

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
 Data File : BG047943.D
 Acq On : 20 Jan 2021 18:55
 Operator : CG/JU
 Sample : M1120-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-011321

Quant Time: Jan 21 00:16:39 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)

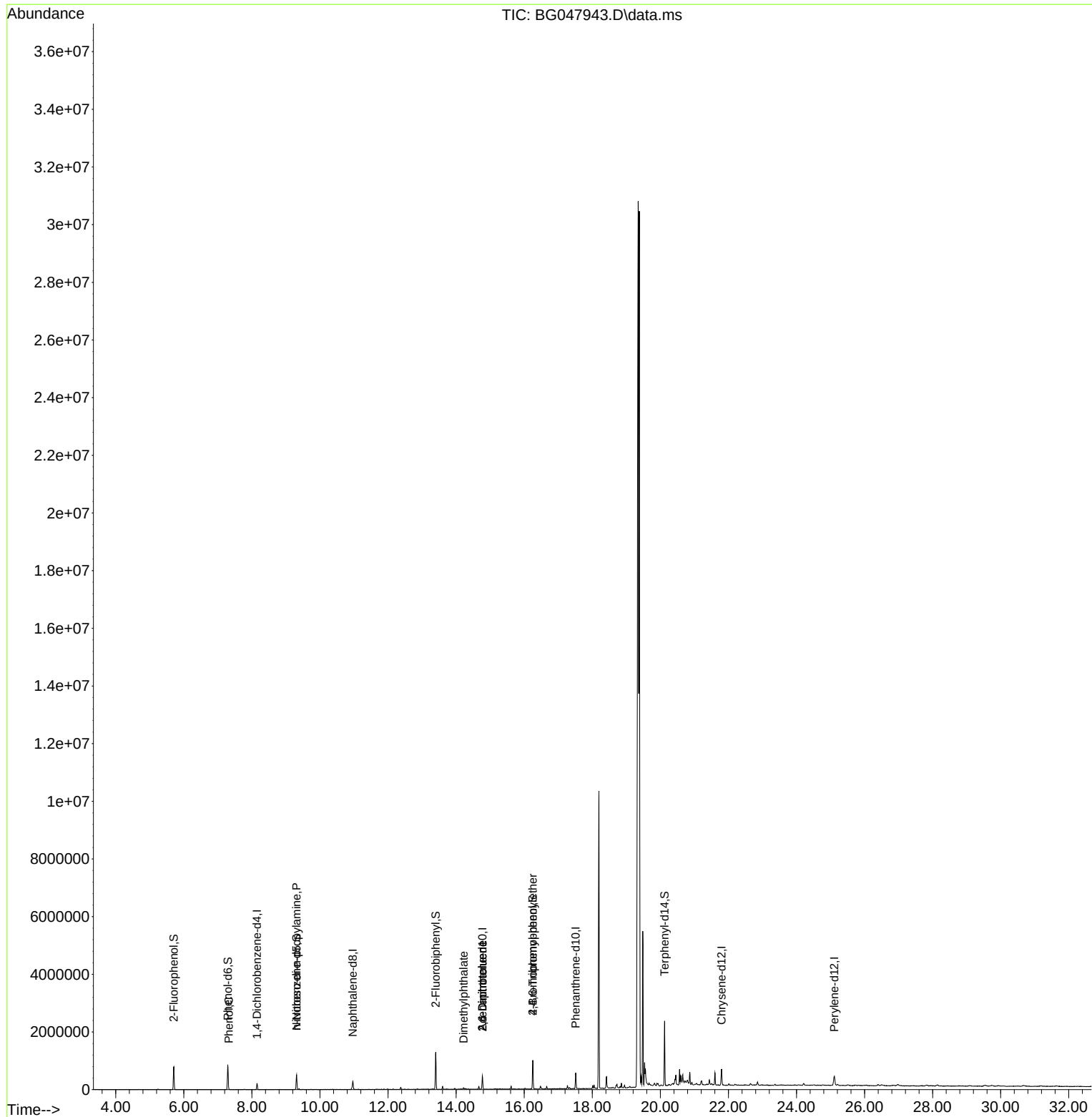
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	56752	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	225382	20.00	ng	# 0.00
39) Acenaphthene-d10	14.771	164	158754	20.00	ng	0.00
64) Phenanthrene-d10	17.515	188	350069	20.00	ng	# 0.00
76) Chrysene-d12	21.798	240	358042	20.00	ng	# 0.00
86) Perylene-d12	25.112	264	354224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	313433	100.45	ng	0.00
7) Phenol-d6	7.291	99	439571	92.17	ng	0.00
23) Nitrobenzene-d5	9.313	82	287973	62.69	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	187589	88.98	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	652807	54.74	ng	0.00
79) Terphenyl-d14	20.123	244	922167	47.50	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.321	94	10743	2.36	ng	87
19) n-Nitroso-di-n-propyla...	9.313	70	40759	11.65	ng	# 81
29) 2,4-Dichlorophenol	10.840	162	66	Below Cal	#	26
32) Benzoic acid	9.871	122	62	Below Cal	#	22
36) 4-Chloro-3-methylphenol	12.309	107	56	Below Cal	#	15
48) 2-Nitroaniline	13.848	65	77	Below Cal	#	1
50) Dimethylphthalate	14.219	163	26845	2.27	ng	# 96
51) 2,6-Dinitrotoluene	14.771	165	20694	11.73	ng	# 36
57) 2,4-Dinitrotoluene	14.771	165	20694	8.84	ng	# 34
67) 4-Bromophenyl-phenylether	16.251	248	13719	3.01	ng	# 1
80) Butylbenzylphthalate	20.805	149	1676	Below Cal	#	1
84) Bis(2-ethylhexyl)phtha...	21.686	149	2303	Below Cal	#	75
85) Di-n-octyl phthalate	22.944	149	255	Below Cal	#	79

