

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048586.D
 Acq On : 5 Apr 2021 16:38
 Operator : CG/JU
 Sample : M1932-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TS-3

Quant Time: Apr 05 17:14:00 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)

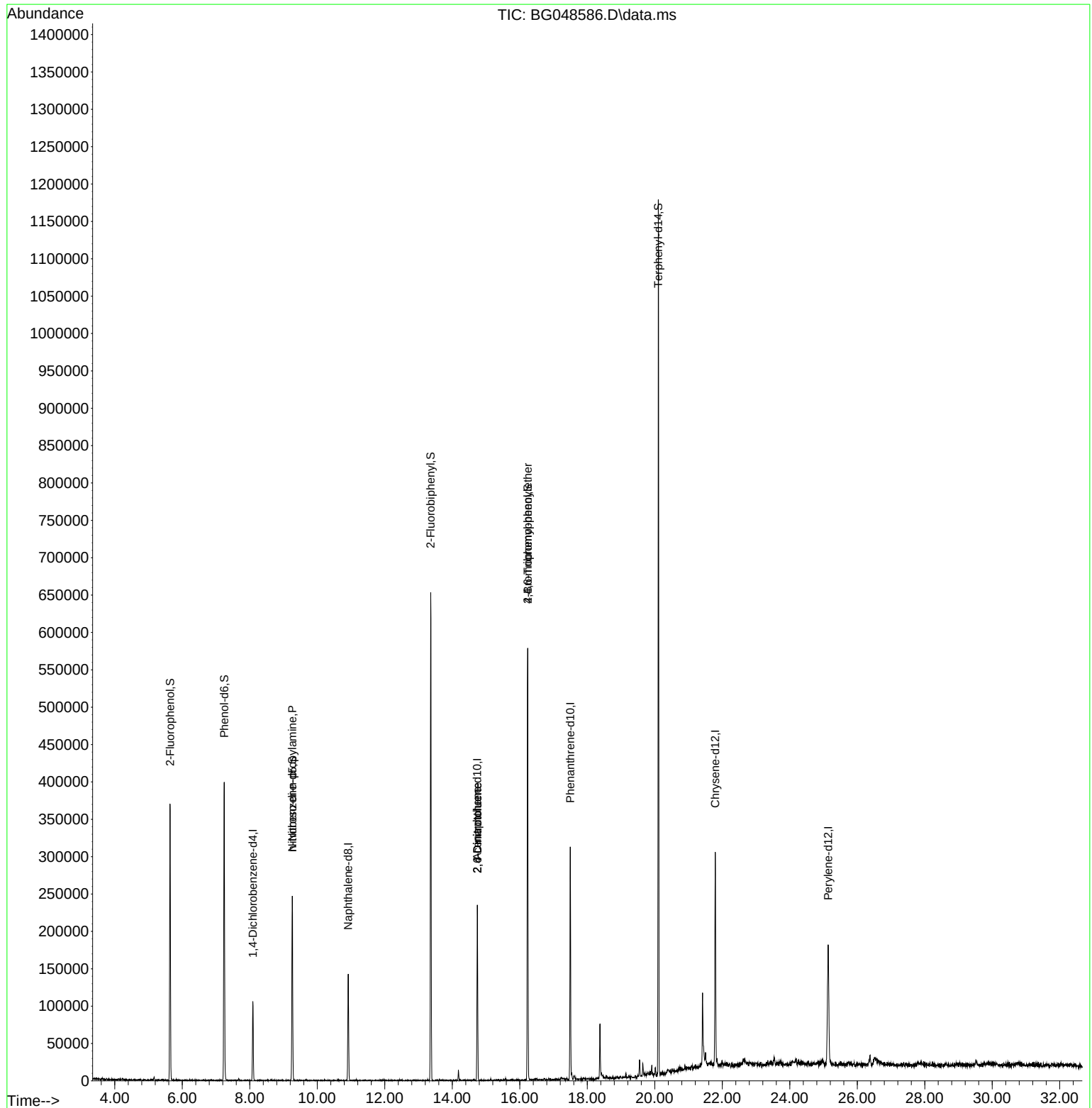
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	27312	20.00	ng	# 0.00
21) Naphthalene-d8	10.917	136	115306	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	81691	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	190555	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	174102	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	172957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	157111	101.56	ng	0.00
7) Phenol-d6	7.245	99	206434	92.01	ng	0.00
23) Nitrobenzene-d5	9.260	82	142850	59.98	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	100895	93.96	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	331231	60.27	ng	0.00
79) Terphenyl-d14	20.106	244	537967	56.51	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.260	70	21830	14.12	ng	# 72
51) 2,6-Dinitrotoluene	14.748	165	11502	8.29	ng	# 20
57) 2,4-Dinitrotoluene	14.748	165	11502	5.86	ng	# 24
67) 4-Bromophenyl-phenylether	16.234	248	7554	3.58	ng	# 1

