

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047963.D
 Acq On : 21 Jan 2021 21:24
 Operator : CG/JU
 Sample : M1191-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0042-044-COMP-D

Quant Time: Jan 21 23:41:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

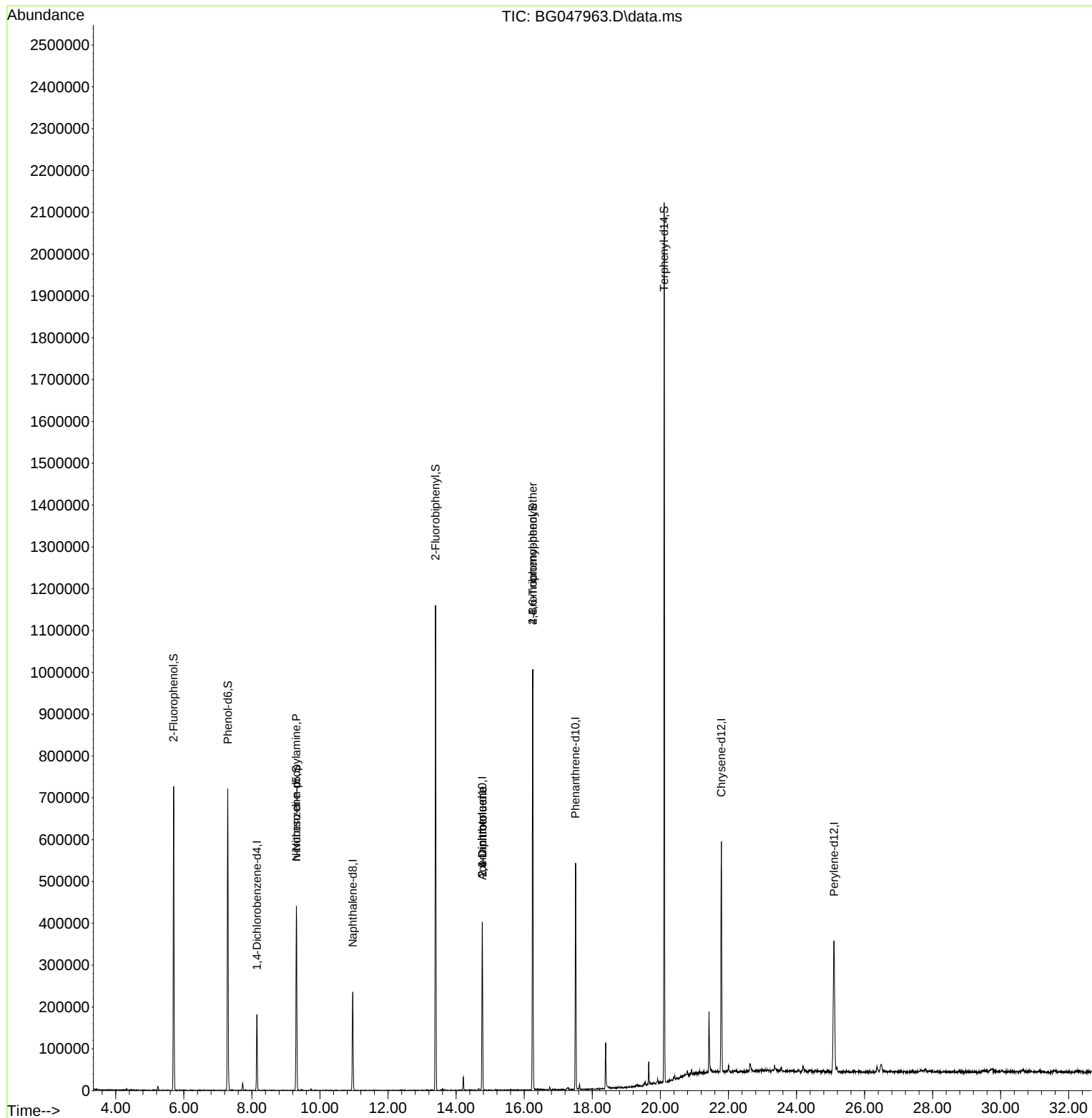
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	49687	20.00	ng	0.00
21) Naphthalene-d8	10.964	136	191718	20.00	ng	0.00
39) Acenaphthene-d10	14.765	164	145059	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	348285	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	354976	20.00	ng	# 0.00
86) Perylene-d12	25.100	264	363093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	271329	89.06	ng	0.00
7) Phenol-d6	7.292	99	377300	82.04	ng	0.00
23) Nitrobenzene-d5	9.307	82	256906	58.92	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	196608	84.69	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	584712	53.83	ng	0.00
79) Terphenyl-d14	20.112	244	929120	48.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.590	88	94	Below Cal	#	79
9) Benzaldehyde	7.280	77	868	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.307	70	37469	11.51	ng	# 75
32) Benzoic acid	10.206	122	93	Below Cal	#	1
51) 2,6-Dinitrotoluene	14.771	165	18757	7.73	ng	# 35
57) 2,4-Dinitrotoluene	14.771	165	18757	5.51	ng	# 33
67) 4-Bromophenyl-phenylether	16.252	248	13540	2.93	ng	# 1