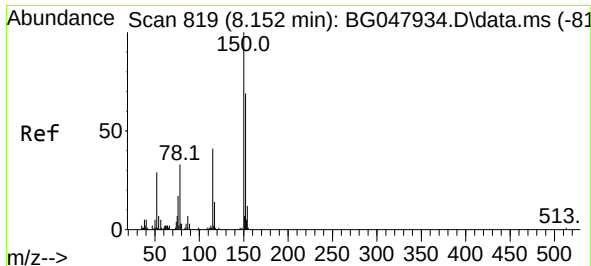
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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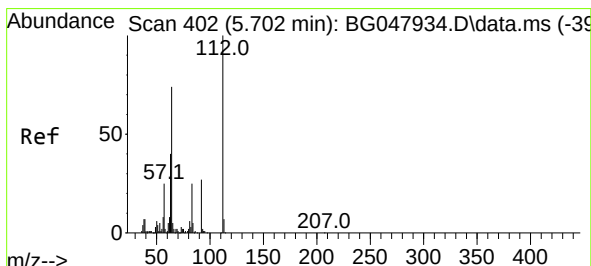
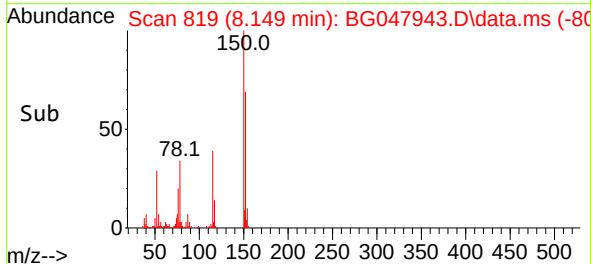
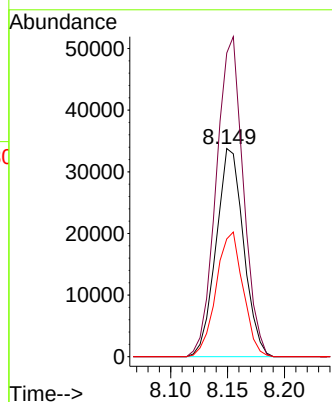
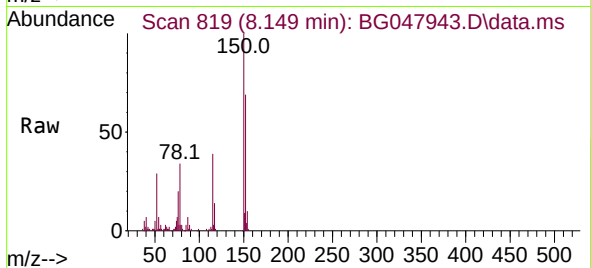




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.149 min Scan# 819
Delta R.T. -0.003 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

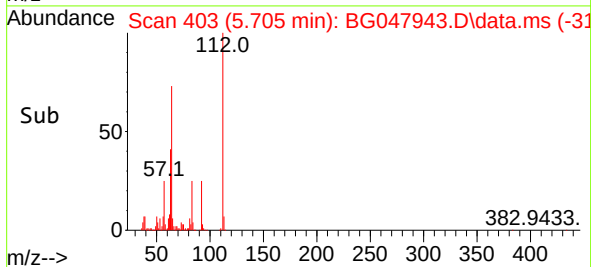
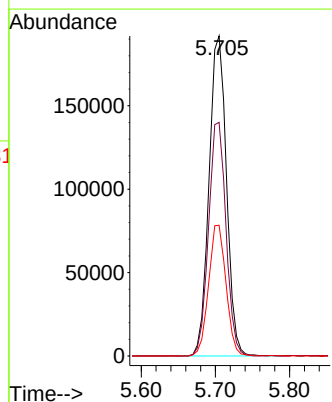
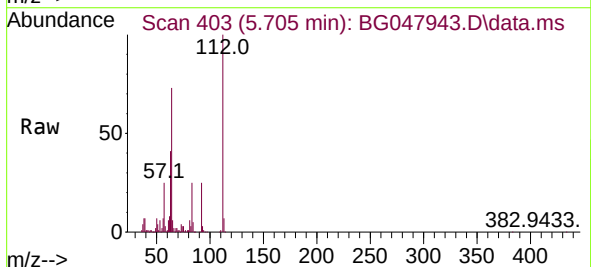
Instrument :
BNA_G
ClientSampleId :
AU-05-011321

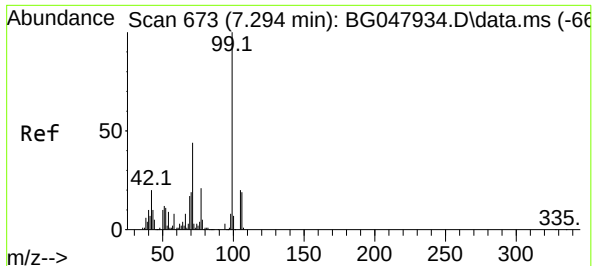
Tgt Ion:152 Resp: 56752
Ion Ratio Lower Upper
152 100
150 145.9 125.0 187.6
115 56.5 41.8 62.6



#5
2-Fluorophenol
Concen: 100.45 ng
RT: 5.705 min Scan# 403
Delta R.T. 0.003 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

Tgt Ion:112 Resp: 313433
Ion Ratio Lower Upper
112 100
64 73.0 46.7 70.1#
63 40.9 22.8 34.2#

