

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048042.D
 Acq On : 28 Jan 2021 00:20
 Operator : CG/JU
 Sample : M1226-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0051-045-COMP-E-ELUTRIATE

Quant Time: Jan 28 03:57:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

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

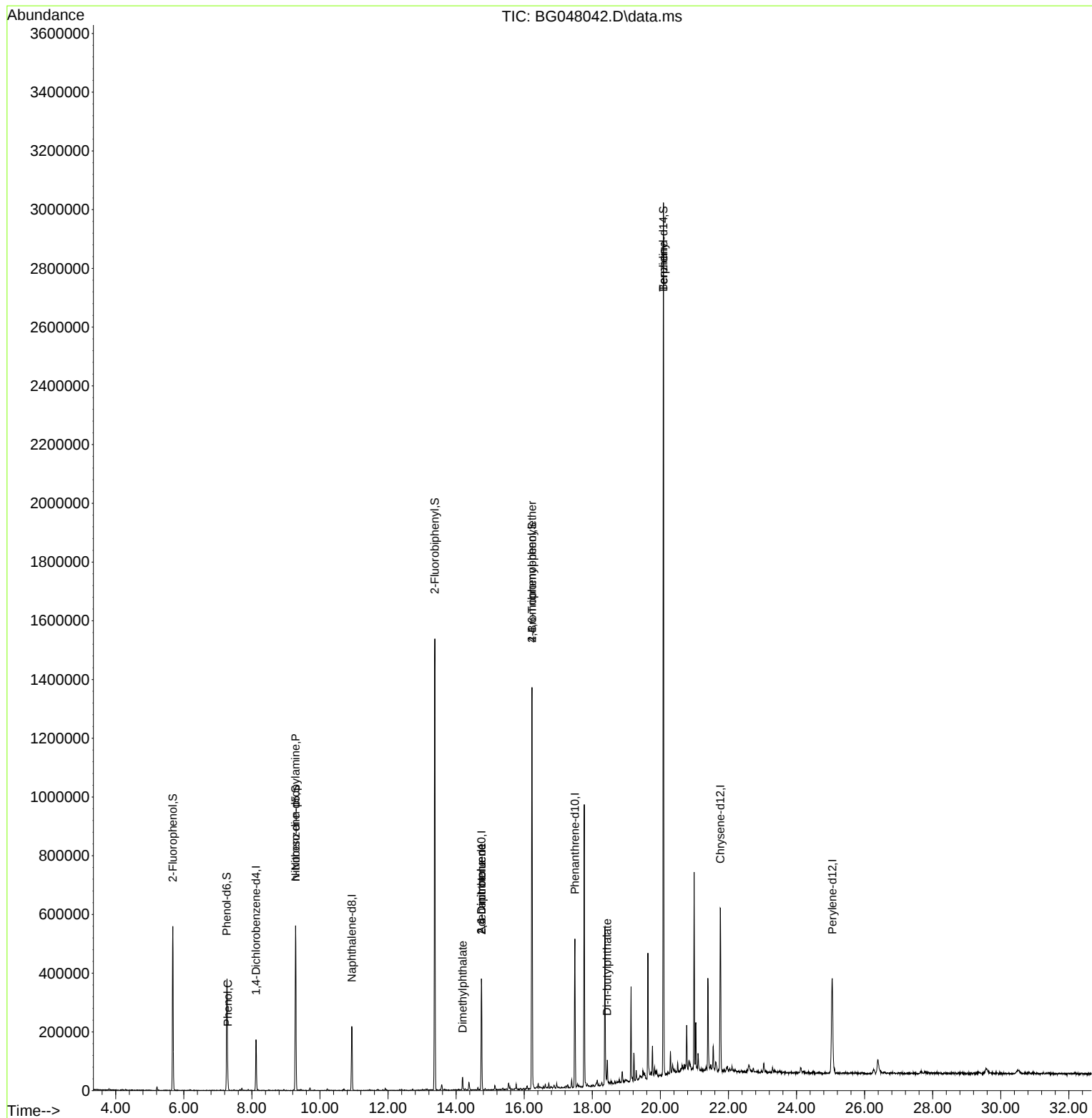
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	47501	20.00	ng	0.00
21) Naphthalene-d8	10.937	136	183161	20.00	ng	-0.01
39) Acenaphthene-d10	14.744	164	130419	20.00	ng	-0.01
64) Phenanthrene-d10	17.488	188	321215	20.00	ng	#-0.01
76) Chrysene-d12	21.759	240	366521	20.00	ng	#-0.02
86) Perylene-d12	25.050	264	365141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	223905	72.44	ng	-0.01
7) Phenol-d6	7.264	99	211958	45.10	ng	-0.02
23) Nitrobenzene-d5	9.286	82	352100	76.06	ng	-0.01
42) 2,4,6-Tribromophenol	16.230	330	268186	123.46	ng	-0.01
45) 2-Fluorobiphenyl	13.375	172	774451	76.78	ng	-0.01
79) Terphenyl-d14	20.091	244	1315420	62.23	ng	0.00
Target Compounds						
10) Phenol	7.294	94	20532	4.56	ng	# 67
19) n-Nitroso-di-n-propyla...	9.286	70	50334	14.67	ng	# 76
50) Dimethylphthalate	14.192	163	28285	2.40	ng	# 95
51) 2,6-Dinitrotoluene	14.744	165	17161	6.99	ng	# 36
57) 2,4-Dinitrotoluene	14.744	165	17161	4.84	ng	# 34
67) 4-Bromophenyl-phenylether	16.230	248	19047	4.44	ng	# 1
74) Di-n-butylphthalate	18.440	149	50102	2.41	ng	# 98
77) Benzidine	20.091	184	23120	2.19	ng	97

