

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054286.D
 Acq On : 14 Jul 2022 19:03
 Operator : CG/JU
 Sample : N3711-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1-4-TOTES-COMP

Quant Time: Jul 15 01:58:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

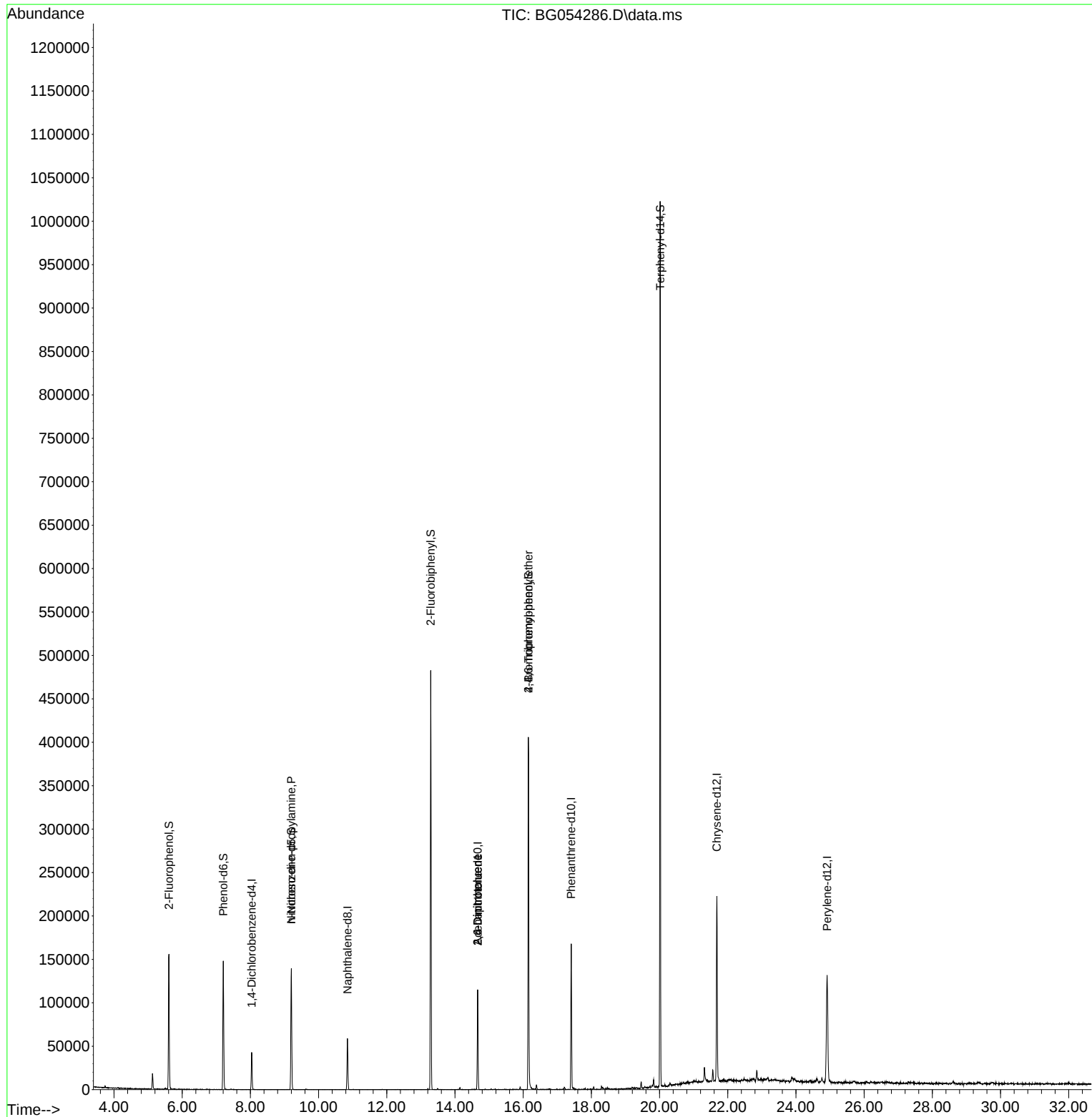
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	14369	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	53860	20.000	ng	# 0.00
39) Acenaphthene-d10	14.665	164	44843	20.000	ng	0.00
64) Phenanthrene-d10	17.409	188	124715	20.000	ng	#-0.01
76) Chrysene-d12	21.680	240	151377	20.000	ng	#-0.01
86) Perylene-d12	24.912	264	160650	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	69787	97.577	ng	0.00
7) Phenol-d6	7.203	99	84325	85.485	ng	0.00
23) Nitrobenzene-d5	9.201	82	84532	85.170	ng	0.00
42) 2,4,6-Tribromophenol	16.152	330	112214	129.182	ng	-0.01
45) 2-Fluorobiphenyl	13.290	172	276257	90.520	ng	0.00
79) Terphenyl-d14	20.018	244	577858	78.499	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.201	70	12484	18.538	ng	# 77
51) 2,6-Dinitrotoluene	14.665	165	6195	8.095	ng	# 16
57) 2,4-Dinitrotoluene	14.665	165	6195	5.591	ng	# 21
67) 4-Bromophenyl-phenylether	16.152	248	6975	4.193	ng	# 1

