

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041321\
 Data File : BG048687.D
 Acq On : 13 Apr 2021 23:44
 Operator : CG/JU
 Sample : M2020-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 105-SB-1

Quant Time: Apr 14 00:33:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

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

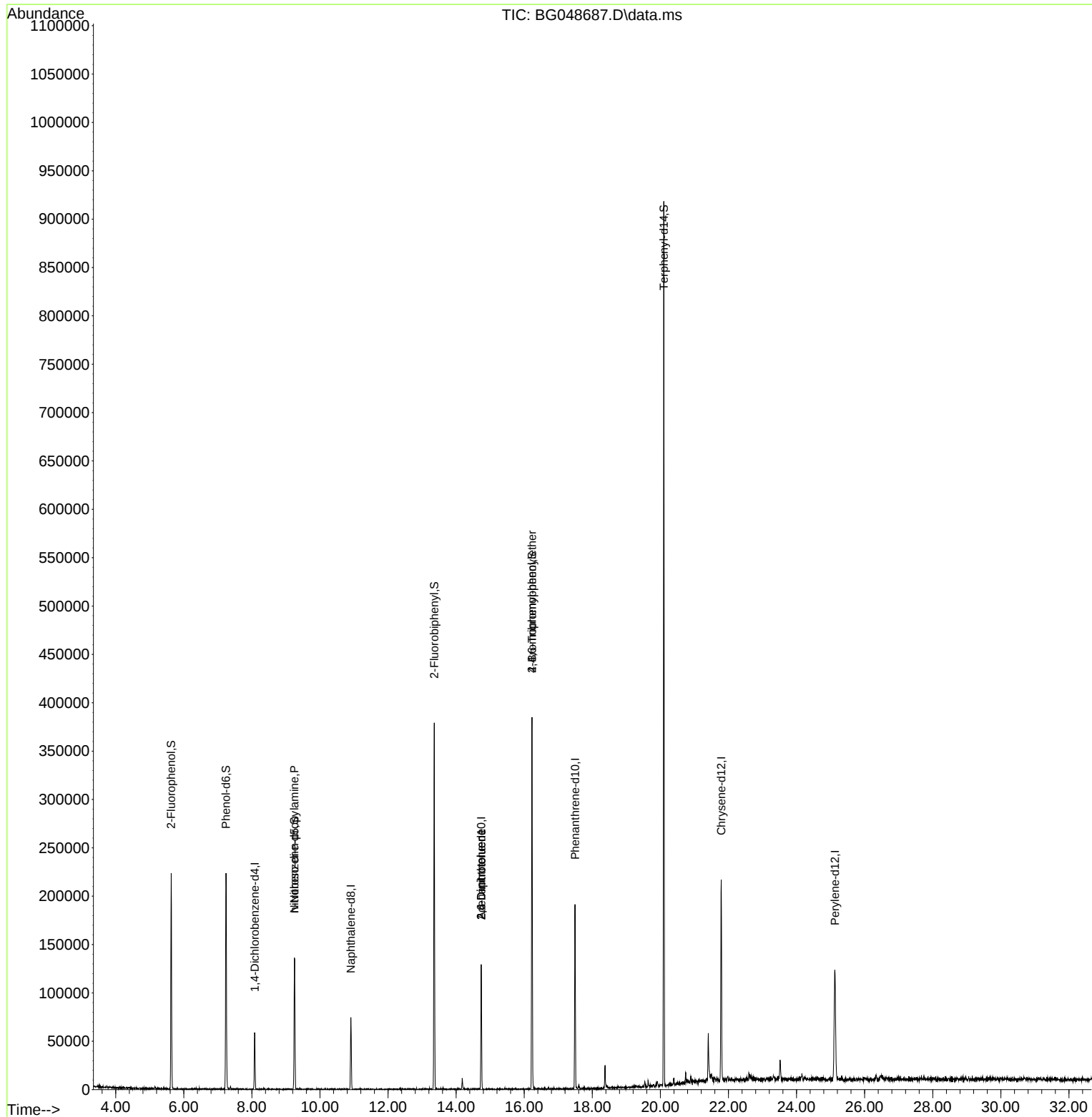
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	15534	20.00	ng	-0.01
21) Naphthalene-d8	10.906	136	57875	20.00	ng	#-0.02
39) Acenaphthene-d10	14.737	164	43868	20.00	ng	-0.01
64) Phenanthrene-d10	17.493	188	115951	20.00	ng	0.00
76) Chrysene-d12	21.788	240	128130	20.00	ng	#-0.01
86) Perylene-d12	25.125	264	125436	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.630	112	78928	89.70	ng	0.00
7) Phenol-d6	7.240	99	101703	79.70	ng	0.00
23) Nitrobenzene-d5	9.250	82	75999	63.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.230	330	63025	109.29	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	176301	59.73	ng	-0.01
79) Terphenyl-d14	20.102	244	390655	55.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.250	70	12671	14.41	ng	# 72
51) 2,6-Dinitrotoluene	14.737	165	6062	8.14	ng	# 21
57) 2,4-Dinitrotoluene	14.737	165	6062	5.75	ng	# 26
67) 4-Bromophenyl-phenylether	16.230	248	5194	4.04	ng	# 1