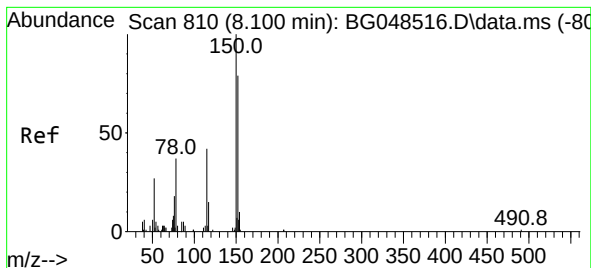
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
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Quant Time: Apr 05 17:14:00 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

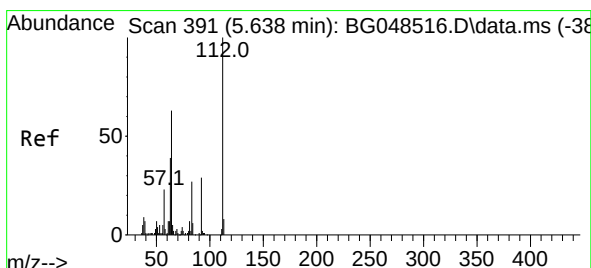
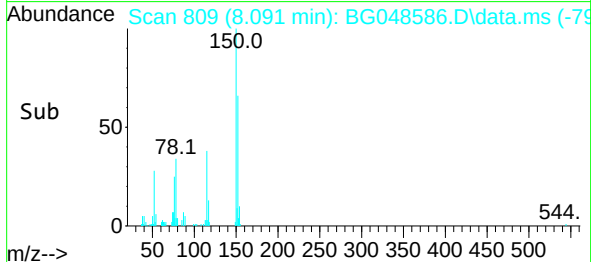
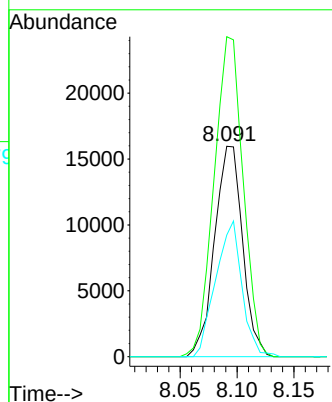
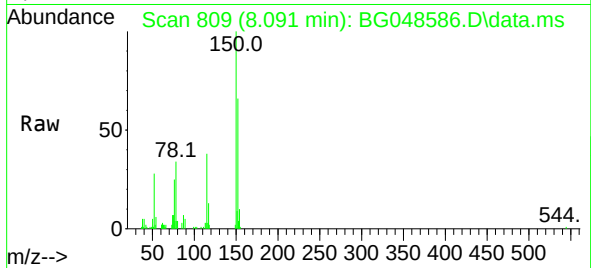




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

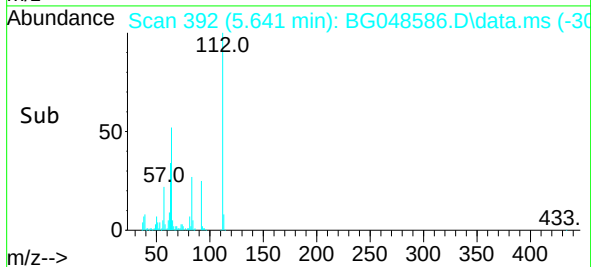
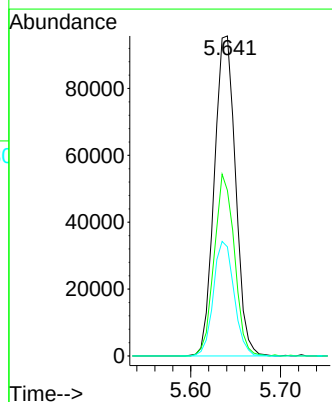
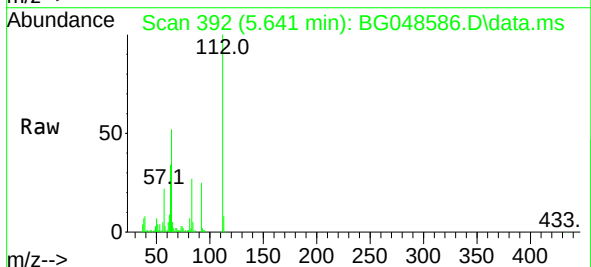
Instrument :
BNA_G
ClientSampleId :
TS-3

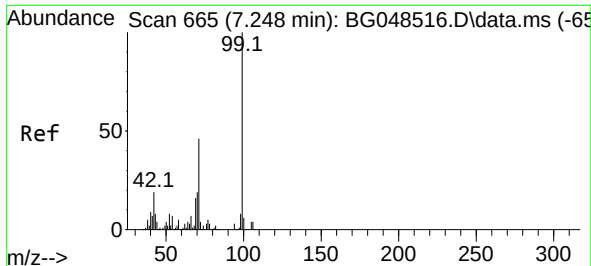
Tgt Ion:152 Resp: 27312
Ion Ratio Lower Upper
152 100
150 152.1 101.3 151.9#
115 57.8 42.3 63.5



#5
2-Fluorophenol
Concen: 101.56 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

Tgt Ion:112 Resp: 157111
Ion Ratio Lower Upper
112 100
64 51.8 50.4 75.6
63 34.1 31.4 47.2

