

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
 Data File : BG048035.D
 Acq On : 27 Jan 2021 19:36
 Operator : CG/JU
 Sample : PB134308BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB134308BL

Quant Time: Jan 27 23:30:08 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)

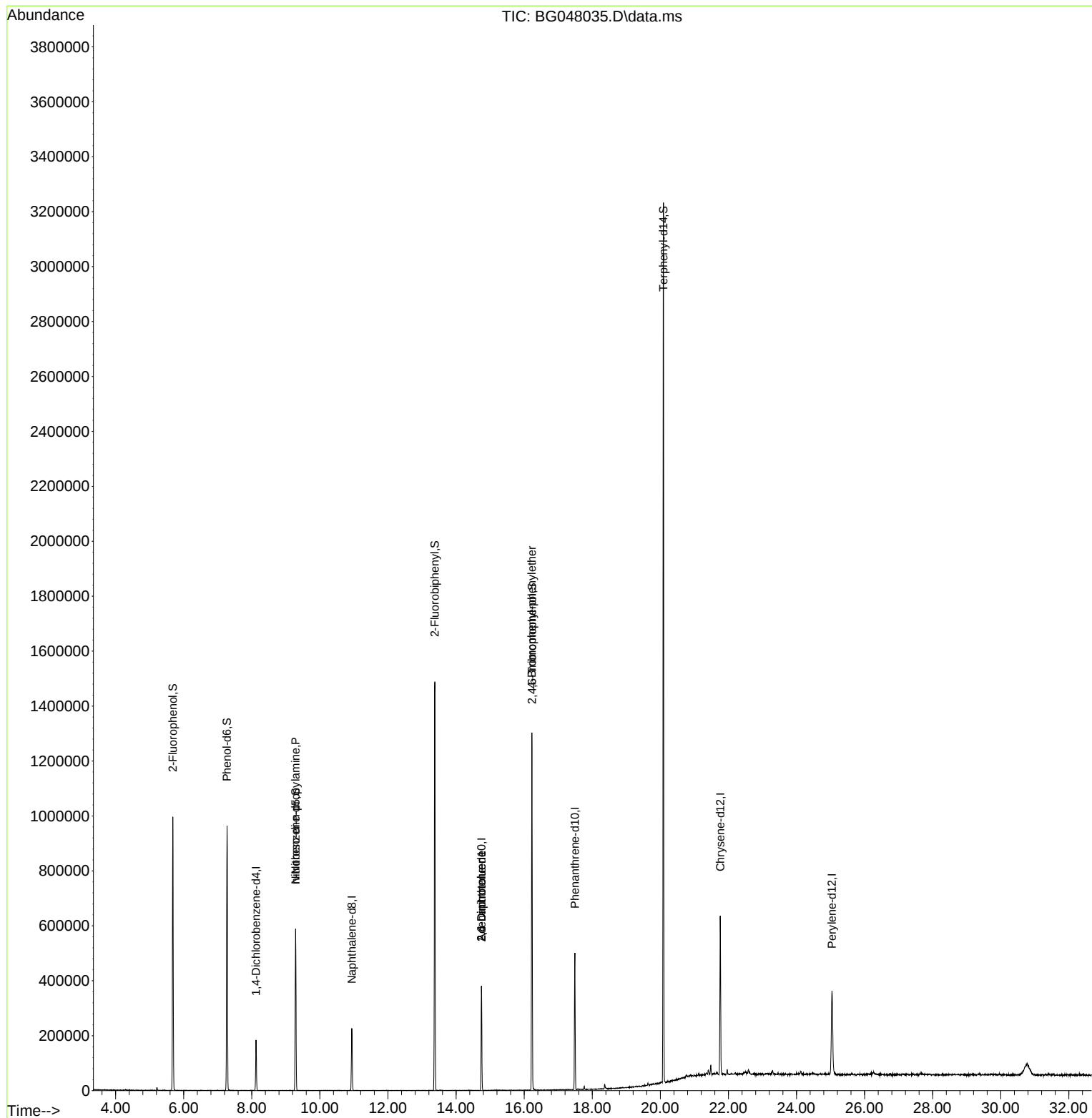
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	48671	20.00	ng	0.00
21) Naphthalene-d8	10.938	136	182612	20.00	ng	0.00
39) Acenaphthene-d10	14.745	164	128239	20.00	ng	0.00
64) Phenanthrene-d10	17.489	188	316847	20.00	ng	# 0.00
76) Chrysene-d12	21.761	240	354035	20.00	ng	#-0.01
86) Perylene-d12	25.039	264	342274	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	396394	125.17	ng	0.00
7) Phenol-d6	7.272	99	525982	109.24	ng	0.00
23) Nitrobenzene-d5	9.287	82	361895	78.41	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	249285	116.71	ng	0.00
45) 2-Fluorobiphenyl	13.376	172	781840	78.83	ng	0.00
79) Terphenyl-d14	20.092	244	1414849	69.29	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.287	70	51650	14.70	ng	# 77
51) 2,6-Dinitrotoluene	14.745	165	16811	6.97	ng	# 34
57) 2,4-Dinitrotoluene	14.745	165	16811	4.82	ng	# 32
67) 4-Bromophenyl-phenylether	16.226	248	17739	4.19	ng	# 1

