

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051080.D
 Acq On : 17 Nov 2021 00:01
 Operator : CG/JU
 Sample : M4683-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111221

Quant Time: Nov 17 00:43:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

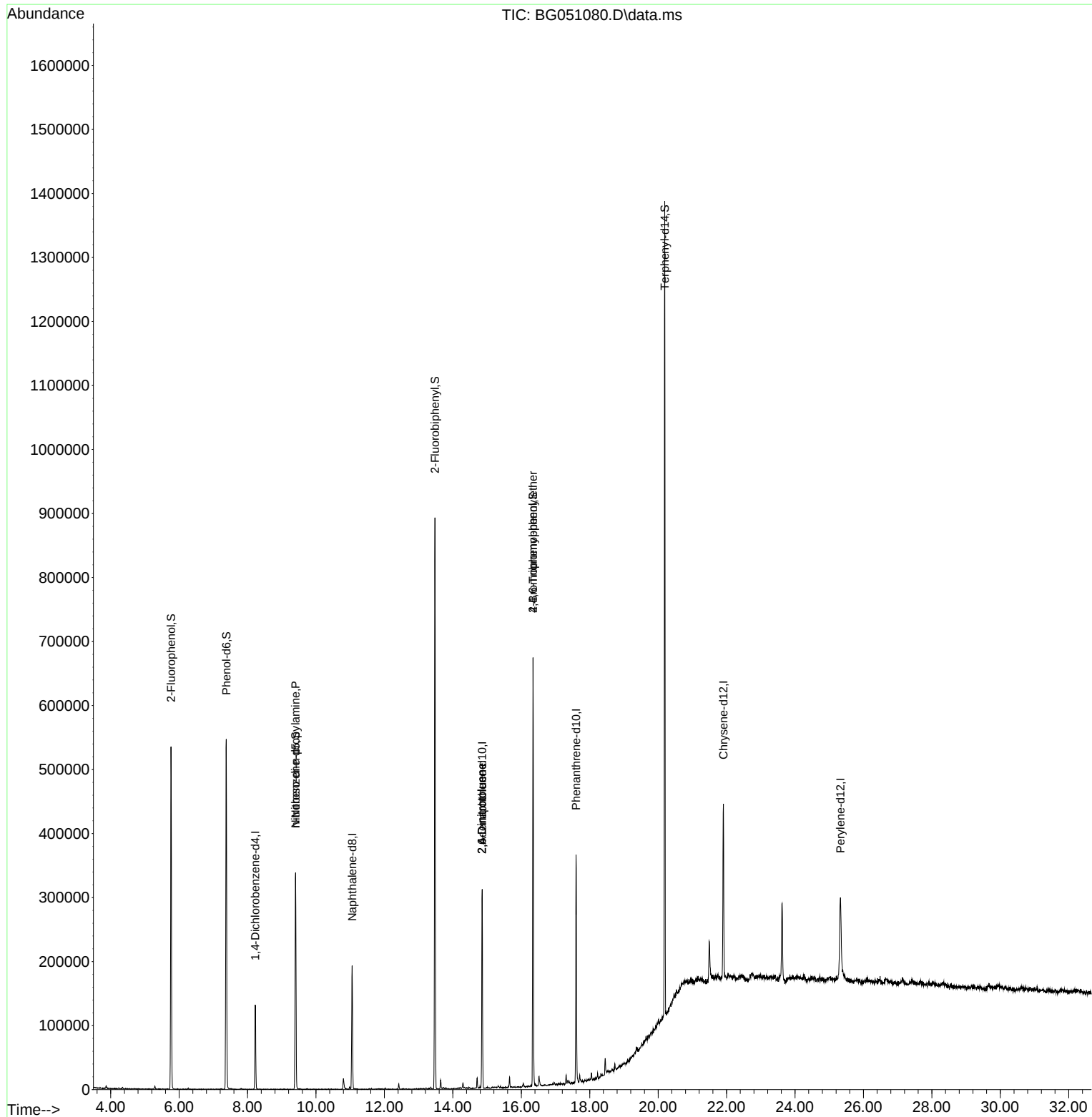
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	37747	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	162402	20.000	ng	# 0.00
39) Acenaphthene-d10	14.857	164	108763	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	216495	20.000	ng	# 0.00
76) Chrysene-d12	21.908	240	175606	20.000	ng	# 0.00
86) Perylene-d12	25.327	264	172737	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	236698	93.803	ng	0.00
7) Phenol-d6	7.378	99	325385	91.359	ng	0.00
23) Nitrobenzene-d5	9.405	82	227991	62.144	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	110236	101.281	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	460063	66.835	ng	0.00
79) Terphenyl-d14	20.192	244	592208	61.707	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.405	70	32050	12.177	ng	# 69
51) 2,6-Dinitrotoluene	14.851	165	14076	7.992	ng	# 11
57) 2,4-Dinitrotoluene	14.851	165	14076	5.633	ng	# 16
67) 4-Bromophenyl-phenylether	16.344	248	8572	3.780	ng	# 1