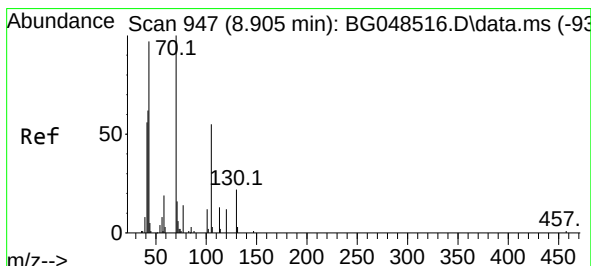
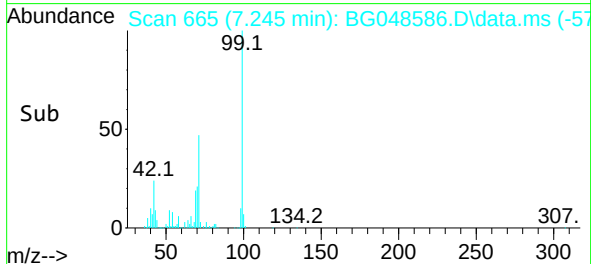
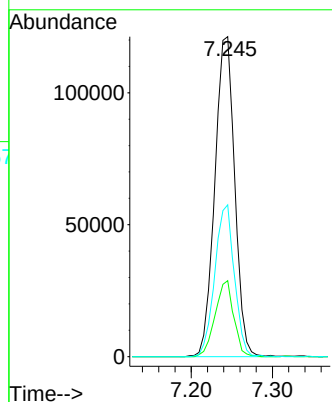
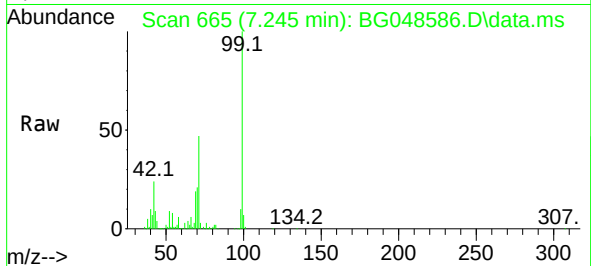




#7
Phenol-d6
Concen: 92.01 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

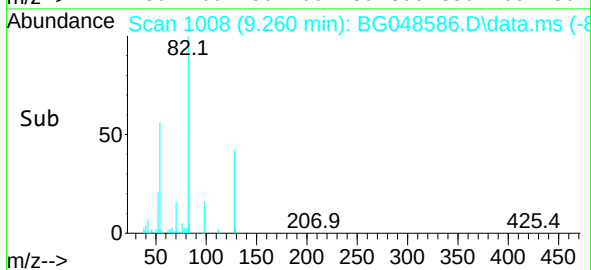
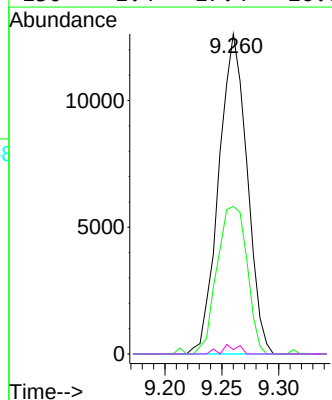
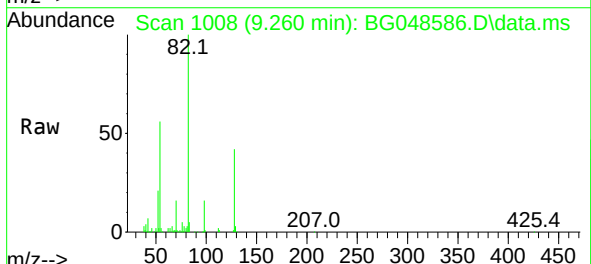
Instrument :
BNA_G
ClientSampleId :
TS-3

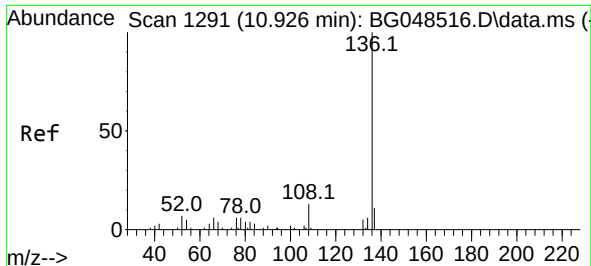
Tgt Ion: 99 Resp: 206434
Ion Ratio Lower Upper
99 100
42 23.7 15.5 23.3#
71 47.5 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.12 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

Tgt Ion: 70 Resp: 21830
Ion Ratio Lower Upper
70 100
42 46.1 50.8 76.2#
101 0.0 9.7 14.5#
130 1.4 17.4 26.0#