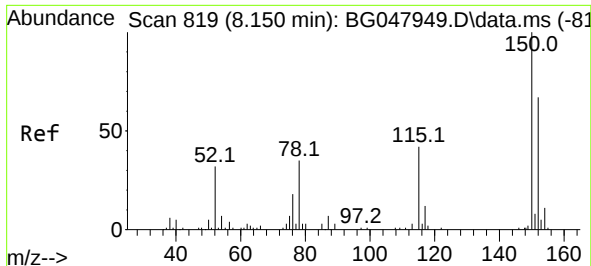
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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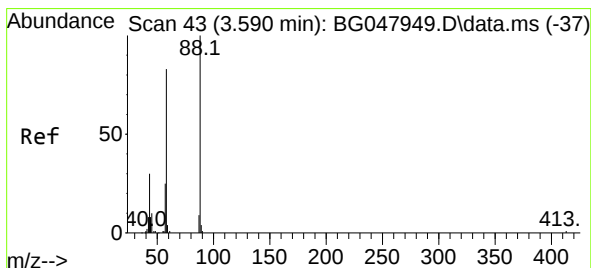
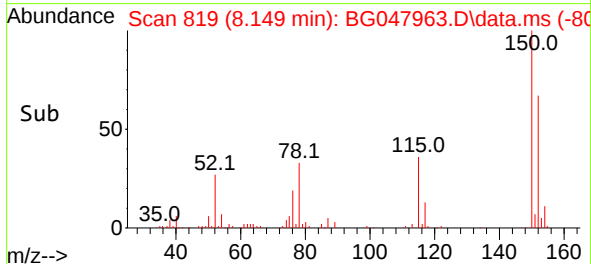
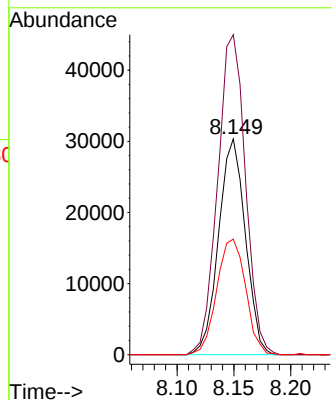
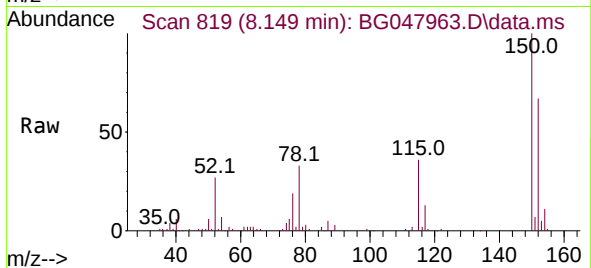




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.149 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

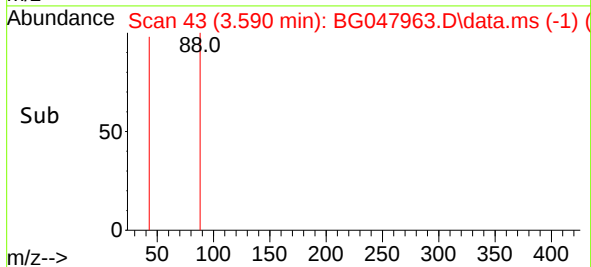
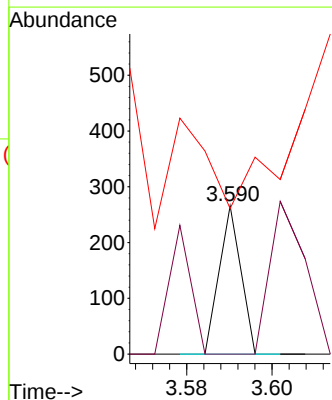
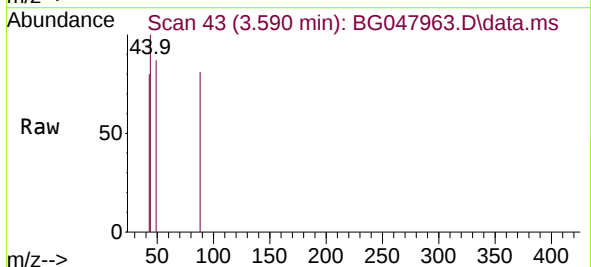
Instrument :
BNA_G
ClientSampleId :
0042-044-COMP-D

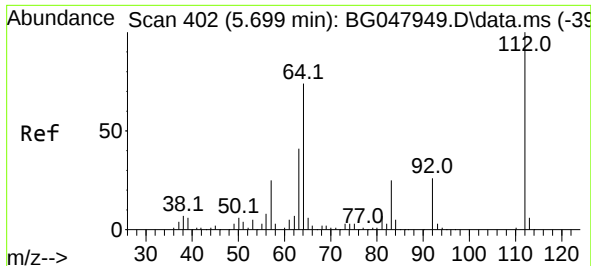
Tgt Ion:152 Resp: 49687
Ion Ratio Lower Upper
152 100
150 148.3 125.0 187.6
115 53.6 41.8 62.6



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.590 min Scan# 43
Delta R.T. 0.000 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
58 86.2 61.6 92.4
43 0.0 21.3 31.9#

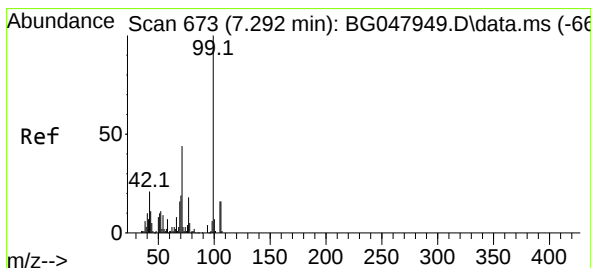
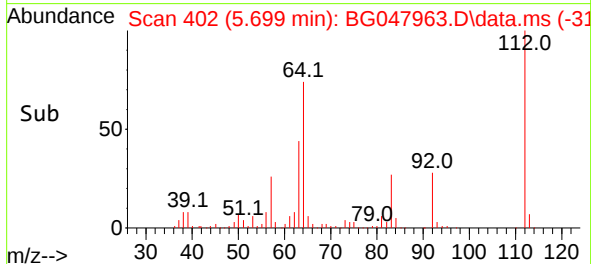
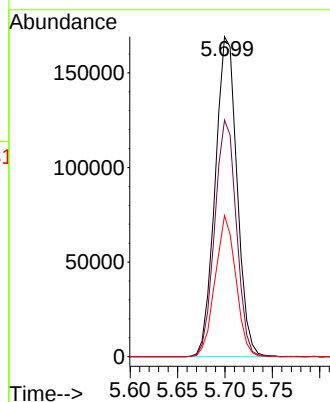
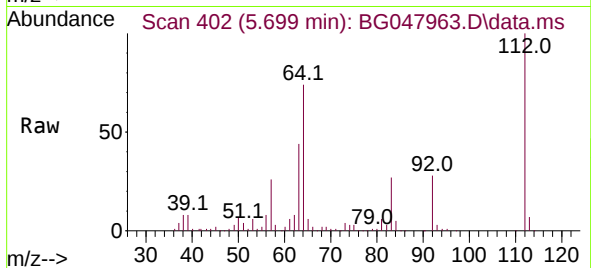




