

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
 Data File : BG048598.D
 Acq On : 6 Apr 2021 10:46
 Operator : CG/JU
 Sample : PB135529BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB135529BL

Quant Time: Apr 06 11:20:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 02 10:20:56 2021
 Response via : Initial Calibration

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

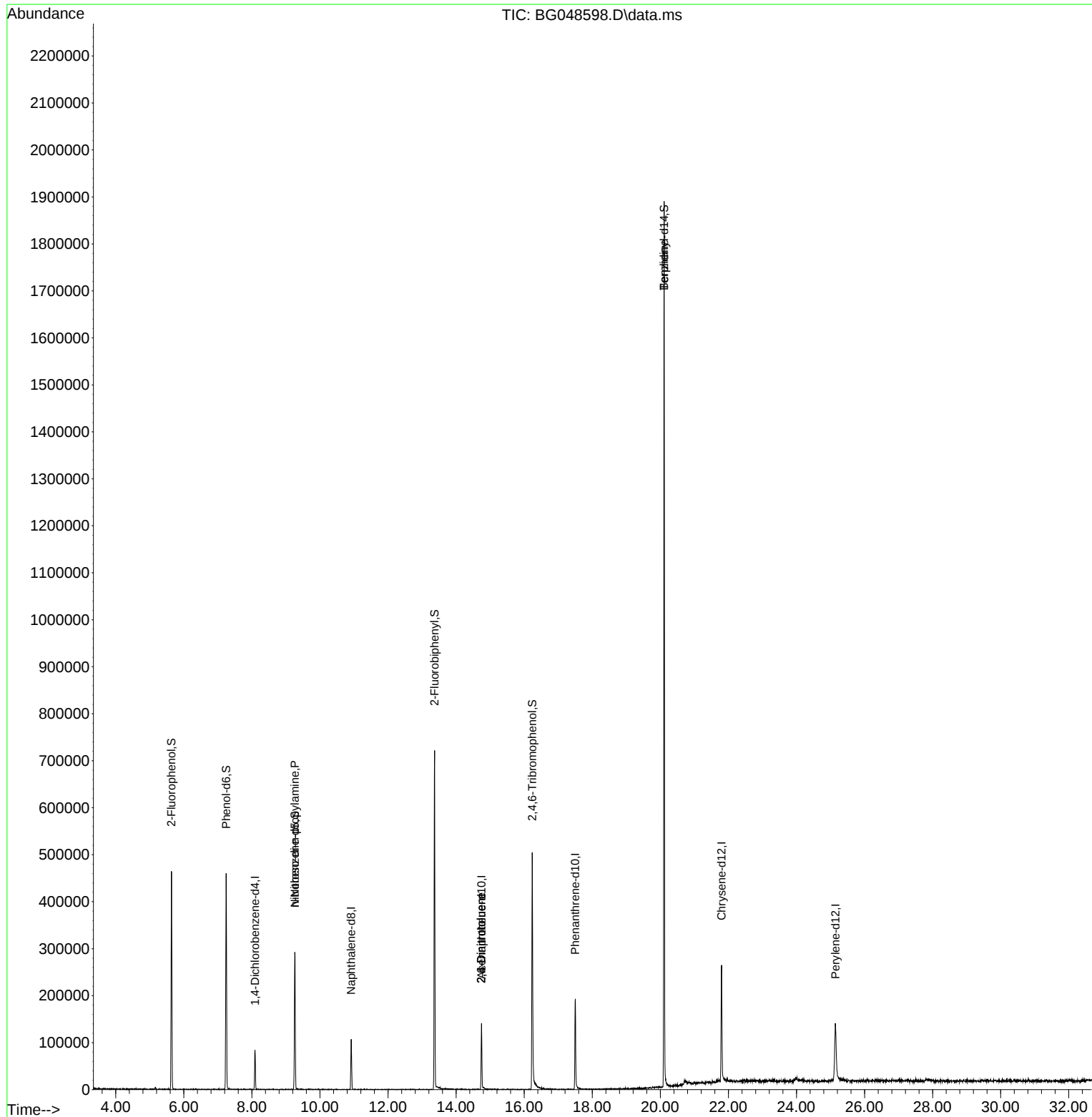
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	22839	20.00	ng	# 0.00
21) Naphthalene-d8	10.916	136	89415	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	51308	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	143067	20.00	ng	0.00
76) Chrysene-d12	21.798	240	175190	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	160540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	197219	152.45	ng	0.00
7) Phenol-d6	7.244	99	239597	127.71	ng	0.00
23) Nitrobenzene-d5	9.260	82	173403	93.89	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	110822	164.31	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	371933	107.74	ng	0.00
79) Terphenyl-d14	20.112	244	883911	92.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	26195	20.26	ng	# 80
51) 2,6-Dinitrotoluene	14.741	165	7157	8.21	ng	# 20
57) 2,4-Dinitrotoluene	14.741	165	7157	5.81	ng	# 24
77) Benzidine	20.112	184	15655	2.64	ng	96