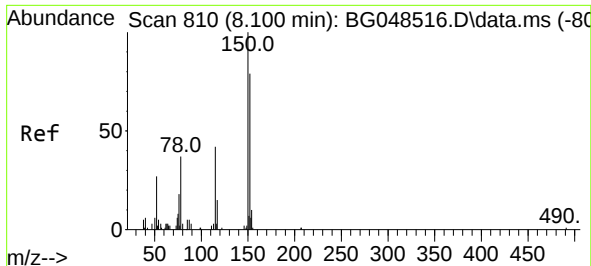
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 00:33:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

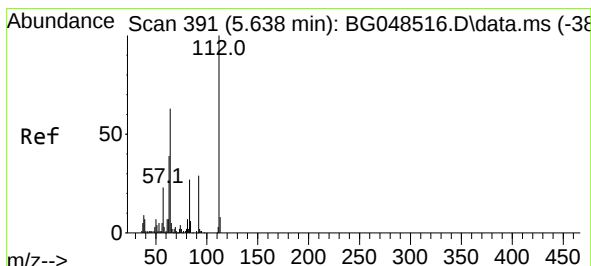
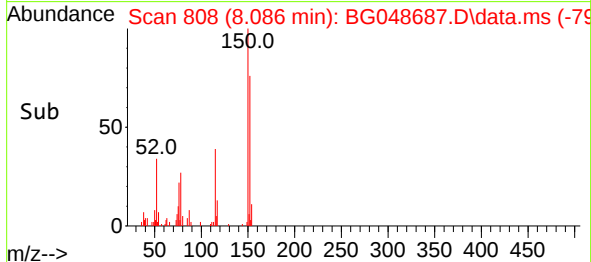
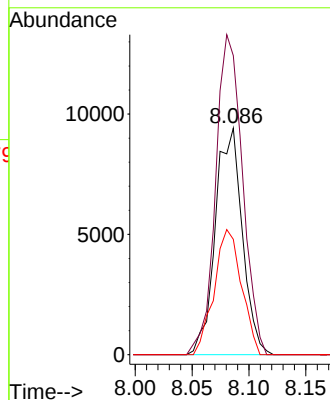
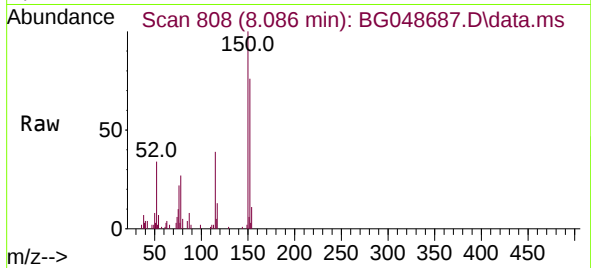




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.086 min Scan# 808
Delta R.T. -0.014 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

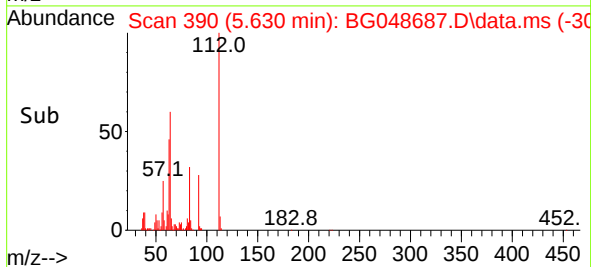
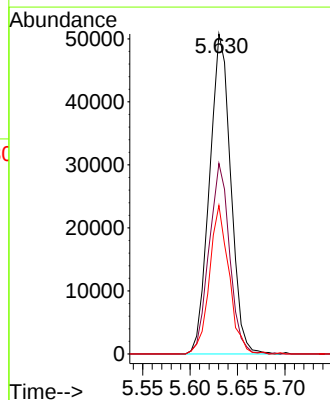
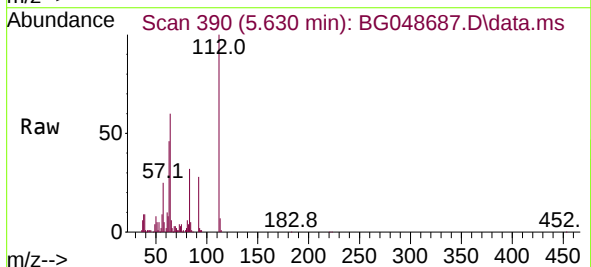
Instrument :
BNA_G
ClientSampleId :
105-SB-1

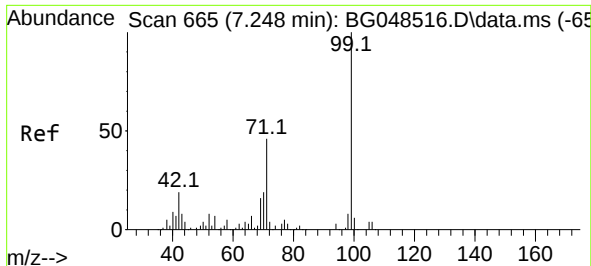
Tgt Ion:152 Resp: 15534
Ion Ratio Lower Upper
152 100
150 132.0 101.3 151.9
115 50.9 42.3 63.5