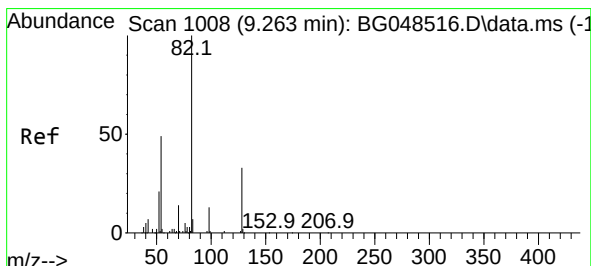
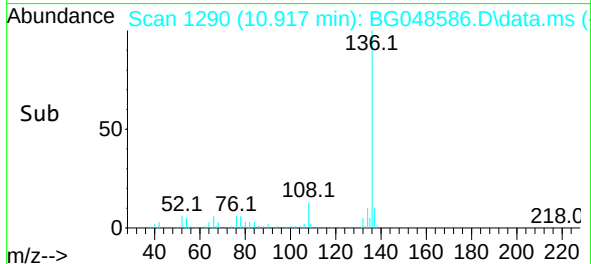
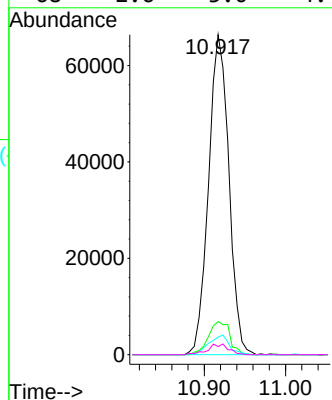
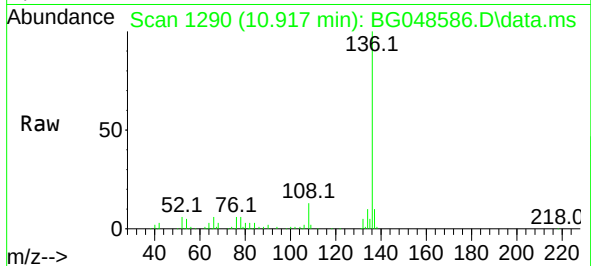




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

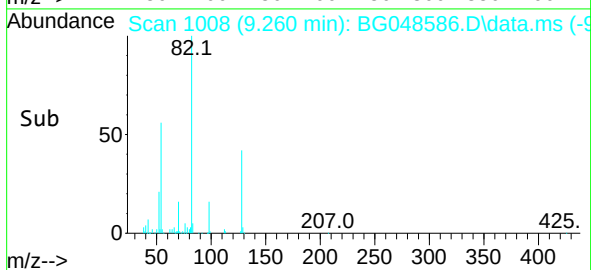
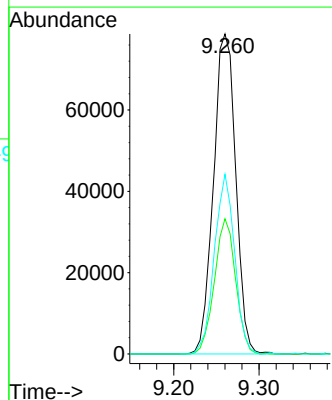
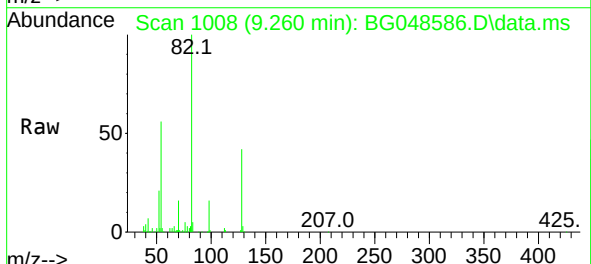
Instrument :
BNA_G
ClientSampleId :
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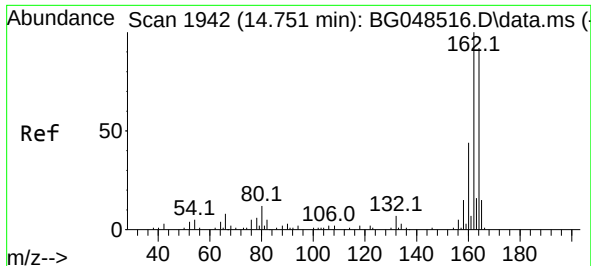
Tgt Ion:136 Resp: 115306
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 5.5 4.2 6.4
68 2.6 3.0 4.4#



#23
Nitrobenzene-d5
Concen: 59.98 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

Tgt Ion: 82 Resp: 142850
Ion Ratio Lower Upper
82 100
128 42.3 26.2 39.4#
54 56.1 38.9 58.3

