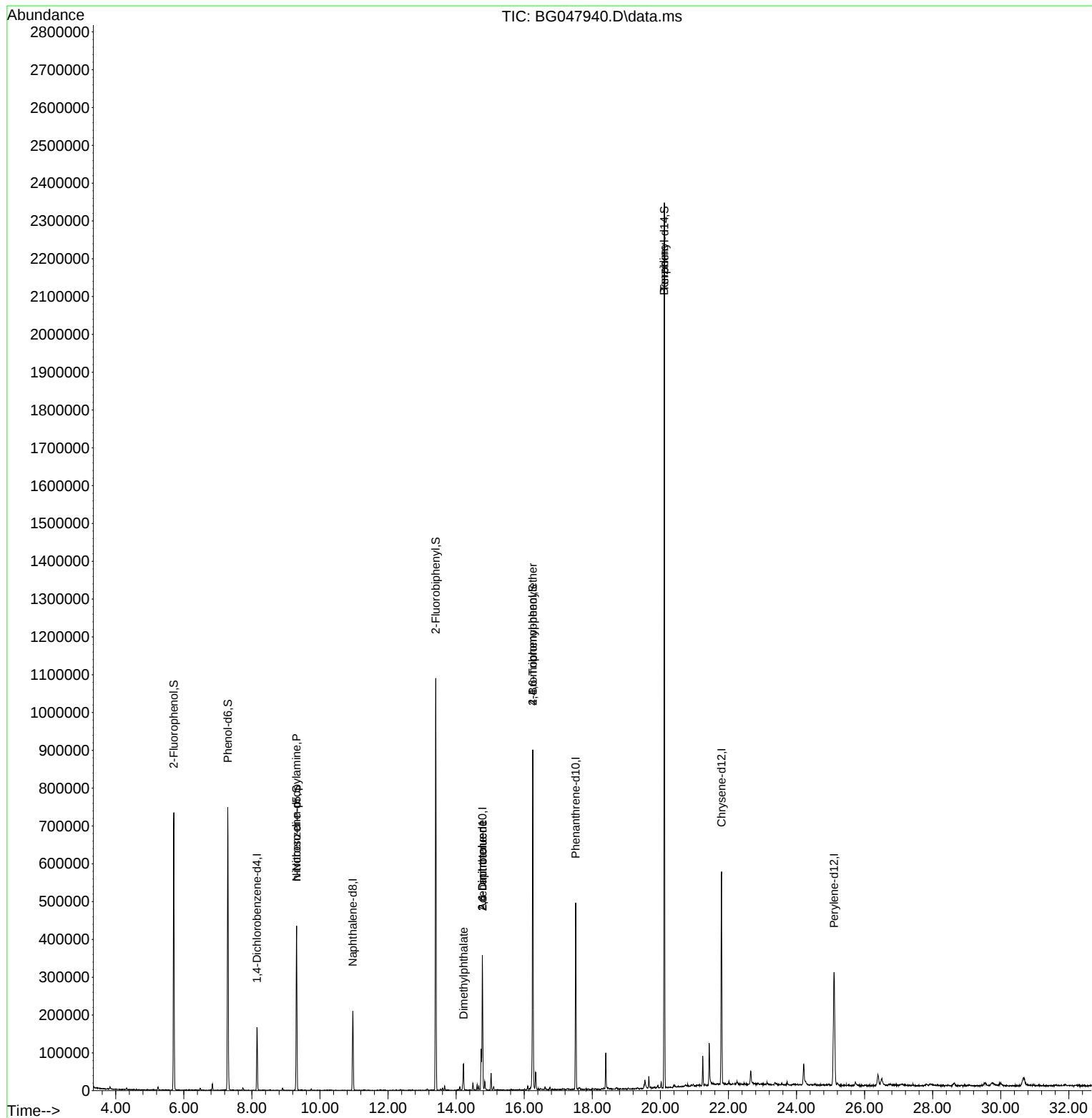
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	44701	20.00	ng	0.00
21) Naphthalene-d8	10.963	136	170755	20.00	ng	# 0.00
39) Acenaphthene-d10	14.770	164	120945	20.00	ng	0.00
64) Phenanthrene-d10	17.514	188	305895	20.00	ng	0.00
76) Chrysene-d12	21.797	240	354350	20.00	ng	# 0.00
86) Perylene-d12	25.099	264	344730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	275801	112.22	ng	0.00
7) Phenol-d6	7.291	99	382876	101.93	ng	0.00
23) Nitrobenzene-d5	9.312	82	246698	70.89	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	165570	103.08	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	551728	60.72	ng	0.00
79) Terphenyl-d14	20.117	244	1015678	52.86	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.312	70	34577	12.55	ng	# 81
32) Benzoic acid	10.146	122	162	Below	Cal	88
48) 2-Nitroaniline	13.666	65	348	Below	Cal	# 20
50) Dimethylphthalate	14.218	163	45136	5.00	ng	96
51) 2,6-Dinitrotoluene	14.770	165	16155	12.01	ng	# 33
57) 2,4-Dinitrotoluene	14.770	165	16155	9.06	ng	# 31
67) 4-Bromophenyl-phenylether	16.251	248	11710	2.94	ng	# 1
77) Benzidine	20.111	184	17320	2.22	ng	97
80) Butylbenzylphthalate	20.804	149	64	Below	Cal	# 27
84) Bis(2-ethylhexyl)phtha...	21.680	149	864	Below	Cal	# 97
85) Di-n-octyl phthalate	22.955	149	205	Below	Cal	# 1