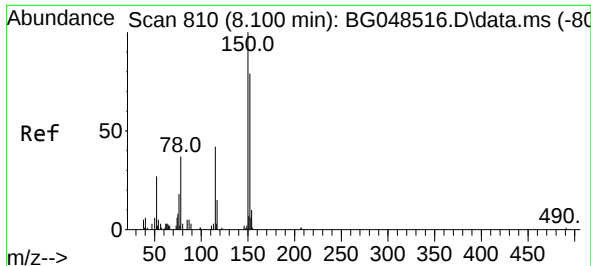
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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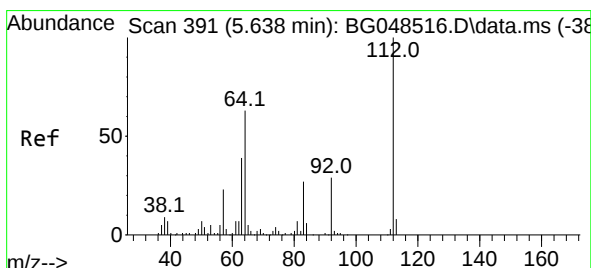
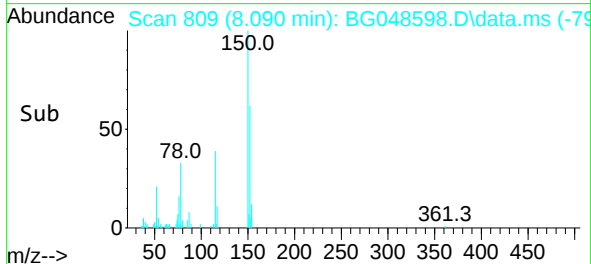
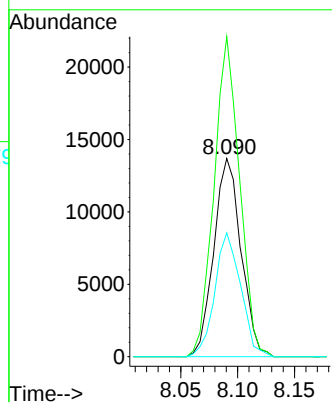
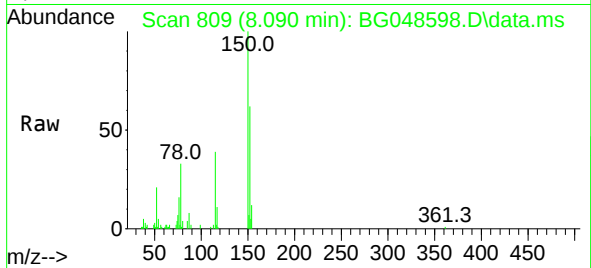




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 809
Delta R.T. -0.004 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

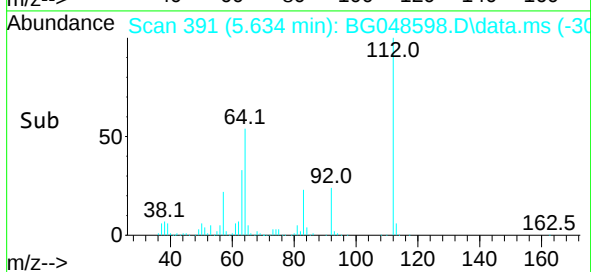
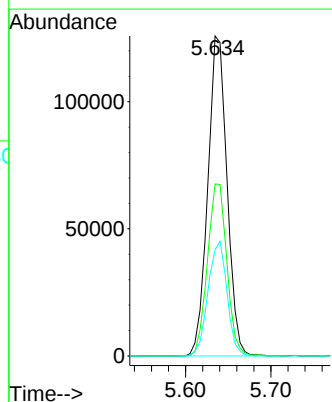
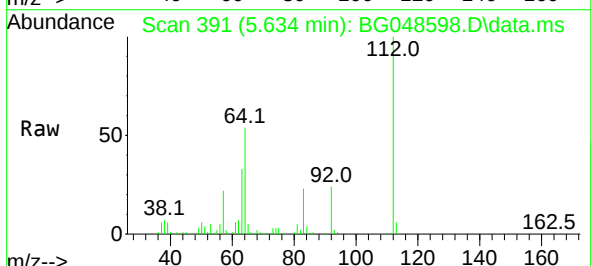
Instrument :
BNA_G
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PB135529BL

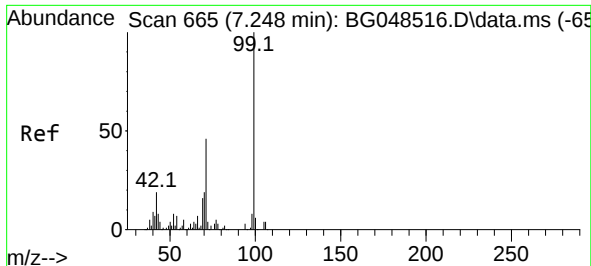
Tgt Ion:152 Resp: 22839
Ion Ratio Lower Upper
152 100
150 161.4 101.3 151.9#
115 62.5 42.3 63.5