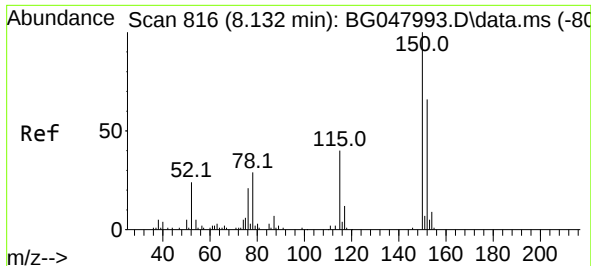
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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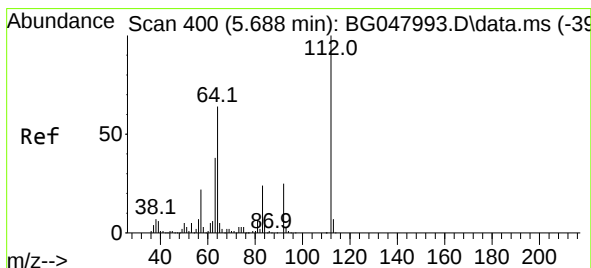
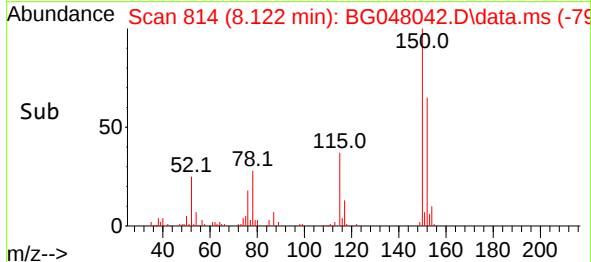
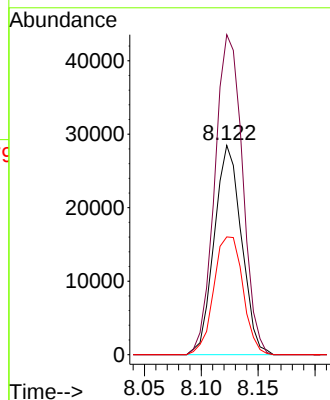
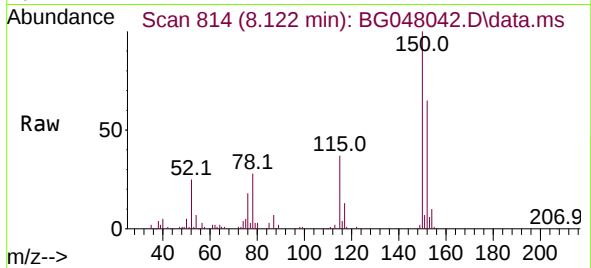




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.122 min Scan# 814
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

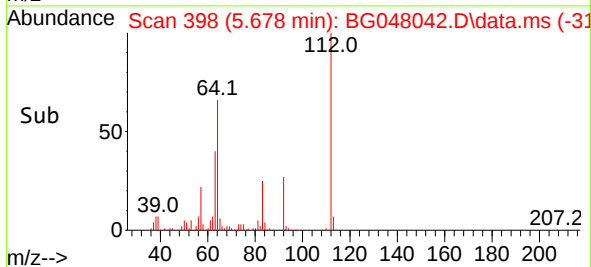
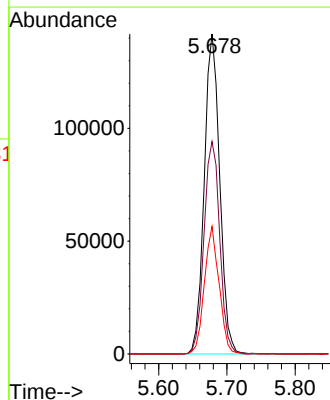
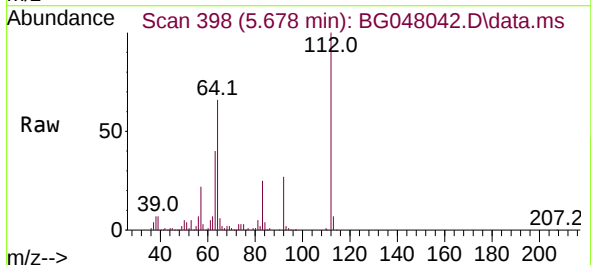
Instrument :
BNA_G
ClientSampleId :
0051-045-COMP-E-ELUTRIATE

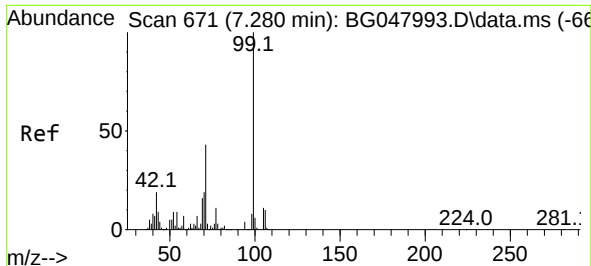
Tgt Ion:152 Resp: 47501
Ion Ratio Lower Upper
152 100
150 152.9 125.0 187.6
115 56.3 41.8 62.6



#5
2-Fluorophenol
Concen: 72.44 ng
RT: 5.678 min Scan# 398
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Tgt Ion:112 Resp: 223905
Ion Ratio Lower Upper
112 100
64 66.4 46.7 70.1
63 39.9 22.8 34.2#

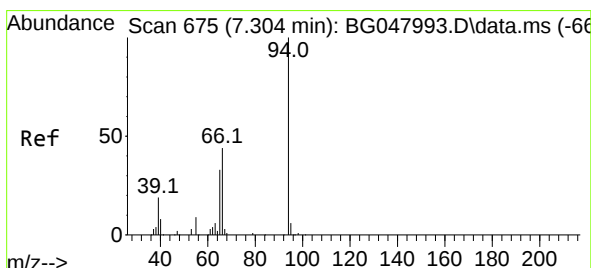
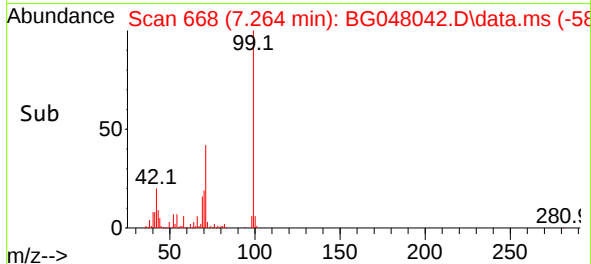
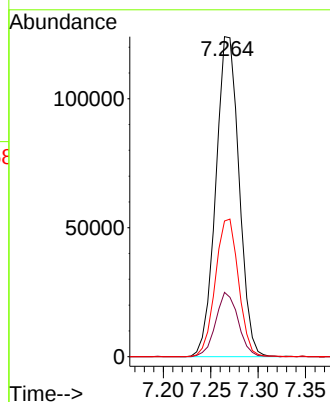
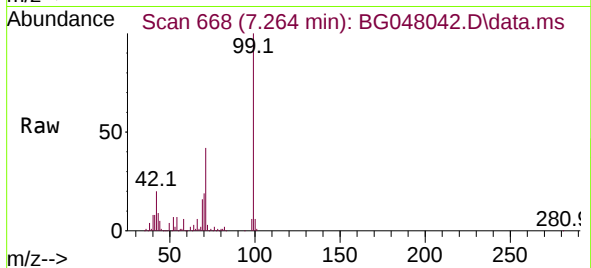




