

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
 Data File : BG048582.D
 Acq On : 5 Apr 2021 13:56
 Operator : CG/JU
 Sample : M1932-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TS-1

Quant Time: Apr 05 14:38:39 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)

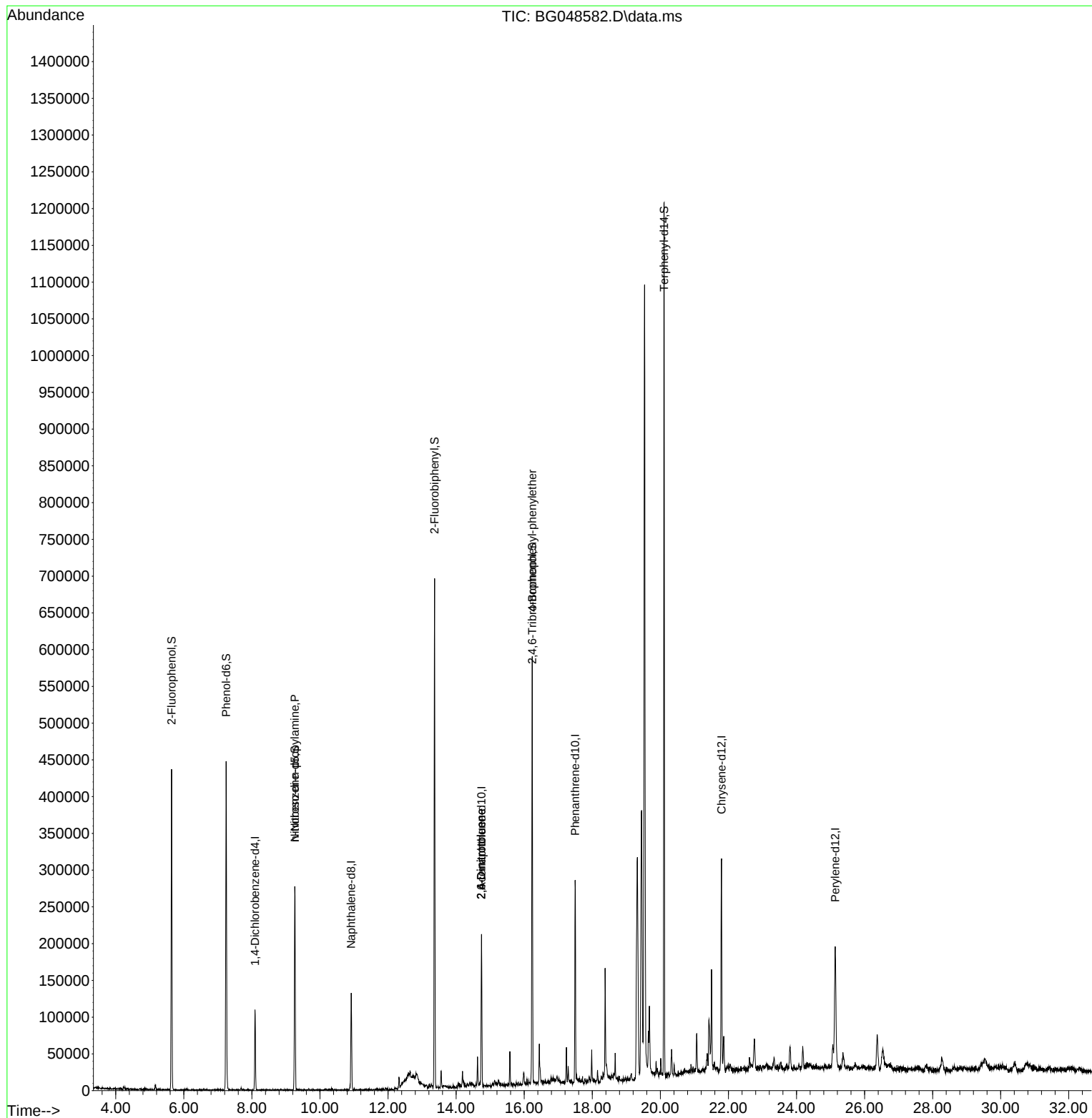
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	28406	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	113184	20.00	ng	0.00
39) Acenaphthene-d10	14.748	164	77286	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	176283	20.00	ng	0.00
76) Chrysene-d12	21.798	240	175983	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	180594	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	176823	109.90	ng	0.00
7) Phenol-d6	7.245	99	232936	99.82	ng	0.00
23) Nitrobenzene-d5	9.260	82	162832	69.65	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	99592	98.03	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	345253	66.40	ng	0.00
79) Terphenyl-d14	20.112	244	551368	57.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	25312	15.74	ng	# 72
51) 2,6-Dinitrotoluene	14.742	165	9022	6.87	ng	# 20
57) 2,4-Dinitrotoluene	14.742	165	9022	4.86	ng	# 24
67) 4-Bromophenyl-phenylether	16.234	248	7577	3.88	ng	# 1