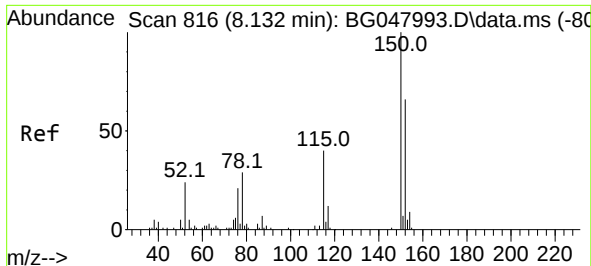
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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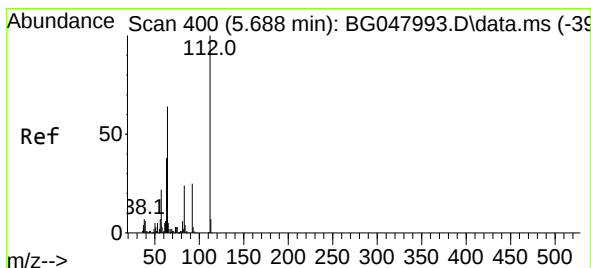
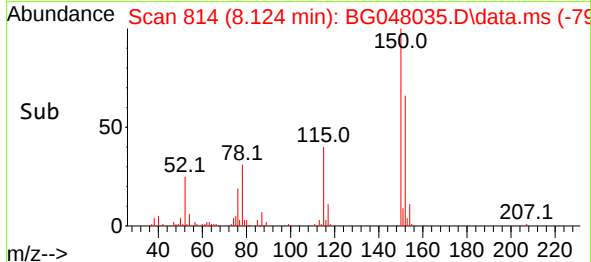
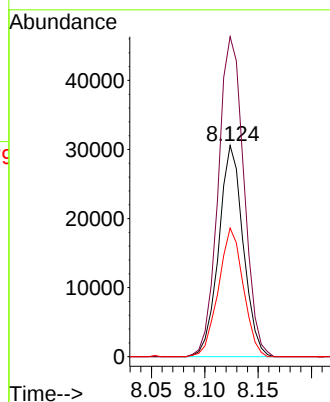
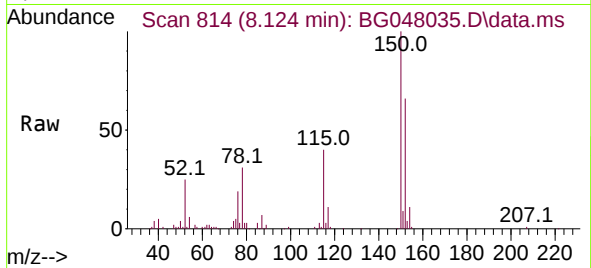




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.124 min Scan# 814
Delta R.T. -0.008 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

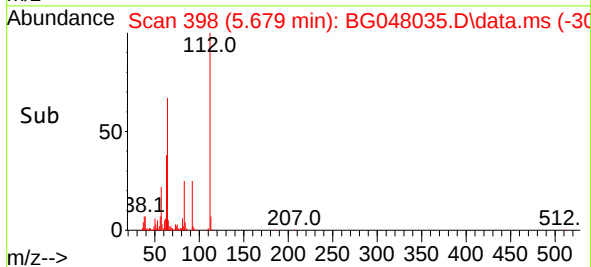
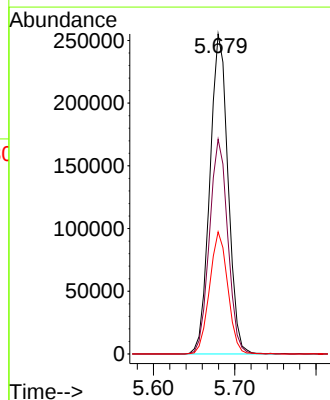
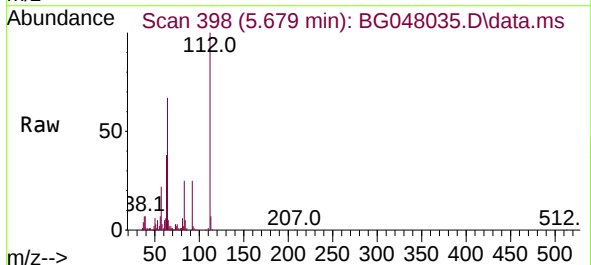
Instrument :
BNA_G
ClientSampleId :
PB134308BL

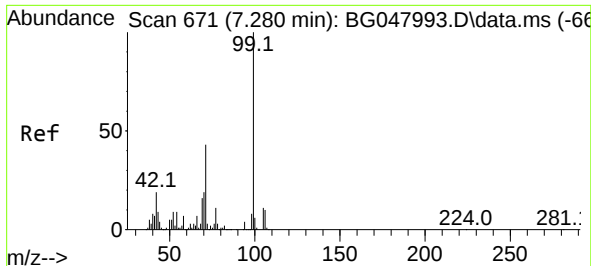
Tgt Ion:152 Resp: 48671
Ion Ratio Lower Upper
152 100
150 151.5 125.0 187.6
115 60.9 41.8 62.6



#5
2-Fluorophenol
Concen: 125.17 ng
RT: 5.679 min Scan# 398
Delta R.T. -0.009 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