#5
2-Fluorophenol
Concen: 89.70 ng
RT: 5.630 min Scan# 390
Delta R.T. -0.008 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Tgt Ion:112 Resp: 78928
Ion Ratio Lower Upper
112 100
64 59.6 50.4 75.6
63 46.4 31.4 47.2

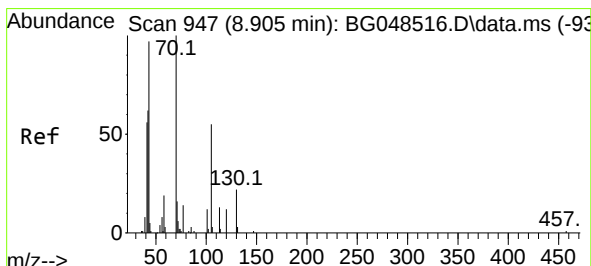
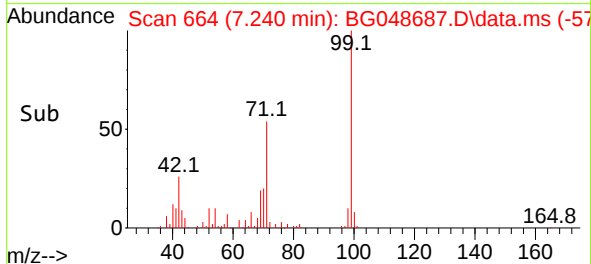
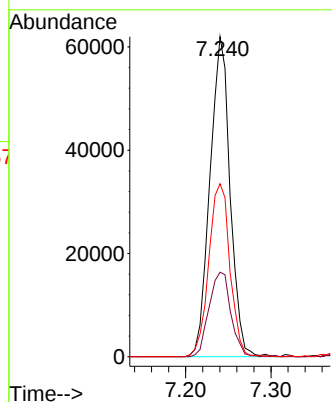
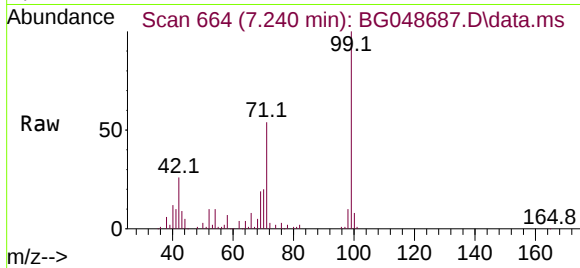




#7
Phenol-d6
Concen: 79.70 ng
RT: 7.240 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

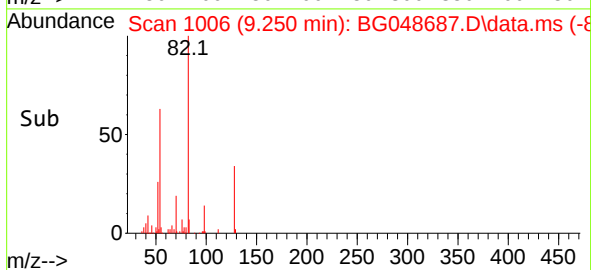
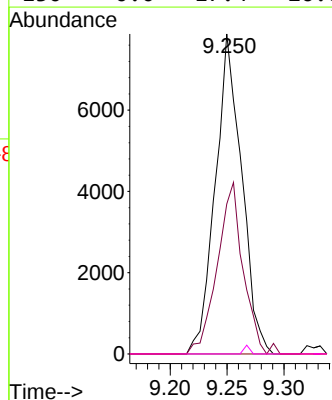
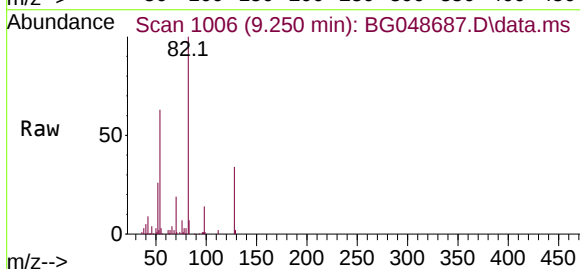
Instrument :
BNA_G
ClientSampleId :
105-SB-1

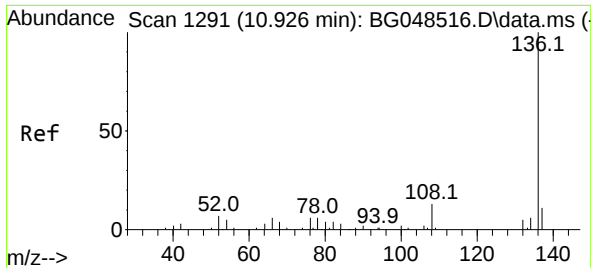
Tgt Ion: 99 Resp: 101703
Ion Ratio Lower Upper
99 100
42 26.4 15.5 23.3#
71 54.1 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.41 ng
RT: 9.250 min Scan# 1006
Delta R.T. 0.345 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Tgt Ion: 70 Resp: 12671
Ion Ratio Lower Upper
70 100
42 46.8 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