#5
2-Fluorophenol
Concen: 152.45 ng
RT: 5.634 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Tgt Ion:112 Resp: 197219
Ion Ratio Lower Upper
112 100
64 53.8 50.4 75.6
63 33.2 31.4 47.2

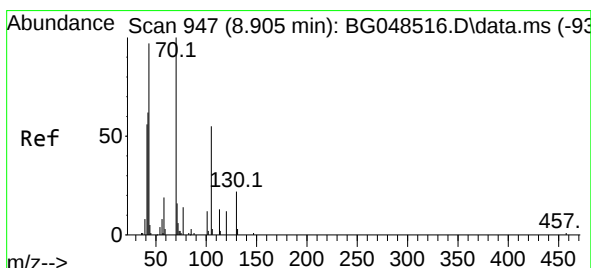
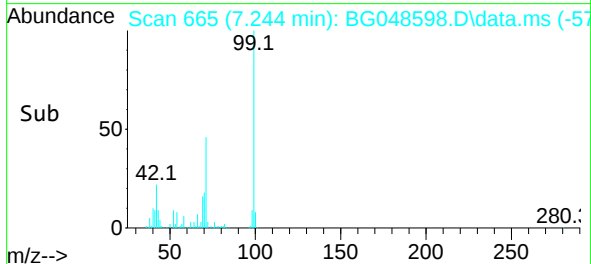
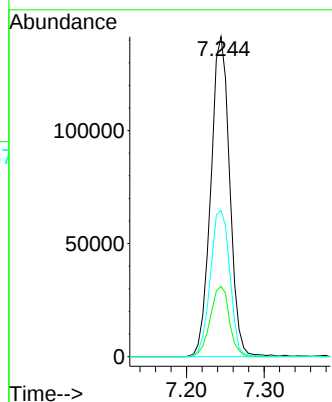
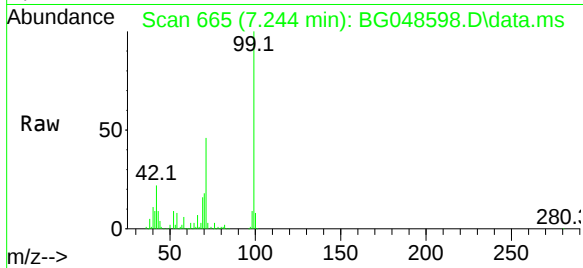




#7
Phenol-d6
Concen: 127.71 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

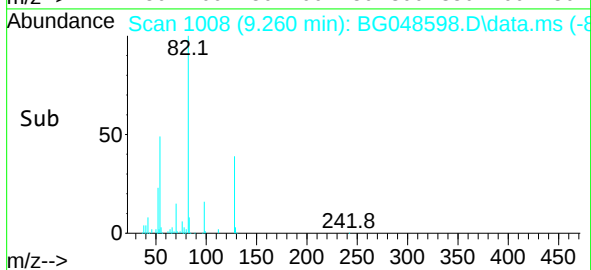
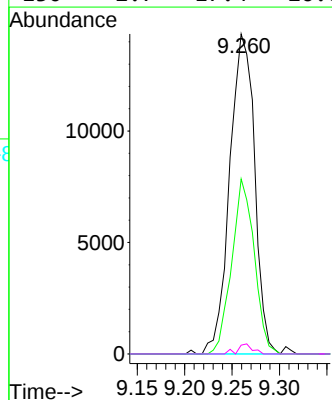
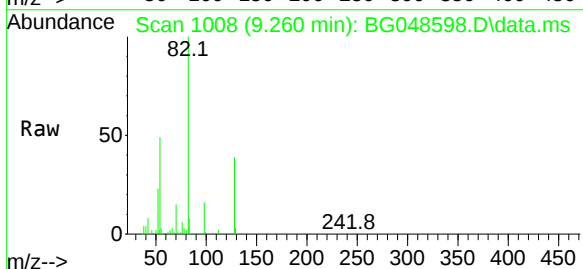
Instrument :
BNA_G
ClientSampleId :
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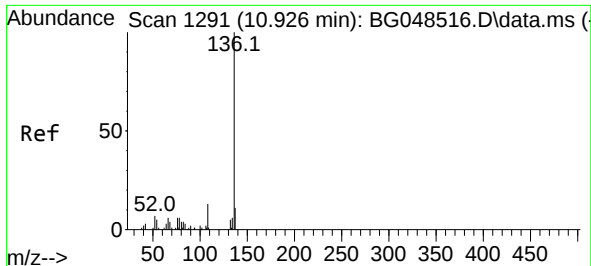
Tgt Ion: 99 Resp: 239597
Ion Ratio Lower Upper
99 100
42 21.9 15.5 23.3
71 45.7 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.26 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.355 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Tgt Ion: 70 Resp: 26195
Ion Ratio Lower Upper
70 100
42 54.7 50.8 76.2
101 0.0 9.7 14.5#
130 2.7 17.4 26.0#