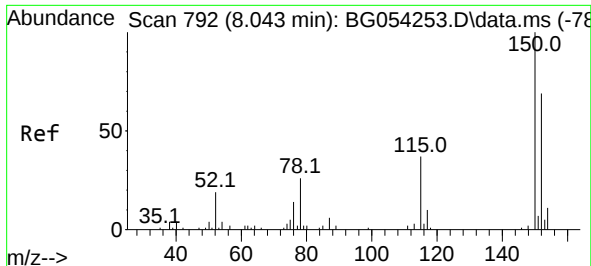
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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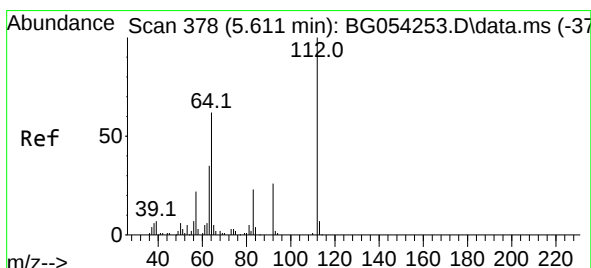
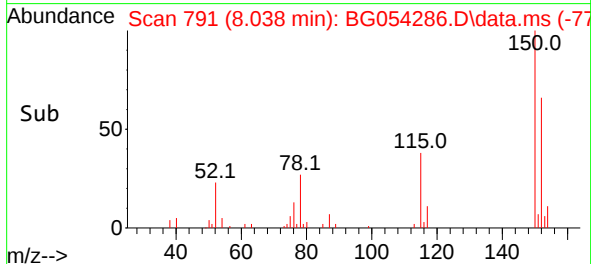
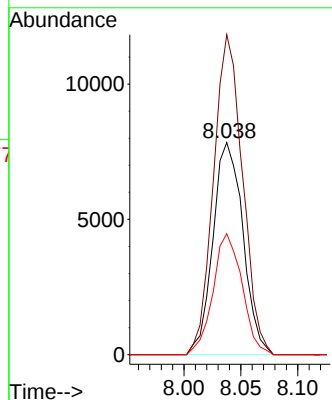
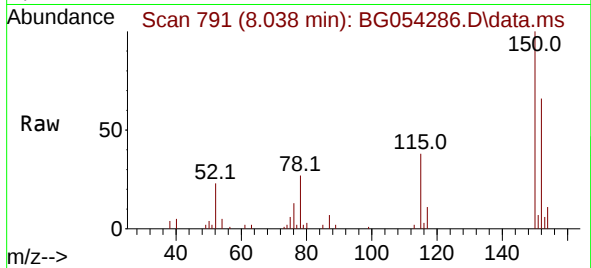