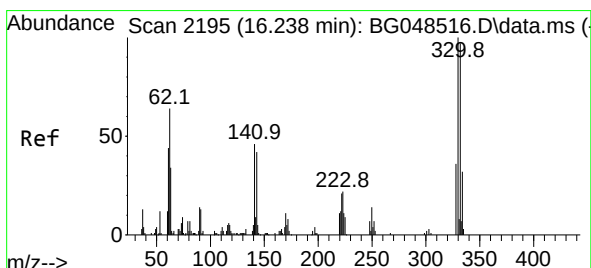
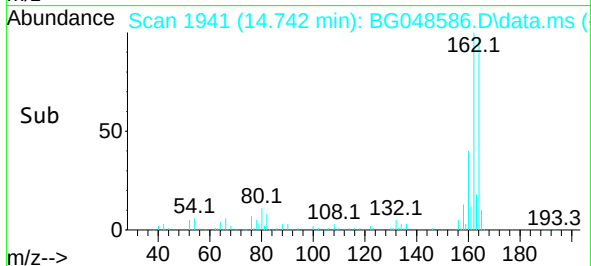
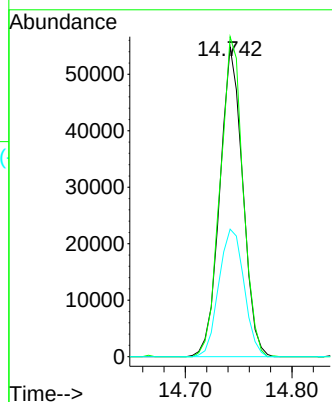
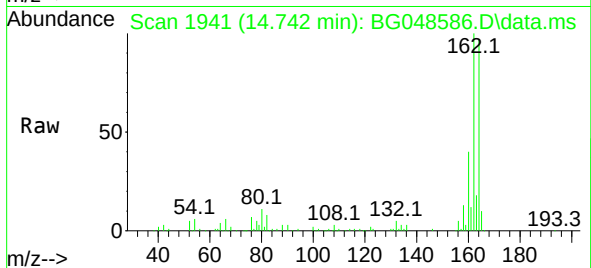




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

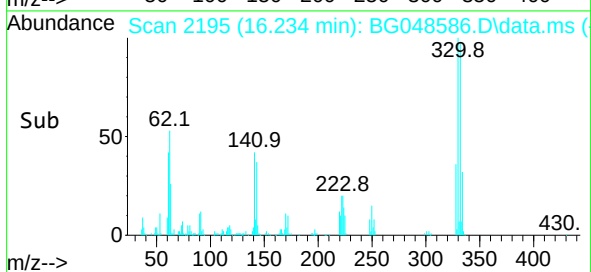
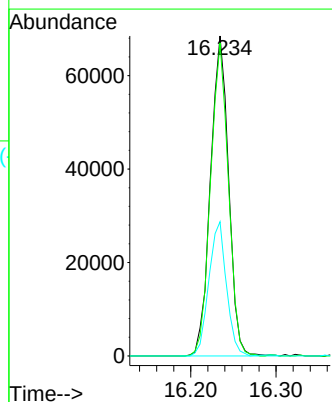
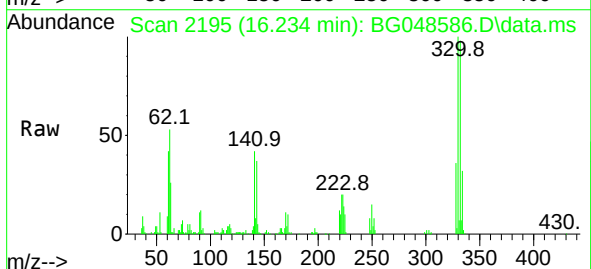
Instrument :
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ClientSampleId :
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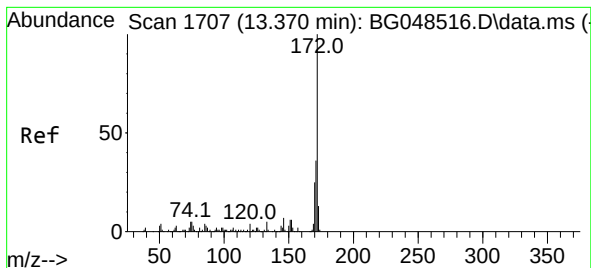
Tgt Ion:164 Resp: 81691
Ion Ratio Lower Upper
164 100
162 103.3 87.0 130.6
160 41.2 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 93.96 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

Tgt Ion:330 Resp: 100895
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 40.8 34.6 52.0

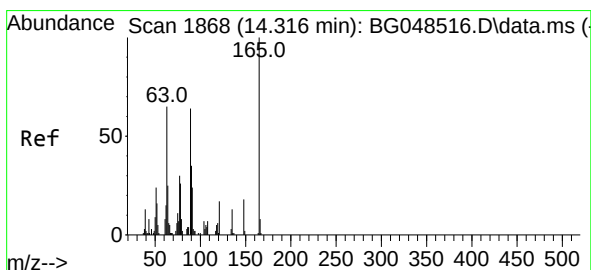
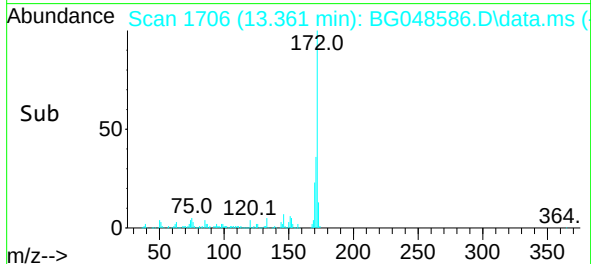
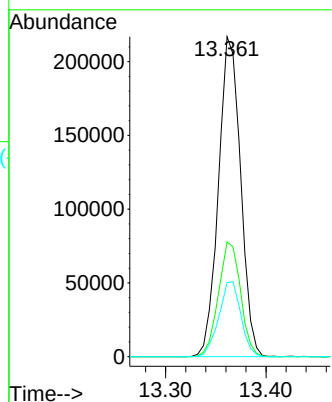
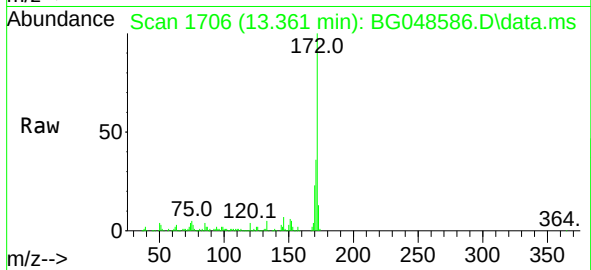