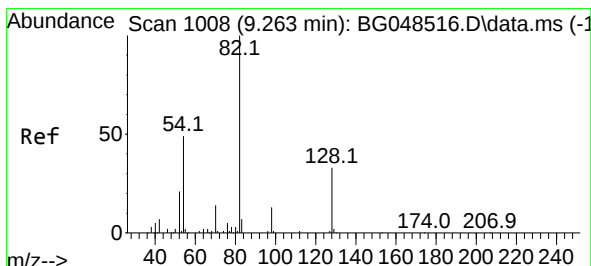
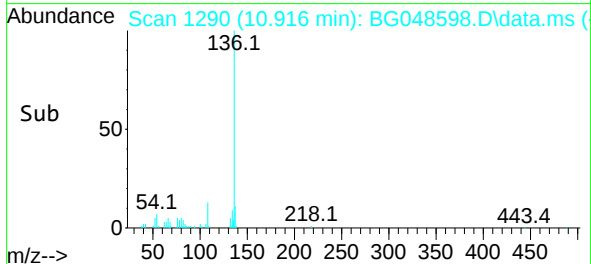
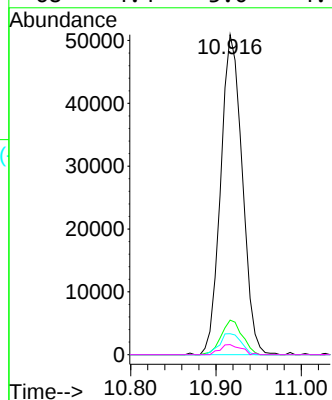
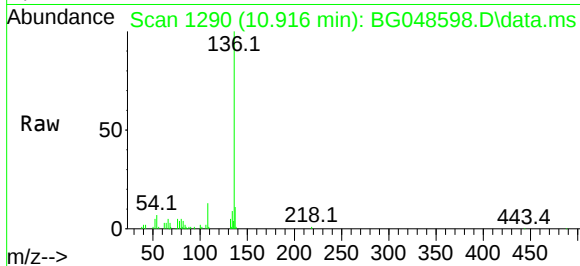




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.916 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

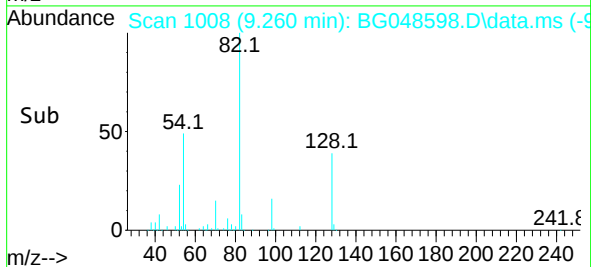
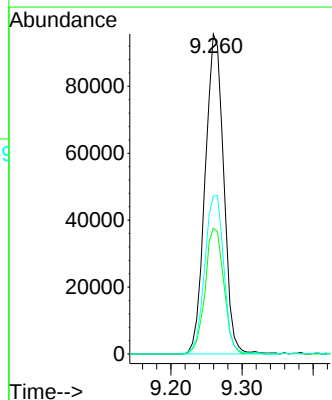
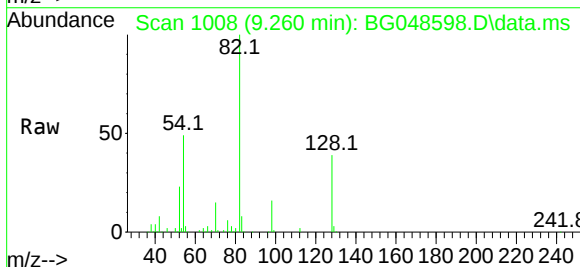
Instrument :
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ClientSampleId :
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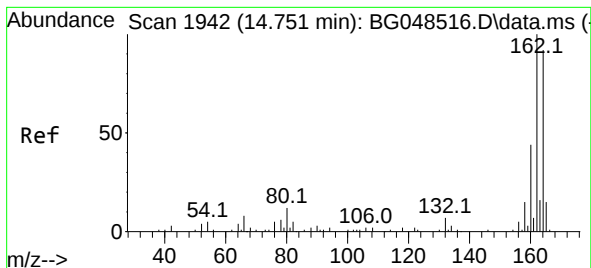
Tgt Ion:	136	Resp:	89415
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	6.6	4.2	6.4#
68	4.4	3.0	4.4



#23
Nitrobenzene-d5
Concen: 93.89 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Tgt Ion:	82	Resp:	173403
Ion Ratio	Lower	Upper	
82	100		
128	39.3	26.2	39.4
54	49.3	38.9	58.3