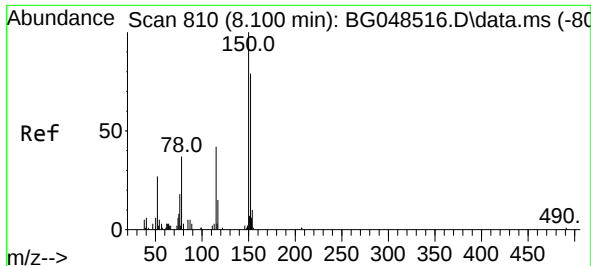
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Apr 05 14:38:39 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

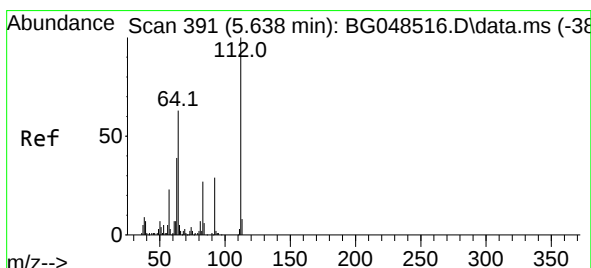
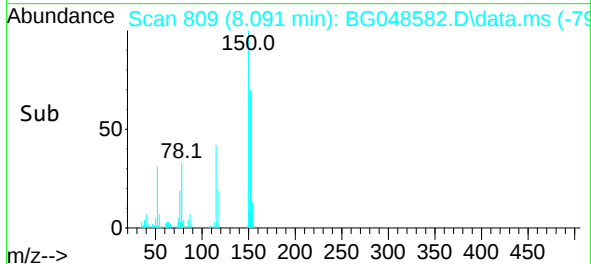
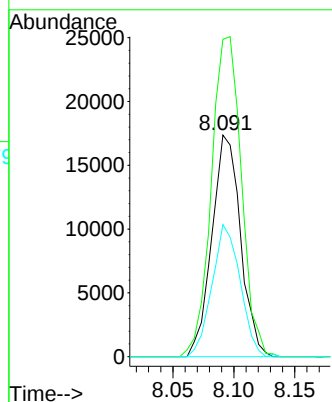
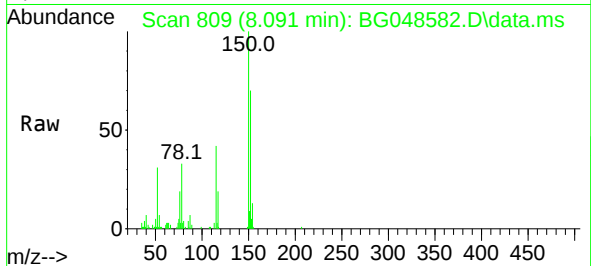




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.091 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

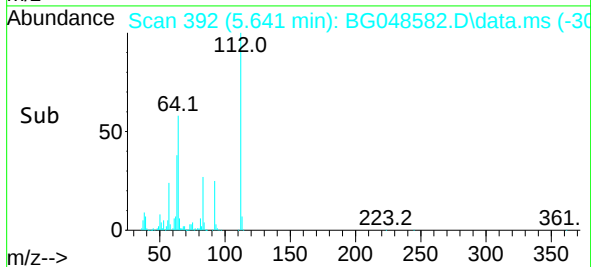
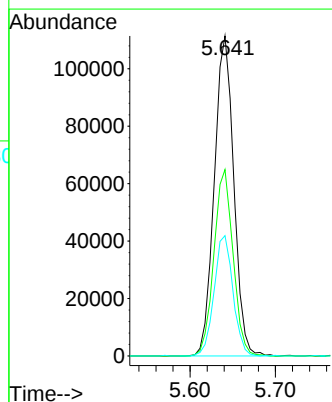
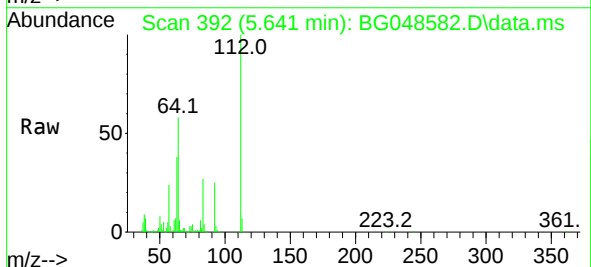
Instrument :
BNA_G
ClientSampled :
TS-1

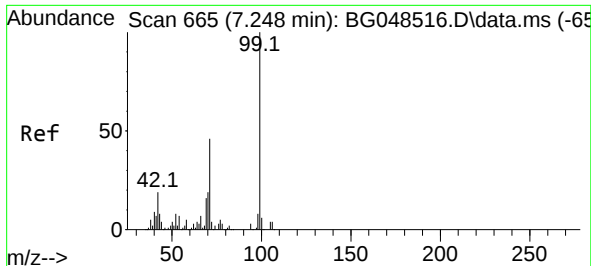
Tgt Ion:152 Resp: 28406
Ion Ratio Lower Upper
152 100
150 143.3 101.3 151.9
115 59.6 42.3 63.5



#5
2-Fluorophenol
Concen: 109.90 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

Tgt Ion:112 Resp: 176823
Ion Ratio Lower Upper
112 100
64 58.3 50.4 75.6
63 37.6 31.4 47.2