#45
2-Fluorobiphenyl
Concen: 60.27 ng
RT: 13.361 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

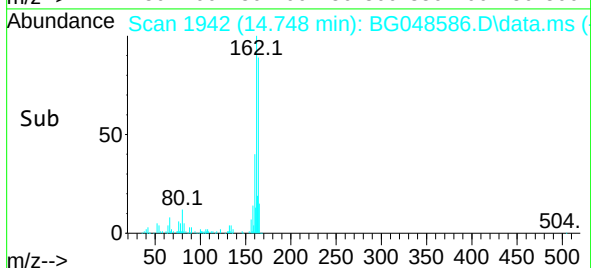
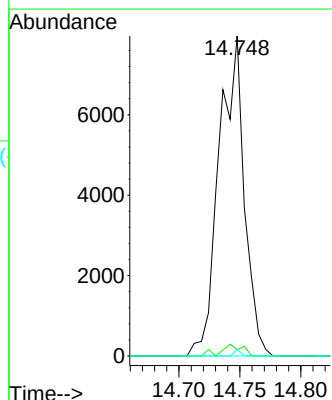
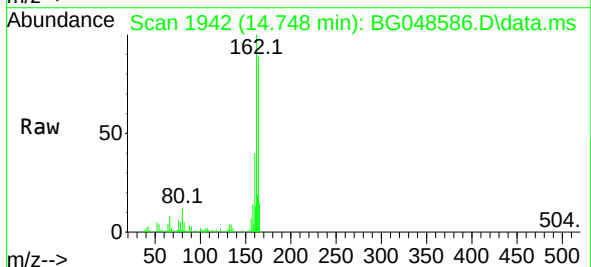
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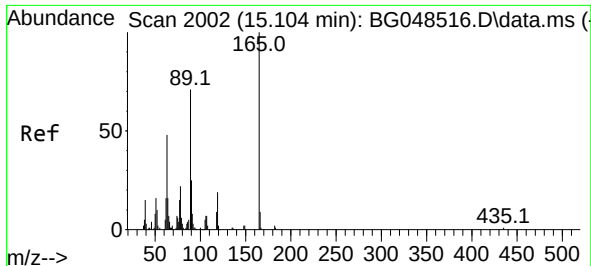
Tgt Ion:172 Resp: 331231
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.2 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 14.748 min Scan# 1942
Delta R.T. 0.432 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

Tgt Ion:165 Resp: 11502
Ion Ratio Lower Upper
165 100
63 2.0 53.8 80.6#
89 2.0 50.8 76.2#

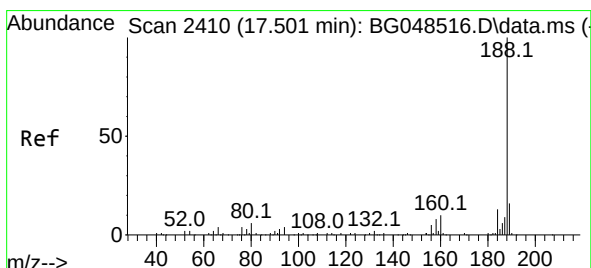
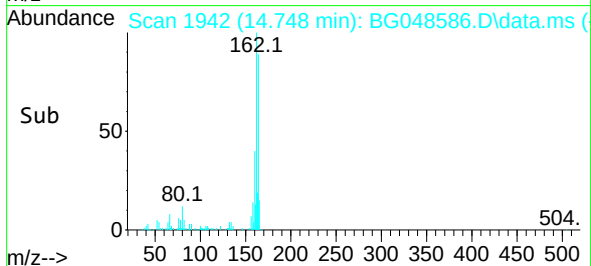
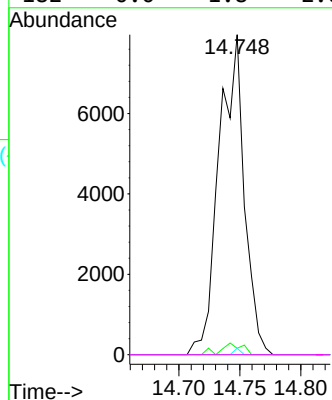
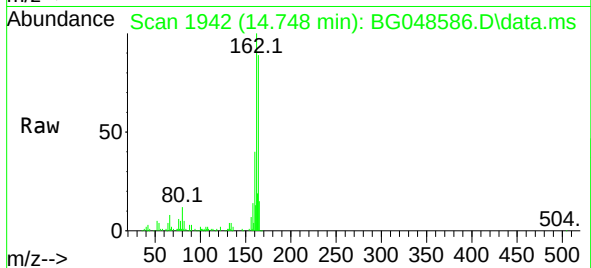