Tgt Ion:112 Resp: 396394
Ion Ratio Lower Upper
112 100
64 67.1 46.7 70.1
63 38.1 22.8 34.2#

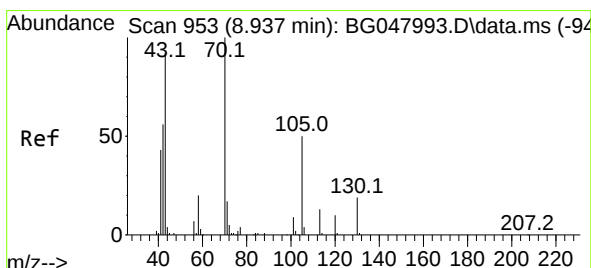
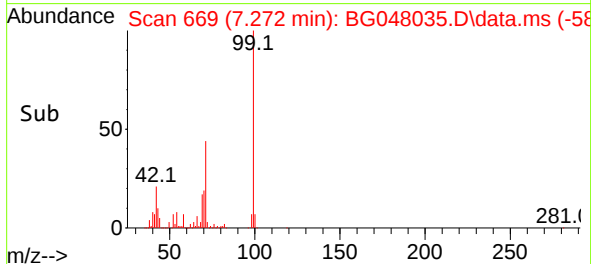
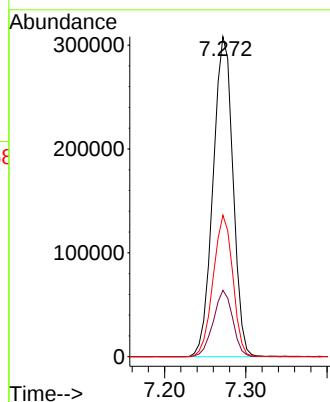
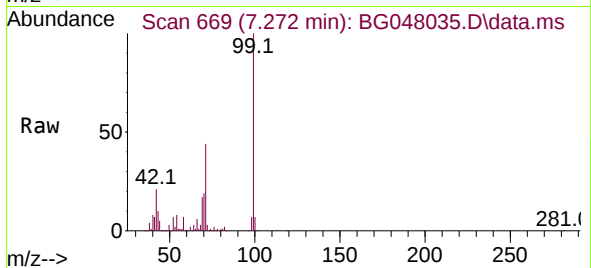




#7
Phenol-d6
Concen: 109.24 ng
RT: 7.272 min Scan# 669
Delta R.T. -0.009 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

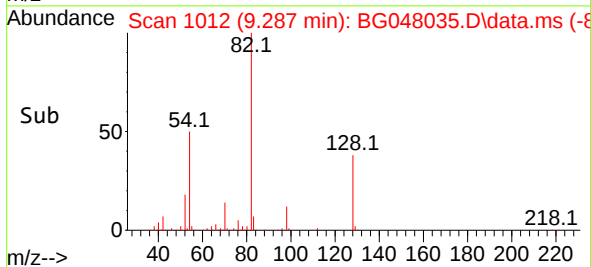
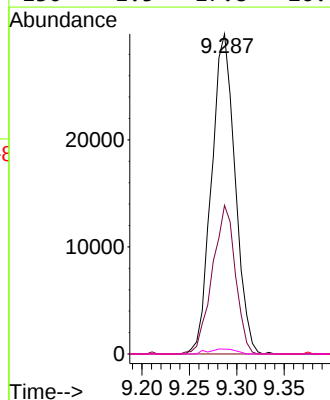
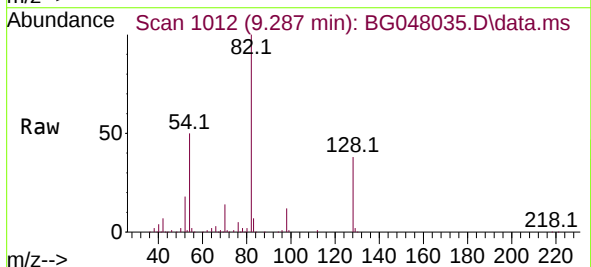
Instrument :
BNA_G
ClientSampleId :
PB134308BL

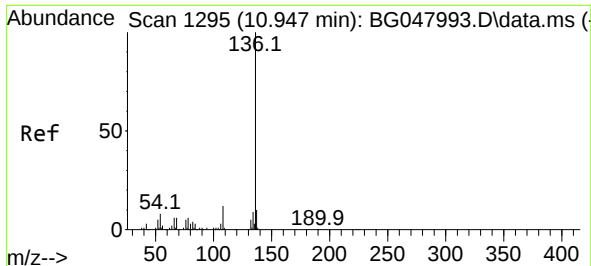
Tgt Ion: 99 Resp: 525982
Ion Ratio Lower Upper
99 100
42 20.8 12.8 19.2#
71 44.2 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.70 ng
RT: 9.287 min Scan# 1012
Delta R.T. 0.350 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

Tgt Ion: 70 Resp: 51650
Ion Ratio Lower Upper
70 100
42 46.4 45.6 68.4
101 0.0 8.4 12.6#
130 1.5 17.8 26.8#