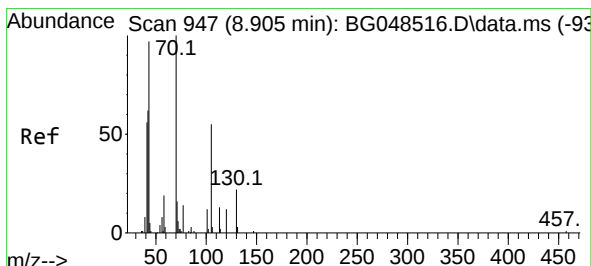
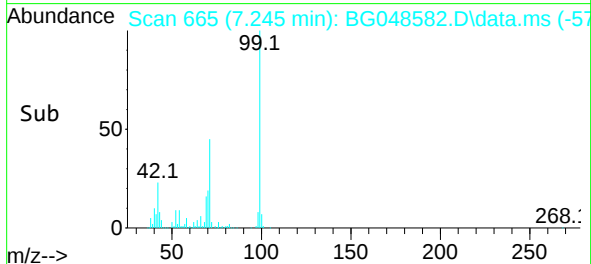
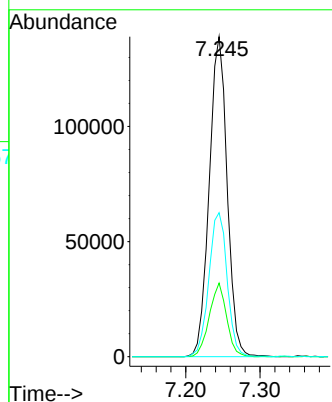
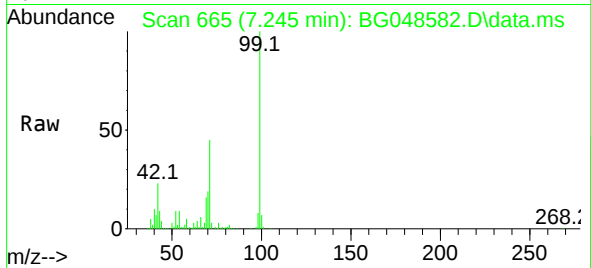




#7
Phenol-d6
Concen: 99.82 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

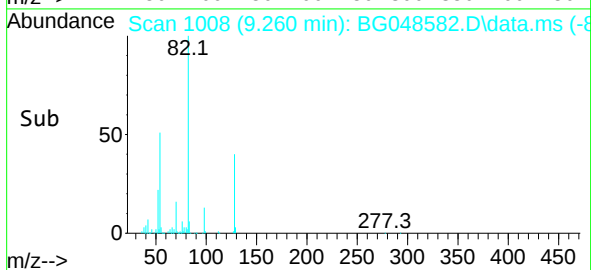
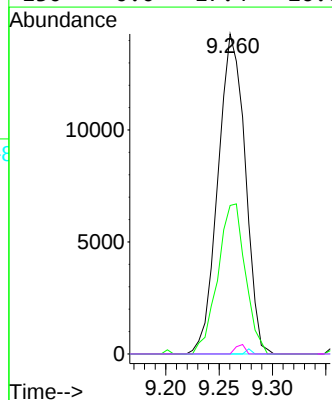
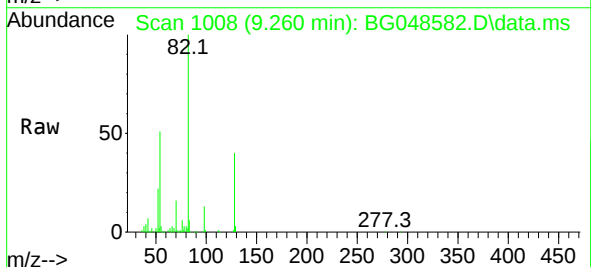
Instrument :
BNA_G
ClientSampleId :
TS-1

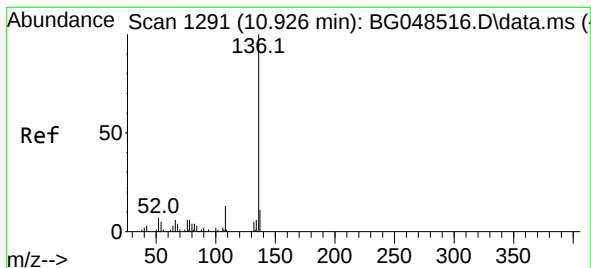
Tgt Ion: 99 Resp: 232936
Ion Ratio Lower Upper
99 100
42 23.0 15.5 23.3
71 45.0 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.74 ng
RT: 9.260 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

Tgt Ion: 70 Resp: 25312
Ion Ratio Lower Upper
70 100
42 46.4 50.8 76.2#
101 0.0 9.7 14.5#
130 0.0 17.4 26.0#