#7
Phenol-d6
Concen: 45.10 ng
RT: 7.264 min Scan# 668
Delta R.T. -0.016 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

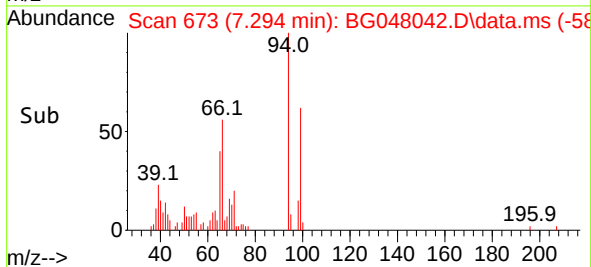
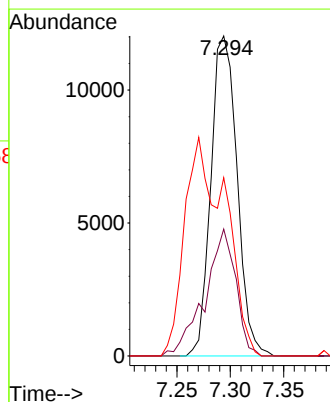
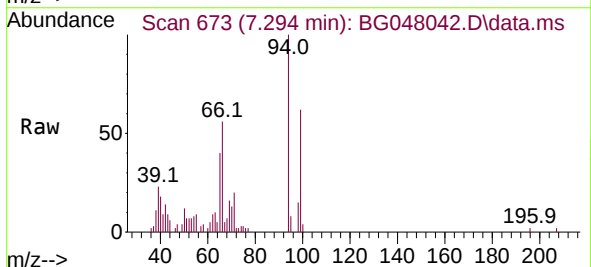
Instrument :
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ClientSampleId :
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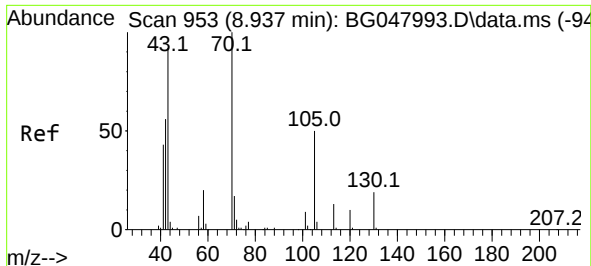
Tgt Ion: 99 Resp: 211958
Ion Ratio Lower Upper
99 100
42 20.1 12.8 19.2#
71 42.4 24.6 36.8#



#10
Phenol
Concen: 4.56 ng
RT: 7.294 min Scan# 673
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

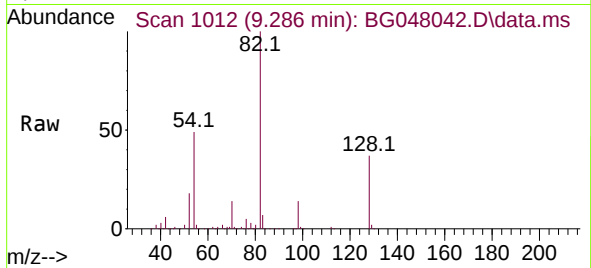
Tgt Ion: 94 Resp: 20532
Ion Ratio Lower Upper
94 100
65 39.7 6.6 46.6
66 55.7 13.9 53.9#



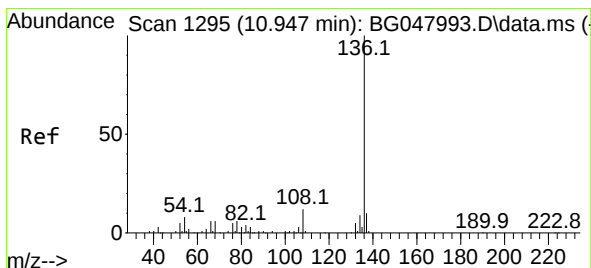
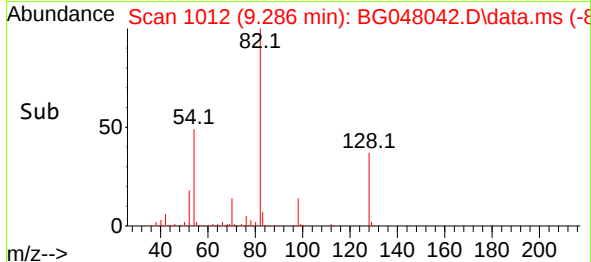
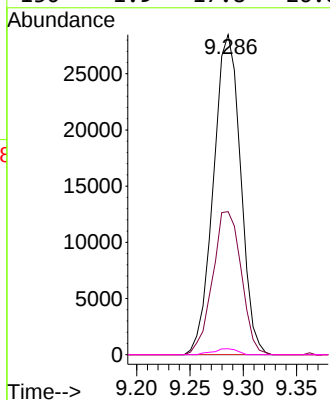


#19
n-Nitroso-di-n-propylamine
Concen: 14.67 ng
RT: 9.286 min Scan# 1012
Delta R.T. 0.348 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Instrument :
BNA_G
ClientSampleId :
0051-045-COMP-E-ELUTRIATE

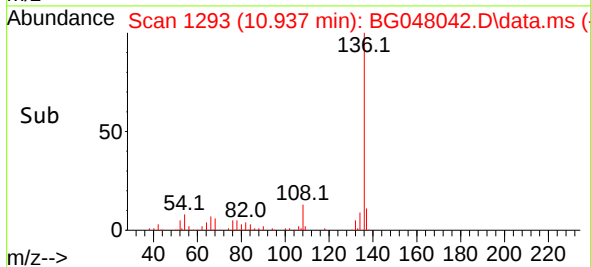
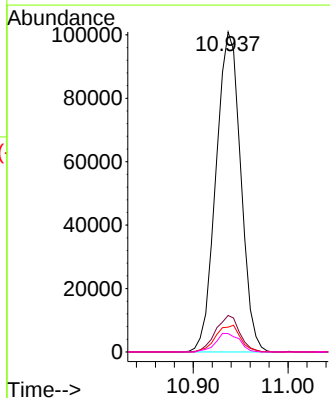
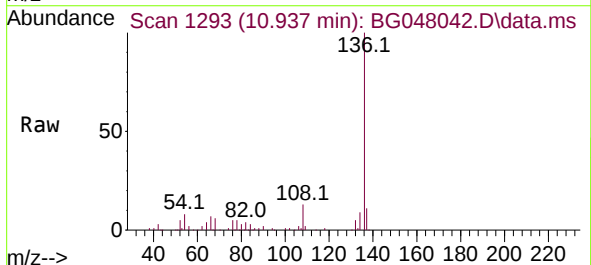