#5
2-Fluorophenol
Concen: 89.06 ng
RT: 5.699 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

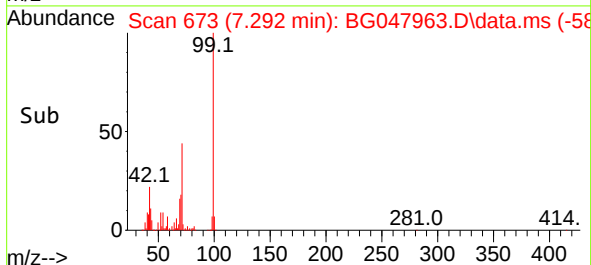
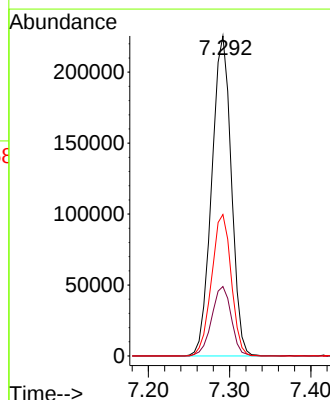
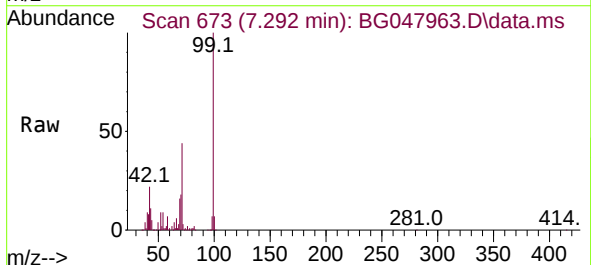
Instrument :
BNA_G
ClientSampleId :
0042-044-COMP-D

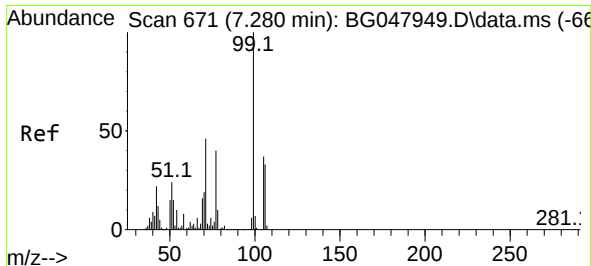
Tgt Ion:112 Resp: 271329
Ion Ratio Lower Upper
112 100
64 74.0 46.7 70.1#
63 44.1 22.8 34.2#



#7
Phenol-d6
Concen: 82.04 ng
RT: 7.292 min Scan# 673
Delta R.T. -0.000 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Tgt Ion: 99 Resp: 377300
Ion Ratio Lower Upper
99 100
42 21.7 12.8 19.2#
71 44.2 24.6 36.8#

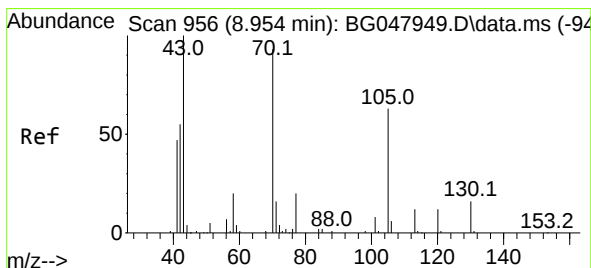
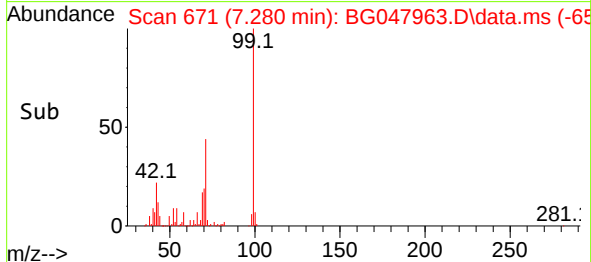
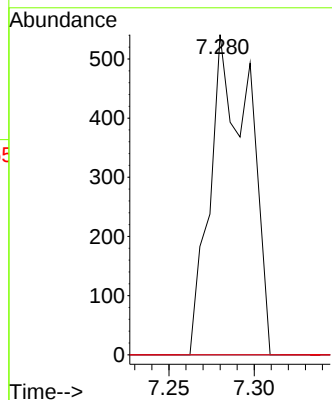
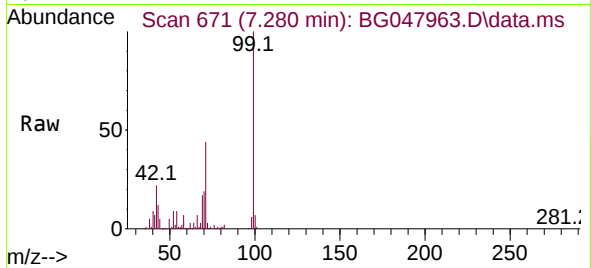