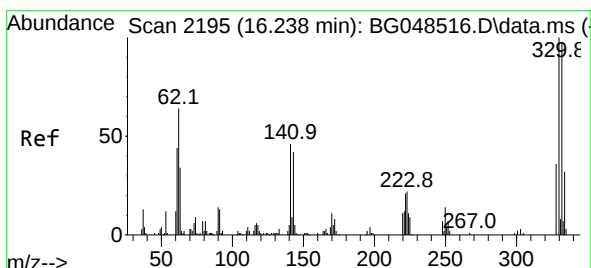
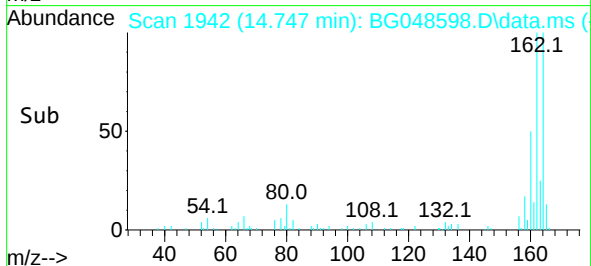
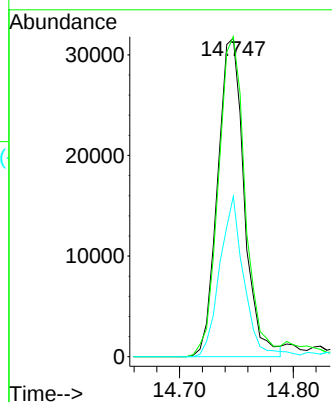
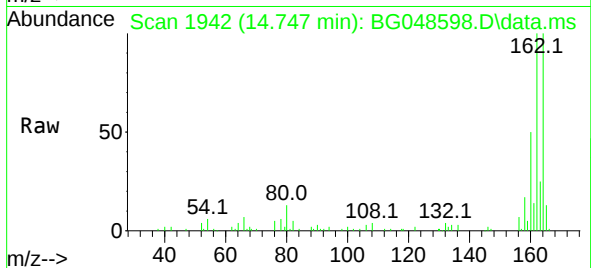




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

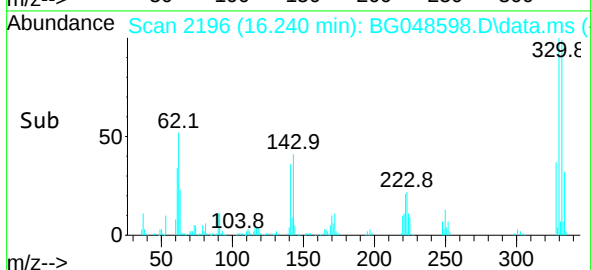
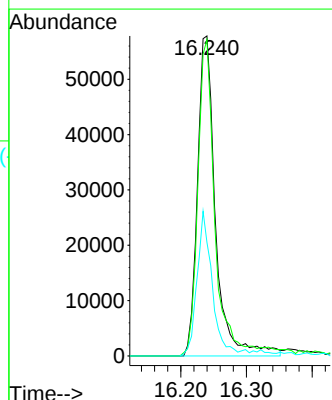
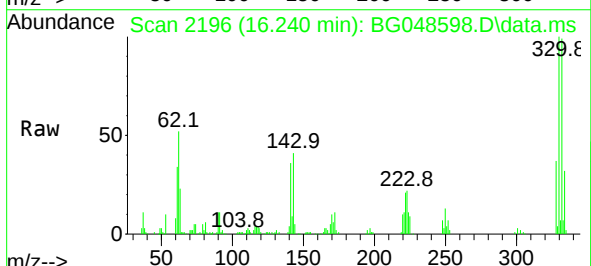
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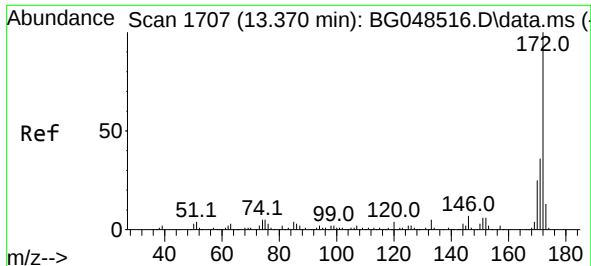
Tgt Ion:164 Resp: 51308
Ion Ratio Lower Upper
164 100
162 100.5 87.0 130.6
160 50.3 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 164.31 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Tgt Ion:330 Resp: 110822
Ion Ratio Lower Upper
330 100
332 92.3 77.6 116.4
141 38.0 34.6 52.0

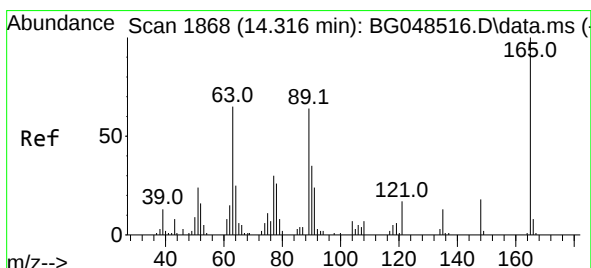
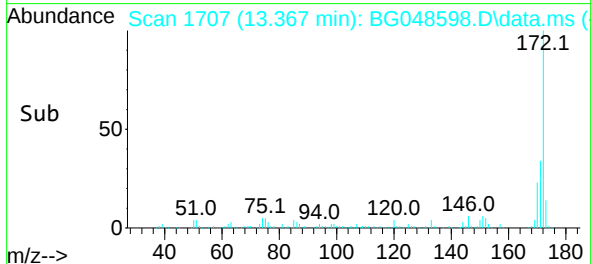
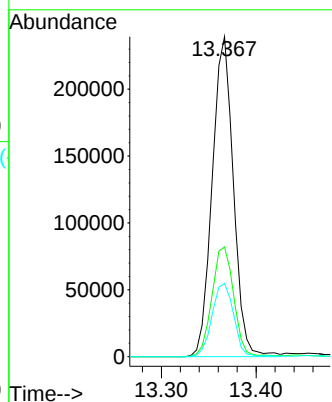
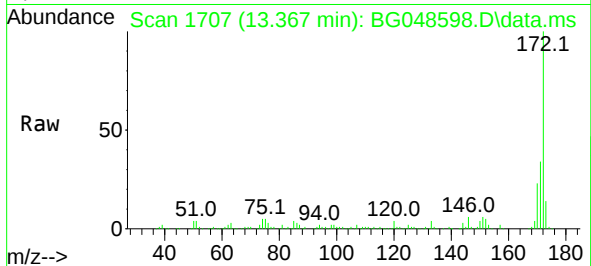