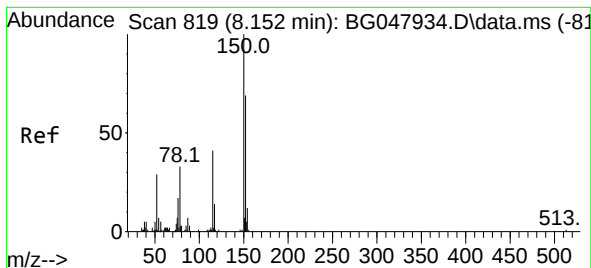
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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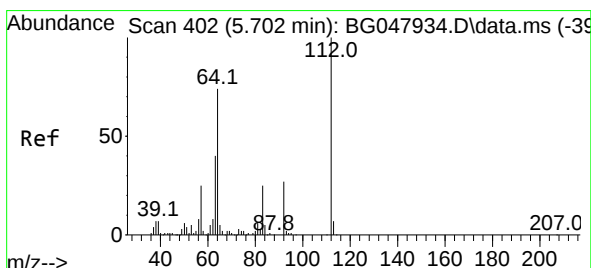
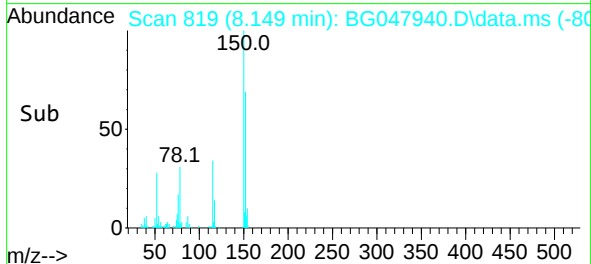
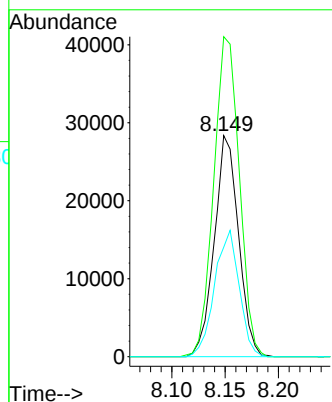
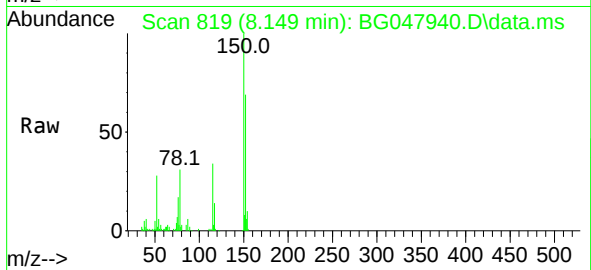




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.149 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

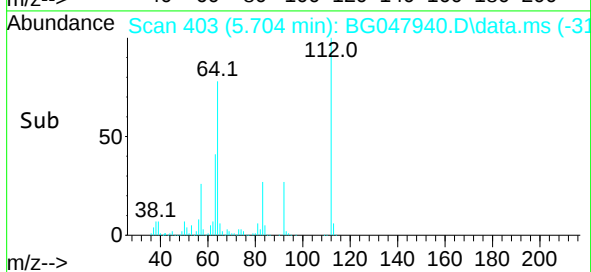
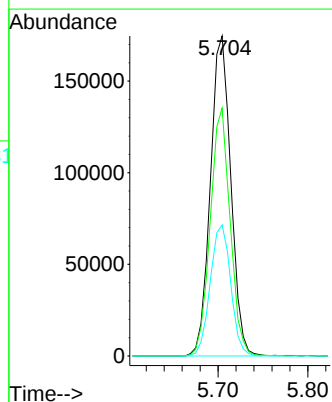
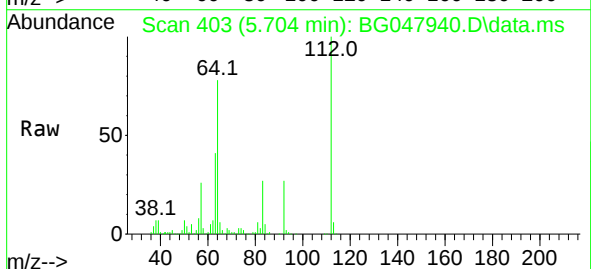
Instrument :
BNA_G
ClientSampleId :
BASIN-4

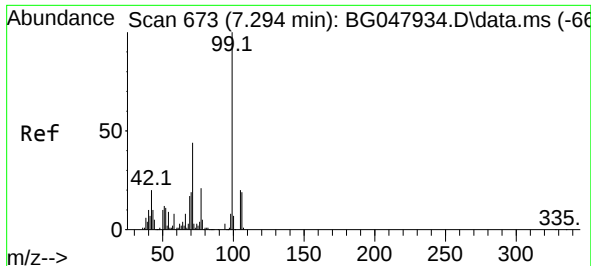
Tgt Ion:152 Resp: 44701
Ion Ratio Lower Upper
152 100
150 144.7 125.0 187.6
115 49.5 41.8 62.6



#5
2-Fluorophenol
Concen: 112.22 ng
RT: 5.704 min Scan# 403
Delta R.T. 0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

Tgt Ion:112 Resp: 275801
Ion Ratio Lower Upper
112 100
64 77.5 46.7 70.1#
63 41.0 22.8 34.2#