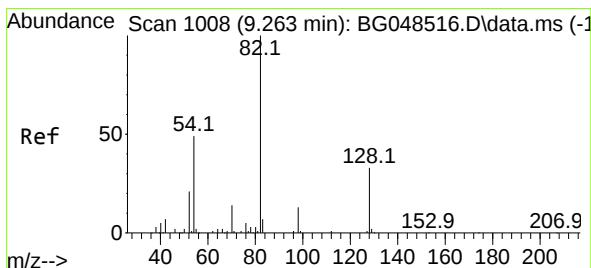
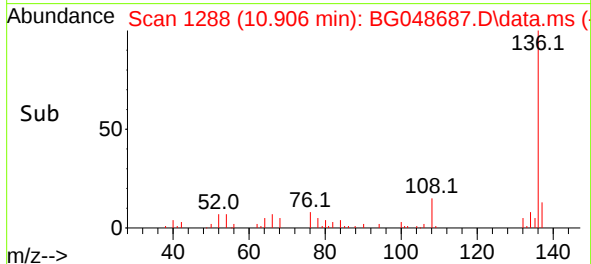
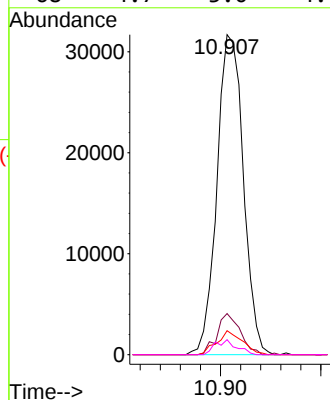
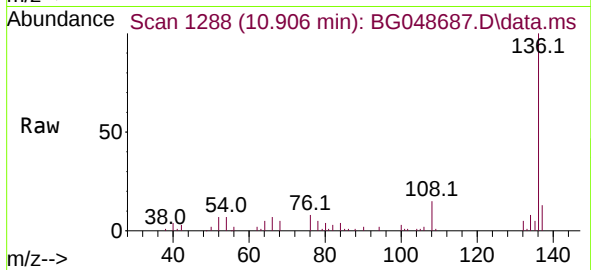




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.906 min Scan# 1288
Delta R.T. -0.020 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

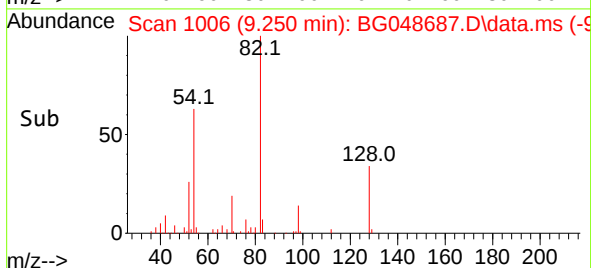
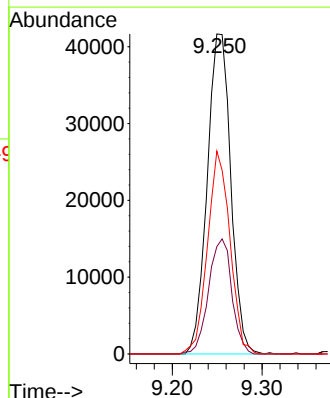
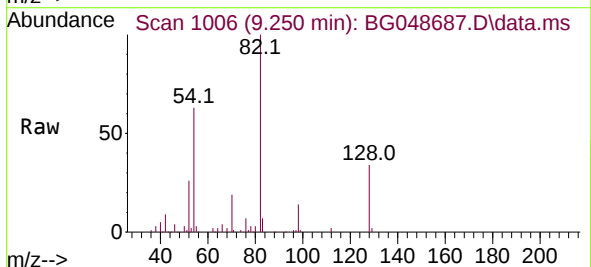
Instrument :
BNA_G
ClientSampleId :
105-SB-1

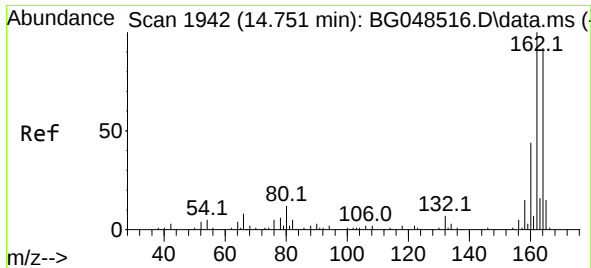
Tgt Ion:	136	Resp:	57875
Ion Ratio	Lower	Upper	
136	100		
137	12.9	8.6	12.8#
54	7.5	4.2	6.4#
68	4.7	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 63.58 ng
RT: 9.250 min Scan# 1006
Delta R.T. -0.014 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Tgt Ion:	82	Resp:	75999
Ion Ratio	Lower	Upper	
82	100		
128	33.5	26.2	39.4
54	63.4	38.9	58.3#