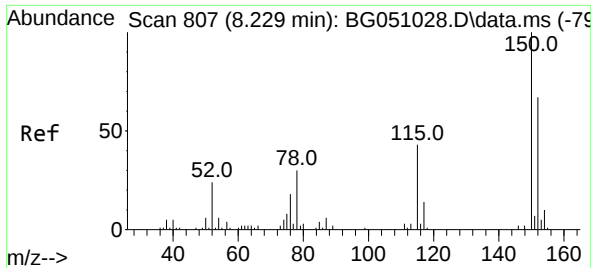
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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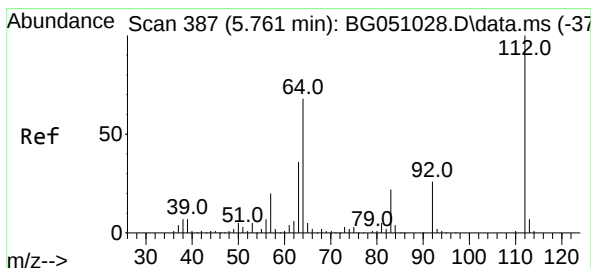
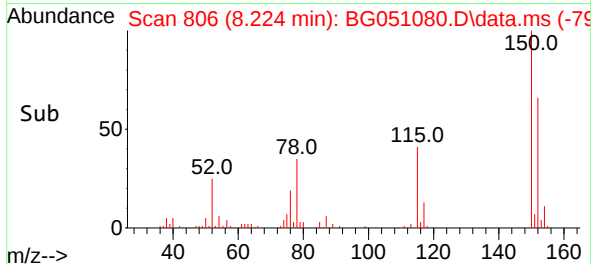
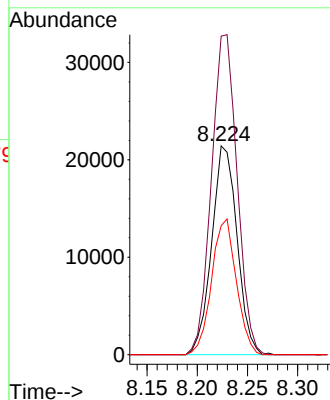
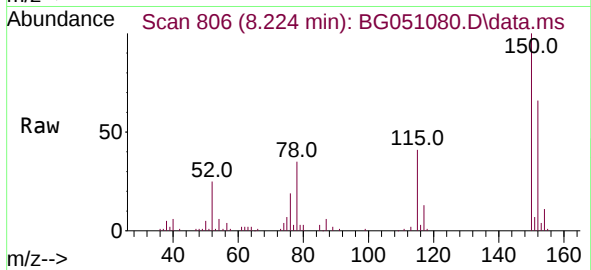




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 807
Delta R.T. -0.005 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

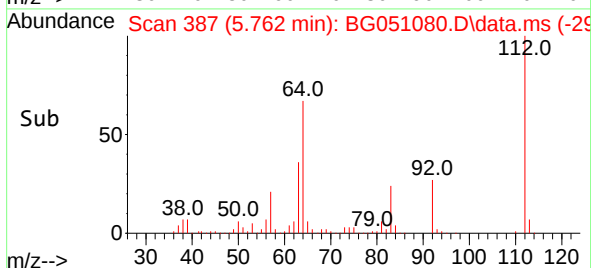
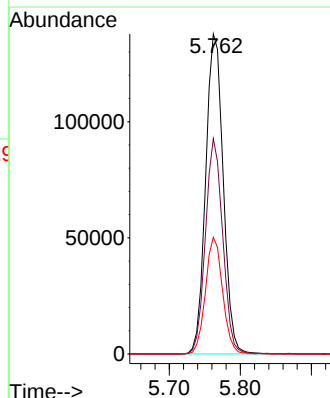
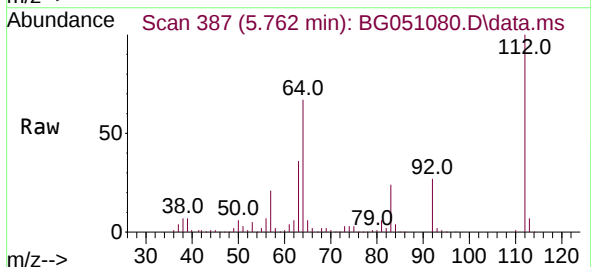
Instrument :
BNA_G
ClientSampleId :
NB-07-111221

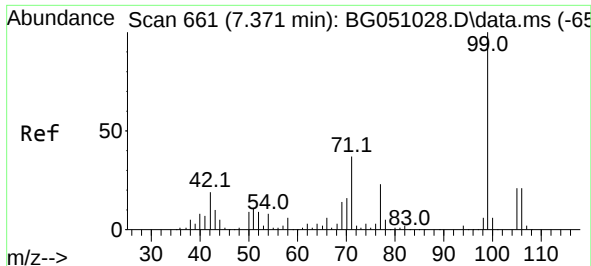
Tgt Ion:152 Resp: 37747
Ion Ratio Lower Upper
152 100
150 152.6 119.4 179.0
115 61.8 60.2 90.4



#5
2-Fluorophenol
Concen: 93.803 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

Tgt Ion:112 Resp: 236698
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 36.4 35.3 52.9