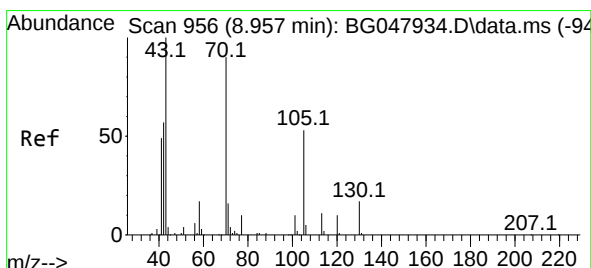
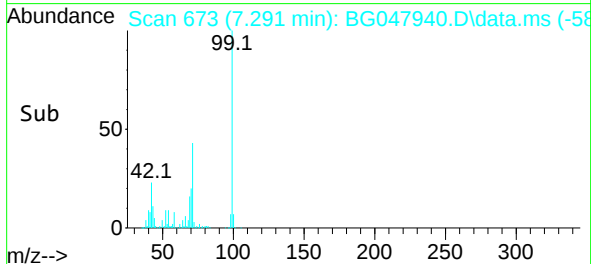
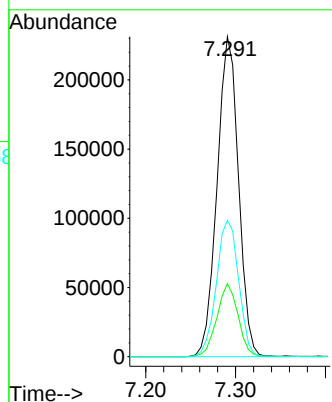
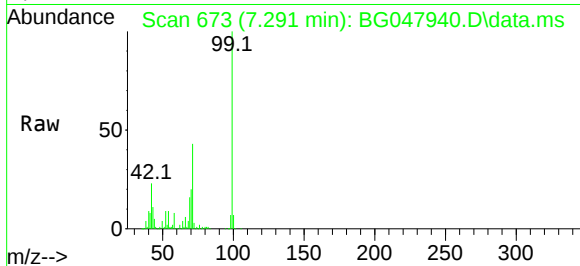




#7
Phenol-d6
Concen: 101.93 ng
RT: 7.291 min Scan# 673
Delta R.T. -0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

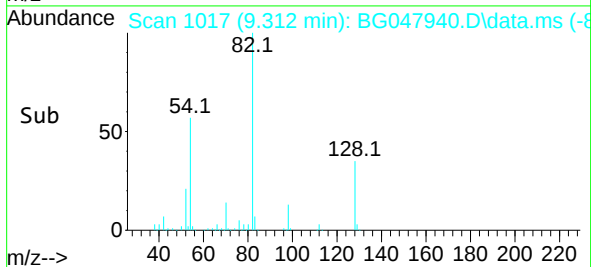
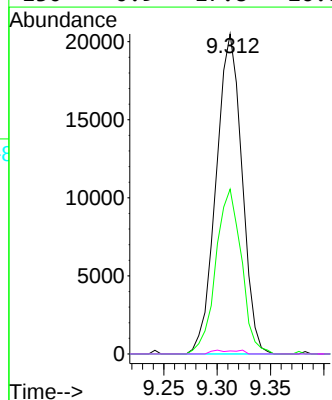
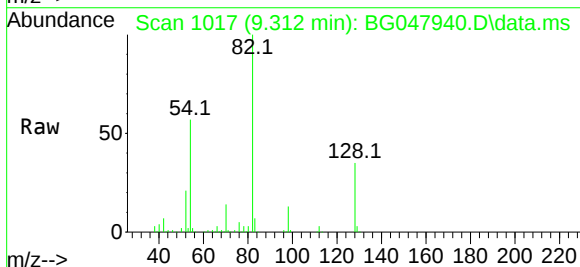
Instrument :
BNA_G
ClientSampleId :
BASIN-4

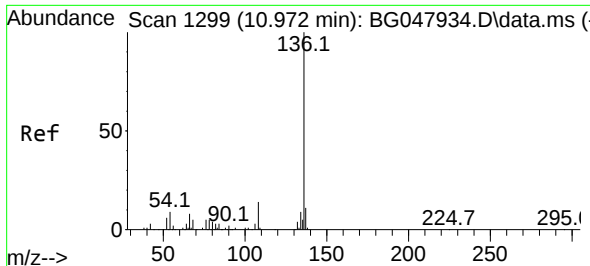
Tgt Ion: 99 Resp: 382876
Ion Ratio Lower Upper
99 100
42 22.8 12.8 19.2#
71 42.7 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.55 ng
RT: 9.312 min Scan# 1017
Delta R.T. 0.355 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

Tgt Ion: 70 Resp: 34577
Ion Ratio Lower Upper
70 100
42 51.5 45.6 68.4
101 0.0 8.4 12.6#
130 0.9 17.8 26.8#

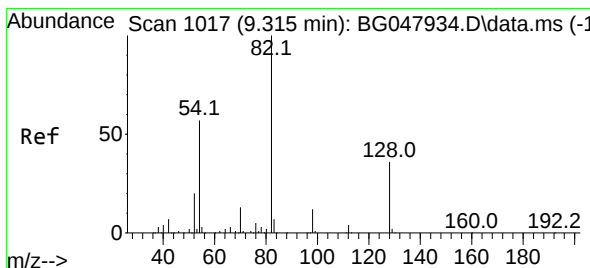
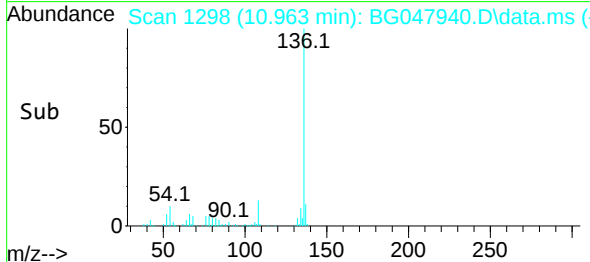
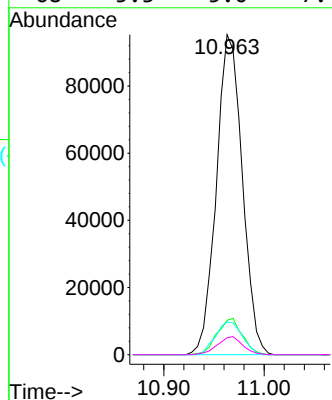
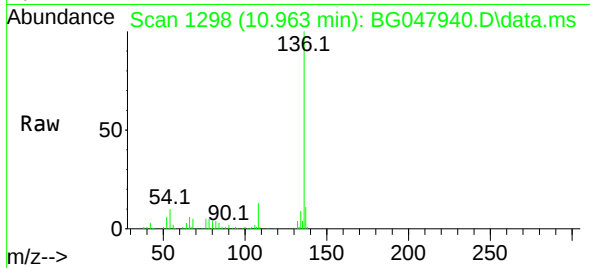