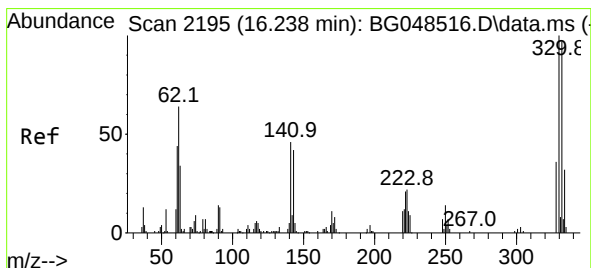
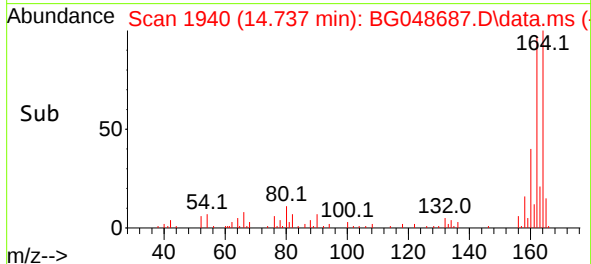
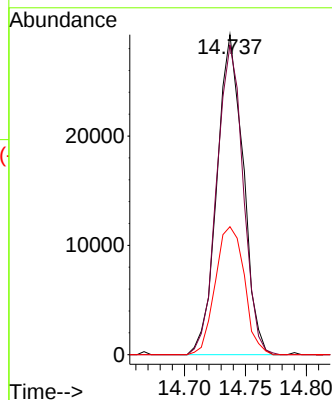
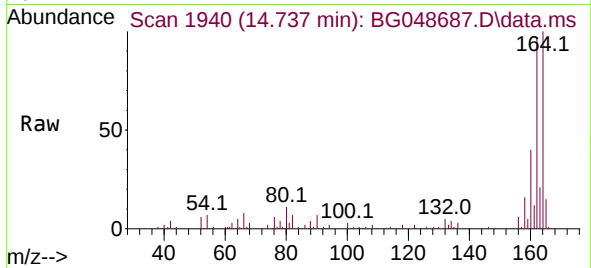




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.014 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

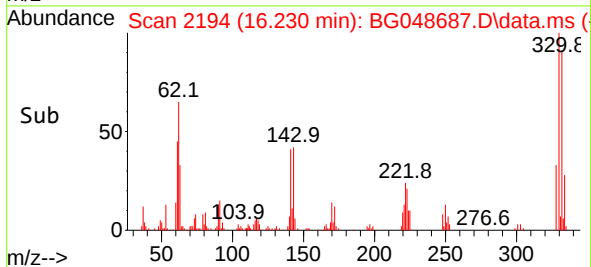
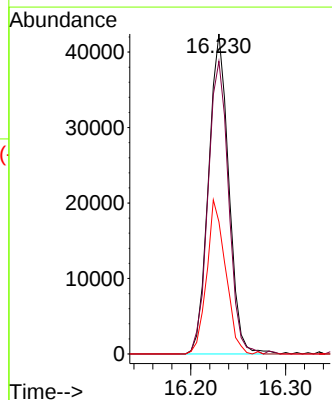
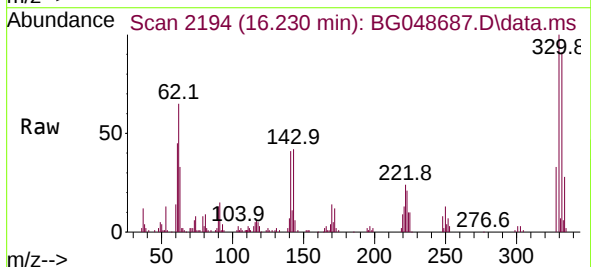
Instrument :
BNA_G
ClientSampled :
105-SB-1

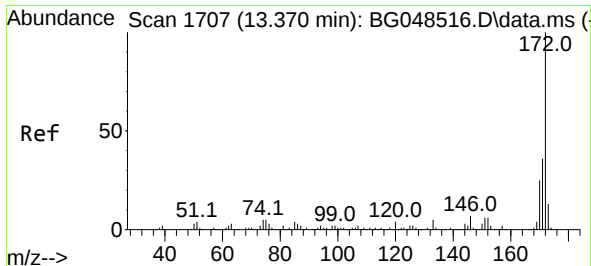
Tgt Ion:164 Resp: 43868
Ion Ratio Lower Upper
164 100
162 96.8 87.0 130.6
160 40.0 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 109.29 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.008 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Tgt Ion:330 Resp: 63025
Ion Ratio Lower Upper
330 100
332 92.6 77.6 116.4
141 44.7 34.6 52.0

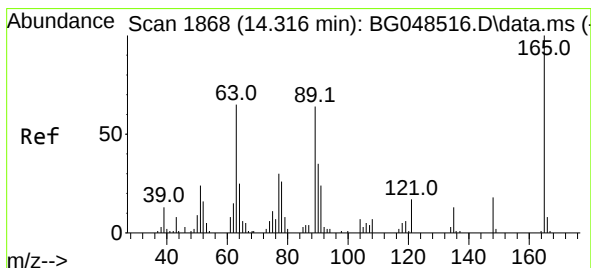
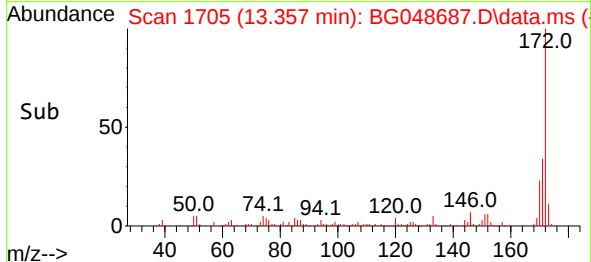
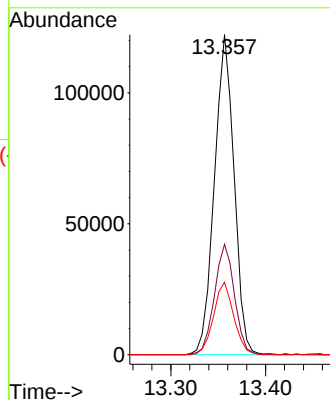
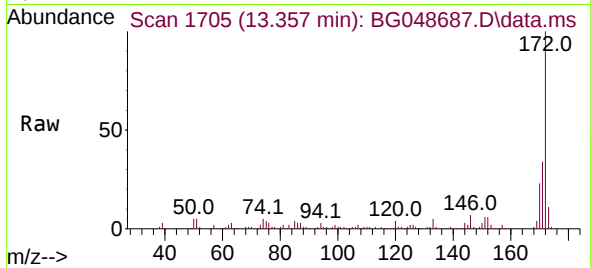