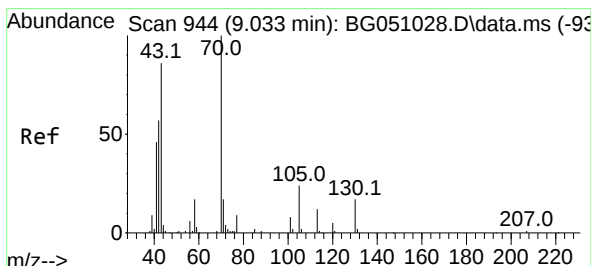
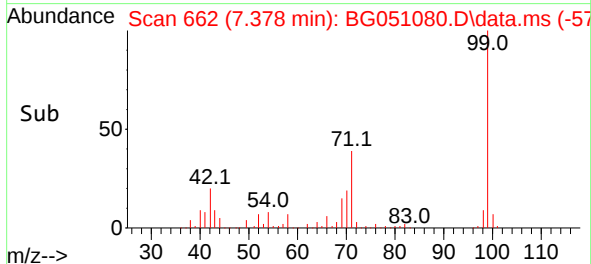
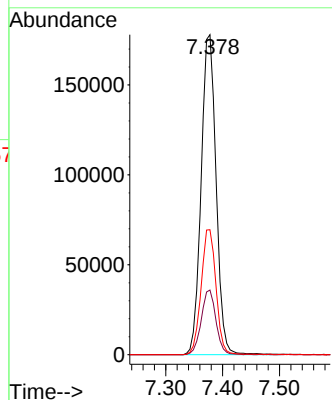
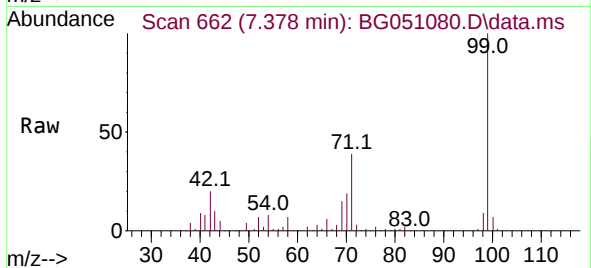




#7
Phenol-d6
Concen: 91.359 ng
RT: 7.378 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

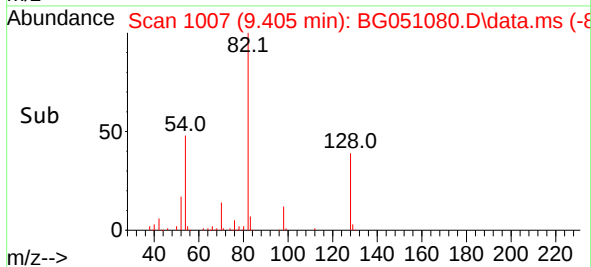
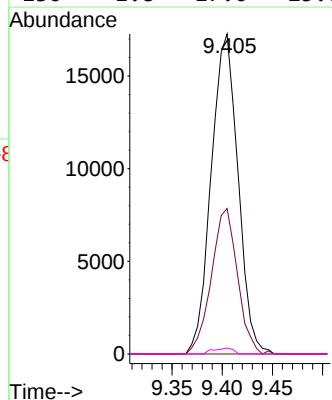
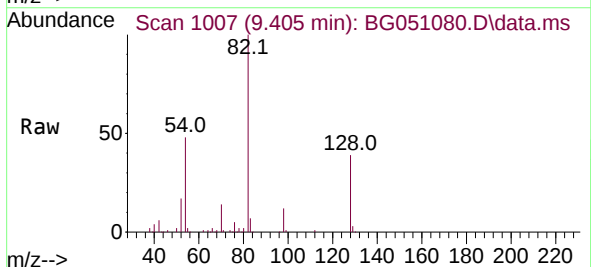
Instrument :
BNA_G
ClientSampleId :
NB-07-111221

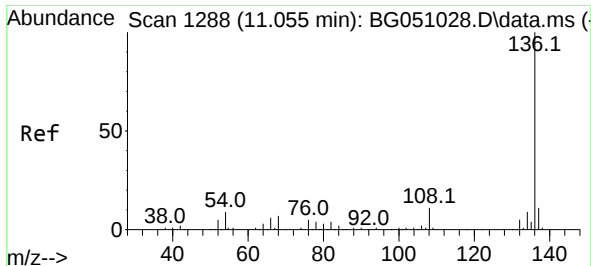
Tgt Ion: 99 Resp: 325385
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 39.1 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.177 ng
RT: 9.405 min Scan# 1007
Delta R.T. 0.371 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

Tgt Ion: 70 Resp: 32050
Ion Ratio Lower Upper
70 100
42 45.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