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.963 min Scan# 1298
Delta R.T. -0.009 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

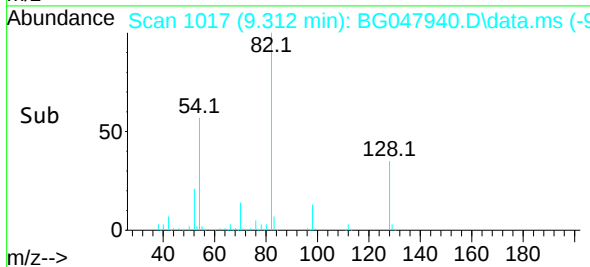
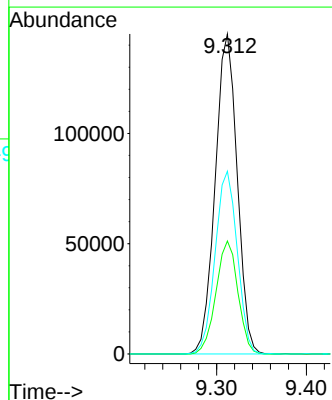
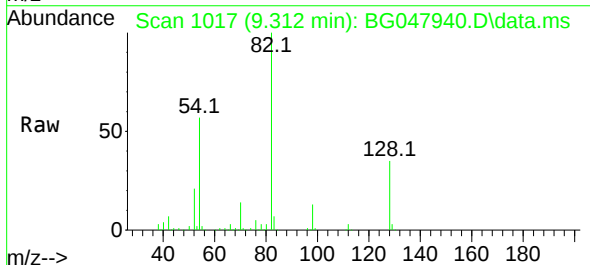
Instrument :
BNA_G
ClientSampleId :
BASIN-4

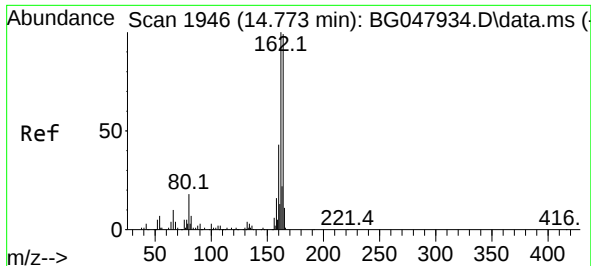
Tgt Ion:	136	Resp:	170755
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.2	6.2	9.4#
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 70.89 ng
RT: 9.312 min Scan# 1017
Delta R.T. -0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

Tgt Ion:	82	Resp:	246698
Ion	Ratio	Lower	Upper
82	100		
128	35.3	37.0	55.6#
54	57.1	39.0	58.4

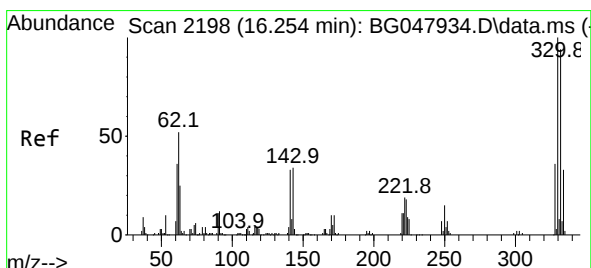
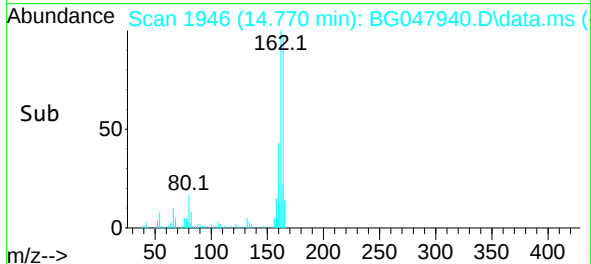
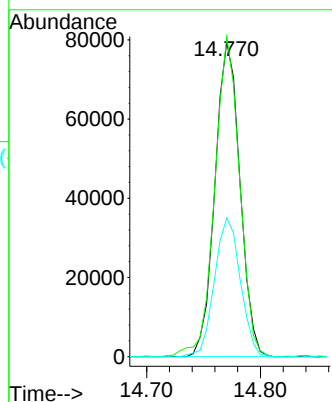
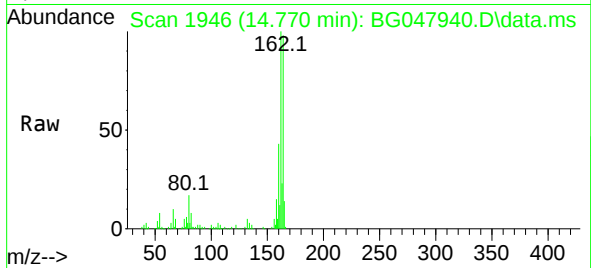




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.770 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

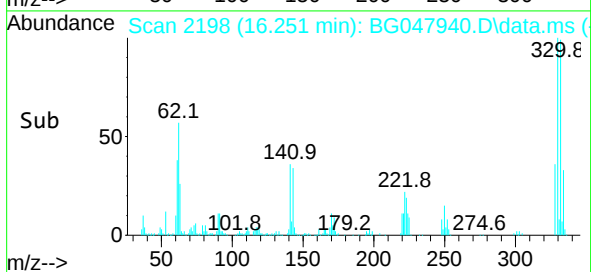
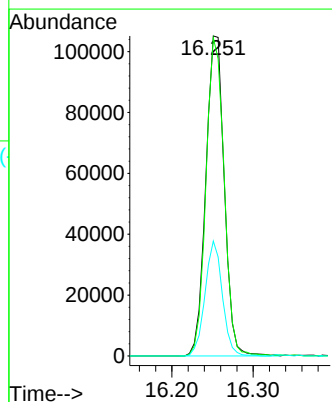
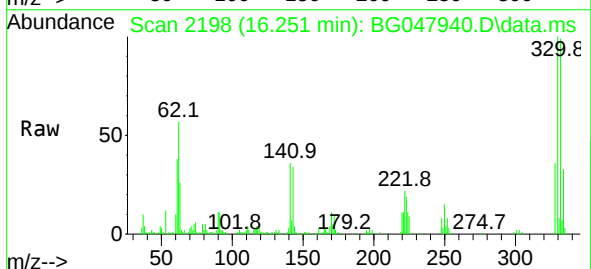
Instrument :
BNA_G
ClientSampleId :
BASIN-4