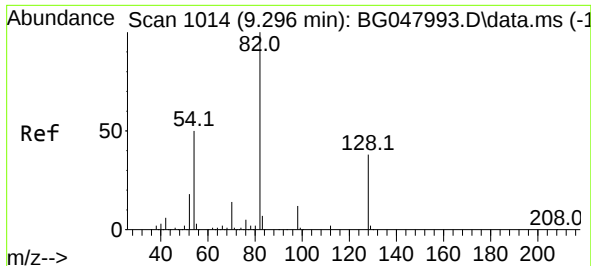
Tgt Ion:	70	Resp:	50334
Ion Ratio	100	Lower	Upper
70	100		
42	44.7	45.6	68.4#
101	0.0	8.4	12.6#
130	1.9	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.937 min Scan# 1293
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Tgt Ion:	136	Resp:	183161
Ion Ratio	100	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.8	6.2	9.4
68	5.8	5.0	7.4

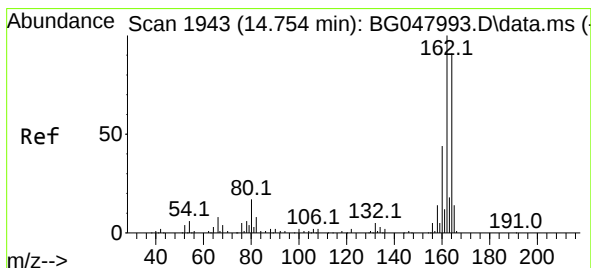
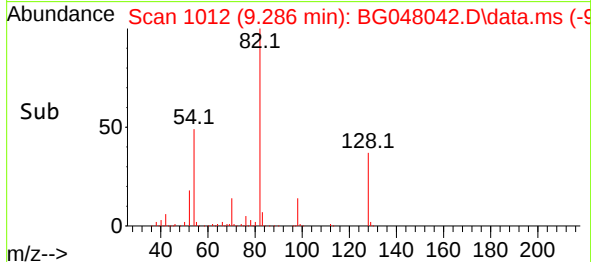
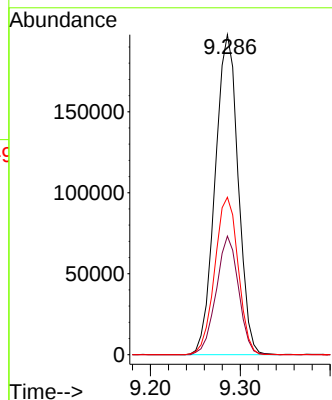
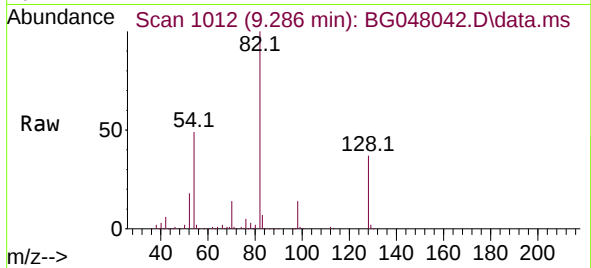




#23
Nitrobenzene-d5
Concen: 76.06 ng
RT: 9.286 min Scan# 1012
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

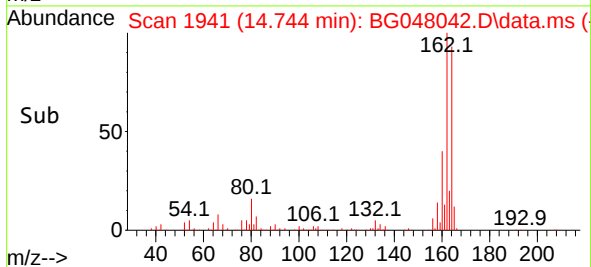
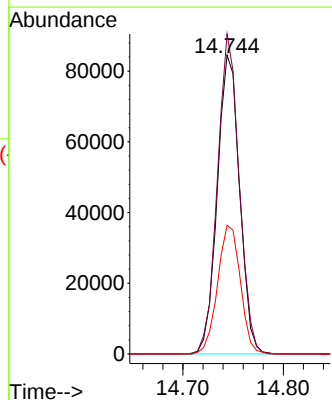
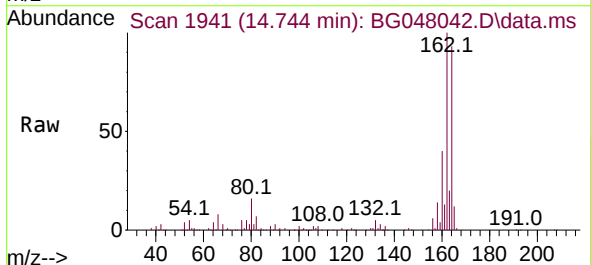
Instrument :
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ClientSampleId :
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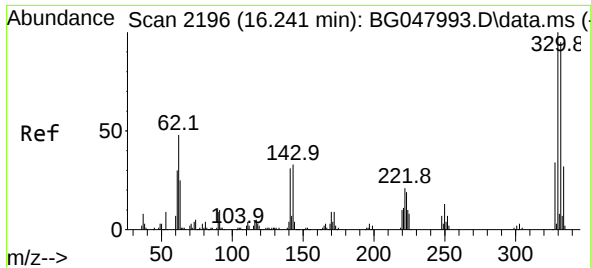
Tgt Ion: 82 Resp: 352100
Ion Ratio Lower Upper
82 100
128 37.1 37.0 55.6
54 49.2 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Tgt Ion: 164 Resp: 130419
Ion Ratio Lower Upper
164 100
162 107.1 82.3 123.5
160 43.1 35.3 52.9