#45
2-Fluorobiphenyl
Concen: 107.74 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

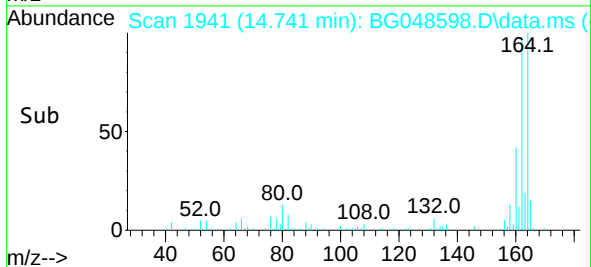
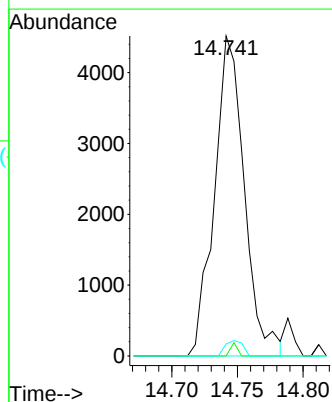
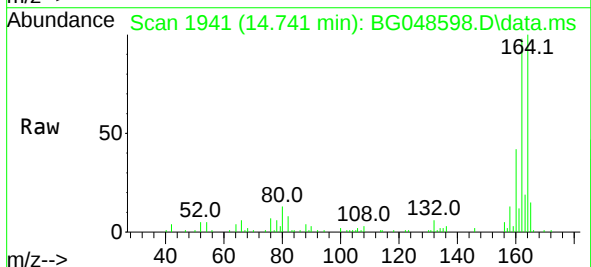
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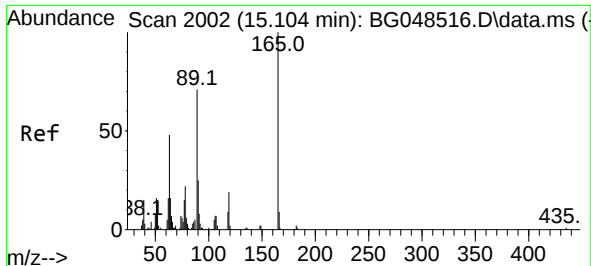
Tgt Ion:172 Resp: 371933
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 22.9 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 14.741 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

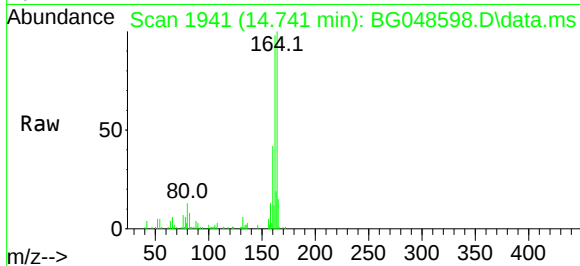
Tgt Ion:165 Resp: 7157
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 3.7 50.8 76.2#



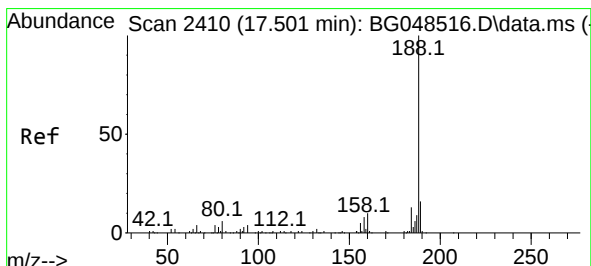
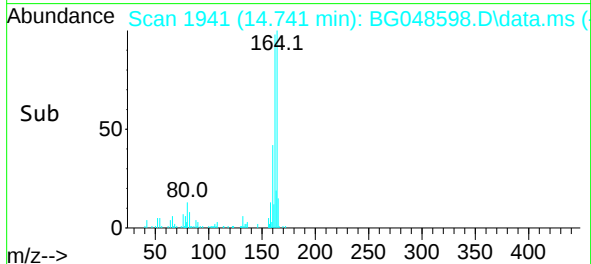
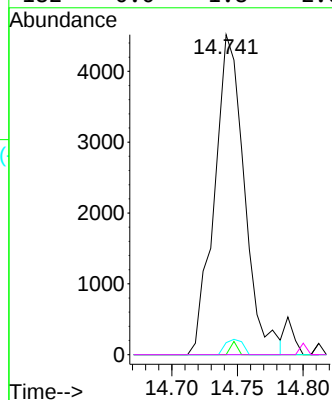