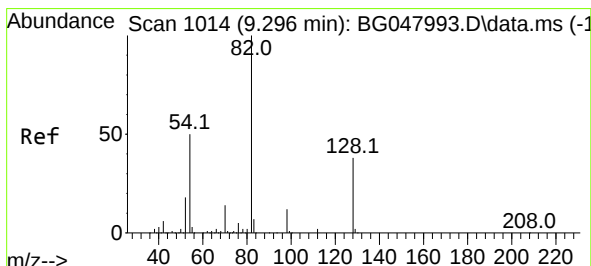
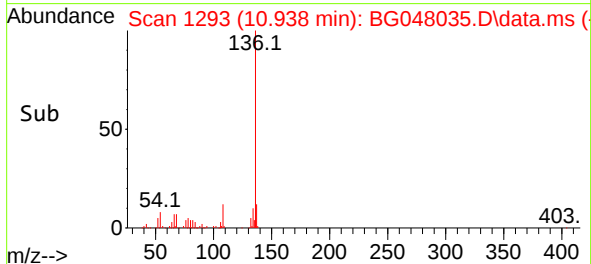
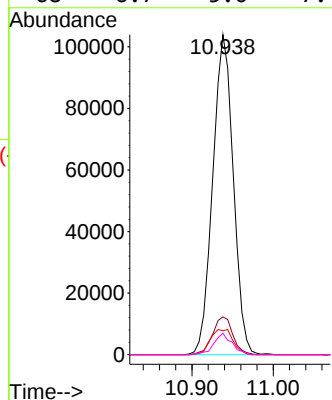
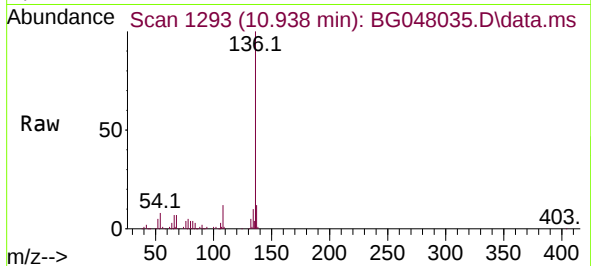




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.938 min Scan# 1293
Delta R.T. -0.009 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

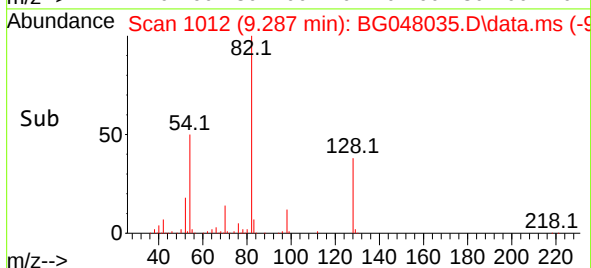
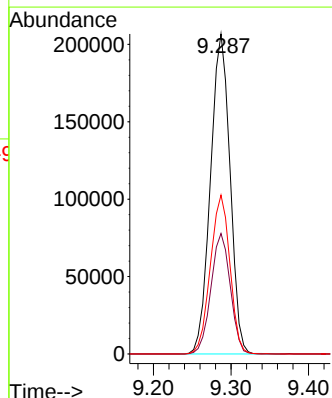
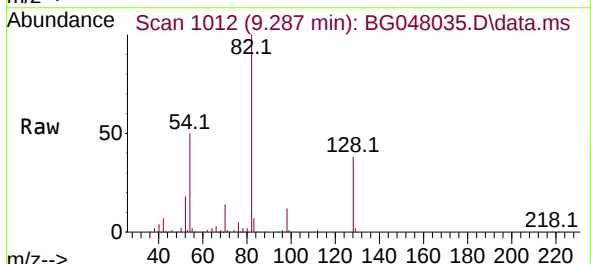
Instrument :
BNA_G
ClientSampleId :
PB134308BL

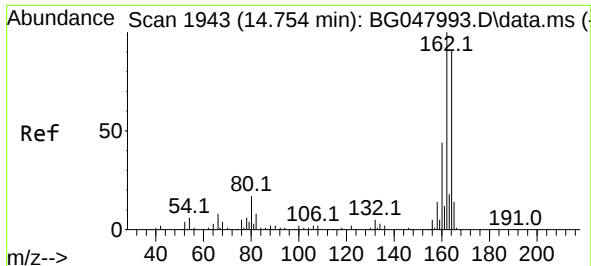
Tgt Ion:	136	Resp:	182612
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	7.5	6.2	9.4
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 78.41 ng
RT: 9.287 min Scan# 1012
Delta R.T. -0.009 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

Tgt Ion:	82	Resp:	361895
Ion Ratio	Lower	Upper	
82	100		
128	37.6	37.0	55.6
54	49.7	39.0	58.4