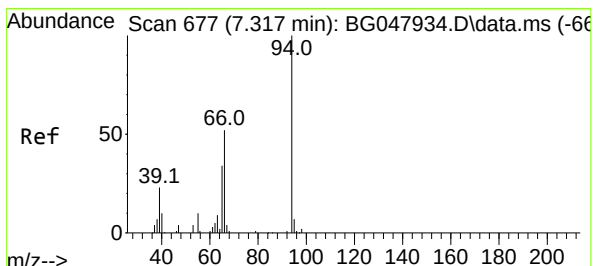
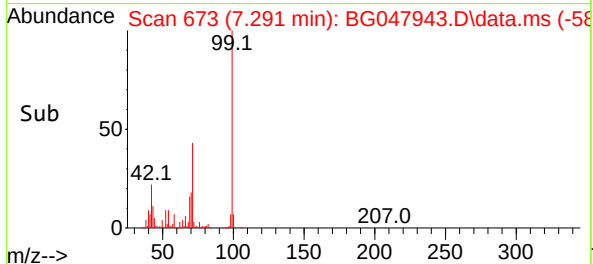
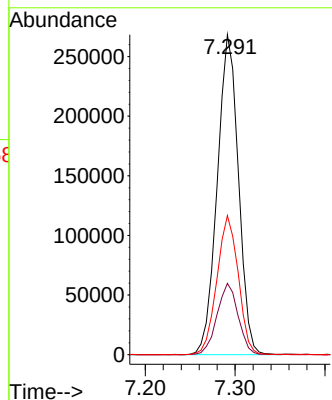
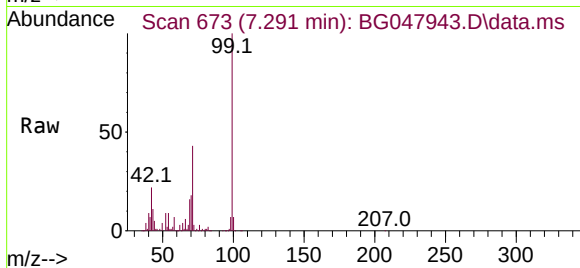




#7
Phenol-d6
Concen: 92.17 ng
RT: 7.291 min Scan# 673
Delta R.T. -0.003 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

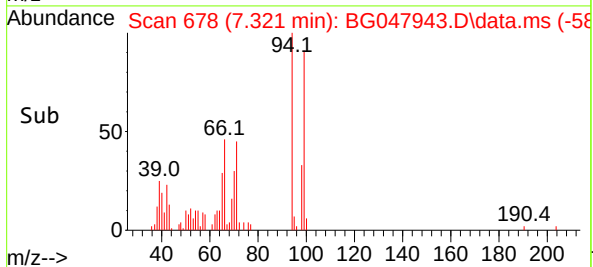
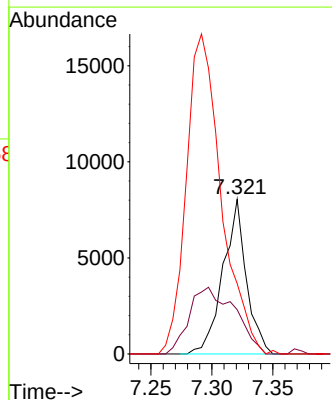
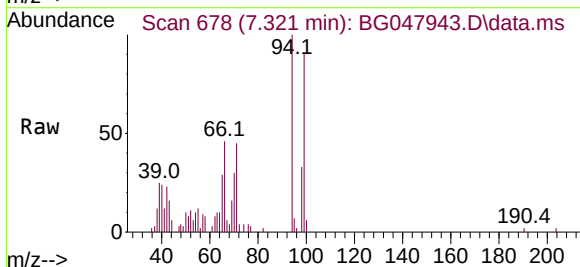
Instrument :
BNA_G
ClientSampleId :
AU-05-011321

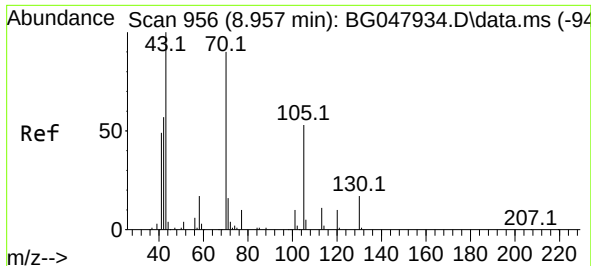
Tgt Ion: 99 Resp: 439571
Ion Ratio Lower Upper
99 100
42 22.3 12.8 19.2#
71 43.4 24.6 36.8#



#10
Phenol
Concen: 2.36 ng
RT: 7.321 min Scan# 678
Delta R.T. 0.003 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

Tgt Ion: 94 Resp: 10743
Ion Ratio Lower Upper
94 100
65 28.7 6.6 46.6
66 45.5 13.9 53.9

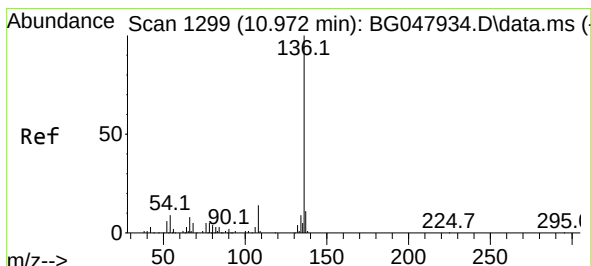
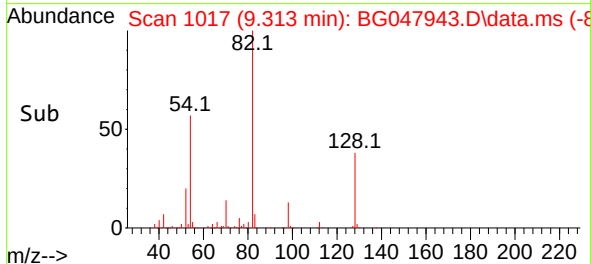
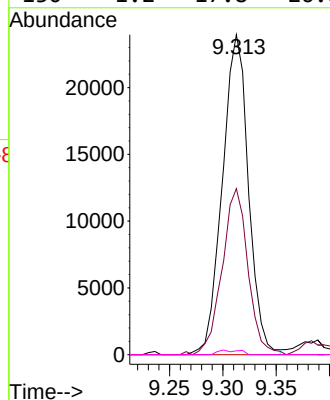
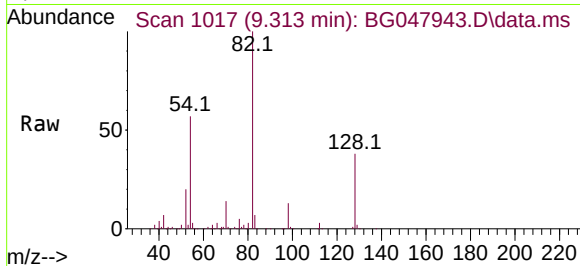