#57
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 14.741 min Scan# 1941
Delta R.T. -0.362 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Instrument :
BNA_G
ClientSampleId :
PB135529BL

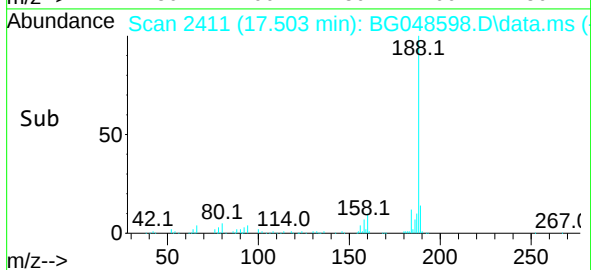
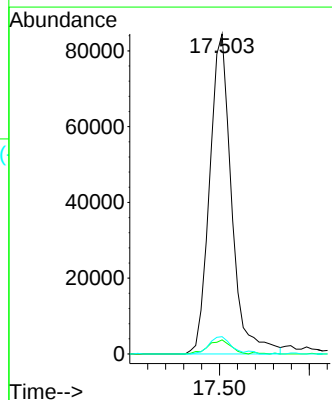
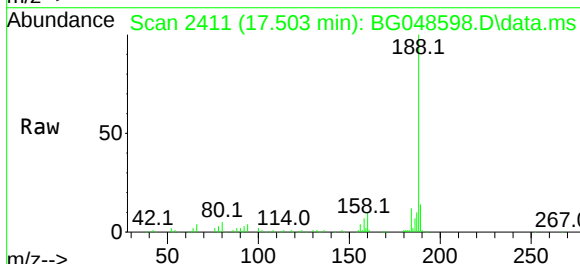


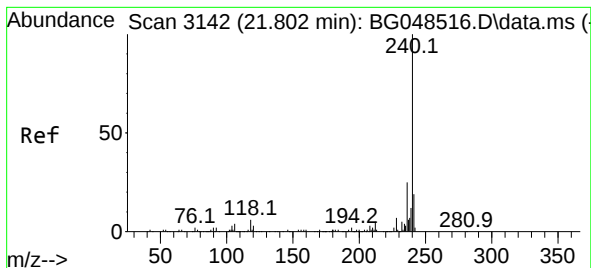
Tgt Ion:165 Resp: 7157
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 3.7 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Tgt Ion:188 Resp: 143067
Ion Ratio Lower Upper
188 100
94 4.4 3.0 4.6
80 5.4 4.5 6.7

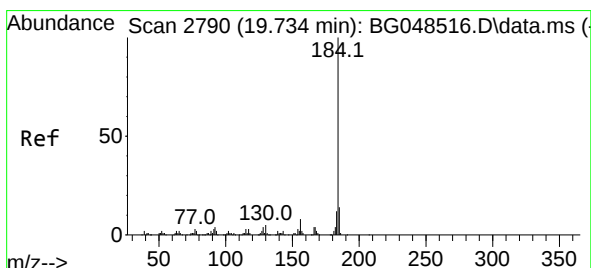
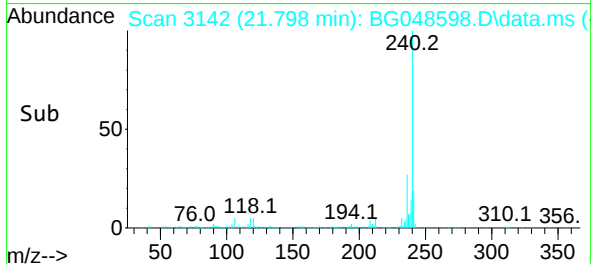
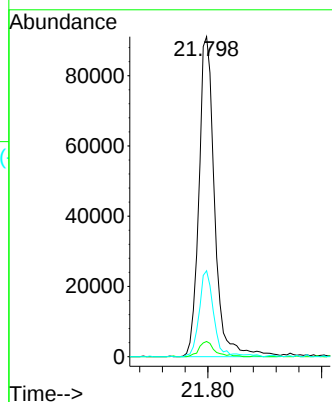
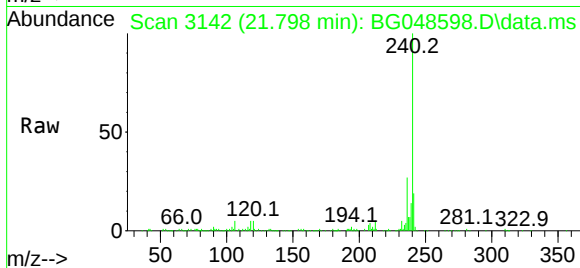