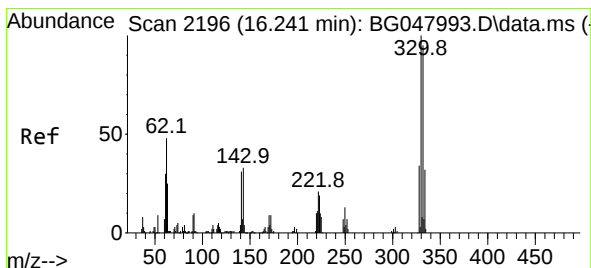
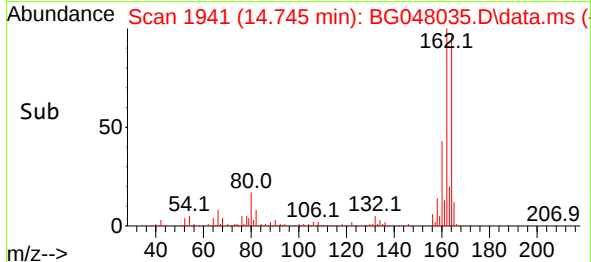
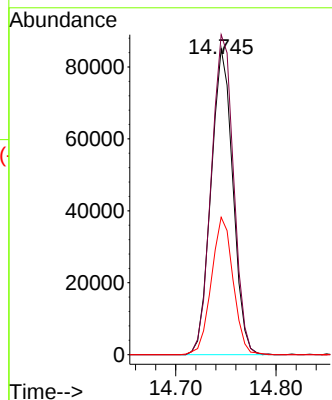
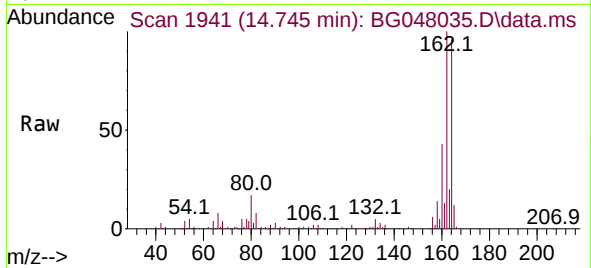




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

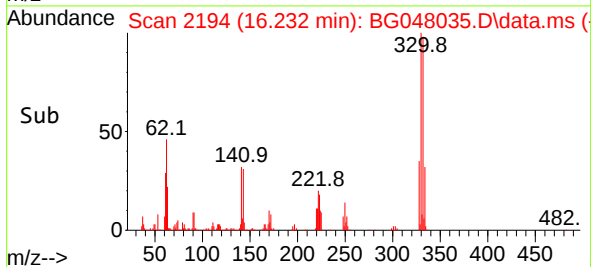
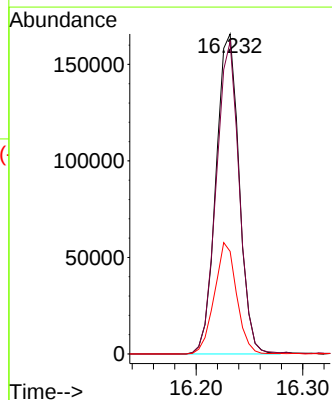
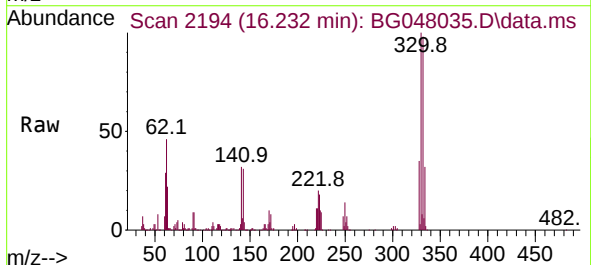
Instrument :
BNA_G
ClientSampleId :
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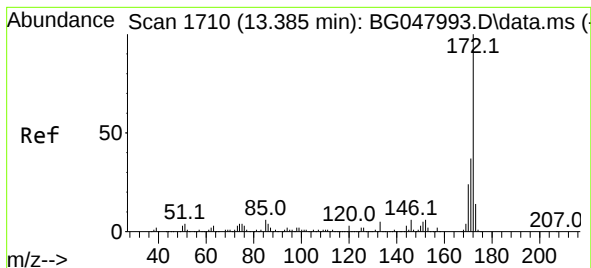
Tgt Ion:164 Resp: 128239
Ion Ratio Lower Upper
164 100
162 104.5 82.3 123.5
160 44.9 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 116.71 ng
RT: 16.232 min Scan# 2194
Delta R.T. -0.009 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

Tgt Ion:330 Resp: 249285
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 33.6 26.0 39.0

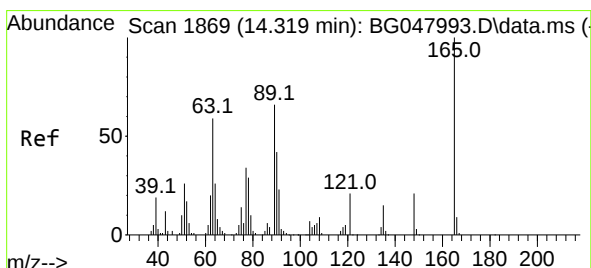
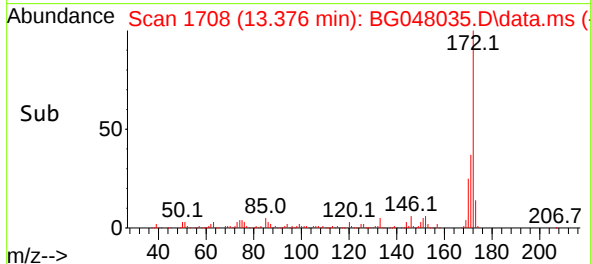
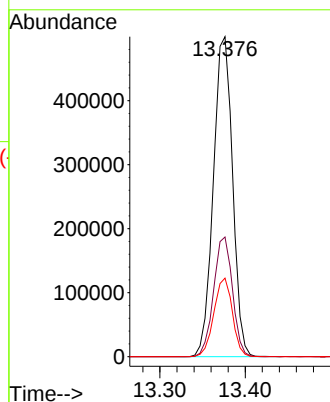
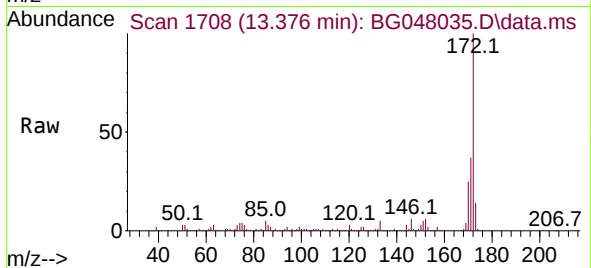