#9
Benzaldehyde
Concen: Below Cal
RT: 7.280 min Scan# 671
Delta R.T. -0.000 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

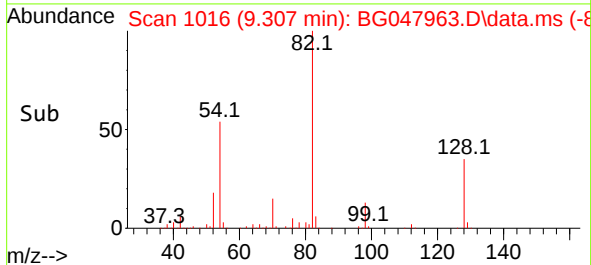
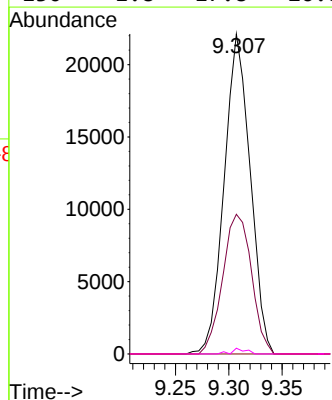
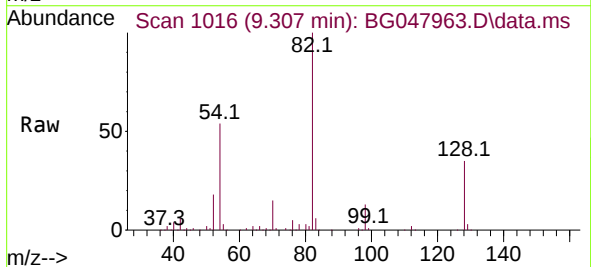
Instrument :
BNA_G
ClientSampleId :
0042-044-COMP-D

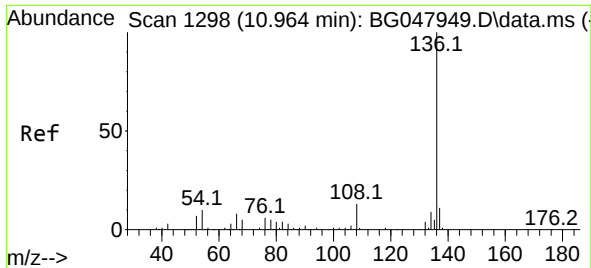
Tgt Ion: 77 Resp: 868
Ion Ratio Lower Upper
77 100
105 0.0 85.9 125.9#
106 0.0 80.9 120.9#



#19
n-Nitroso-di-n-propylamine
Concen: 11.51 ng
RT: 9.307 min Scan# 1016
Delta R.T. 0.353 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Tgt Ion: 70 Resp: 37469
Ion Ratio Lower Upper
70 100
42 43.6 45.6 68.4#
101 0.0 8.4 12.6#
130 1.8 17.8 26.8#

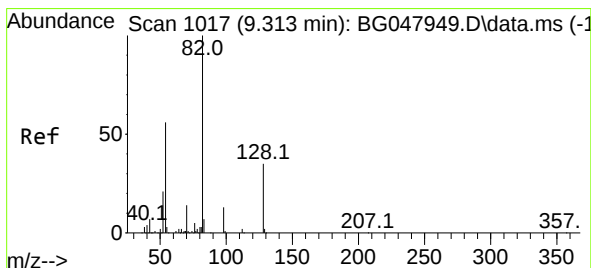
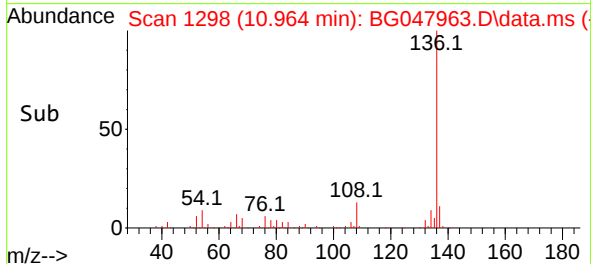
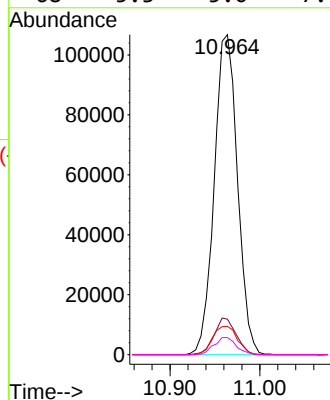
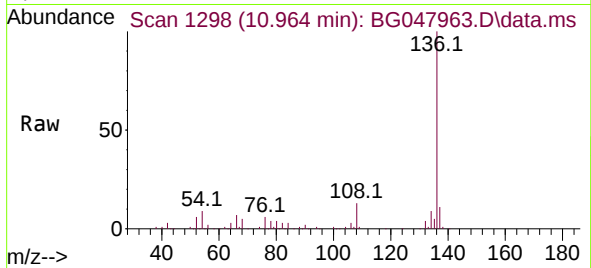




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.964 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