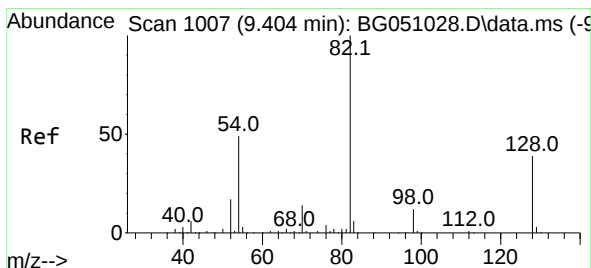
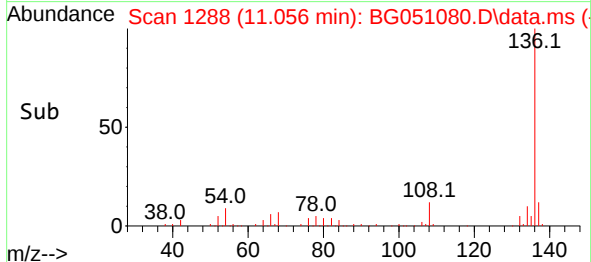
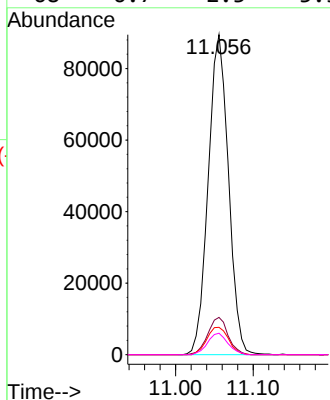
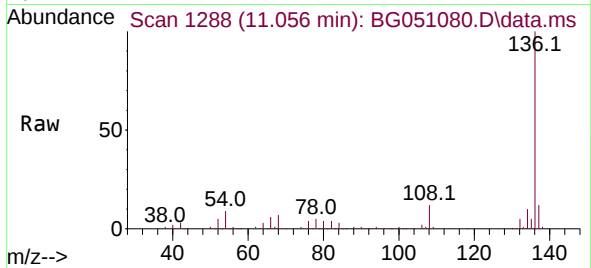




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

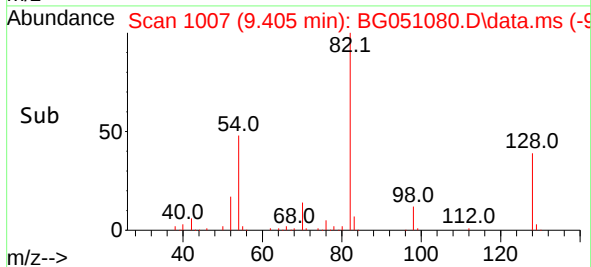
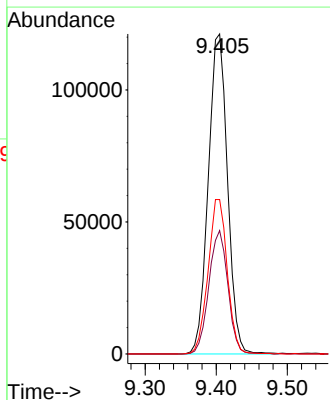
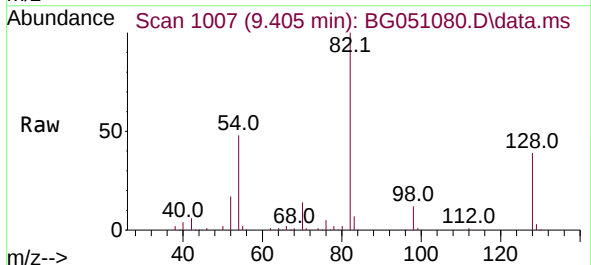
Instrument :
BNA_G
ClientSampleId :
NB-07-111221

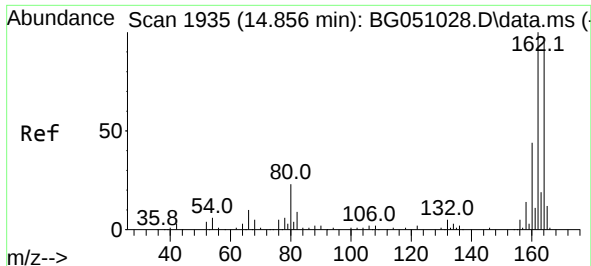
Tgt Ion:	136	Resp:	162402
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.2	12.2
54	8.5	5.5	8.3#
68	6.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 62.144 ng
RT: 9.405 min Scan# 1007
Delta R.T. 0.001 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

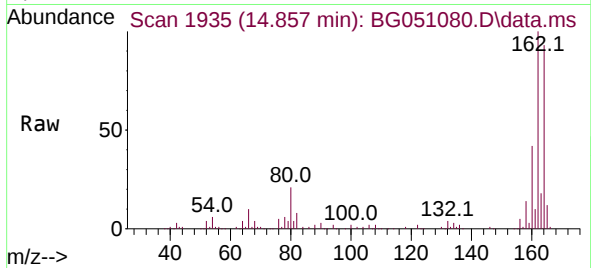
Tgt Ion:	82	Resp:	227991
Ion Ratio	Lower	Upper	
82	100		
128	38.5	29.8	44.6
54	48.3	45.8	68.8