#45
2-Fluorobiphenyl
Concen: 59.73 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.014 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

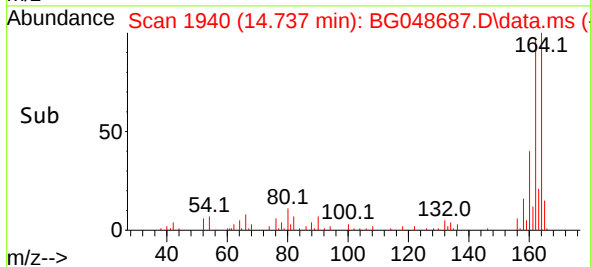
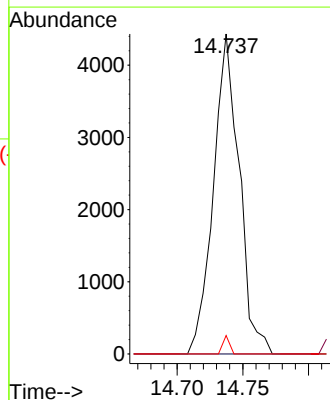
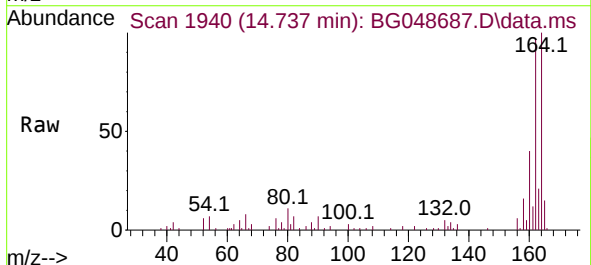
Instrument :
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ClientSampleId :
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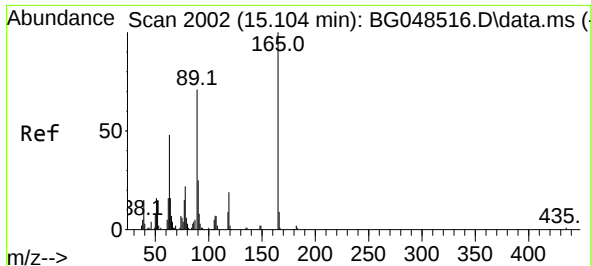
Tgt Ion:172	Resp:	176301
Ion Ratio	Lower	Upper
172	100	
171	34.5	28.5 42.7
170	22.7	19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.14 ng
RT: 14.737 min Scan# 1940
Delta R.T. 0.421 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

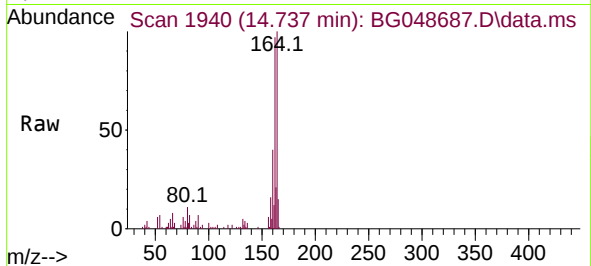
Tgt Ion:165	Resp:	6062
Ion Ratio	Lower	Upper
165	100	
63	0.0	53.8 80.6#
89	5.7	50.8 76.2#



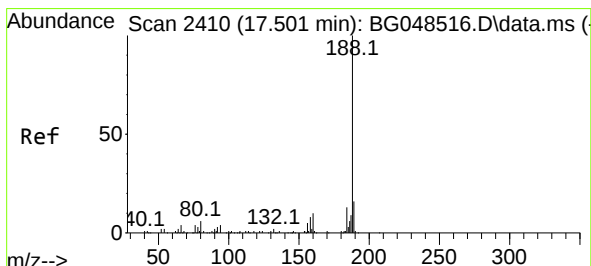
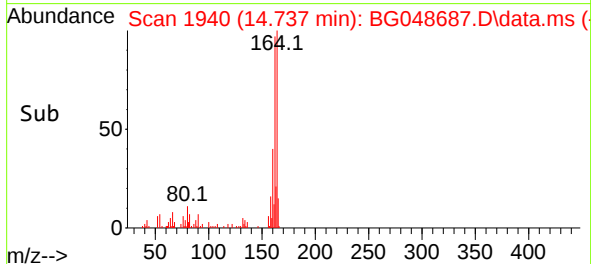
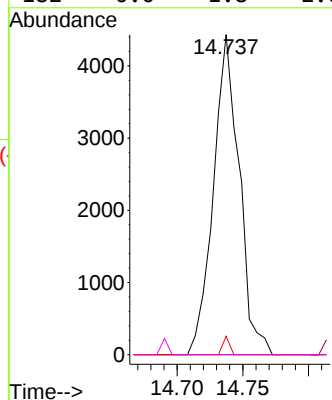