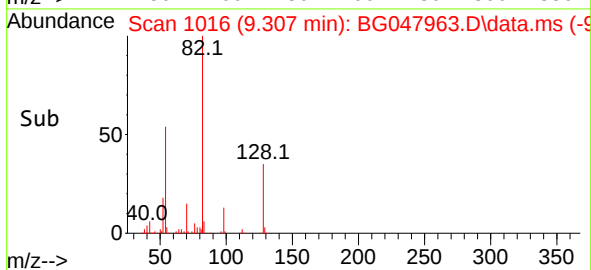
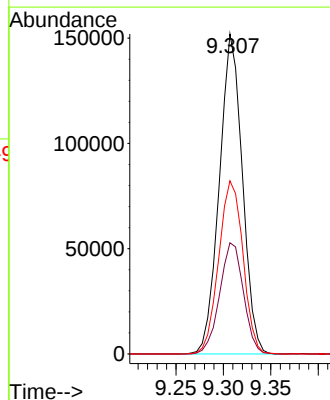
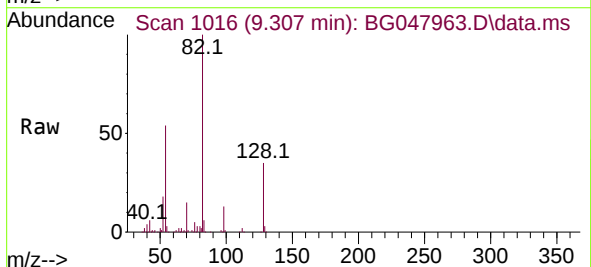
Instrument :
BNA_G
ClientSampleId :
0042-044-COMP-D

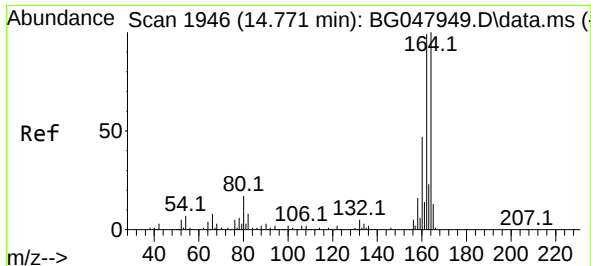
Tgt Ion:	136	Resp:	191718
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.8	6.2	9.4
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 58.92 ng
RT: 9.307 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Tgt Ion:	82	Resp:	256906
Ion Ratio	Lower	Upper	
82	100		
128	34.7	37.0	55.6#
54	54.1	39.0	58.4

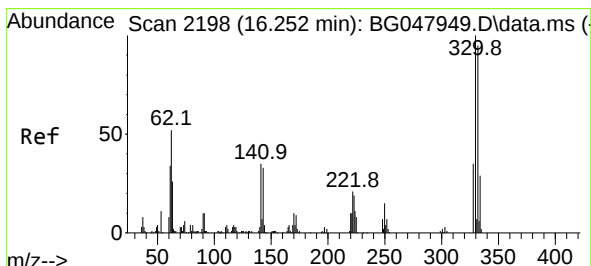
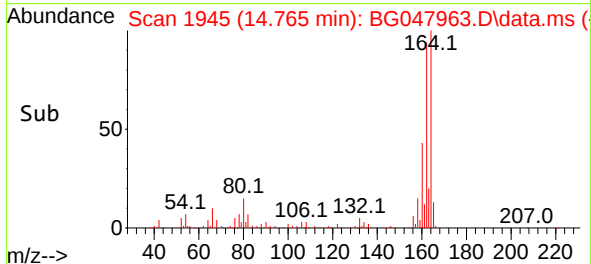
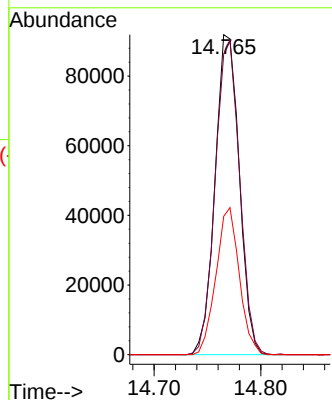
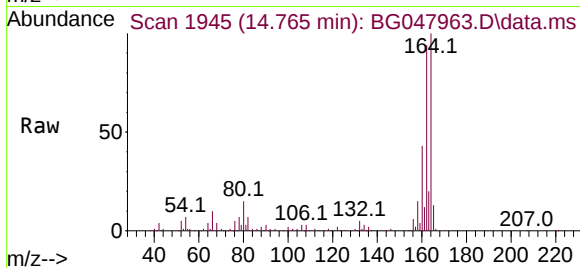




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.765 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

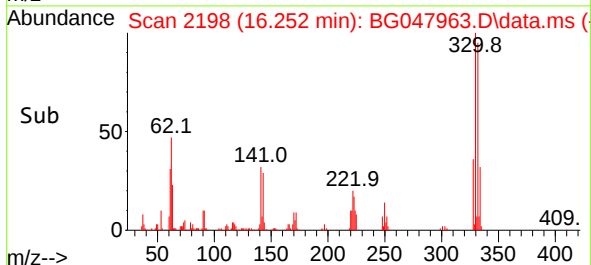
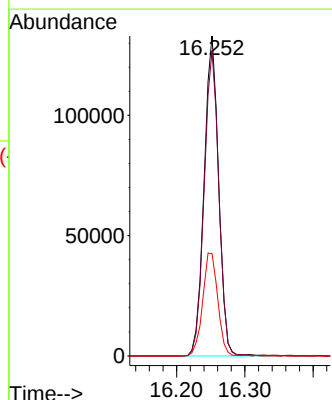
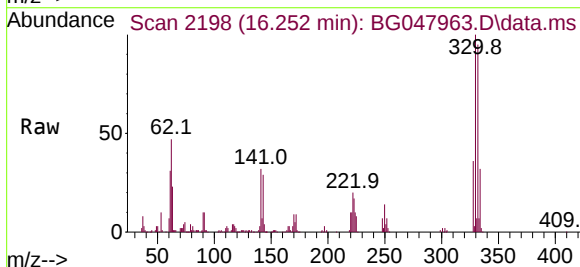
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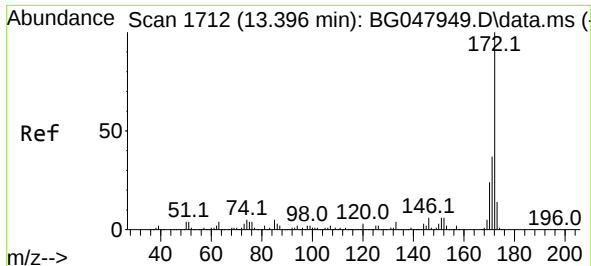
Tgt Ion:164 Resp: 145059
Ion Ratio Lower Upper
164 100
162 93.9 82.3 123.5
160 43.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 84.69 ng
RT: 16.252 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Tgt Ion:330 Resp: 196608
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 33.6 26.0 39.0