#19
n-Nitroso-di-n-propylamine
Concen: 11.65 ng
RT: 9.313 min Scan# 1017
Delta R.T. 0.356 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

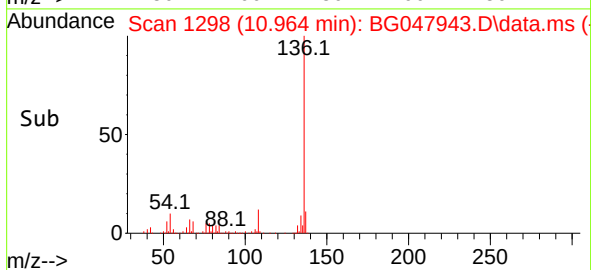
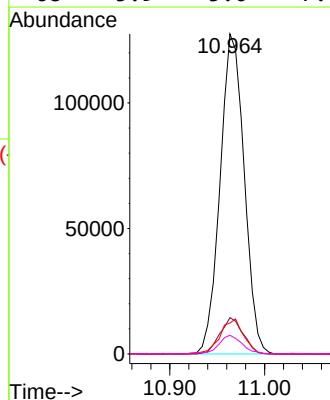
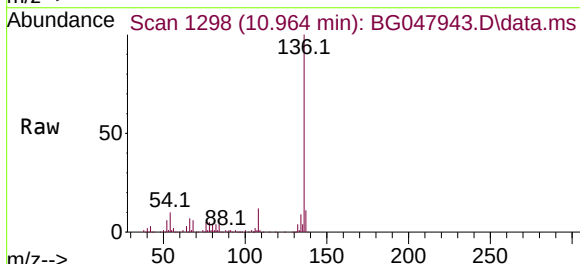
Instrument :
BNA_G
ClientSampleId :
AU-05-011321

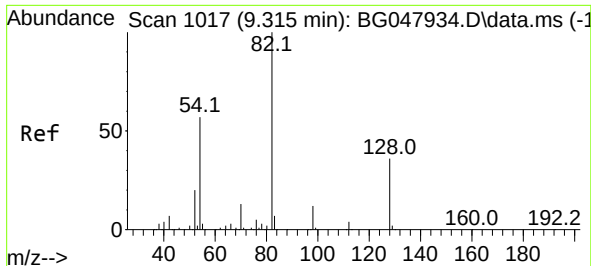
Tgt Ion: 70	Resp: 40759
Ion Ratio	Lower Upper
70 100	
42 51.9	45.6 68.4
101 0.0	8.4 12.6#
130 1.2	17.8 26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1298
Delta R.T. -0.008 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

Tgt Ion: 136	Resp: 225382
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 9.6	6.2 9.4#
68 5.9	5.0 7.4

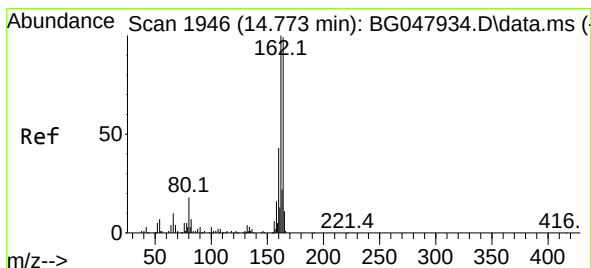
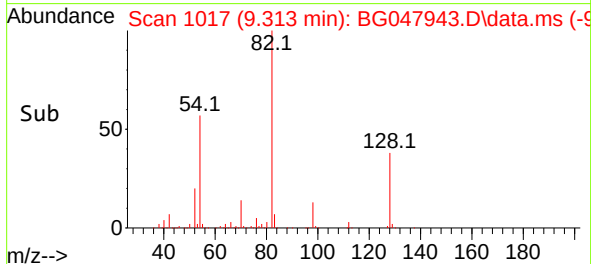
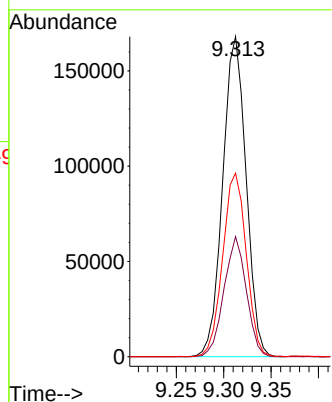
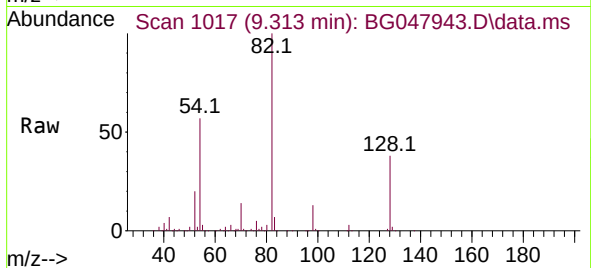




#23
Nitrobenzene-d5
Concen: 62.69 ng
RT: 9.313 min Scan# 1017
Delta R.T. -0.002 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