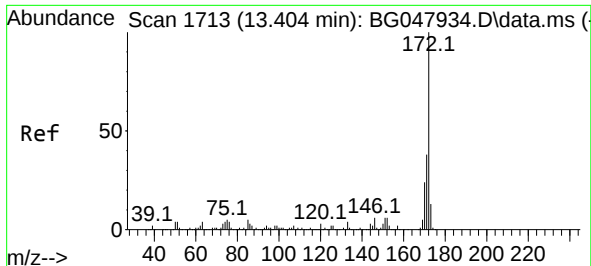
Tgt Ion:164 Resp: 120945
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 44.1 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 103.08 ng
RT: 16.251 min Scan# 2198
Delta R.T. -0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

Tgt Ion:330 Resp: 165570
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 33.7 26.0 39.0

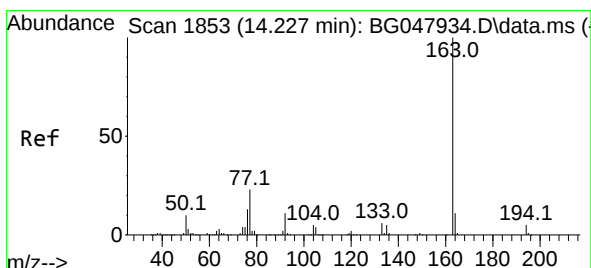
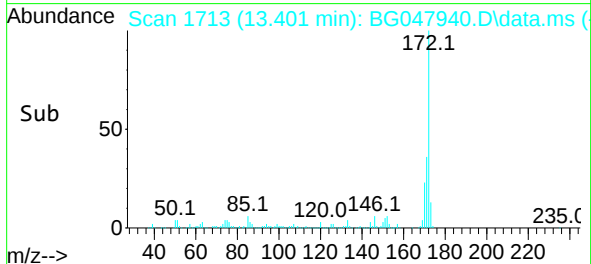
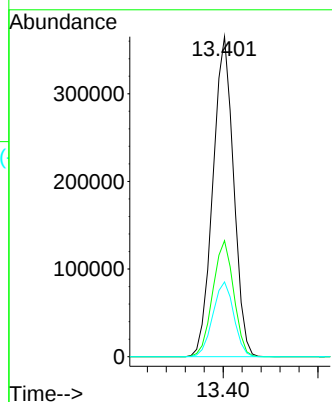
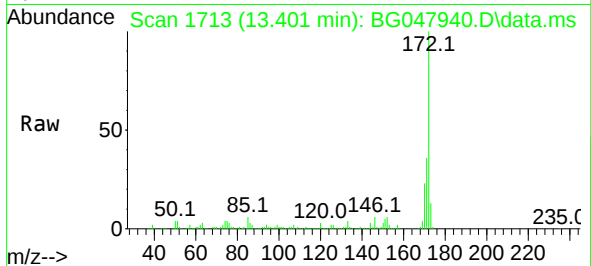




#45
2-Fluorobiphenyl
Concen: 60.72 ng
RT: 13.401 min Scan# 1713
Delta R.T. -0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

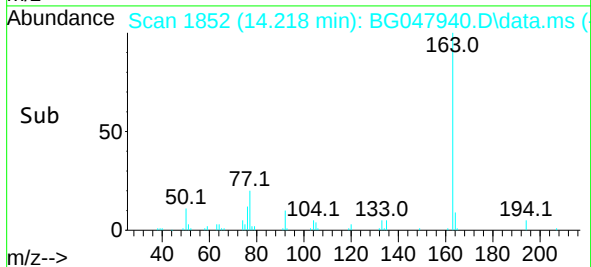
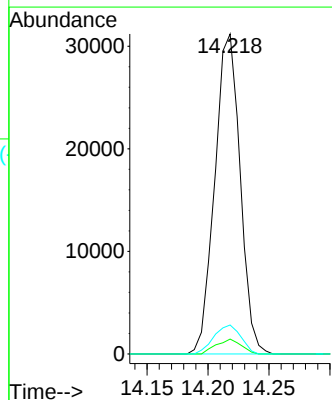
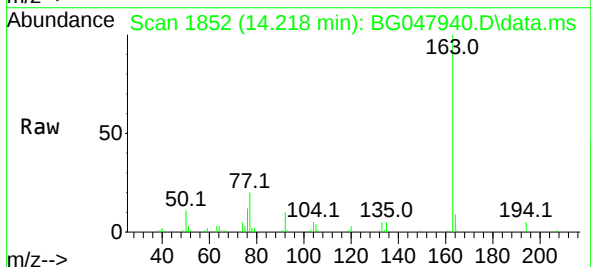
Instrument :
BNA_G
ClientSampleId :
BASIN-4

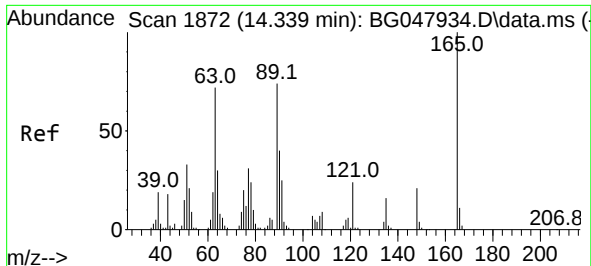
Tgt Ion:172	Resp: 551728
Ion Ratio	Lower Upper
172	100
171	36.2 31.3 46.9
170	23.3 20.8 31.2