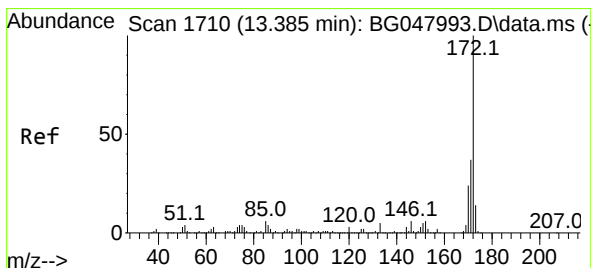
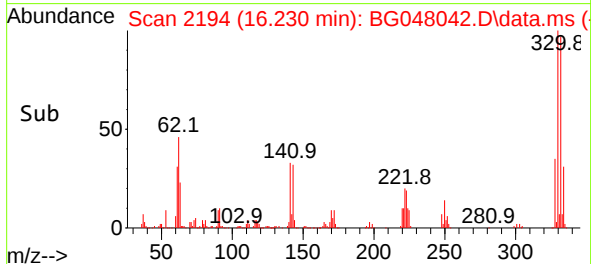
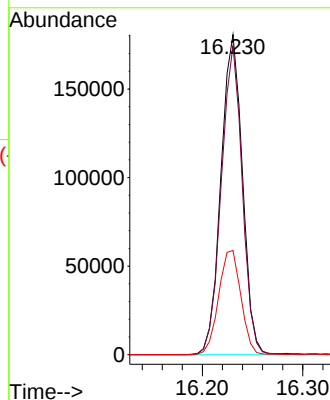
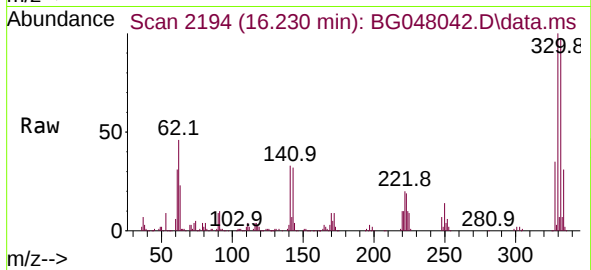




#42
2,4,6-Tribromophenol
Concen: 123.46 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

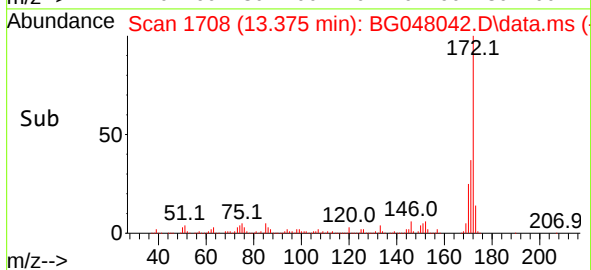
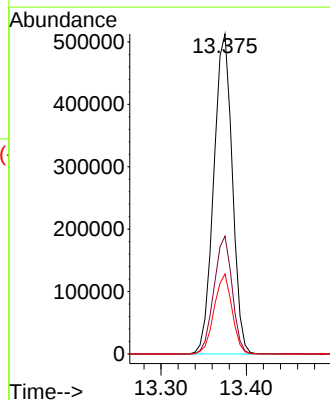
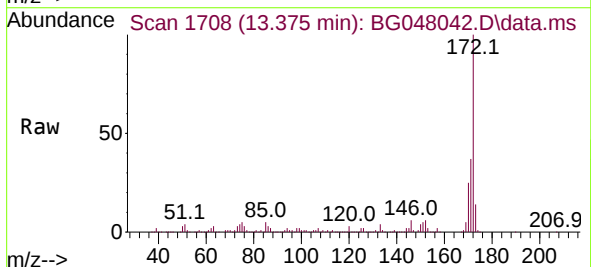
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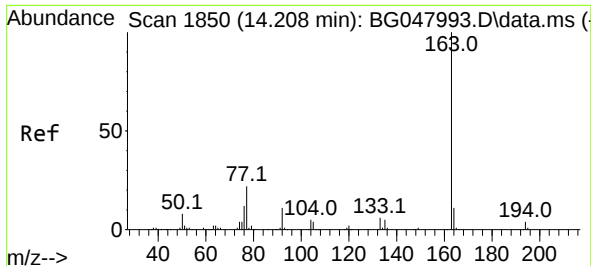
Tgt Ion:330 Resp: 268186
Ion Ratio Lower Upper
330 100
332 94.2 76.5 114.7
141 33.9 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 76.78 ng
RT: 13.375 min Scan# 1708
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Tgt Ion:172 Resp: 774451
Ion Ratio Lower Upper
172 100
171 36.8 31.3 46.9
170 25.0 20.8 31.2

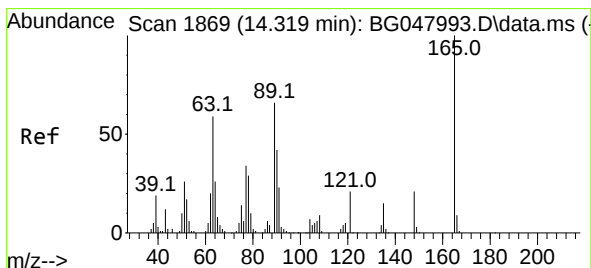
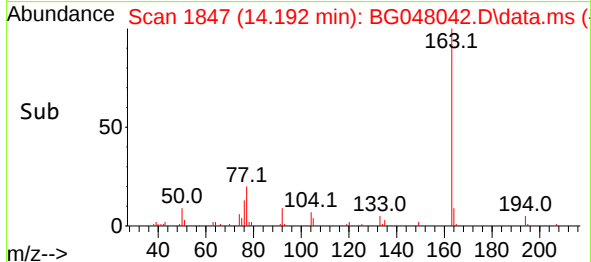
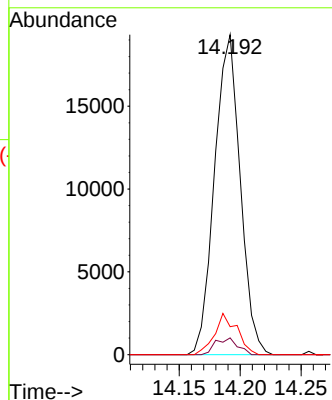
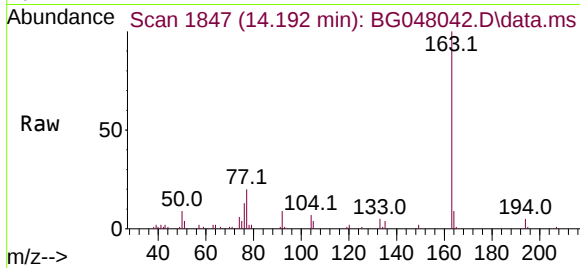




#50
Dimethylphthalate
Concen: 2.40 ng
RT: 14.192 min Scan# 1847
Delta R.T. -0.016 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