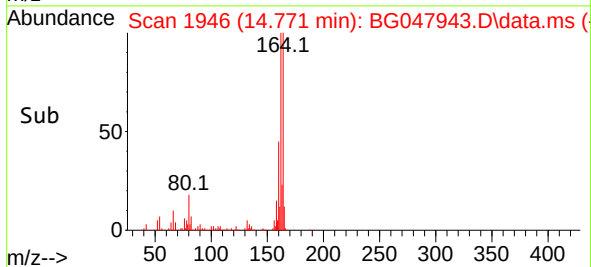
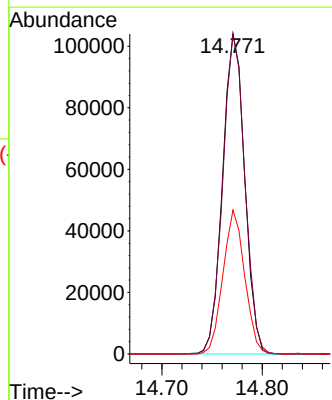
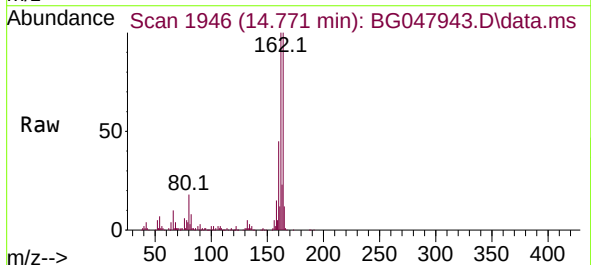
Instrument :
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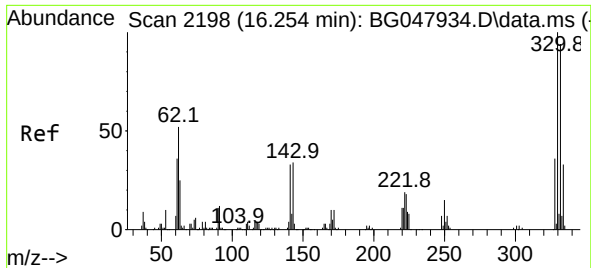
Tgt Ion: 82 Resp: 287973
Ion Ratio Lower Upper
82 100
128 37.5 37.0 55.6
54 57.4 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

Tgt Ion: 164 Resp: 158754
Ion Ratio Lower Upper
164 100
162 100.0 82.3 123.5
160 44.9 35.3 52.9

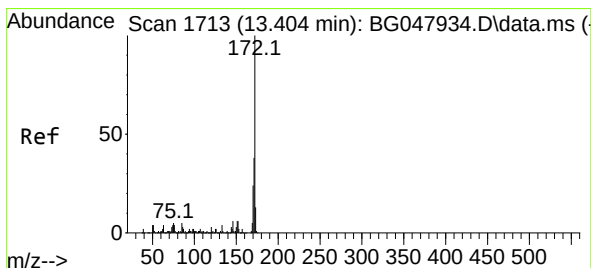
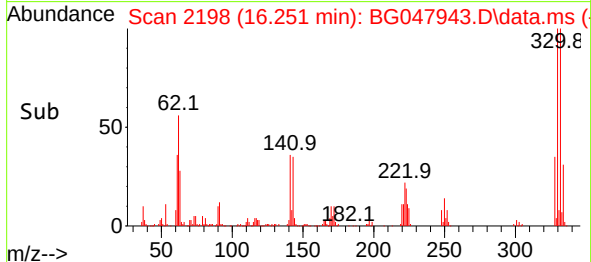
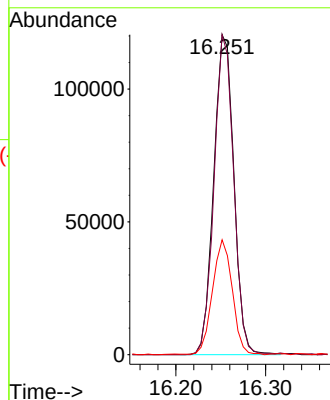
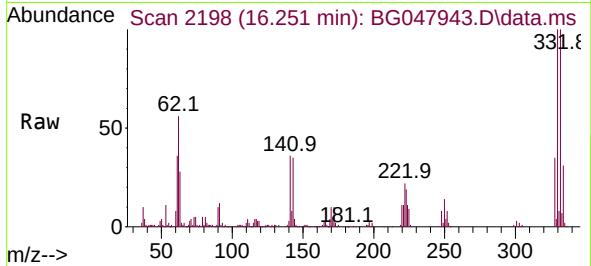




#42
2,4,6-Tribromophenol
Concen: 88.98 ng
RT: 16.251 min Scan# 2198
Delta R.T. -0.003 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

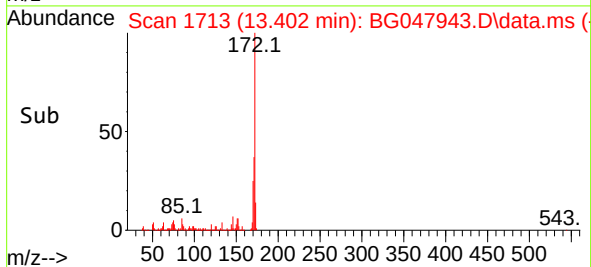
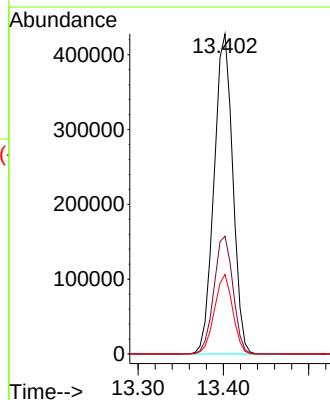
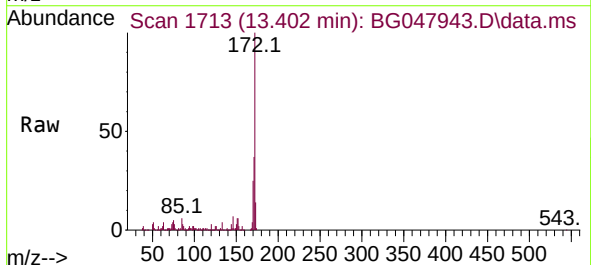
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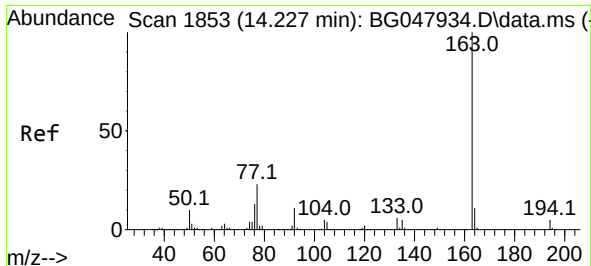
Tgt Ion:330 Resp: 187589
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 35.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 54.74 ng
RT: 13.402 min Scan# 1713
Delta R.T. -0.002 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