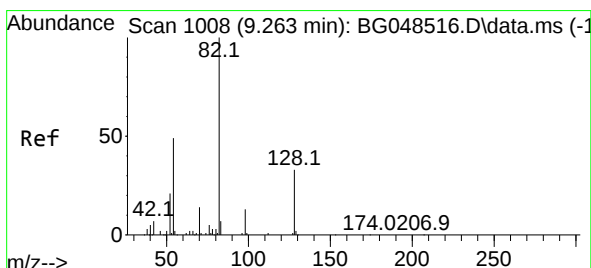
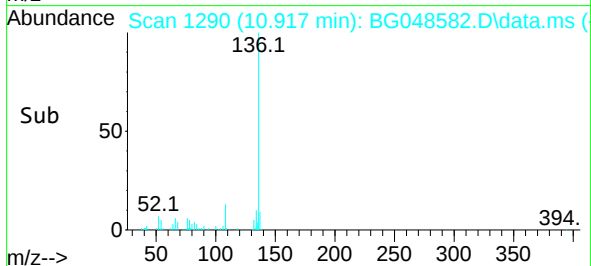
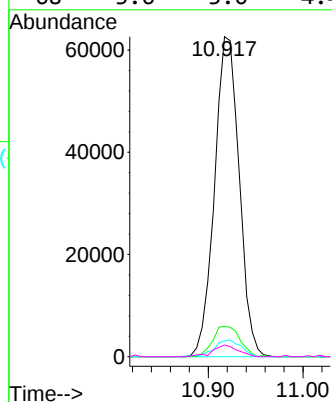
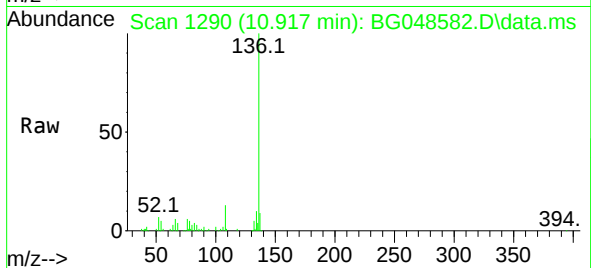




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.917 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

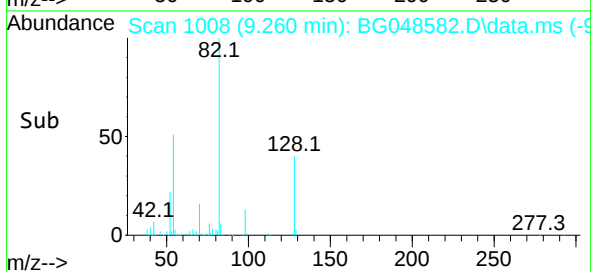
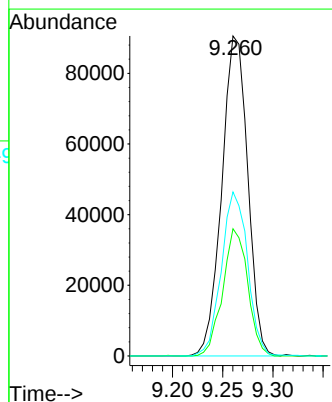
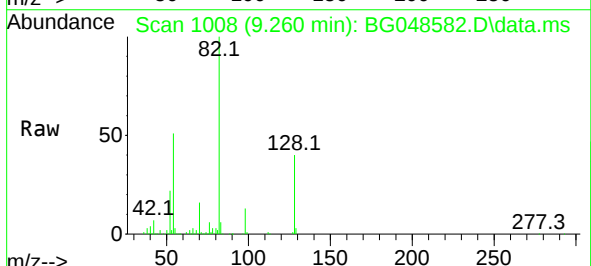
Instrument :
BNA_G
ClientSampleId :
TS-1

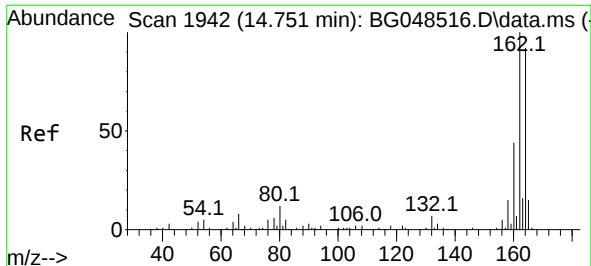
Tgt Ion:	136	Resp:	113184
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.6	12.8
54	5.0	4.2	6.4
68	3.6	3.0	4.4



#23
Nitrobenzene-d5
Concen: 69.65 ng
RT: 9.260 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

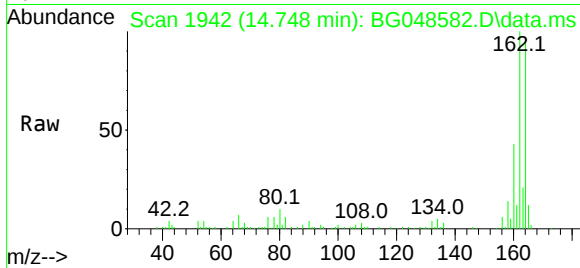
Tgt Ion:	82	Resp:	162832
Ion	Ratio	Lower	Upper
82	100		
128	39.8	26.2	39.4
54	51.2	38.9	58.3