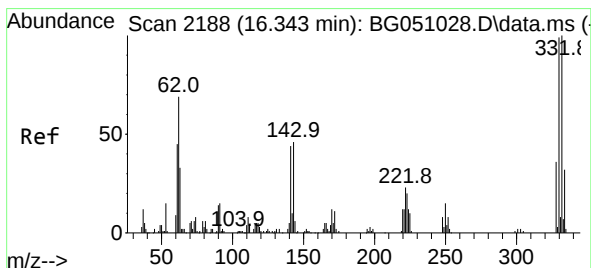
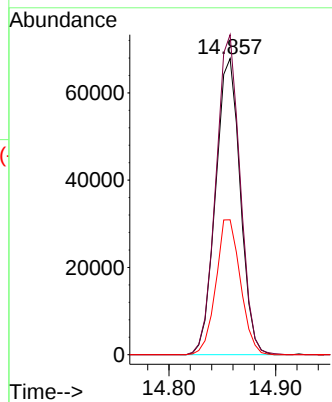
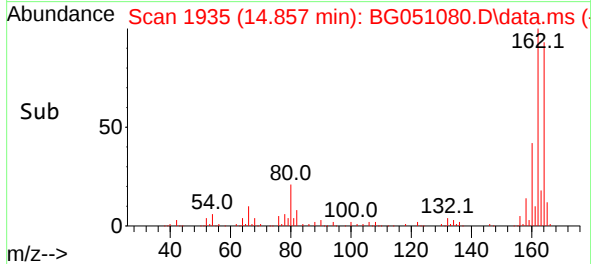


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

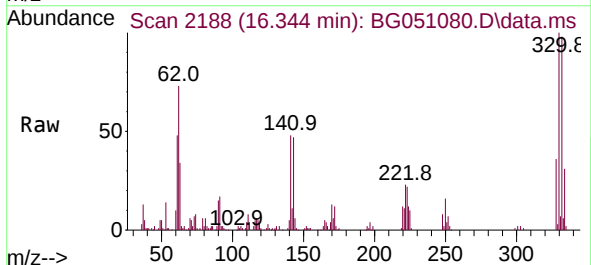
Instrument :
BNA_G
ClientSampleId :
NB-07-111221



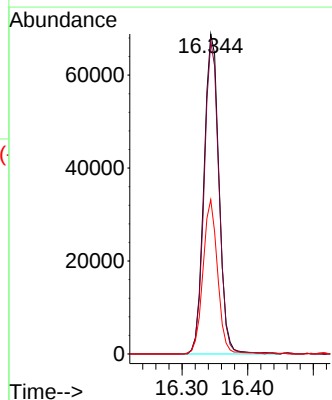
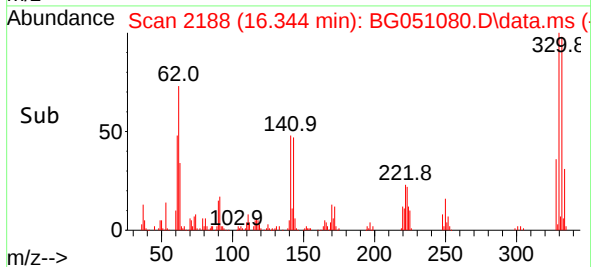
Tgt Ion:164 Resp: 108763
Ion Ratio Lower Upper
164 100
162 108.1 81.4 122.0
160 45.6 34.9 52.3

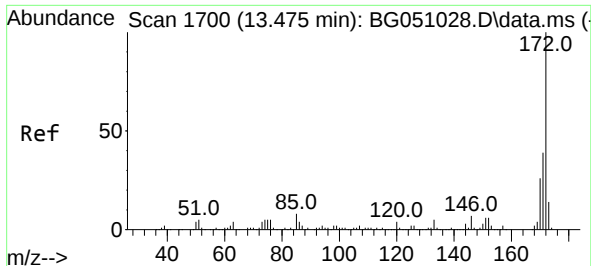


#42
2,4,6-Tribromophenol
Concen: 101.281 ng
RT: 16.344 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01



Tgt Ion:330 Resp: 110236
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 46.6 35.6 53.4

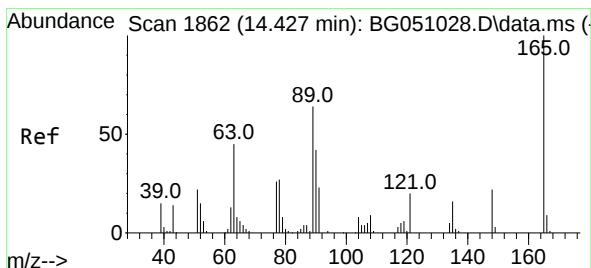
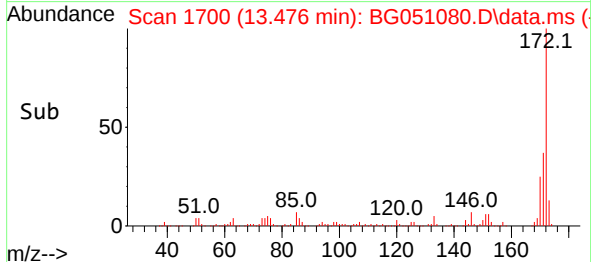
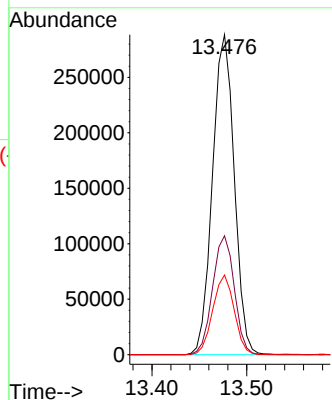
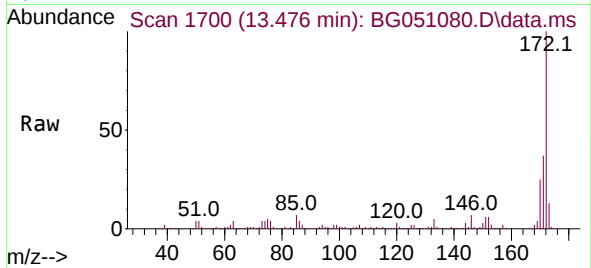