Tgt Ion:172 Resp: 652807
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 24.9 20.8 31.2

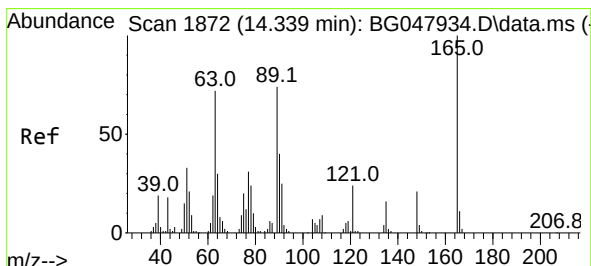
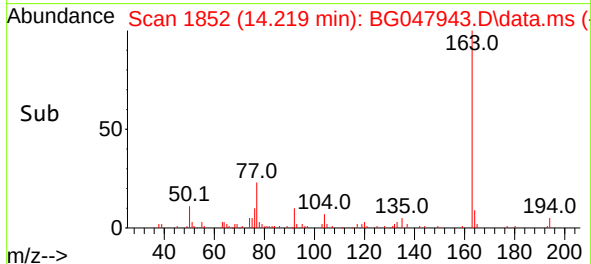
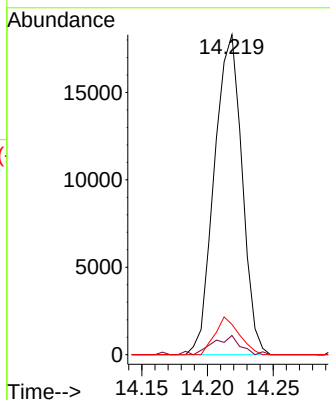
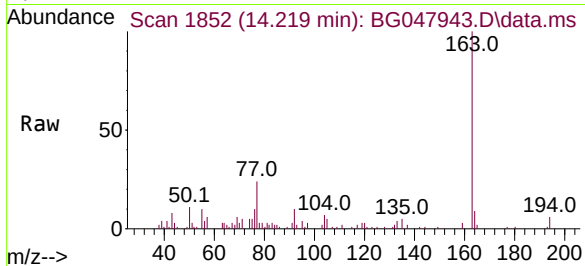




#50
Dimethylphthalate
Concen: 2.27 ng
RT: 14.219 min Scan# 1852
Delta R.T. -0.008 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

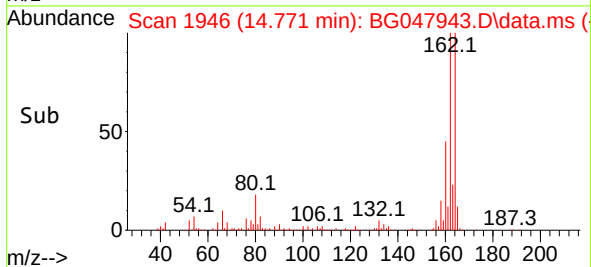
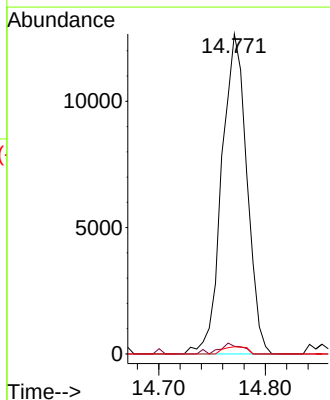
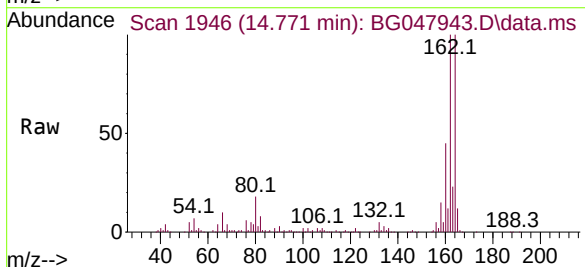
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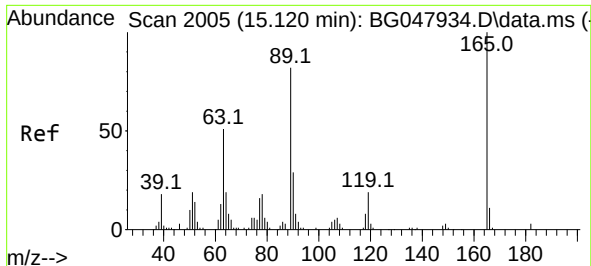
Tgt Ion:163 Resp: 26845
Ion Ratio Lower Upper
163 100
194 6.0 3.8 5.8#
164 9.5 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 11.73 ng
RT: 14.771 min Scan# 1946
Delta R.T. 0.432 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

Tgt Ion:165 Resp: 20694
Ion Ratio Lower Upper
165 100
63 2.4 33.7 50.5#
89 2.2 36.6 54.8#