#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.355 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

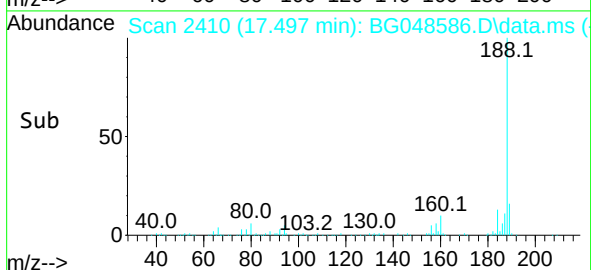
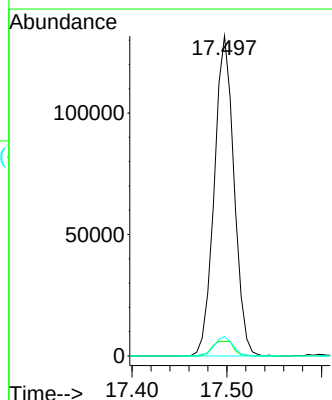
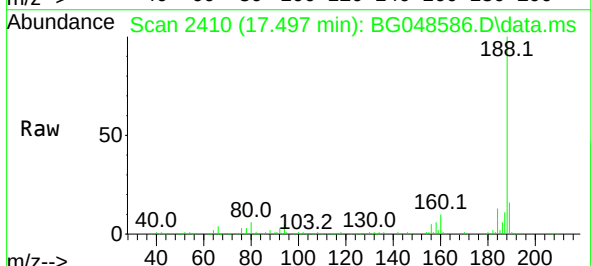
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ClientSampled :
TS-3

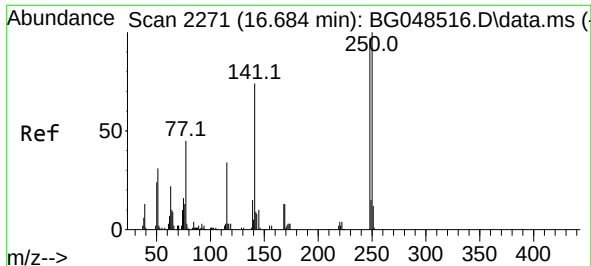
Tgt Ion:165 Resp: 11502
Ion Ratio Lower Upper
165 100
63 2.0 38.3 57.5#
89 2.0 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.497 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

Tgt Ion:188 Resp: 190555
Ion Ratio Lower Upper
188 100
94 4.6 3.0 4.6#
80 6.1 4.5 6.7

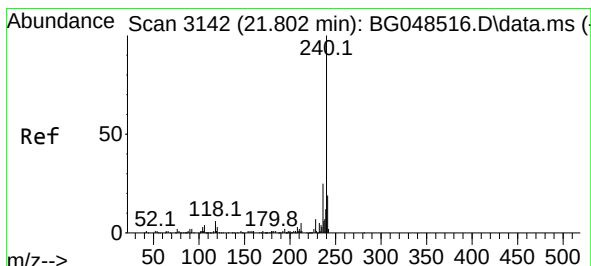
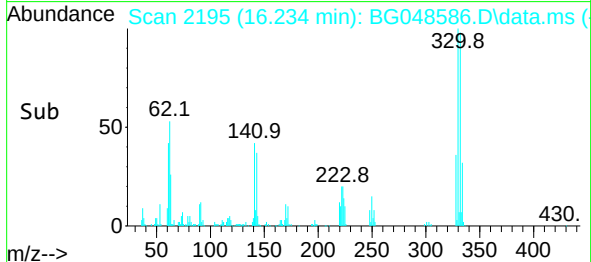
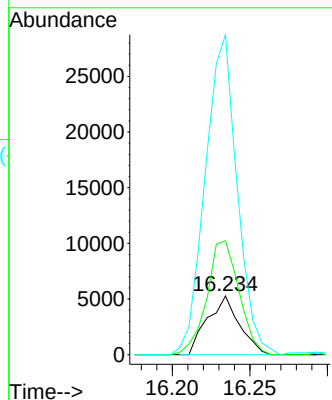
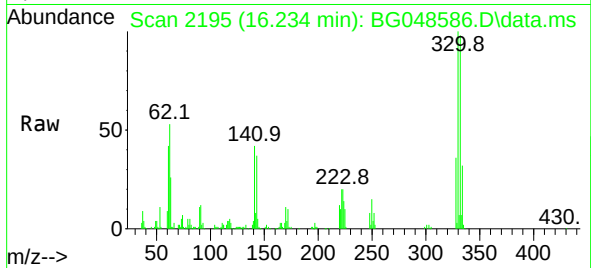