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

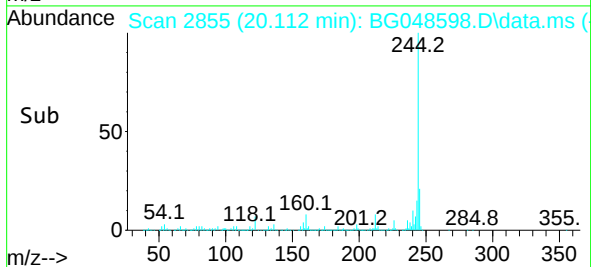
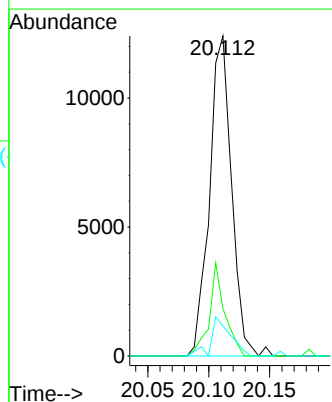
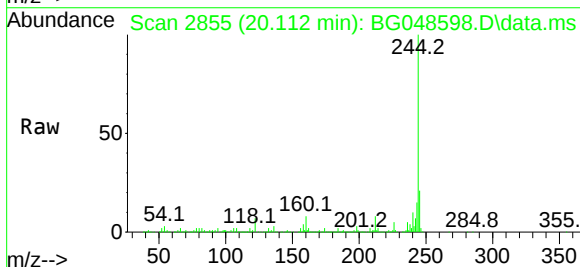
Instrument :
BNA_G
ClientSampleId :
PB135529BL

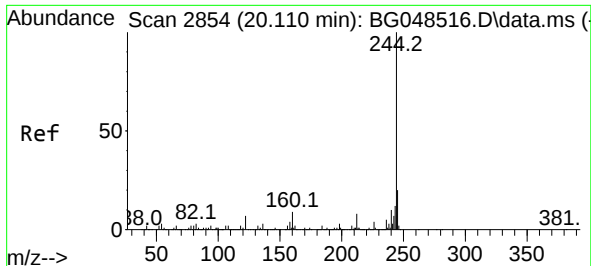
Tgt Ion:240 Resp: 175190
Ion Ratio Lower Upper
240 100
120 4.8 2.6 3.8#
236 26.8 19.8 29.6



#77
Benzidine
Concen: 2.64 ng
RT: 20.112 min Scan# 2855
Delta R.T. 0.379 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Tgt Ion:184 Resp: 15655
Ion Ratio Lower Upper
184 100
185 14.7 11.0 16.4
183 9.4 9.2 13.8

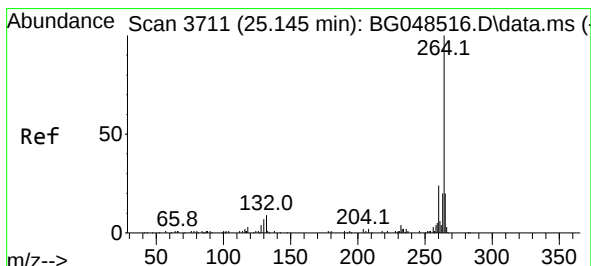
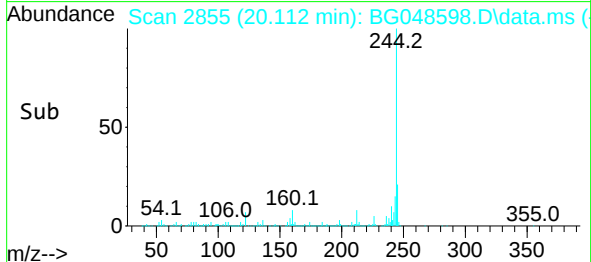
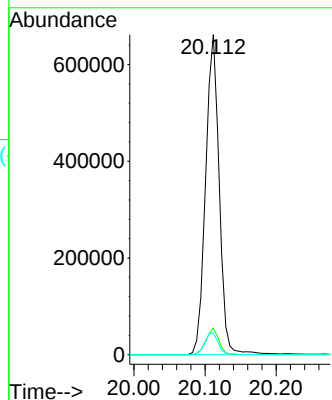
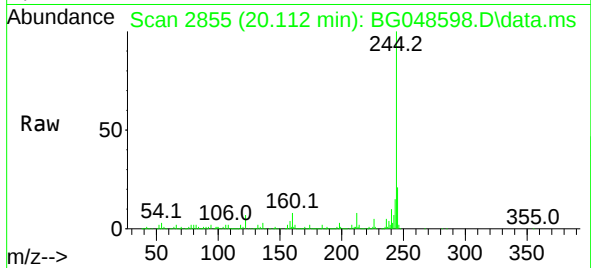




#79
Terphenyl-d14
Concen: 92.27 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Instrument :
BNA_G
ClientSampleId :
PB135529BL

Tgt Ion:244 Resp: 883911
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 6.8 5.8 8.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. -0.009 min
Lab File: BG048598.D
Acq: 6 Apr 2021 10:46

Tgt Ion:264 Resp: 160540
Ion Ratio Lower Upper
264 100
260 21.9 19.1 28.7
265 22.5 16.1 24.1