#45
2-Fluorobiphenyl
Concen: 66.835 ng
RT: 13.476 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

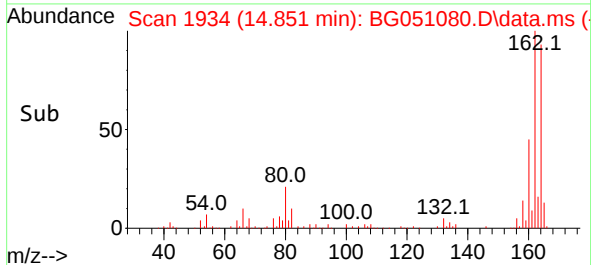
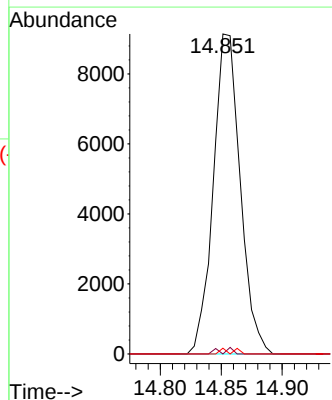
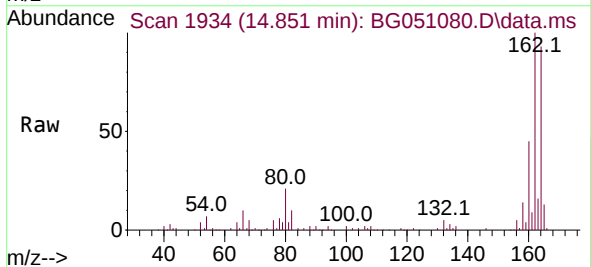
Instrument :
BNA_G
ClientSampleId :
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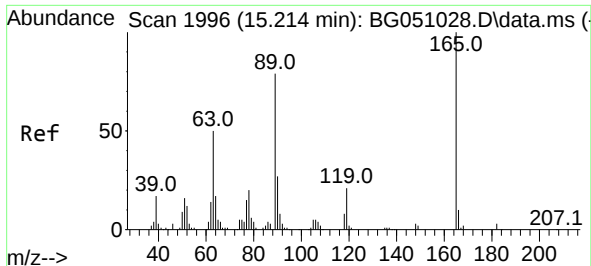
Tgt Ion:172 Resp: 460063
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 14.851 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

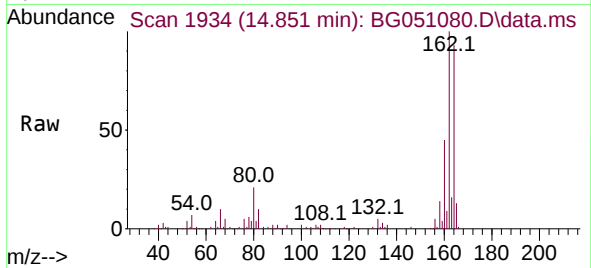
Tgt Ion:165 Resp: 14076
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 1.8 63.4 95.0#



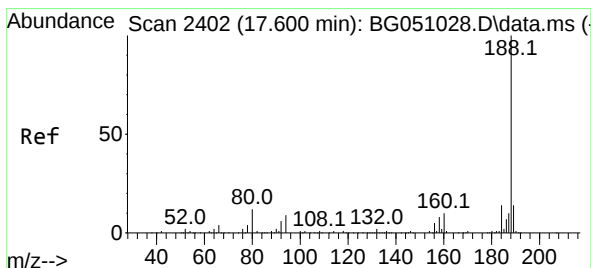
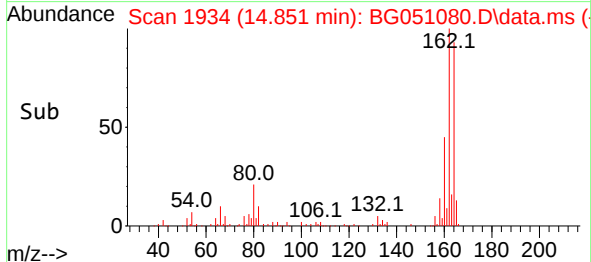
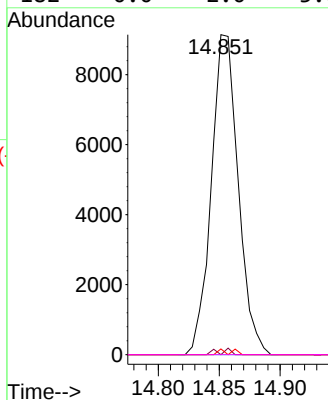