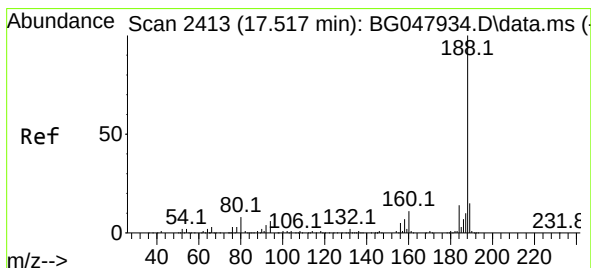
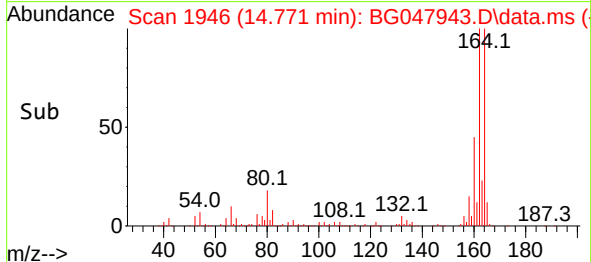
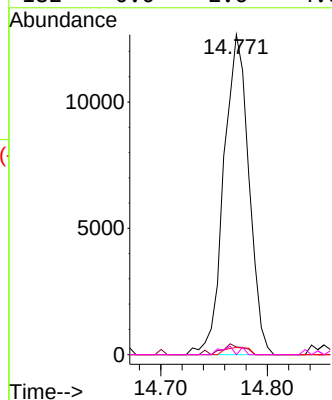
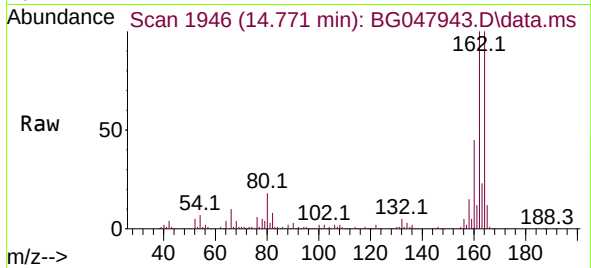




#57
2,4-Dinitrotoluene
Concen: 8.84 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.349 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

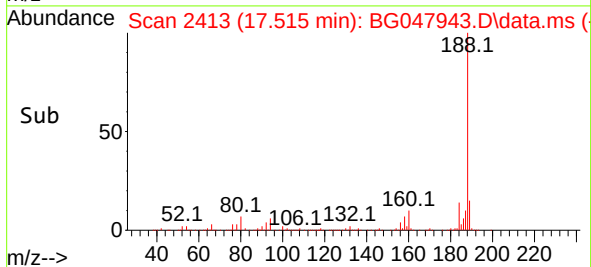
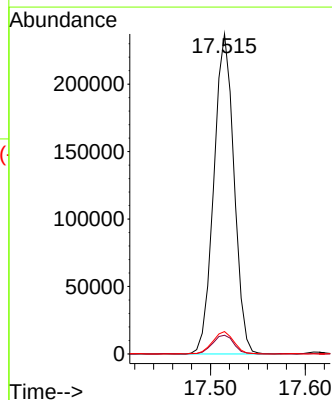
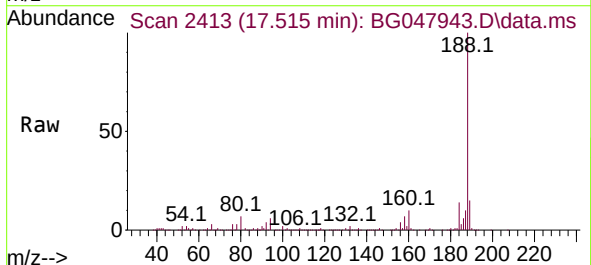
Instrument :
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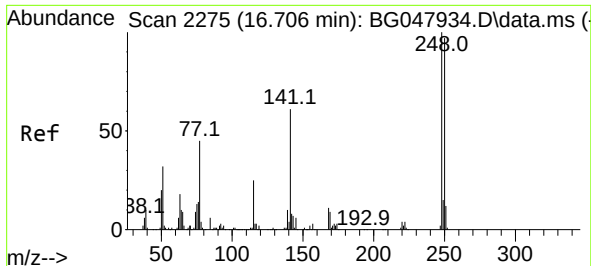
Tgt Ion:165 Resp: 20694
Ion Ratio Lower Upper
165 100
63 2.4 26.4 39.6#
89 2.2 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.515 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

Tgt Ion:188 Resp: 350069
Ion Ratio Lower Upper
188 100
94 5.8 6.3 9.5#
80 7.0 7.0 10.6#

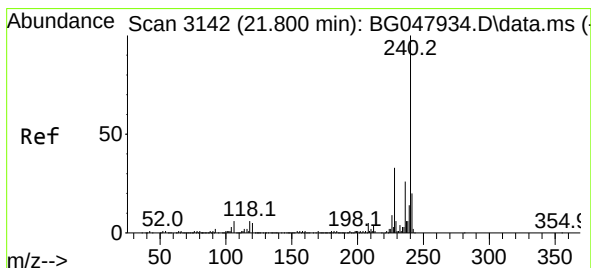
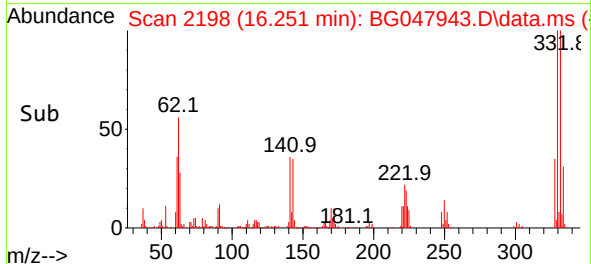
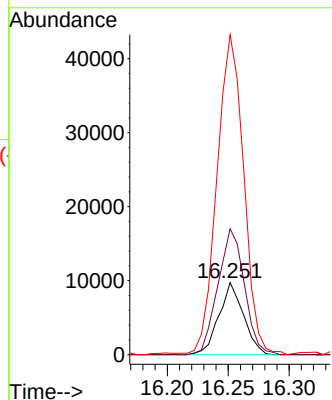
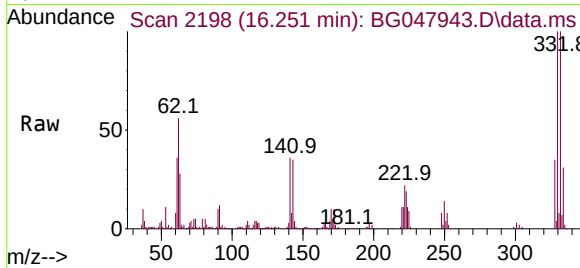