#45
2-Fluorobiphenyl
Concen: 78.83 ng
RT: 13.376 min Scan# 1708
Delta R.T. -0.009 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

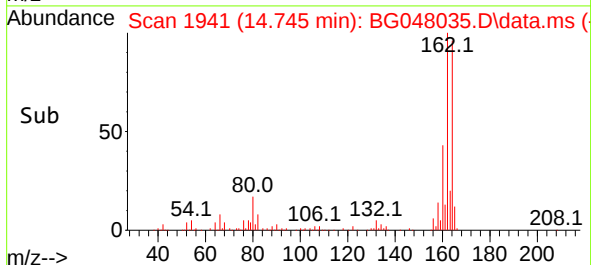
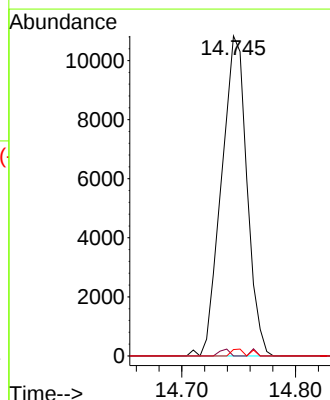
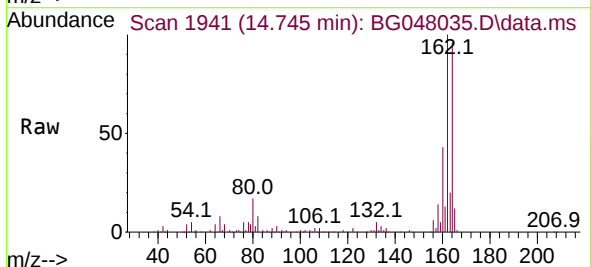
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ClientSampleId :
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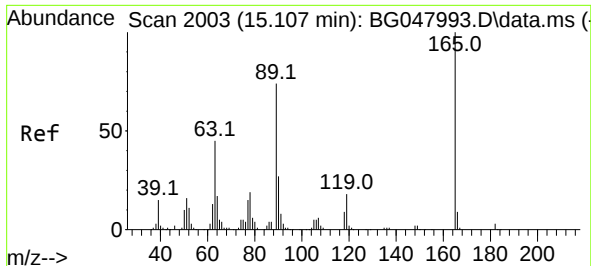
Tgt Ion:172 Resp: 781840
Ion Ratio Lower Upper
172 100
171 37.4 31.3 46.9
170 24.5 20.8 31.2



#51
2,6-Dinitrotoluene
Concen: 6.97 ng
RT: 14.745 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

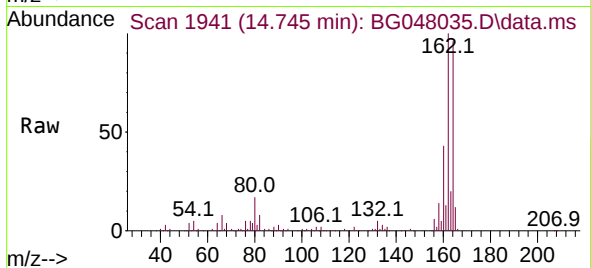
Tgt Ion:165 Resp: 16811
Ion Ratio Lower Upper
165 100
63 0.0 33.7 50.5#
89 2.0 36.6 54.8#



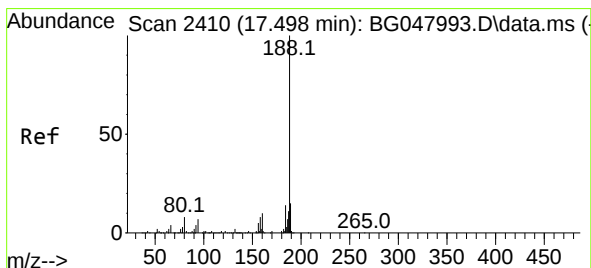
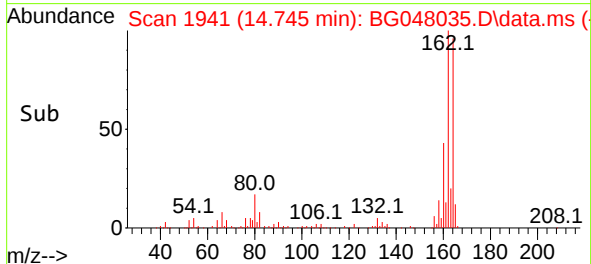
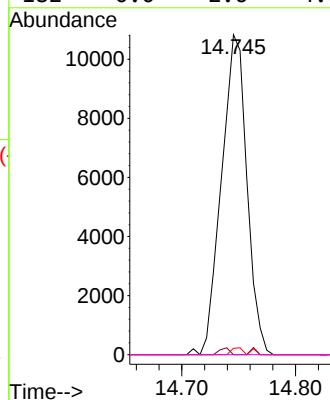