#57
2,4-Dinitrotoluene
Concen: 5.633 ng
RT: 14.851 min Scan# 1934
Delta R.T. -0.363 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

Instrument :
BNA_G
ClientSampleId :
NB-07-111221

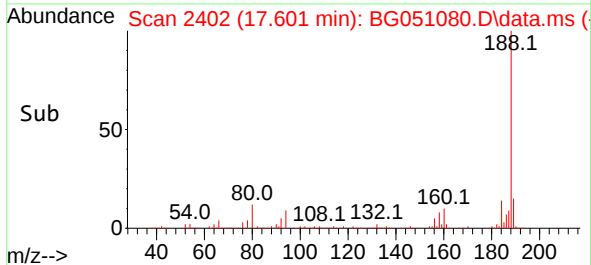
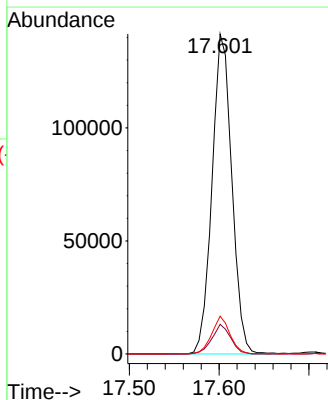
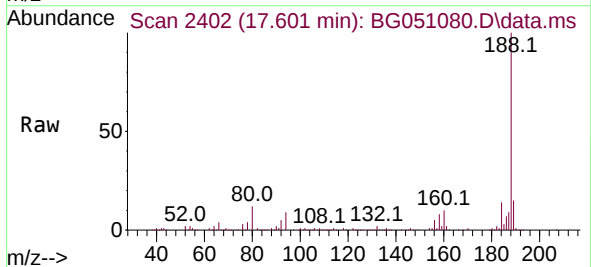


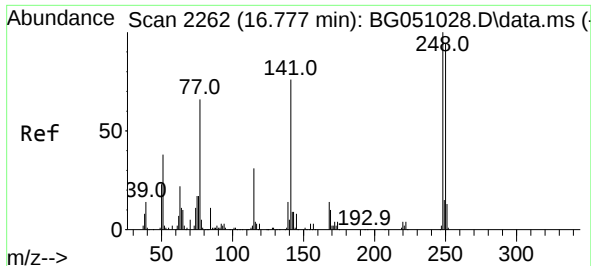
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	1.8	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2402
Delta R.T. 0.001 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.4	8.0#
80	11.8	3.7	5.5#

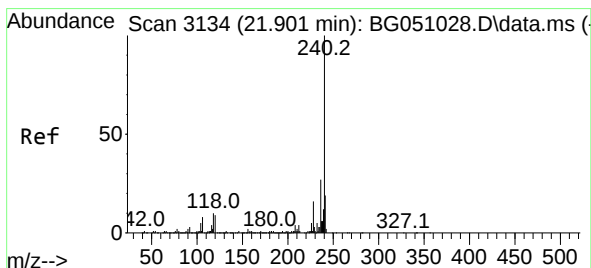
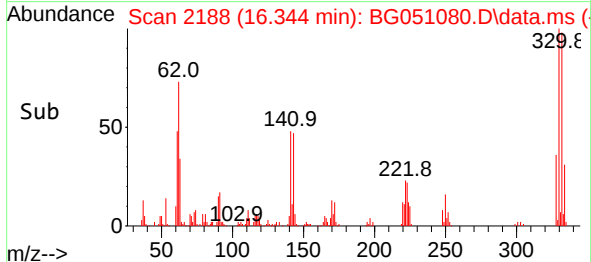
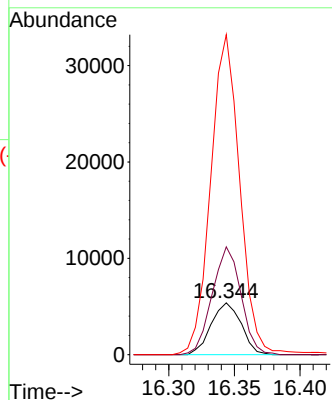
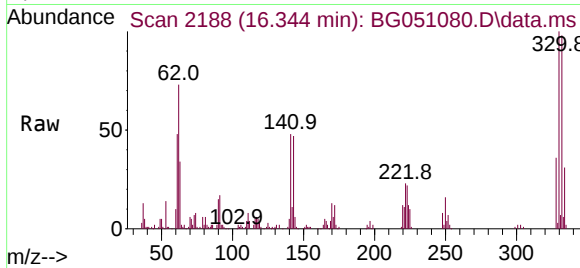




#67
4-Bromophenyl-phenylether
Concen: 3.780 ng
RT: 16.344 min Scan# 2188
Delta R.T. -0.434 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