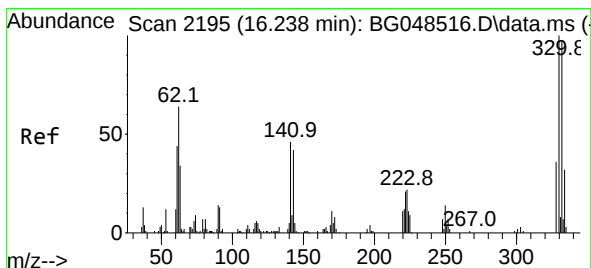
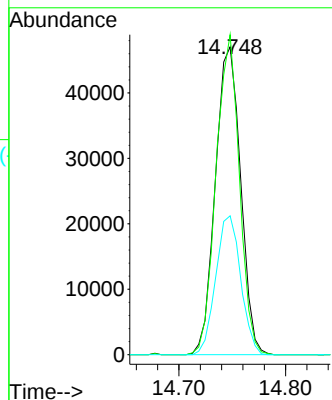
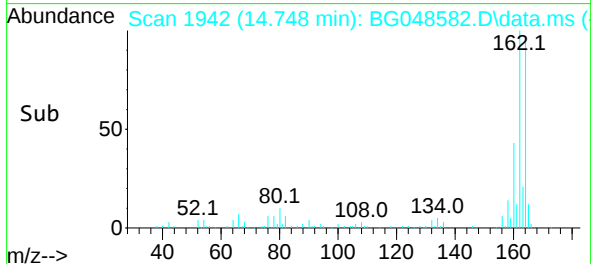


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

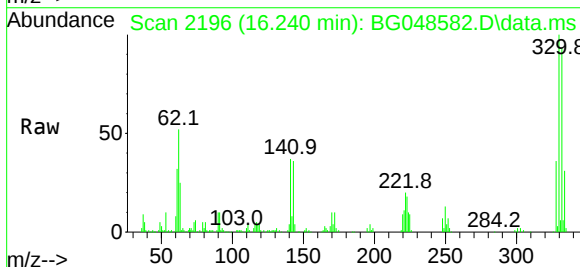
Instrument :
BNA_G
ClientSampled :
TS-1



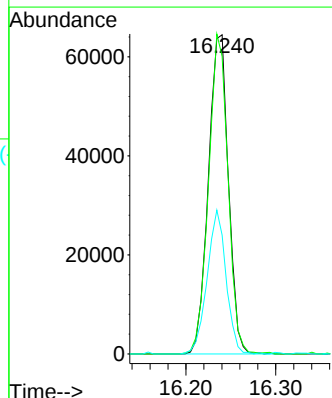
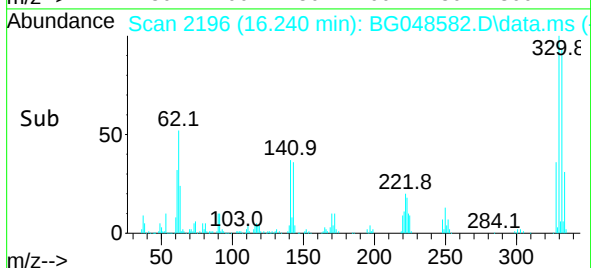
Tgt Ion:164 Resp: 77286
Ion Ratio Lower Upper
164 100
162 104.0 87.0 130.6
160 45.1 38.4 57.6

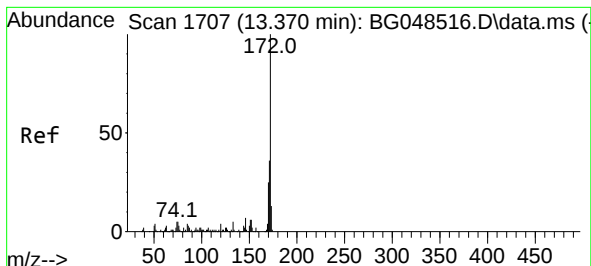


#42
2,4,6-Tribromophenol
Concen: 98.03 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.003 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56



Tgt Ion:330 Resp: 99592
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 42.7 34.6 52.0

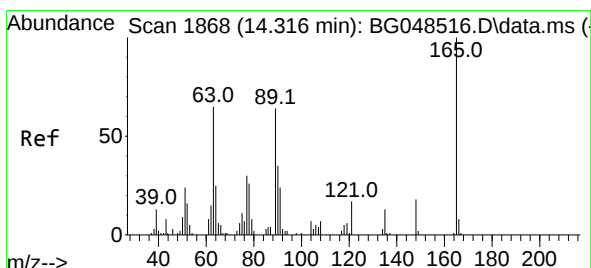
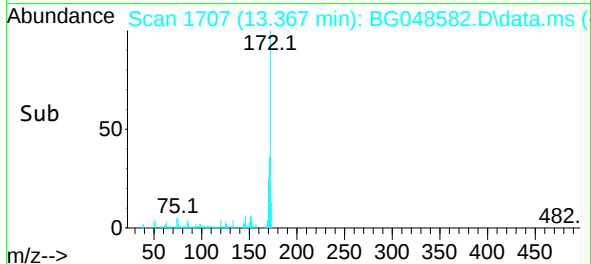
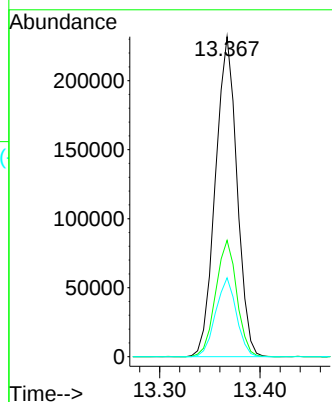
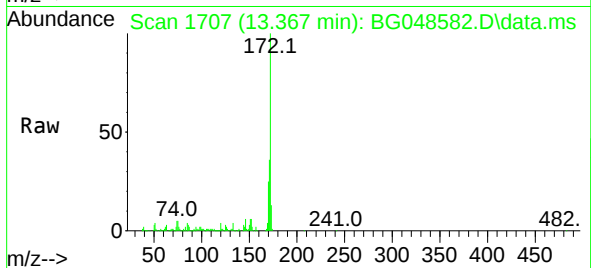