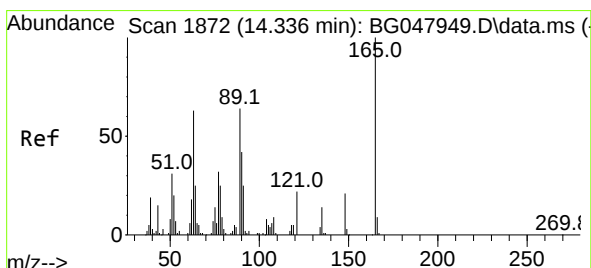
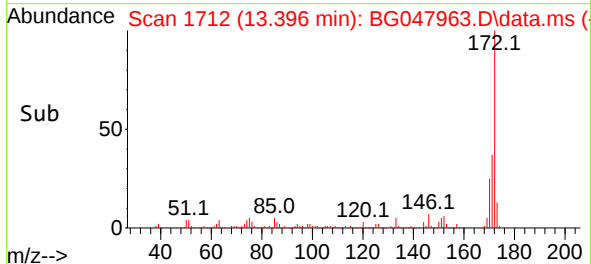
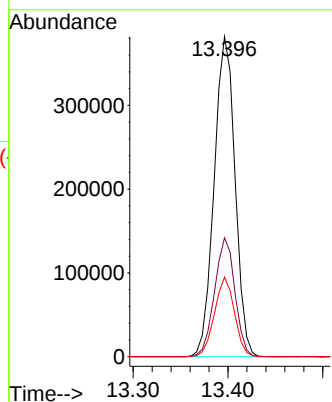
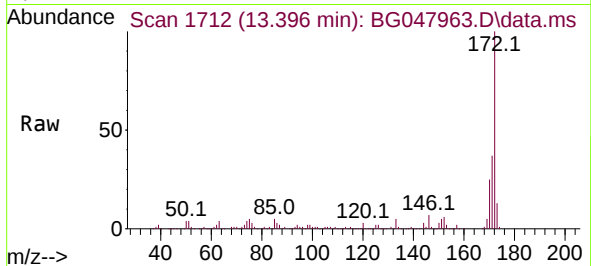




#45
2-Fluorobiphenyl
Concen: 53.83 ng
RT: 13.396 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

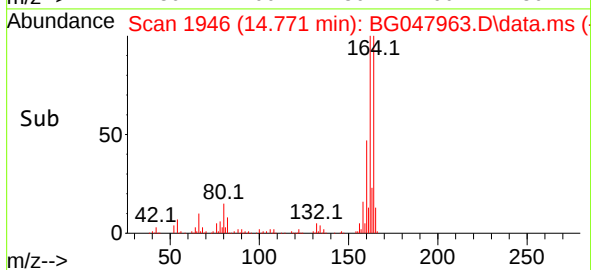
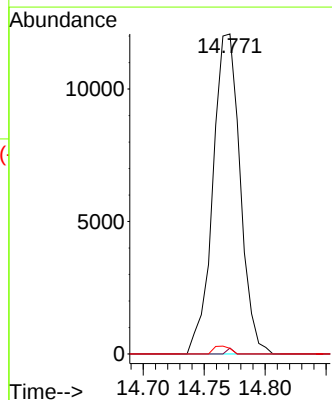
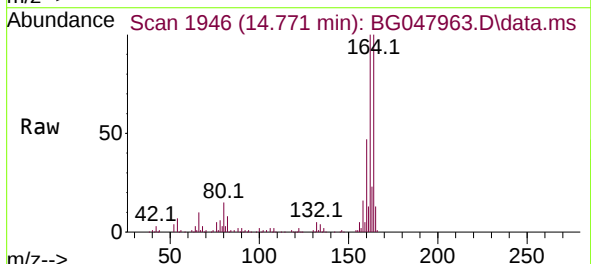
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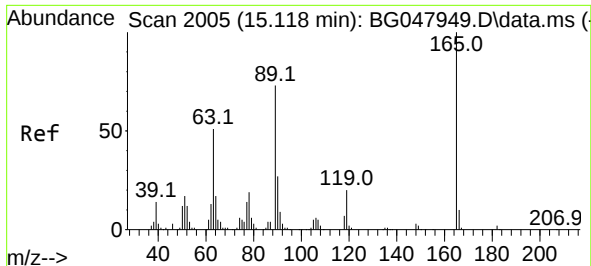
Tgt Ion:172 Resp: 584712
Ion Ratio Lower Upper
172 100
171 37.2 31.3 46.9
170 24.9 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 14.771 min Scan# 1946
Delta R.T. 0.435 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

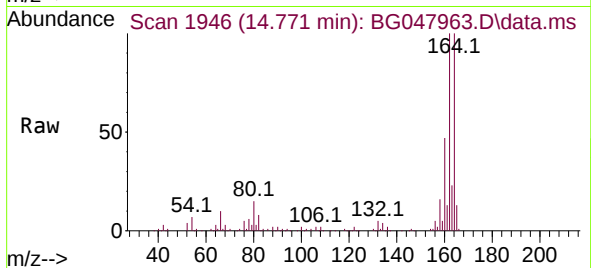
Tgt Ion:165 Resp: 18757
Ion Ratio Lower Upper
165 100
63 1.8 33.7 50.5#
89 1.8 36.6 54.8#