#50
Dimethylphthalate
Concen: 5.00 ng
RT: 14.218 min Scan# 1852
Delta R.T. -0.009 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

Tgt Ion:163	Resp: 45136
Ion Ratio	Lower Upper
163	100
194	4.6 3.8 5.8
164	9.1 8.8 13.2

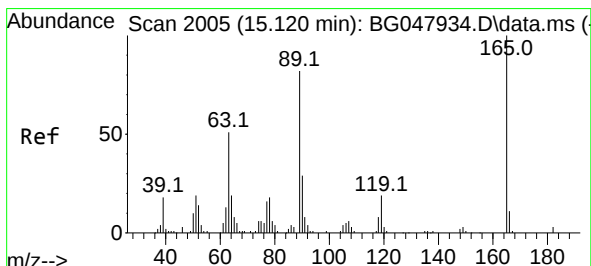
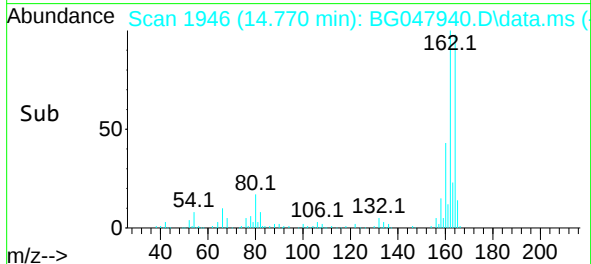
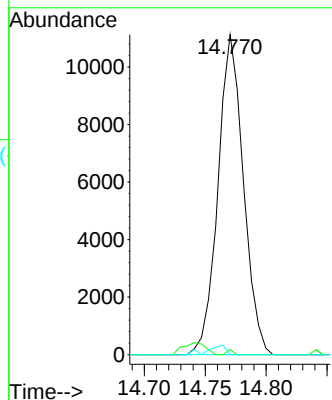
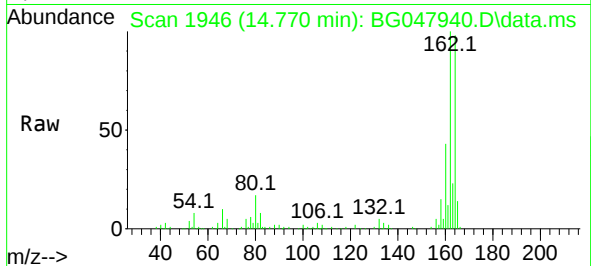




#51
2,6-Dinitrotoluene
Concen: 12.01 ng
RT: 14.770 min Scan# 1946
Delta R.T. 0.431 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

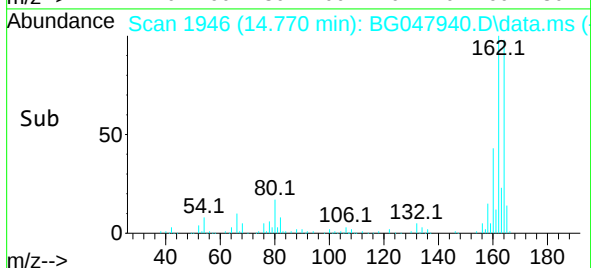
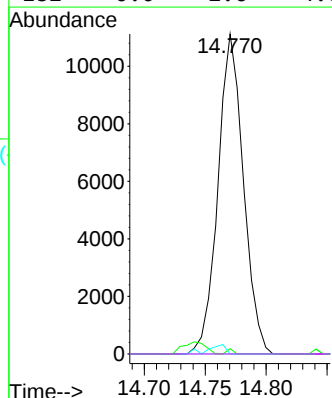
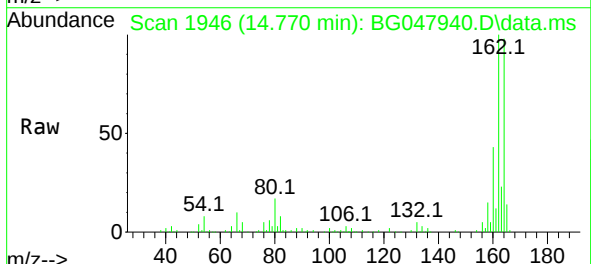
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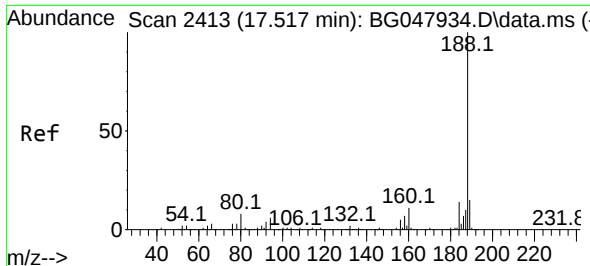
Tgt Ion:165 Resp: 16155
Ion Ratio Lower Upper
165 100
63 1.7 33.7 50.5#
89 0.0 36.6 54.8#



#57
2,4-Dinitrotoluene
Concen: 9.06 ng
RT: 14.770 min Scan# 1946
Delta R.T. -0.350 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

Tgt Ion:165 Resp: 16155
Ion Ratio Lower Upper
165 100
63 1.7 26.4 39.6#
89 0.0 47.8 71.8#
182 0.0 2.6 4.0#