#45
2-Fluorobiphenyl
Concen: 66.40 ng
RT: 13.367 min Scan# 1707
Delta R.T. -0.003 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

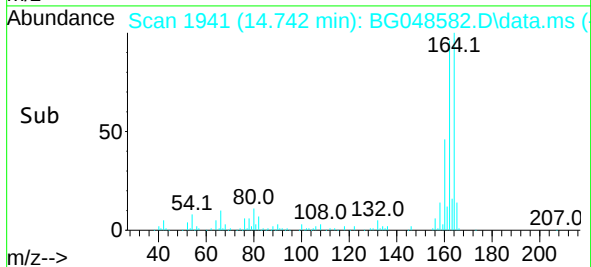
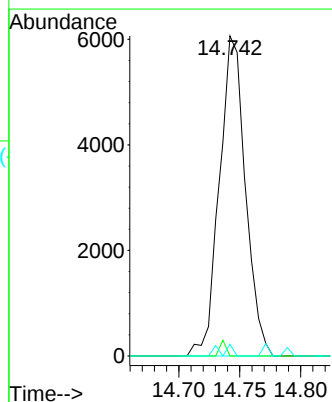
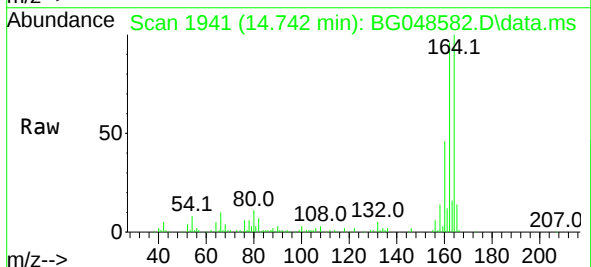
Instrument :
BNA_G
ClientSampleId :
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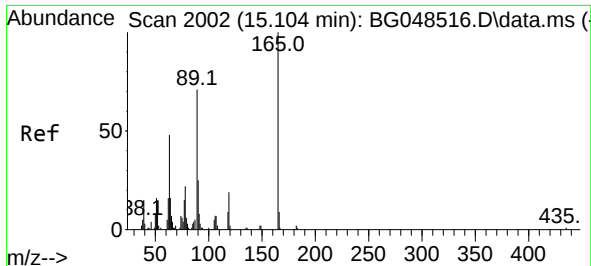
Tgt Ion:172 Resp: 345253
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 6.87 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

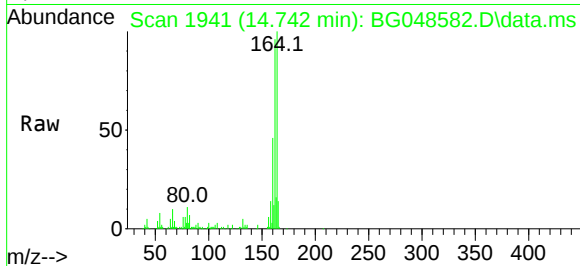
Tgt Ion:165 Resp: 9022
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 3.6 50.8 76.2#



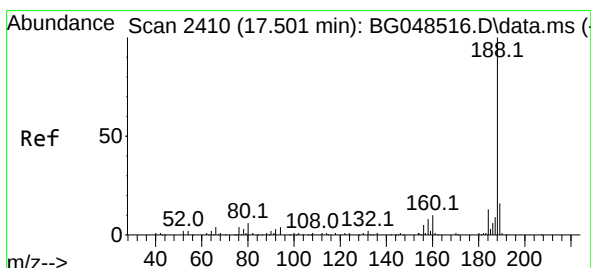
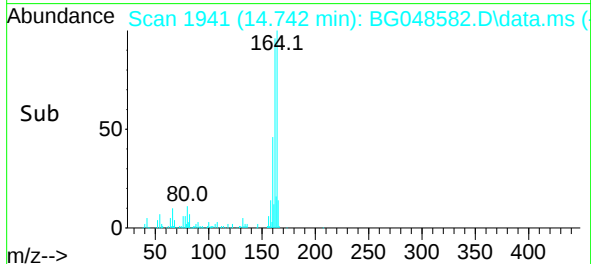
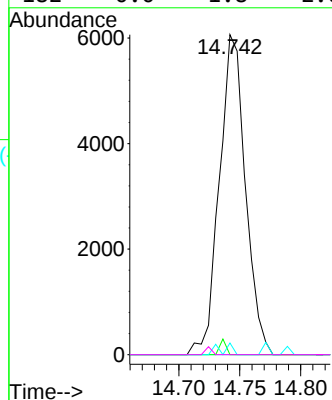