#67
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

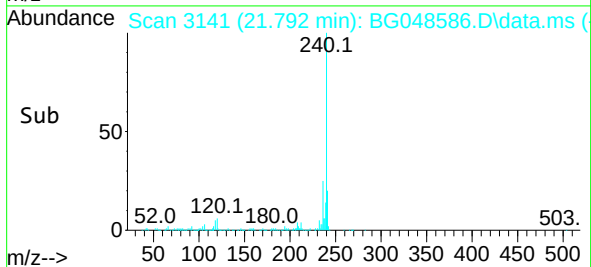
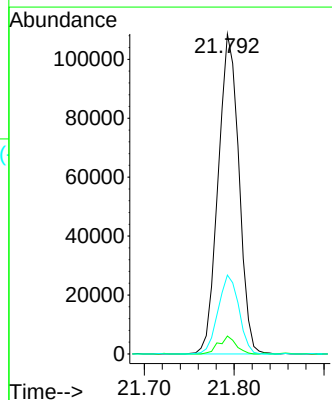
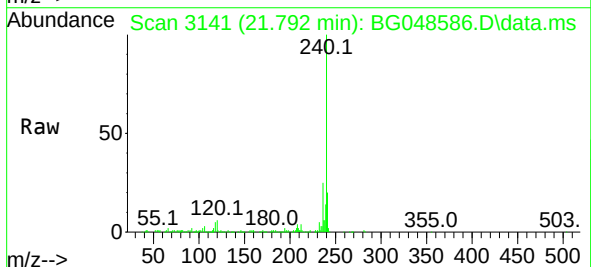
Instrument :
BNA_G
ClientSampleId :
TS-3

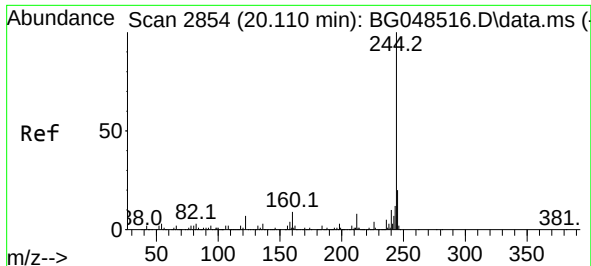
Tgt Ion:248 Resp: 7554
Ion Ratio Lower Upper
248 100
250 193.8 82.6 124.0#
141 544.3 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048586.D
Acq: 5 Apr 2021 16:38

Tgt Ion:240 Resp: 174102
Ion Ratio Lower Upper
240 100
120 5.6 2.6 3.8#
236 24.7 19.8 29.6

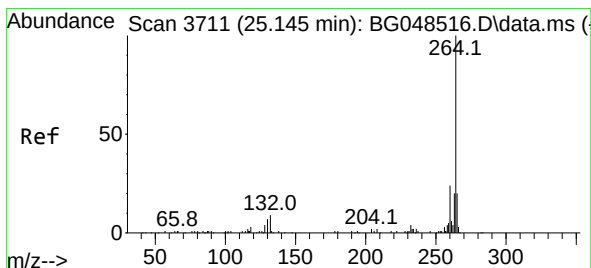
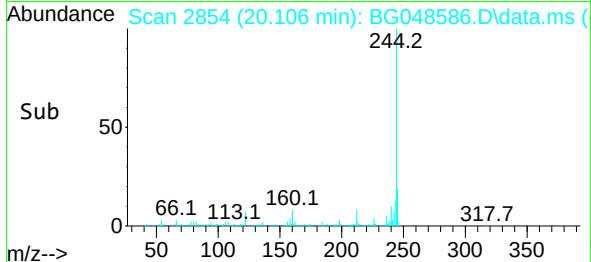
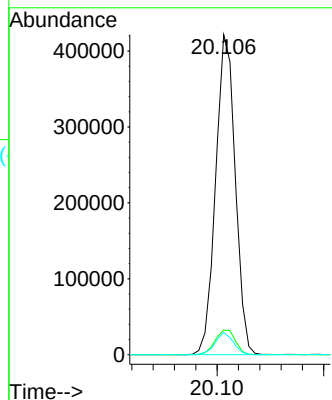
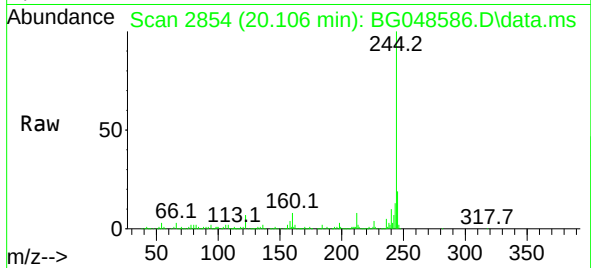




#79
 Terphenyl-d14
 Concen: 56.51 ng
 RT: 20.106 min Scan# 2854
 Delta R.T. -0.009 min
 Lab File: BG048586.D
 Acq: 5 Apr 2021 16:38

Instrument :
 BNA_G
 ClientSampleId :
 TS-3

Tgt Ion:244 Resp: 537967
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 7.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. -0.015 min
 Lab File: BG048586.D
 Acq: 5 Apr 2021 16:38

Tgt Ion:264 Resp: 172957
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 19.0 16.1 24.1