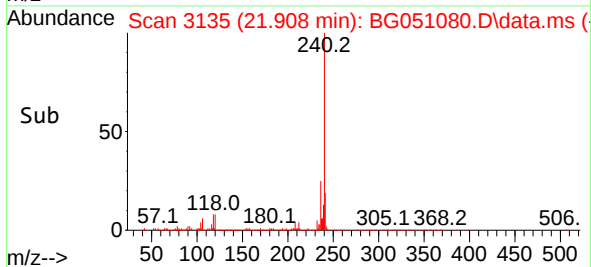
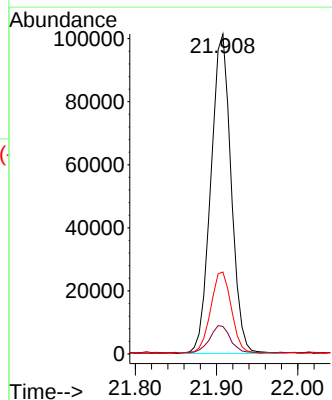
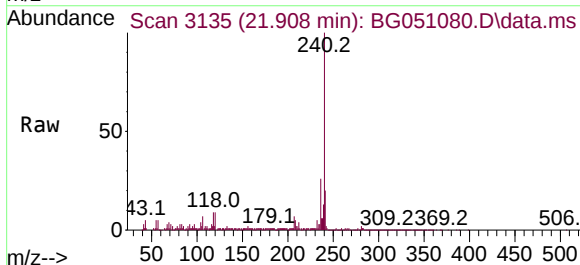
Instrument :
BNA_G
ClientSampleId :
NB-07-111221

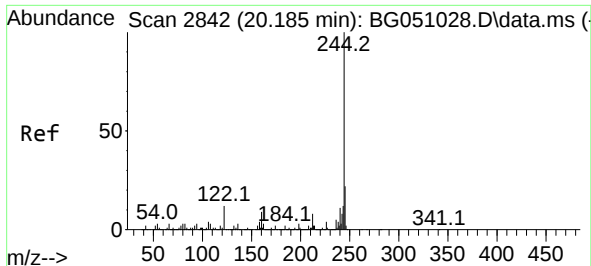
Tgt Ion:248 Resp: 8572
Ion Ratio Lower Upper
248 100
250 207.8 76.1 114.1#
141 616.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3135
Delta R.T. 0.007 min
Lab File: BG051080.D
Acq: 17 Nov 2021 00:01

Tgt Ion:240 Resp: 175606
Ion Ratio Lower Upper
240 100
120 8.6 4.2 6.2#
236 25.6 21.8 32.6

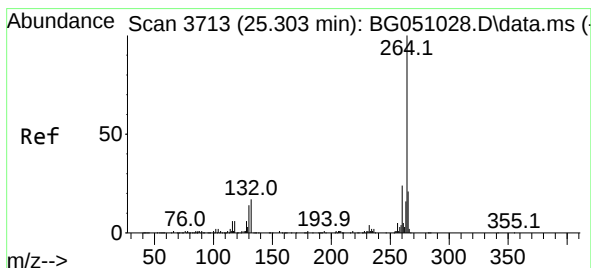
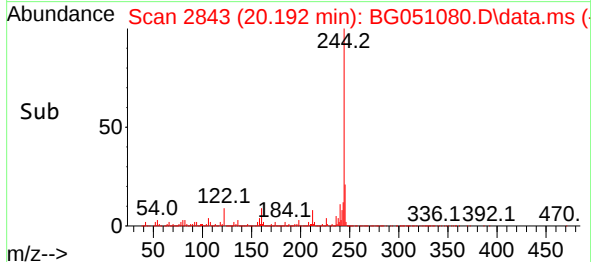
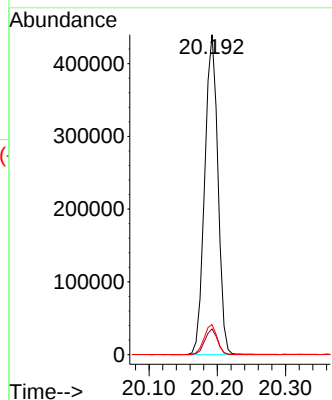
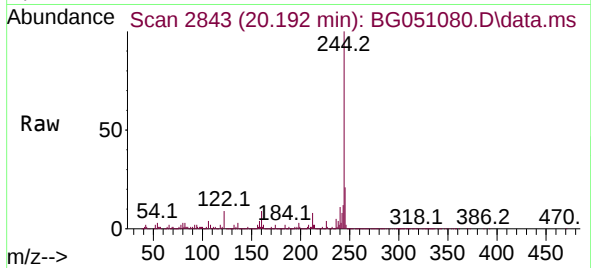




#79
 Terphenyl-d14
 Concen: 61.707 ng
 RT: 20.192 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: BG051080.D
 Acq: 17 Nov 2021 00:01

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111221

Tgt Ion:244 Resp: 592208
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.9 10.3
 122 9.4 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. 0.025 min
 Lab File: BG051080.D
 Acq: 17 Nov 2021 00:01

Tgt Ion:264 Resp: 172737
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.0 16.9 25.3