#57
2,4-Dinitrotoluene
Concen: 4.82 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

Instrument :
BNA_G
ClientSampleId :
PB134308BL

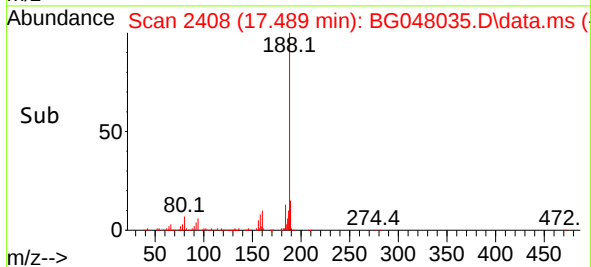
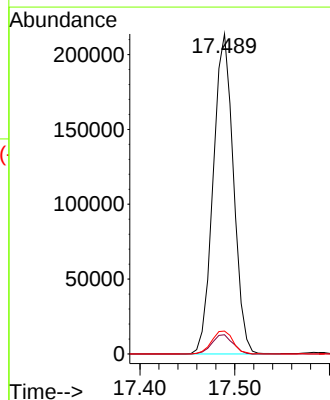
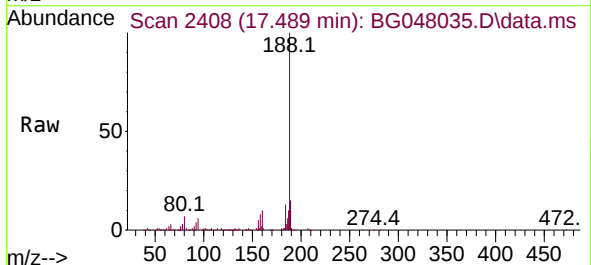


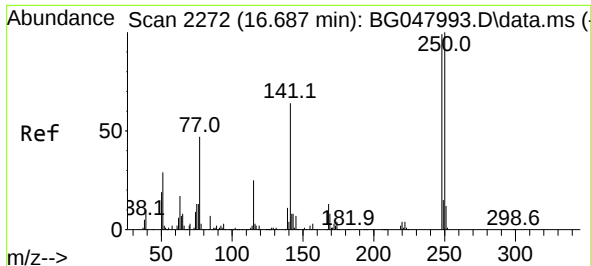
Tgt Ion:165 Resp: 16811
Ion Ratio Lower Upper
165 100
63 0.0 26.4 39.6#
89 2.0 47.8 71.8#
182 0.0 2.6 4.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.489 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

Tgt Ion:188 Resp: 316847
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.2 7.0 10.6

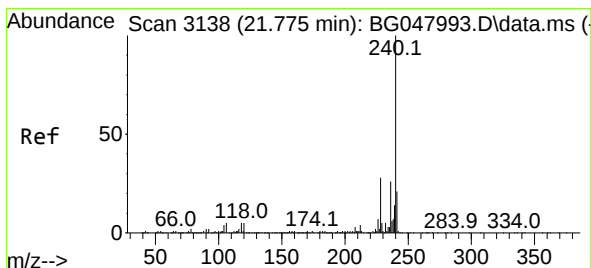
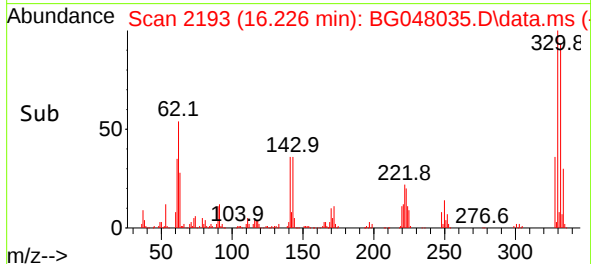
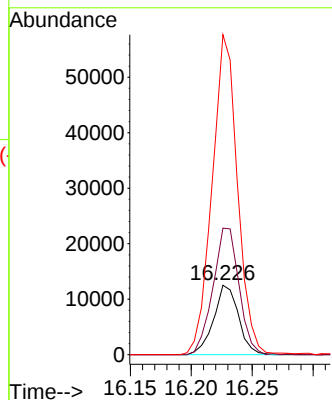
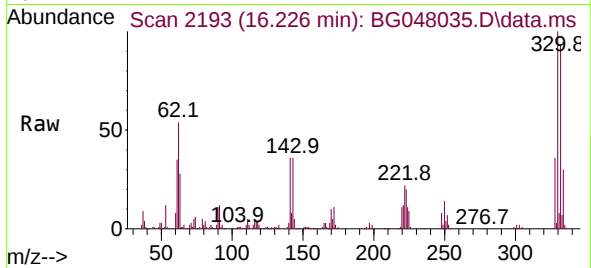




#67
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 16.226 min Scan# 2193
Delta R.T. -0.461 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