#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 14.737 min Scan# 1940
Delta R.T. -0.366 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Instrument :
BNA_G
ClientSampleId :
105-SB-1

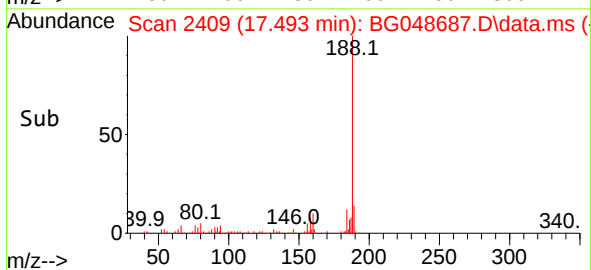
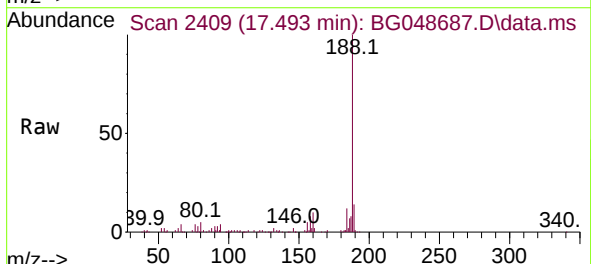
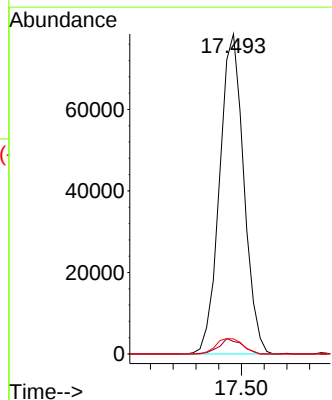


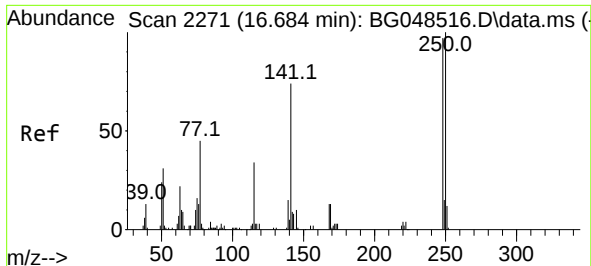
Tgt Ion:165 Resp: 6062
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 5.7 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Tgt Ion:188 Resp: 115951
Ion Ratio Lower Upper
188 100
94 3.9 3.0 4.6
80 4.7 4.5 6.7

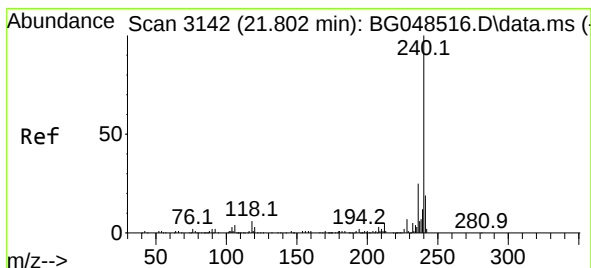
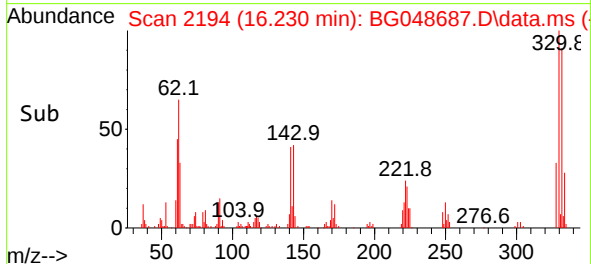
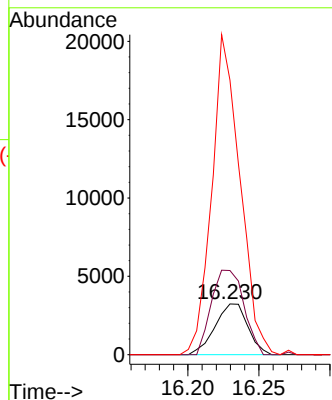
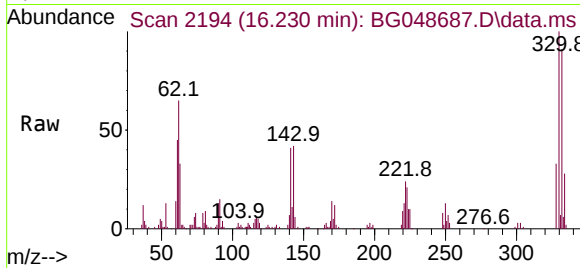




#67
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.455 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