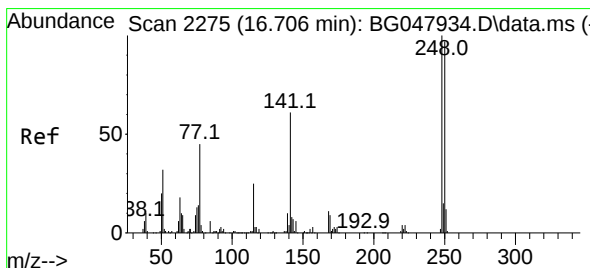
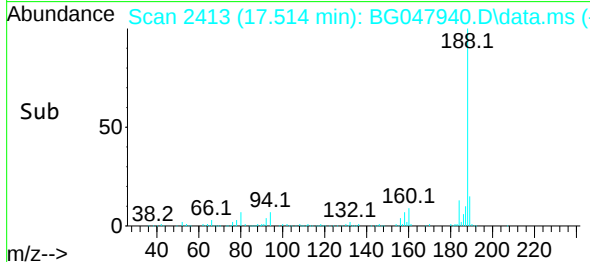
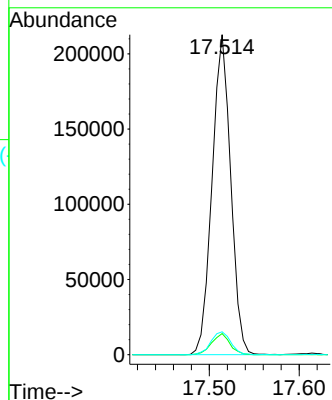
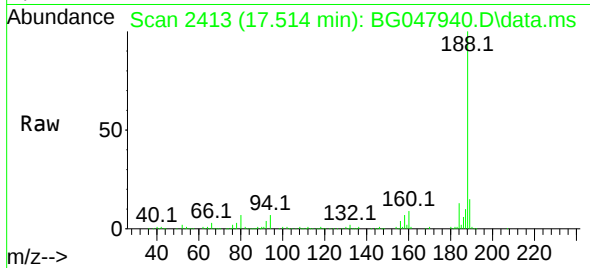




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.514 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

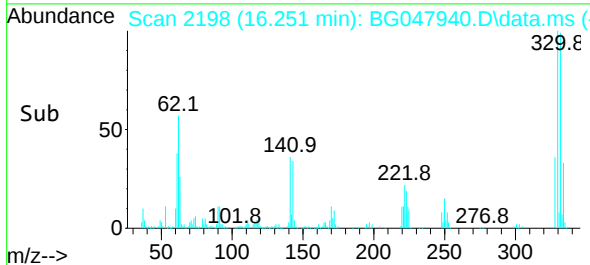
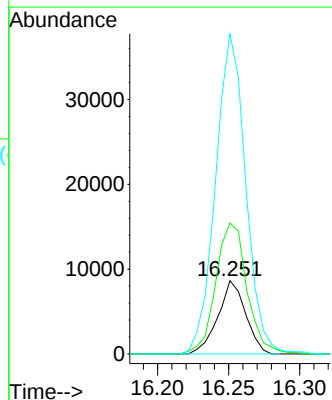
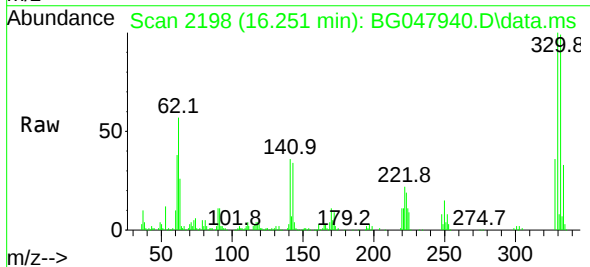
Instrument :
BNA_G
ClientSampleId :
BASIN-4

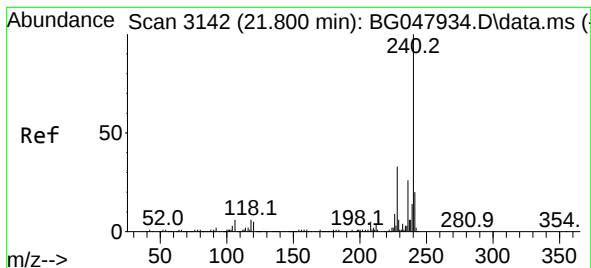
Tgt Ion:188 Resp: 305895
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 16.251 min Scan# 2198
Delta R.T. -0.455 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

Tgt Ion:248 Resp: 11710
Ion Ratio Lower Upper
248 100
250 178.4 78.9 118.3#
141 436.5 46.2 69.4#

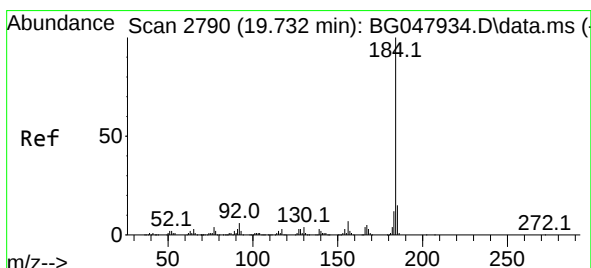
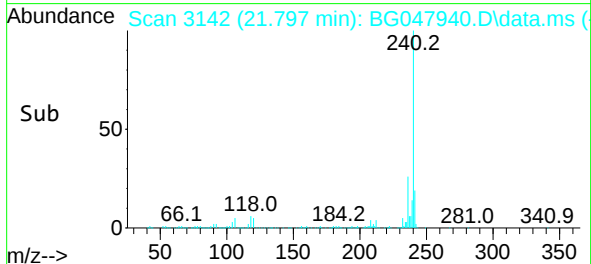
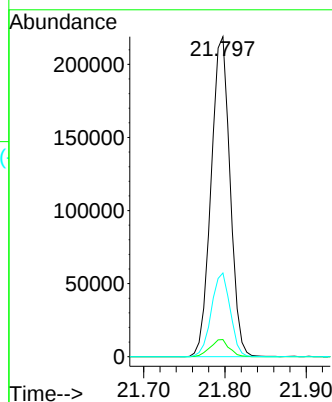
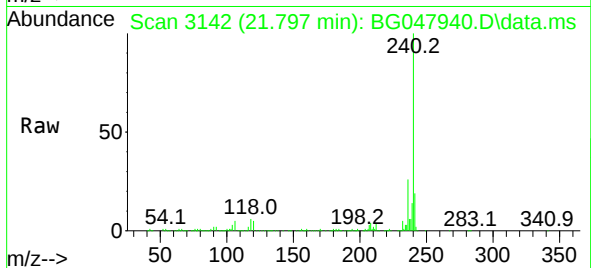