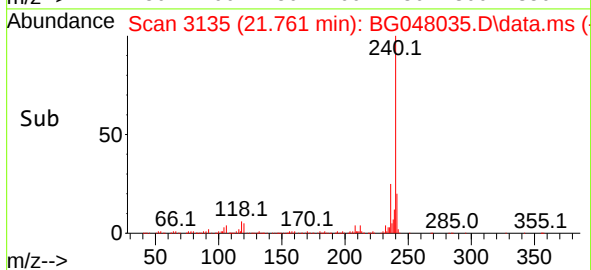
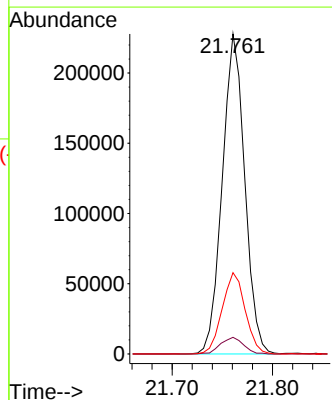
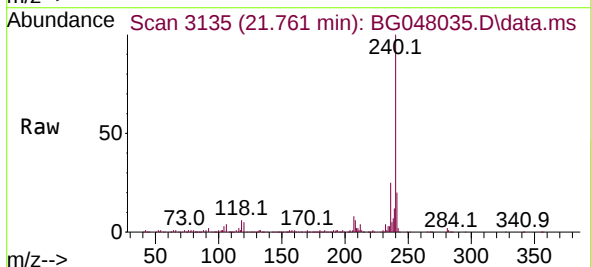
Instrument :
BNA_G
ClientSampleId :
PB134308BL

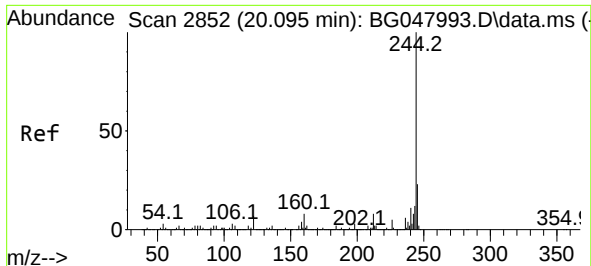
Tgt Ion:248 Resp: 17739
Ion Ratio Lower Upper
248 100
250 182.2 78.9 118.3#
141 460.6 46.2 69.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.761 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG048035.D
Acq: 27 Jan 2021 19:36

Tgt Ion:240 Resp: 354035
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 25.4 20.5 30.7

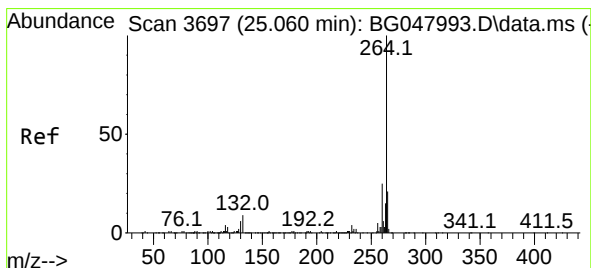
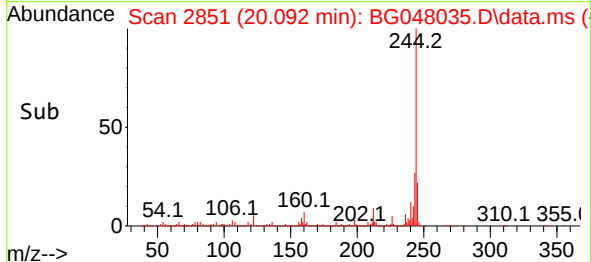
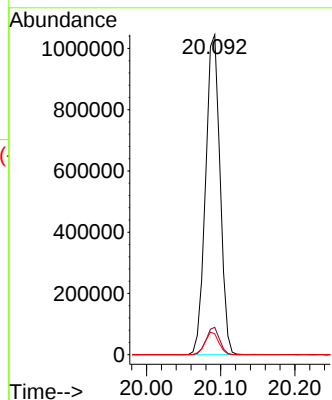
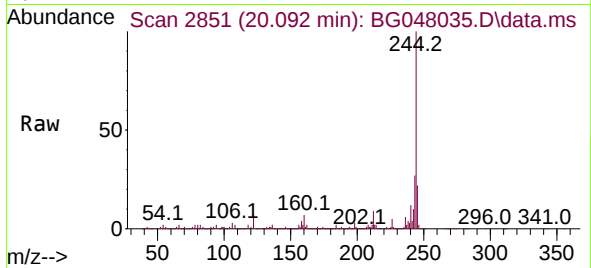




#79
 Terphenyl-d14
 Concen: 69.29 ng
 RT: 20.092 min Scan# 2851
 Delta R.T. -0.003 min
 Lab File: BG048035.D
 Acq: 27 Jan 2021 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB134308BL

Tgt Ion:244 Resp: 1414849
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.7 10.1
 122 6.6 7.8 11.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.039 min Scan# 3693
 Delta R.T. -0.021 min
 Lab File: BG048035.D
 Acq: 27 Jan 2021 19:36

Tgt Ion:264 Resp: 342274
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.1 17.8 26.8