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.038 min Scan# 792
Delta R.T. -0.005 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

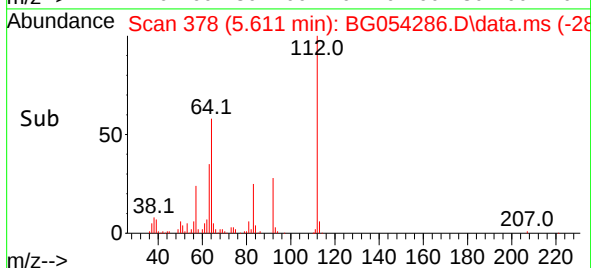
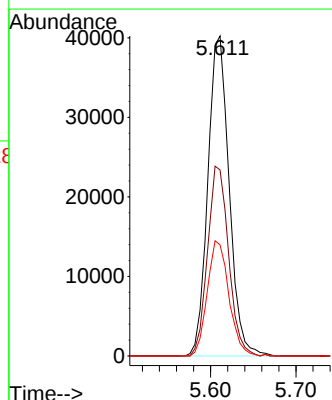
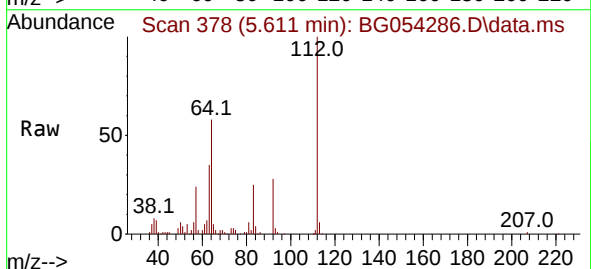
Instrument :
BNA_G
ClientSampleId :
1-4-TOTES-COMP

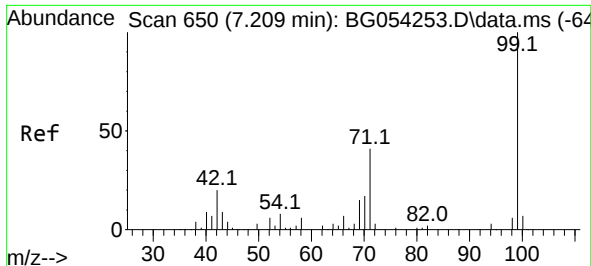
Tgt Ion:152 Resp: 14369
Ion Ratio Lower Upper
152 100
150 150.8 131.6 197.4
115 57.0 50.9 76.3



#5
2-Fluorophenol
Concen: 97.577 ng
RT: 5.611 min Scan# 378
Delta R.T. 0.000 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

Tgt Ion:112 Resp: 69787
Ion Ratio Lower Upper
112 100
64 58.2 55.1 82.7
63 34.7 30.4 45.6