#67
4-Bromophenyl-phenylether
Concen: 3.01 ng
RT: 16.251 min Scan# 2198
Delta R.T. -0.455 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

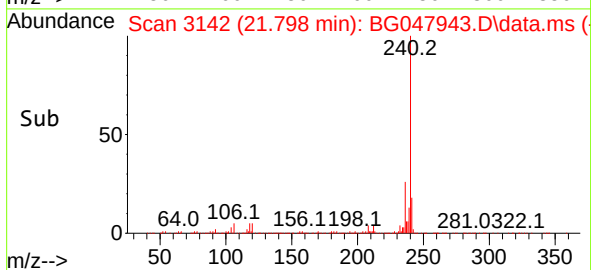
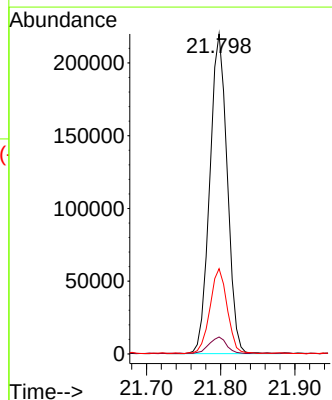
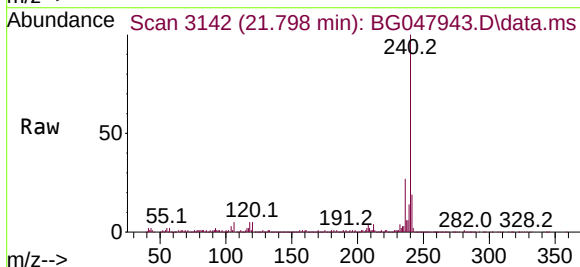
Instrument :
BNA_G
ClientSampleId :
AU-05-011321

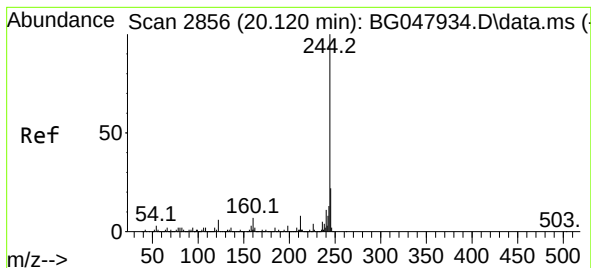
Tgt Ion:248 Resp: 13719
Ion Ratio Lower Upper
248 100
250 174.3 78.9 118.3#
141 443.1 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.002 min
Lab File: BG047943.D
Acq: 20 Jan 2021 18:55

Tgt Ion:240 Resp: 358042
Ion Ratio Lower Upper
240 100
120 5.3 6.2 9.4#
236 26.6 20.5 30.7





#79

Terphenyl-d14

Concen: 47.50 ng

RT: 20.123 min Scan# 2857

Delta R.T. 0.003 min

Lab File: BG047943.D

Acq: 20 Jan 2021 18:55

Tgt Ion:244 Resp: 922167

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

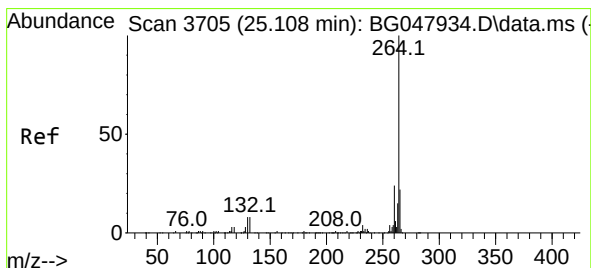
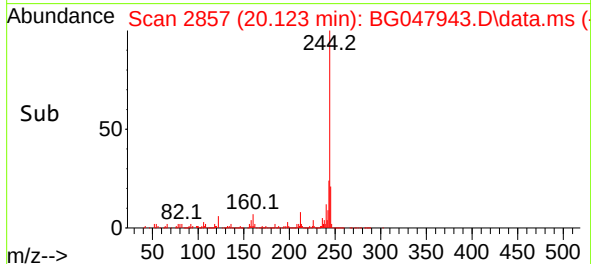
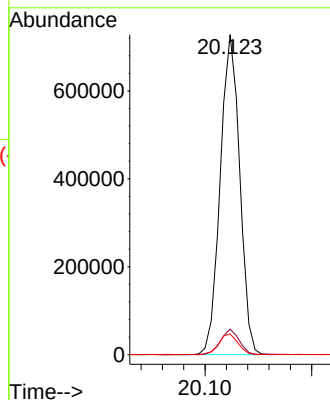
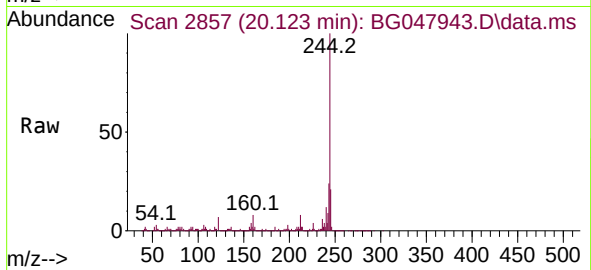
122 6.5 7.8 11.6#

Instrument :

BNA_G

ClientSampleId :

AU-05-011321



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.112 min Scan# 3706

Delta R.T. 0.004 min

Lab File: BG047943.D

Acq: 20 Jan 2021 18:55

Tgt Ion:264 Resp: 354224

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 20.9 17.8 26.8