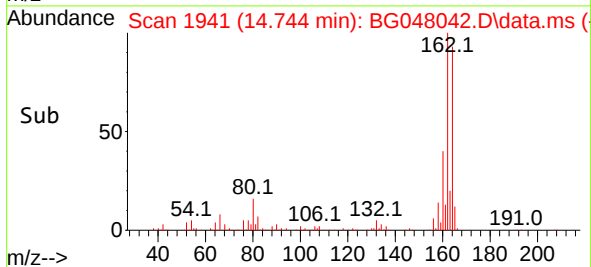
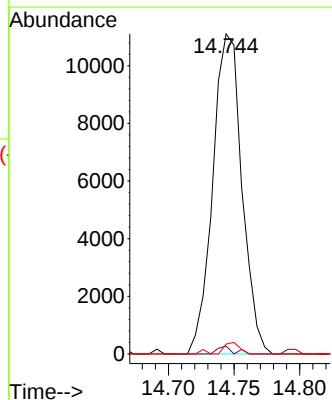
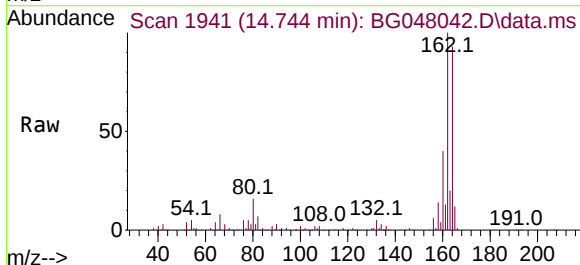
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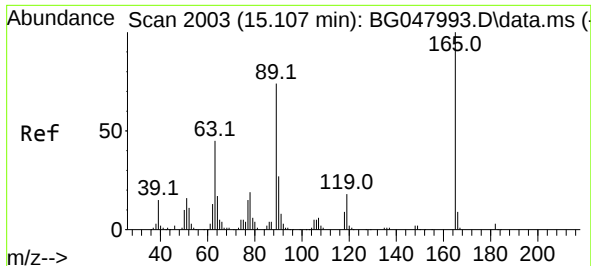
Tgt Ion:163 Resp: 28285
Ion Ratio Lower Upper
163 100
194 5.2 3.8 5.8
164 8.7 8.8 13.2#



#51
2,6-Dinitrotoluene
Concen: 6.99 ng
RT: 14.744 min Scan# 1941
Delta R.T. 0.425 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

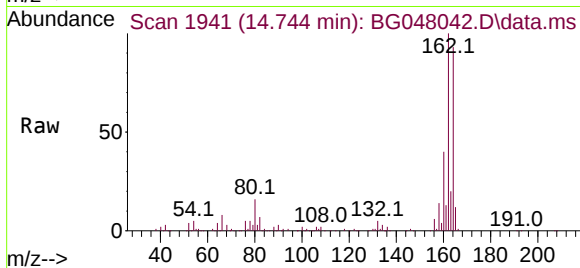
Tgt Ion:165 Resp: 17161
Ion Ratio Lower Upper
165 100
63 2.5 33.7 50.5#
89 3.1 36.6 54.8#



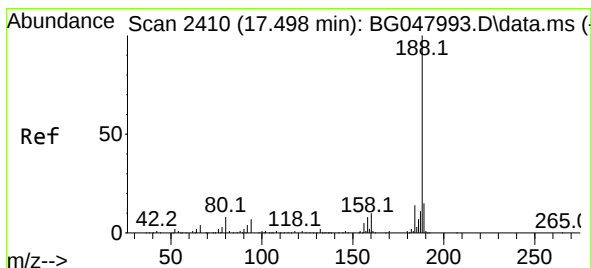
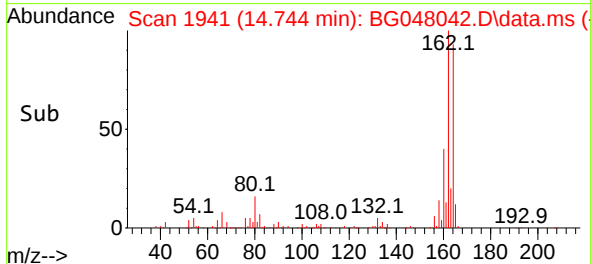
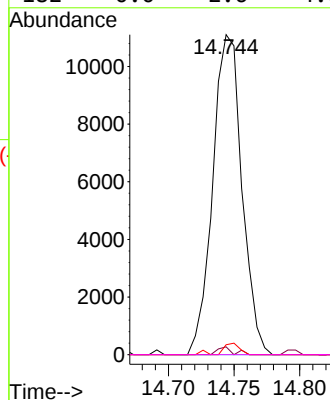


#57
2,4-Dinitrotoluene
Concen: 4.84 ng
RT: 14.744 min Scan# 1941
Delta R.T. -0.363 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Instrument :
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ClientSampleId :
0051-045-COMP-E-ELUTRIATE

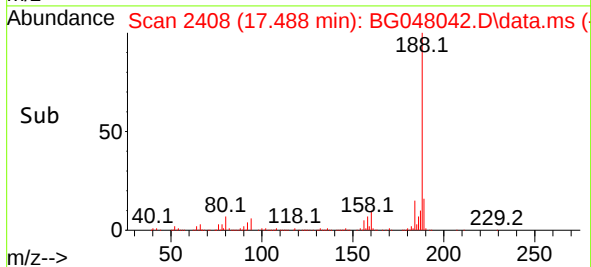
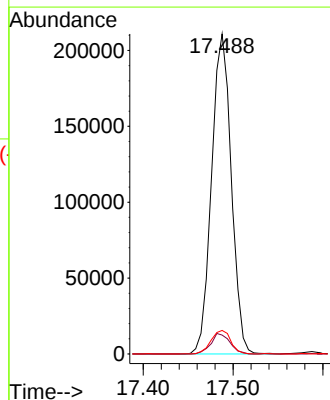
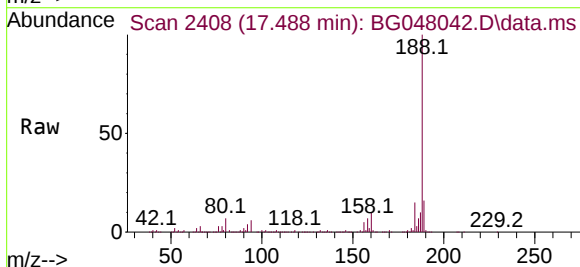