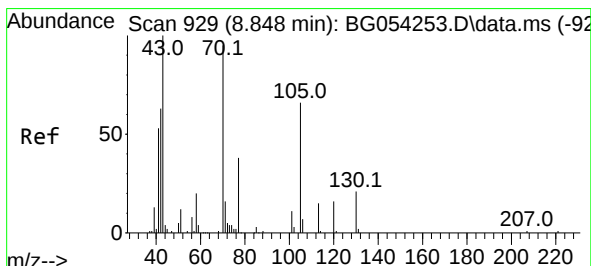
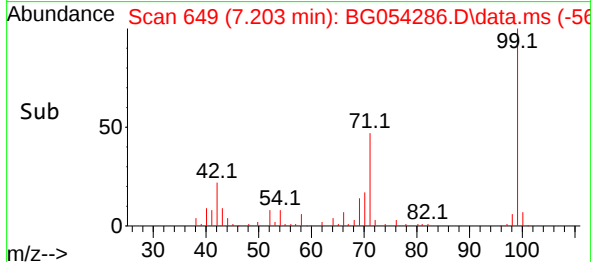
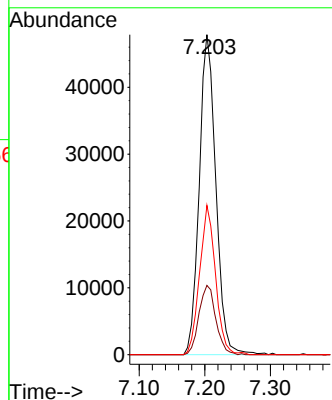
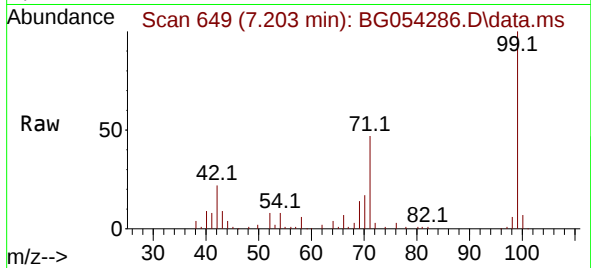




#7
Phenol-d6
Concen: 85.485 ng
RT: 7.203 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

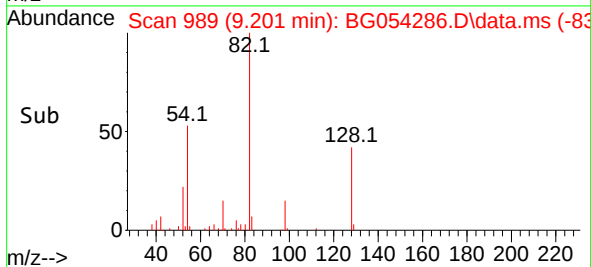
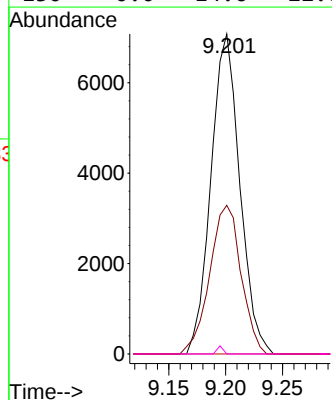
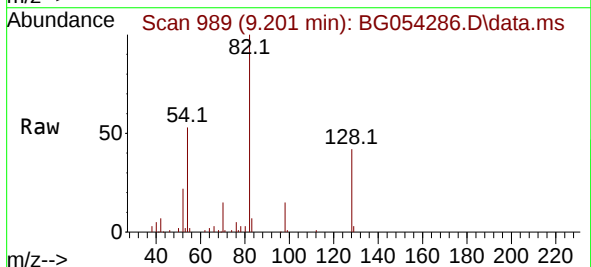
Instrument :
BNA_G
ClientSampleId :
1-4-TOTES-COMP

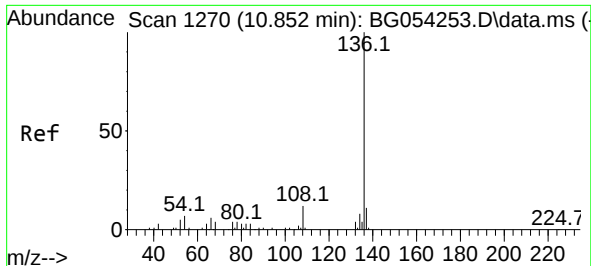
Tgt Ion: 99 Resp: 84325
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 46.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.538 ng
RT: 9.201 min Scan# 989
Delta R.T. 0.353 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

Tgt Ion: 70 Resp: 12484
Ion Ratio Lower Upper
70 100
42 46.5 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