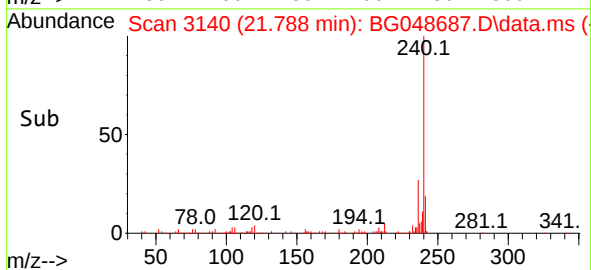
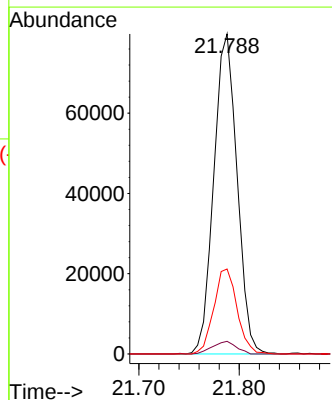
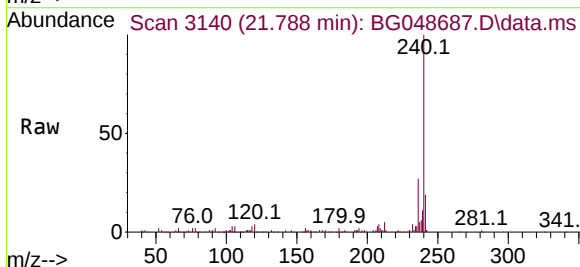
Instrument :
BNA_G
ClientSampled :
105-SB-1

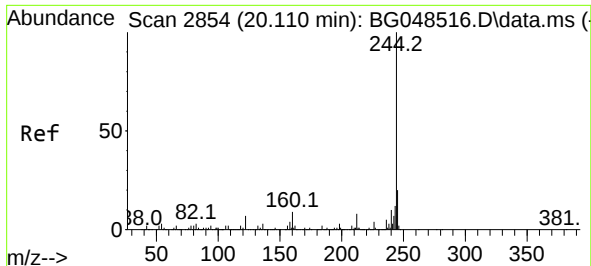
Tgt Ion:248 Resp: 5194
Ion Ratio Lower Upper
248 100
250 170.2 82.6 124.0#
141 419.6 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.014 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Tgt Ion:240 Resp: 128130
Ion Ratio Lower Upper
240 100
120 4.0 2.6 3.8#
236 26.5 19.8 29.6

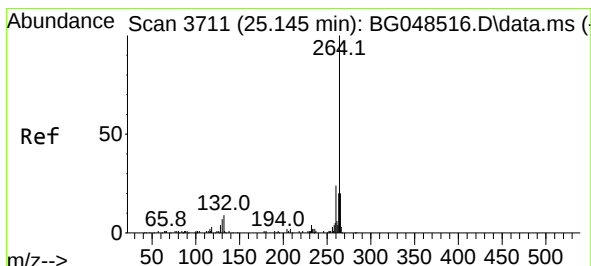
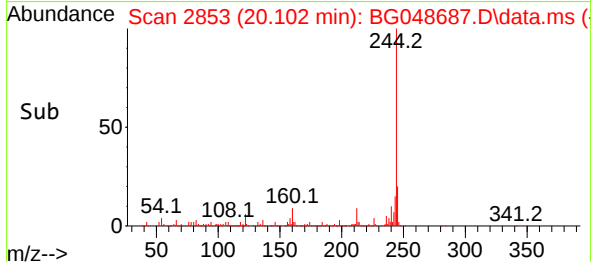
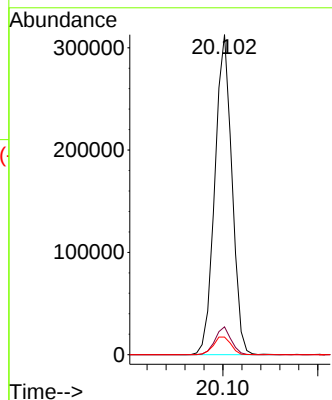
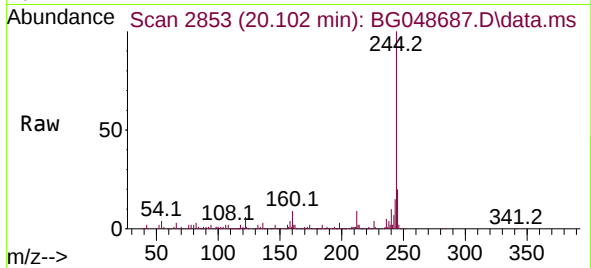




#79
Terphenyl-d14
Concen: 55.76 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.008 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Instrument :
BNA_G
ClientSampleId :
105-SB-1

Tgt Ion:244 Resp: 390655
Ion Ratio Lower Upper
244 100
212 8.7 6.0 9.0
122 5.5 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.125 min Scan# 3708
Delta R.T. -0.020 min
Lab File: BG048687.D
Acq: 13 Apr 2021 23:44

Tgt Ion:264 Resp: 125436
Ion Ratio Lower Upper
264 100
260 25.0 19.1 28.7
265 20.5 16.1 24.1