#57
2,4-Dinitrotoluene
Concen: 4.86 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

Instrument :
BNA_G
ClientSampled :
TS-1

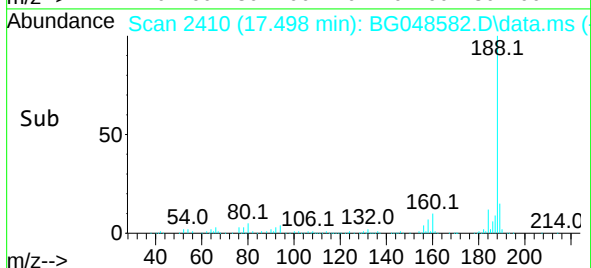
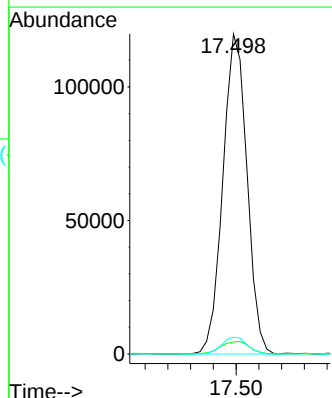
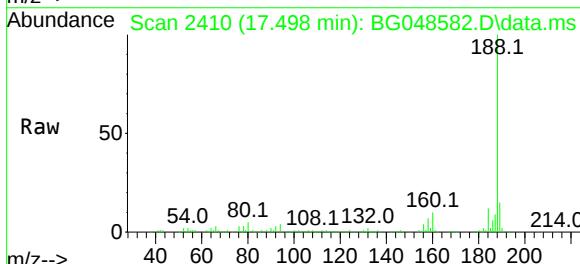


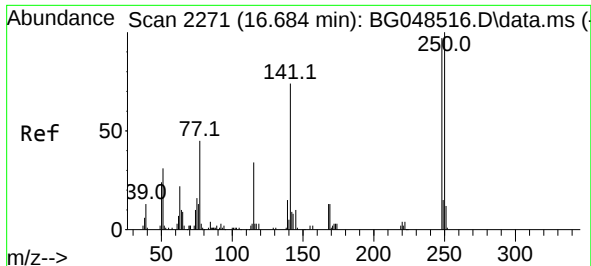
Tgt Ion:165 Resp: 9022
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 3.6 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.498 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

Tgt Ion:188 Resp: 176283
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.6
80 5.3 4.5 6.7

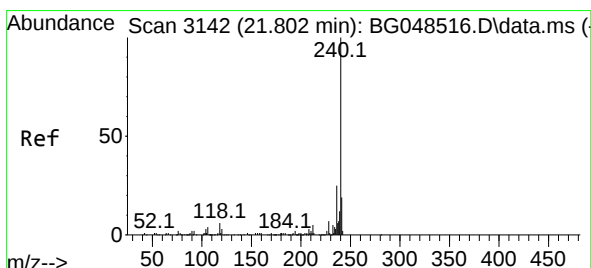
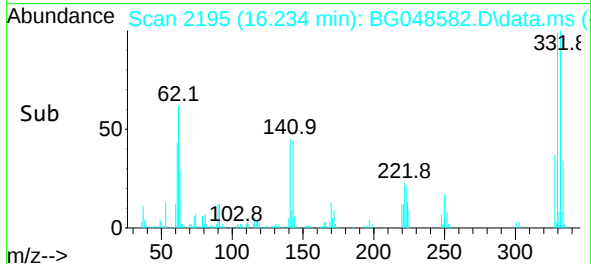
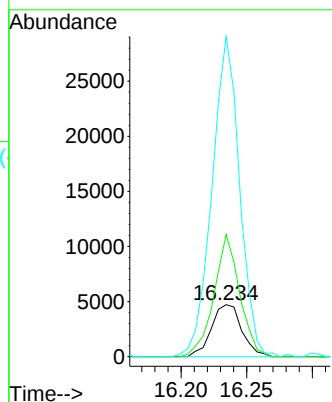
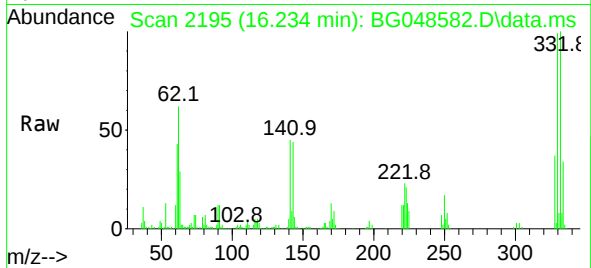




#67
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.455 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