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.797 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

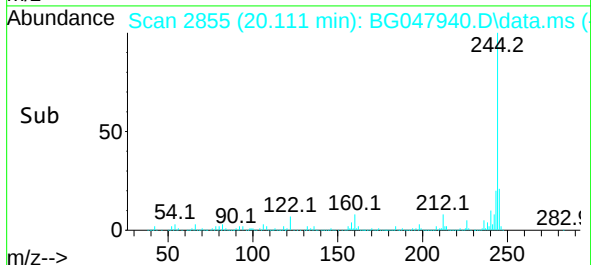
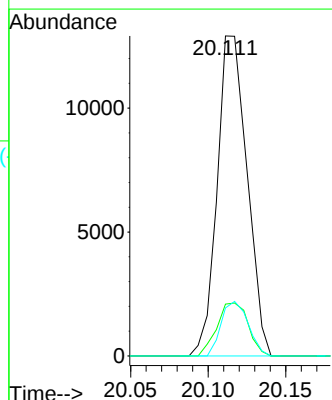
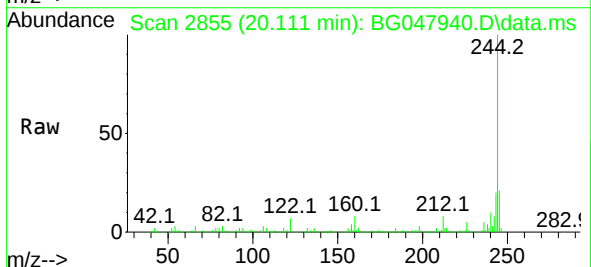
Instrument :
BNA_G
ClientSampled :
BASIN-4

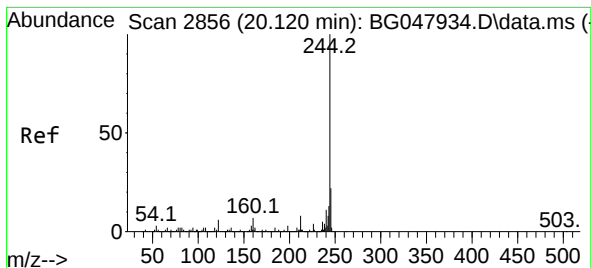
Tgt Ion:240 Resp: 354350
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.1 20.5 30.7



#77
Benzidine
Concen: 2.22 ng
RT: 20.111 min Scan# 2855
Delta R.T. 0.379 min
Lab File: BG047940.D
Acq: 20 Jan 2021 16:53

Tgt Ion:184 Resp: 17320
Ion Ratio Lower Upper
184 100
185 16.2 12.4 18.6
183 15.0 10.6 15.8





#79

Terphenyl-d14

Concen: 52.86 ng

RT: 20.117 min Scan# 2856

Delta R.T. -0.003 min

Lab File: BG047940.D

Acq: 20 Jan 2021 16:53

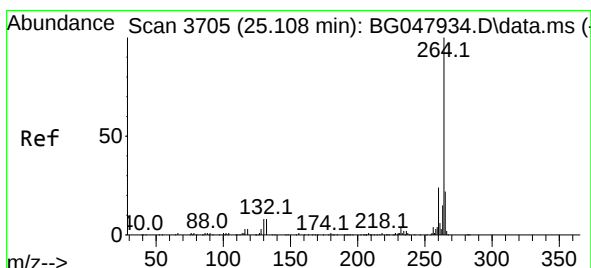
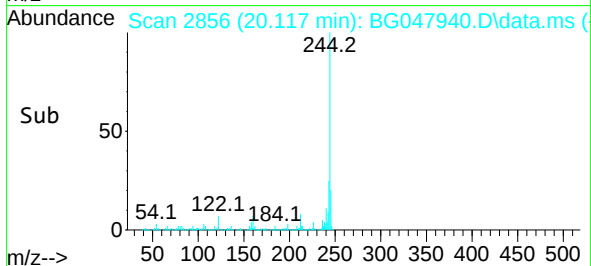
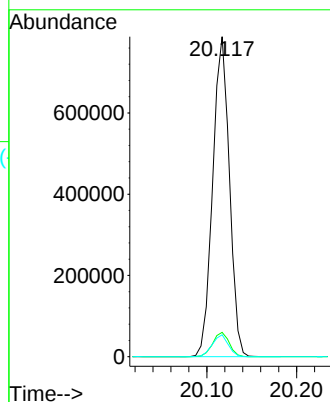
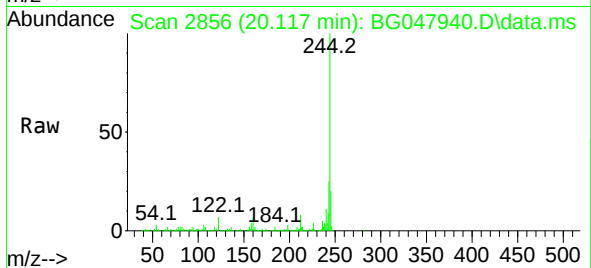
Tgt Ion:244 Resp: 1015678

Ion Ratio Lower Upper

244 100

212 7.6 6.7 10.1

122 6.9 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.099 min Scan# 3704

Delta R.T. -0.009 min

Lab File: BG047940.D

Acq: 20 Jan 2021 16:53

Tgt Ion:264 Resp: 344730

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.6 17.8 26.8