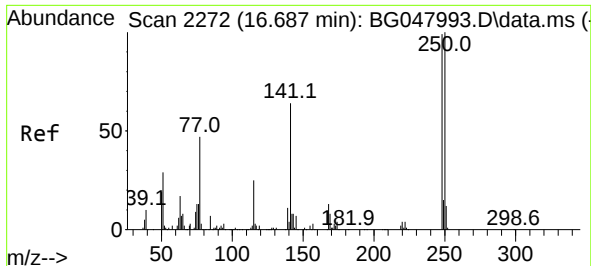
Tgt Ion:165 Resp: 17161
Ion Ratio Lower Upper
165 100
63 2.5 26.4 39.6#
89 3.1 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.488 min Scan# 2408
Delta R.T. -0.010 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Tgt Ion:188 Resp: 321215
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.3 7.0 10.6

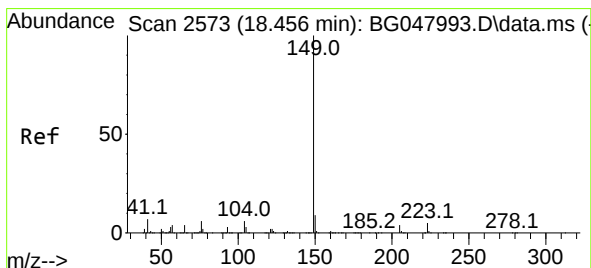
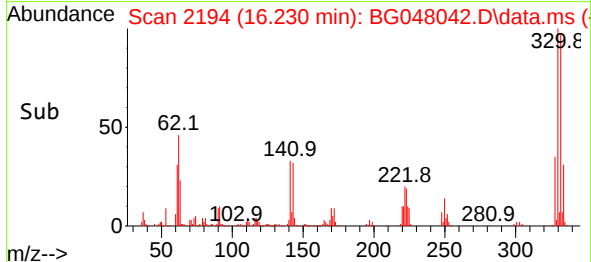
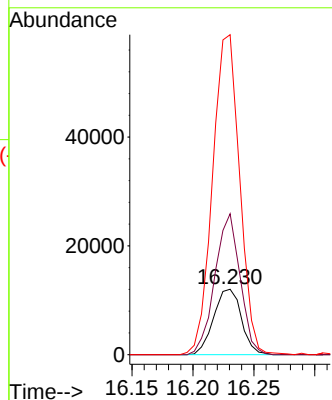
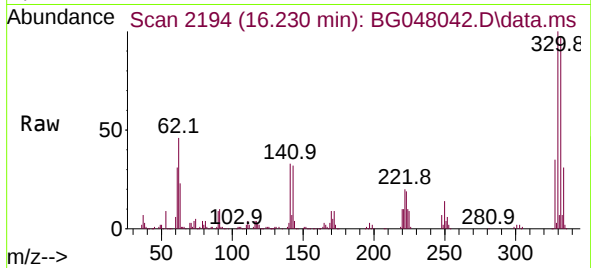




#67
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.457 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

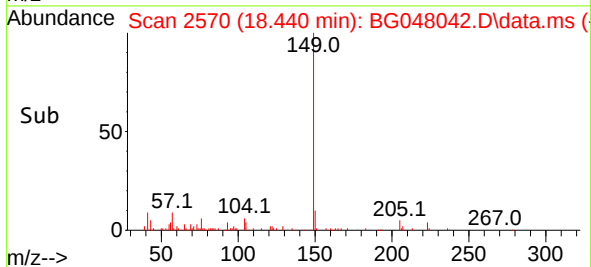
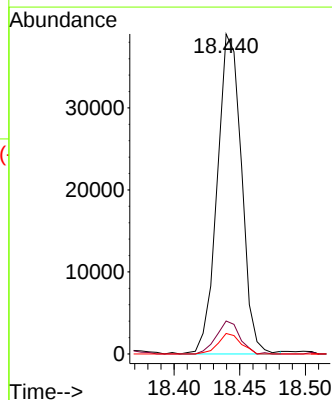
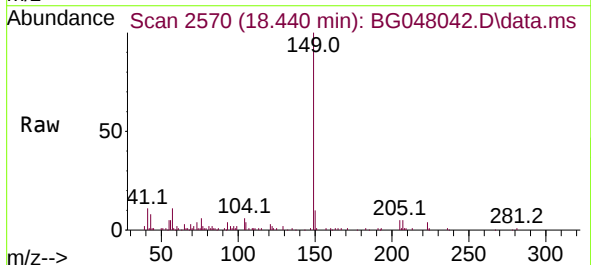
Instrument :
BNA_G
ClientSampleId :
0051-045-COMP-E-ELUTRIATE

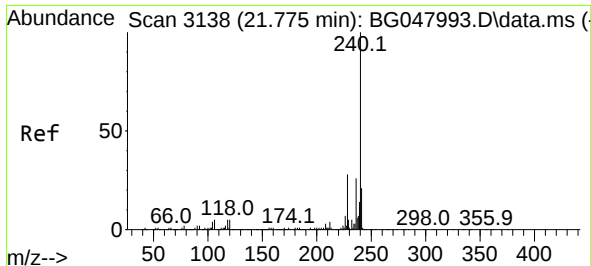
Tgt Ion:248 Resp: 19047
Ion Ratio Lower Upper
248 100
250 215.3 78.9 118.3#
141 488.5 46.2 69.4#



#74
Di-n-butylphthalate
Concen: 2.41 ng
RT: 18.440 min Scan# 2570
Delta R.T. -0.016 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Tgt Ion:149 Resp: 50102
Ion Ratio Lower Upper
149 100
150 10.3 8.2 12.4
104 6.4 3.8 5.8#

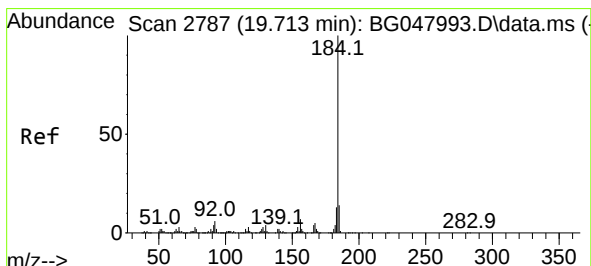
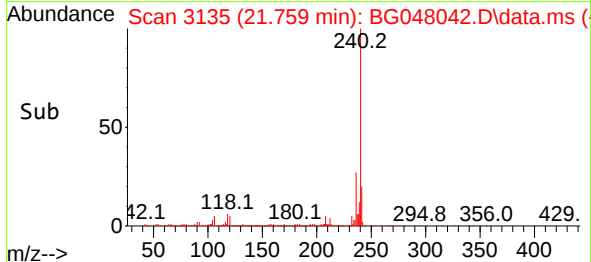
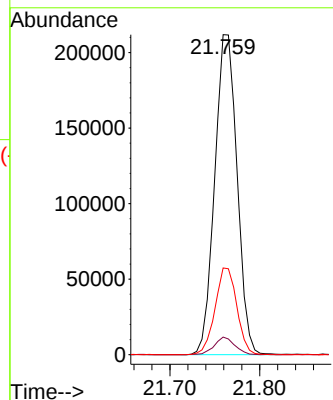
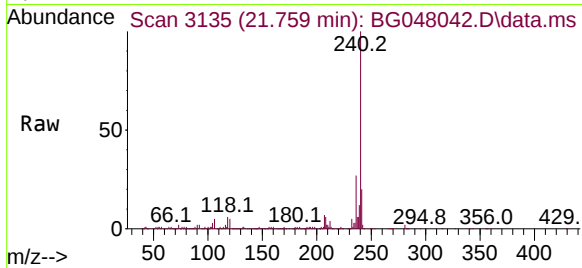