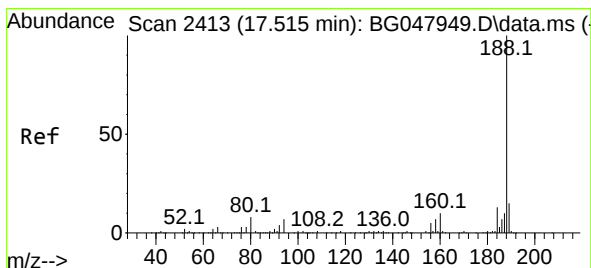
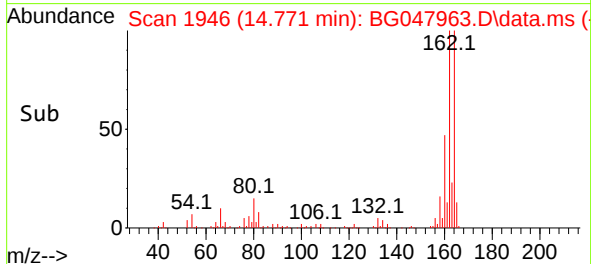
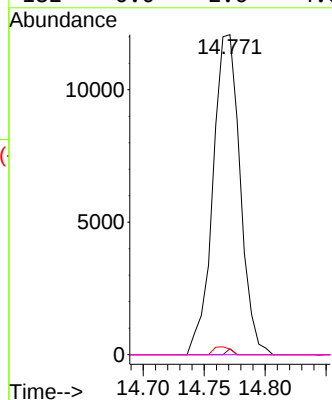


#57
2,4-Dinitrotoluene
Concen: 5.51 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.347 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Instrument :
BNA_G
ClientSampleId :
0042-044-COMP-D

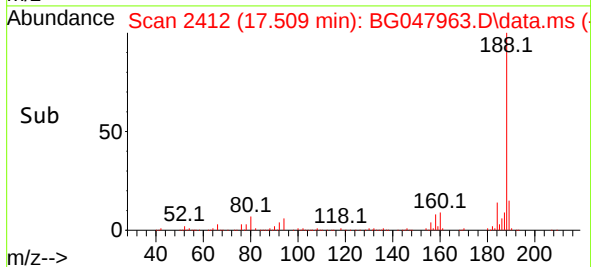
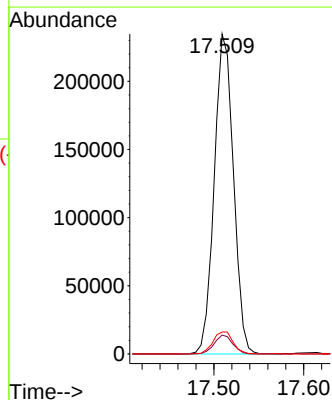
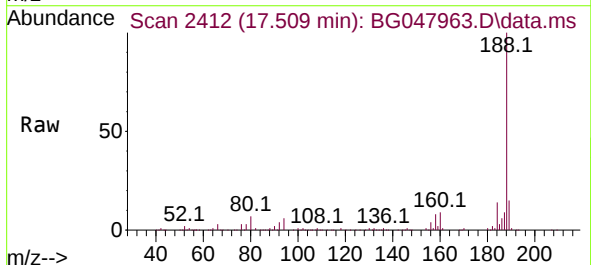


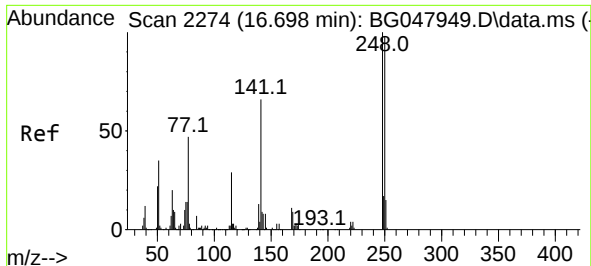
Tgt Ion:165 Resp: 18757
Ion Ratio Lower Upper
165 100
63 1.8 26.4 39.6#
89 1.8 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Tgt Ion:188 Resp: 348285
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 6.9 7.0 10.6#

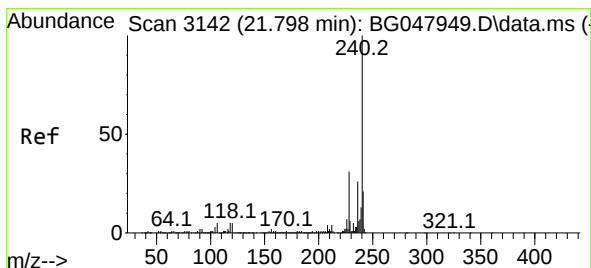
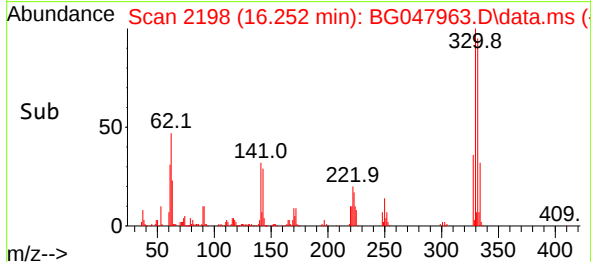
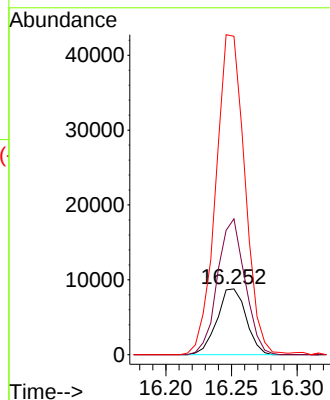
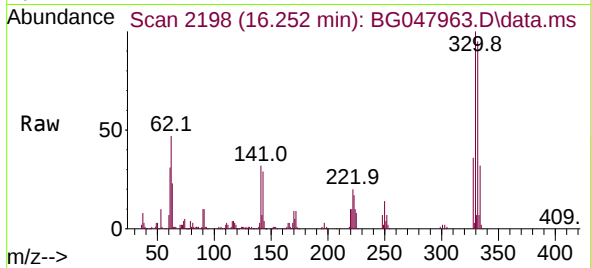