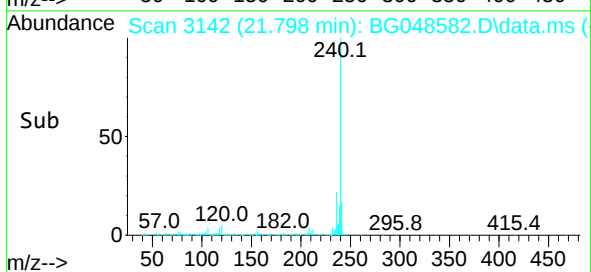
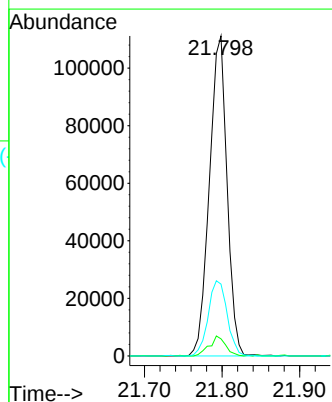
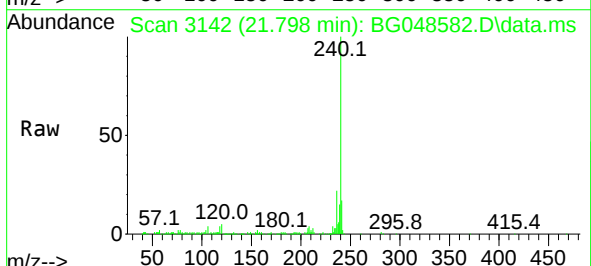
Instrument :
BNA_G
ClientSampled :
TS-1

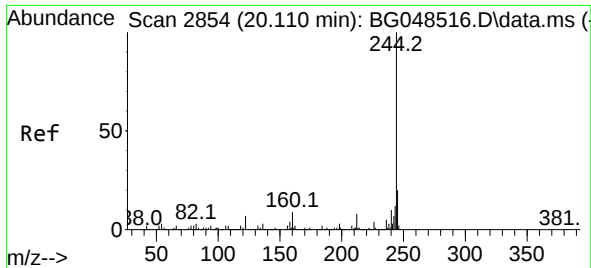
Tgt Ion:248 Resp: 7577
Ion Ratio Lower Upper
248 100
250 235.2 82.6 124.0#
141 616.0 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.798 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048582.D
Acq: 5 Apr 2021 13:56

Tgt Ion:240 Resp: 175983
Ion Ratio Lower Upper
240 100
120 5.3 2.6 3.8#
236 22.5 19.8 29.6

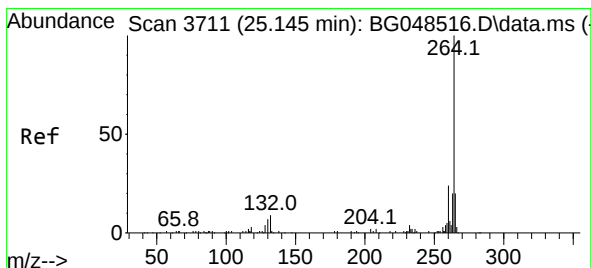
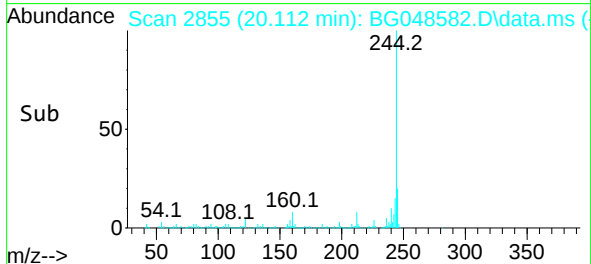
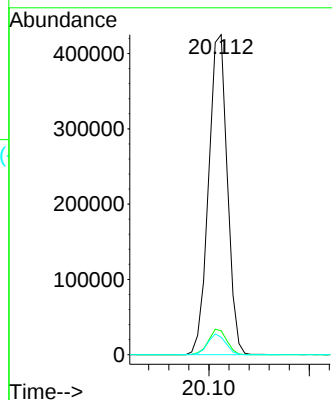
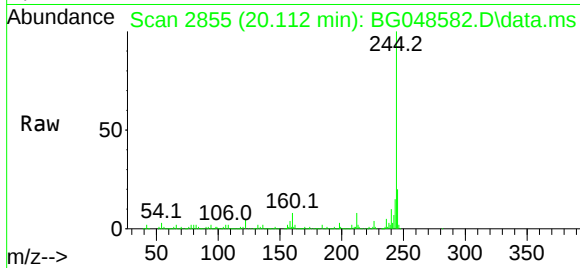




#79
 Terphenyl-d14
 Concen: 57.30 ng
 RT: 20.112 min Scan# 2855
 Delta R.T. -0.003 min
 Lab File: BG048582.D
 Acq: 5 Apr 2021 13:56

Instrument :
 BNA_G
 ClientSampleId :
 TS-1

Tgt Ion:244 Resp: 551368
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 5.5 5.8 8.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.136 min Scan# 3710
 Delta R.T. -0.014 min
 Lab File: BG048582.D
 Acq: 5 Apr 2021 13:56

Tgt Ion:264 Resp: 180594
 Ion Ratio Lower Upper
 264 100
 260 21.2 19.1 28.7
 265 21.9 16.1 24.1