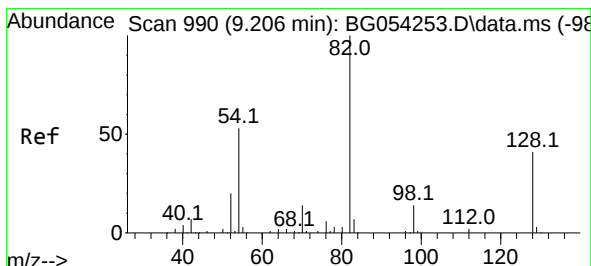
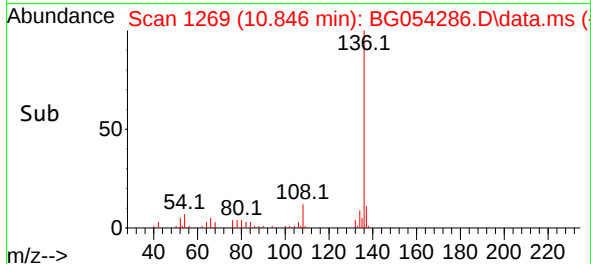
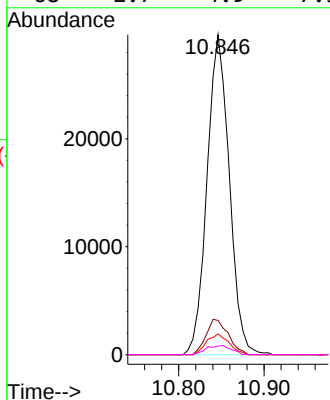
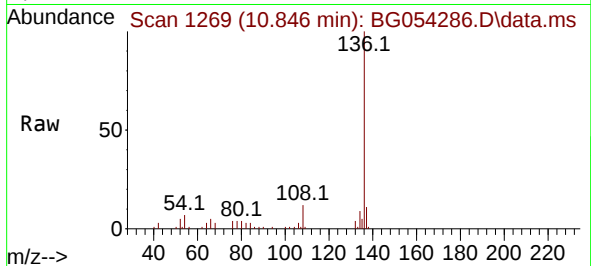




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

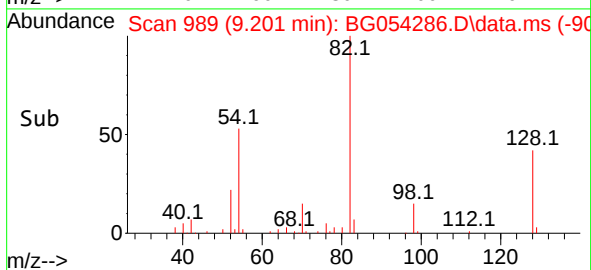
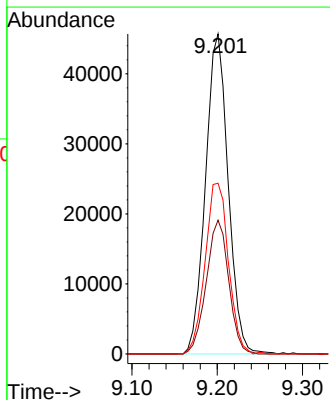
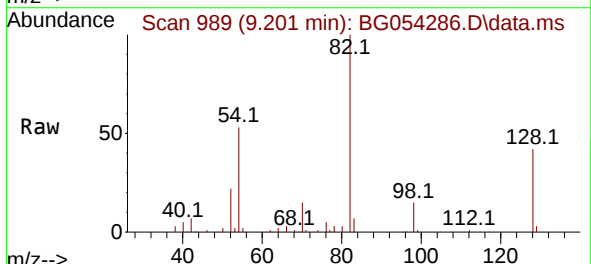
Instrument :
BNA_G
ClientSampleId :
1-4-TOTES-COMP