#67
4-Bromophenyl-phenylether
Concen: 2.93 ng
RT: 16.252 min Scan# 2198
Delta R.T. -0.447 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

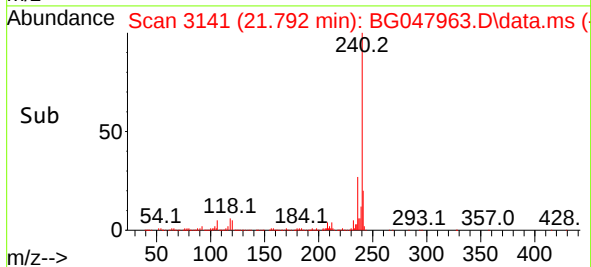
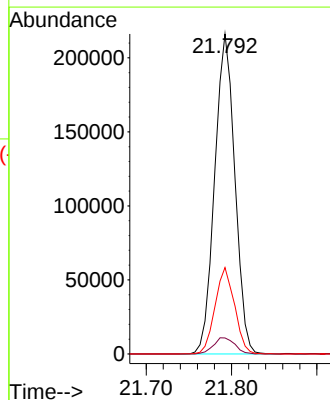
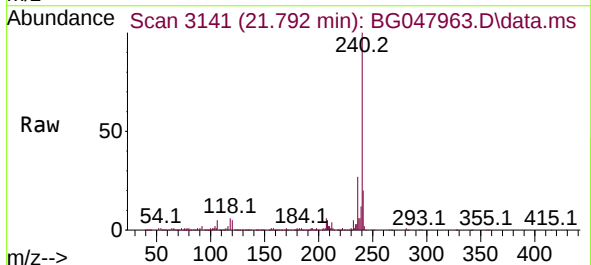
Instrument :
BNA_G
ClientSampleId :
0042-044-COMP-D

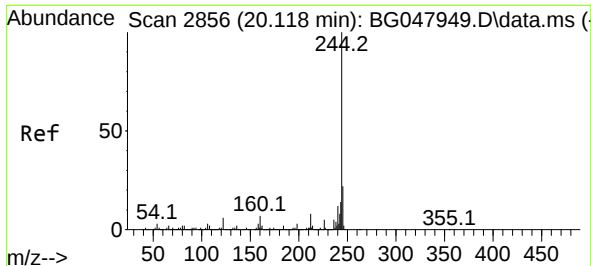
Tgt Ion:248 Resp: 13540
Ion Ratio Lower Upper
248 100
250 206.7 78.9 118.3#
141 484.4 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Tgt Ion:240 Resp: 354976
Ion Ratio Lower Upper
240 100
120 5.0 6.2 9.4#
236 27.0 20.5 30.7

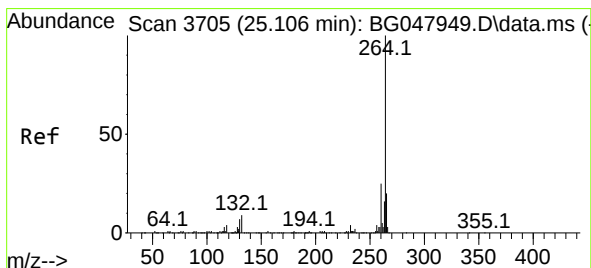
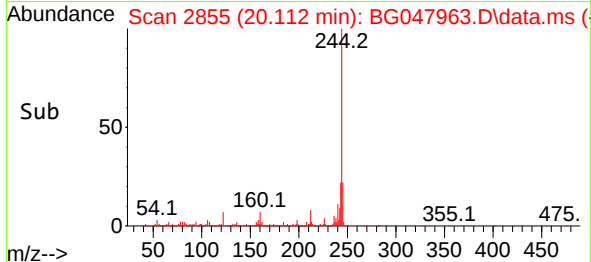
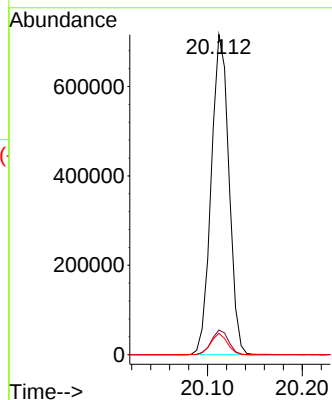
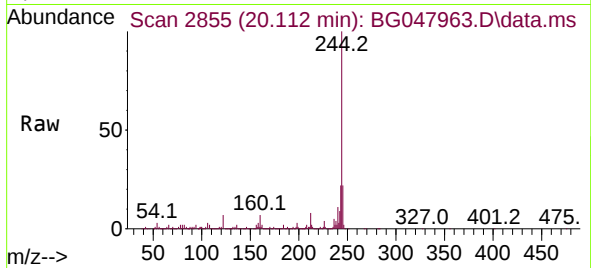




#79
Terphenyl-d14
Concen: 48.39 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Instrument :
BNA_G
ClientSampleId :
0042-044-COMP-D

Tgt Ion:244 Resp: 929120
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: 25.100 min Scan# 3704
Delta R.T. -0.006 min
Lab File: BG047963.D
Acq: 21 Jan 2021 21:24

Tgt Ion:264 Resp: 363093
Ion Ratio Lower Upper
264 100
260 22.6 18.8 28.2
265 21.5 17.8 26.8