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.759 min Scan# 3135
Delta R.T. -0.016 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

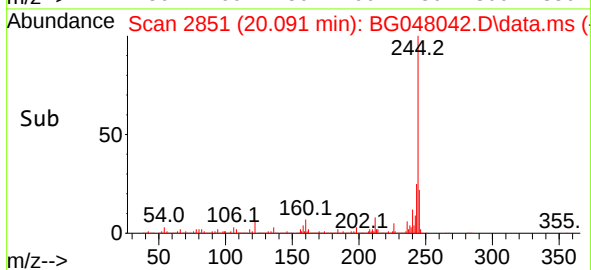
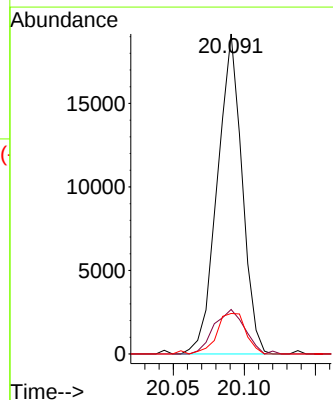
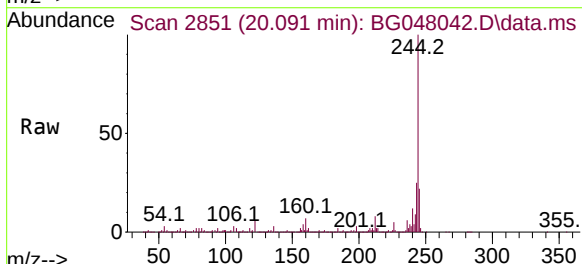
Instrument :
BNA_G
ClientSampleId :
0051-045-COMP-E-ELUTRIATE

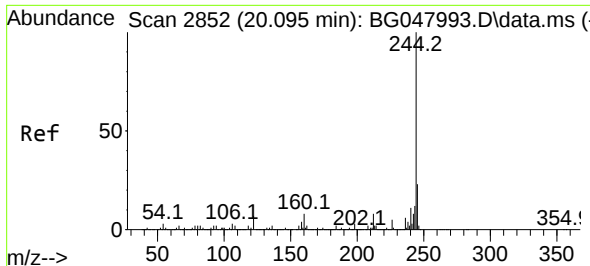
Tgt Ion:240 Resp: 366521
Ion Ratio Lower Upper
240 100
120 5.5 6.2 9.4#
236 27.1 20.5 30.7



#77
Benzidine
Concen: 2.19 ng
RT: 20.091 min Scan# 2851
Delta R.T. 0.378 min
Lab File: BG048042.D
Acq: 28 Jan 2021 00:20

Tgt Ion:184 Resp: 23120
Ion Ratio Lower Upper
184 100
185 13.9 12.4 18.6
183 12.6 10.6 15.8

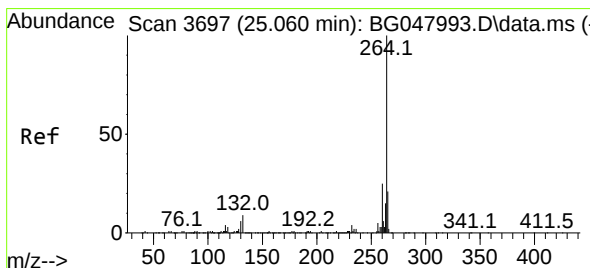
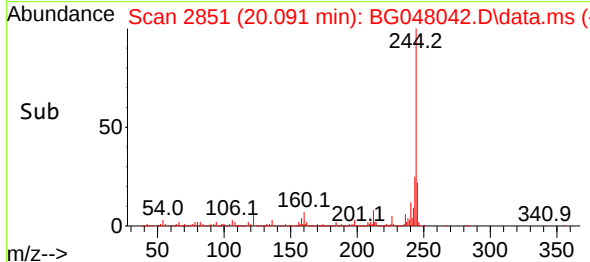
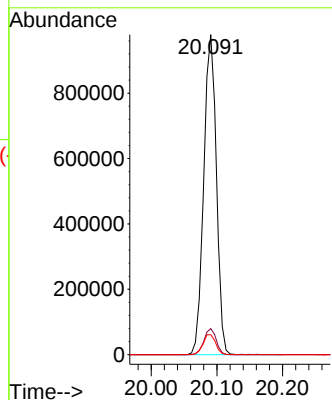
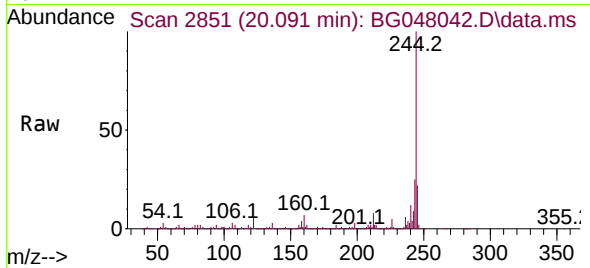




#79
 Terphenyl-d14
 Concen: 62.23 ng
 RT: 20.091 min Scan# 2851
 Delta R.T. -0.004 min
 Lab File: BG048042.D
 Acq: 28 Jan 2021 00:20

Instrument :
 BNA_G
 ClientSampleId :
 0051-045-COMP-E-ELUTRIATE

Tgt Ion:244 Resp: 1315420
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.7 10.1
 122 6.2 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.050 min Scan# 3695
 Delta R.T. -0.010 min
 Lab File: BG048042.D
 Acq: 28 Jan 2021 00:20

Tgt Ion:264 Resp: 365141
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 22.7 17.8 26.8