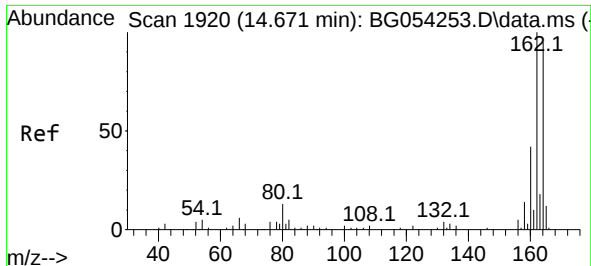
Tgt Ion:136	Resp:	53860
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	6.5	7.4 11.2#
68	2.7	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 85.170 ng
RT: 9.201 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

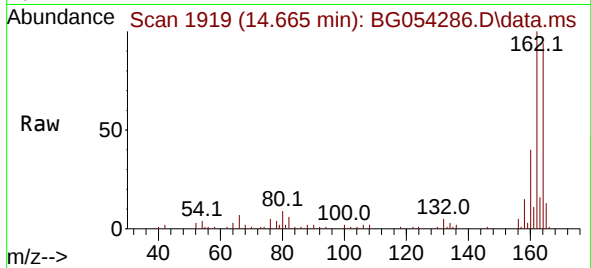
Tgt Ion: 82	Resp:	84532
Ion Ratio	Lower	Upper
82	100	
128	41.8	27.9 41.9
54	53.3	41.2 61.8



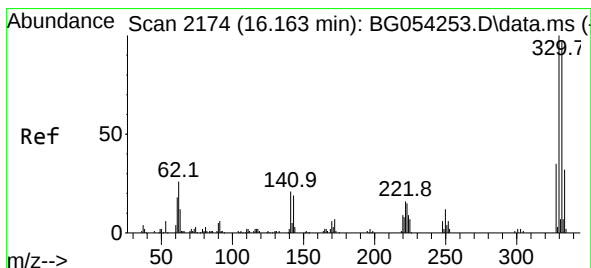
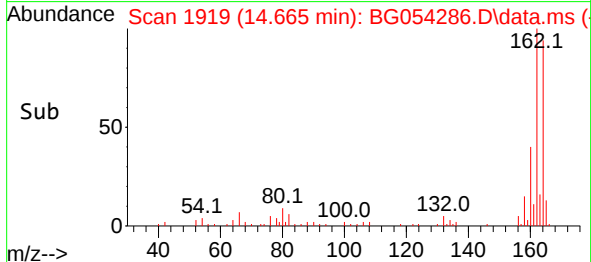
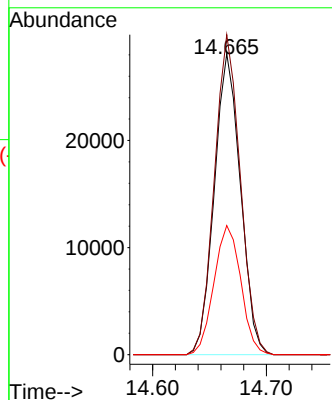


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.665 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

Instrument :
BNA_G
ClientSampleId :
1-4-TOTES-COMP

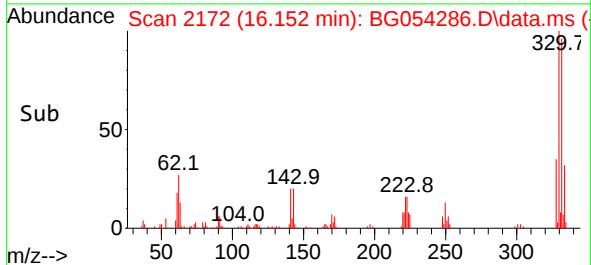
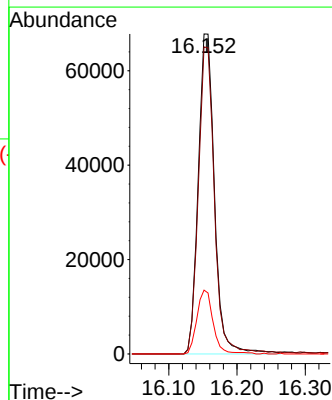
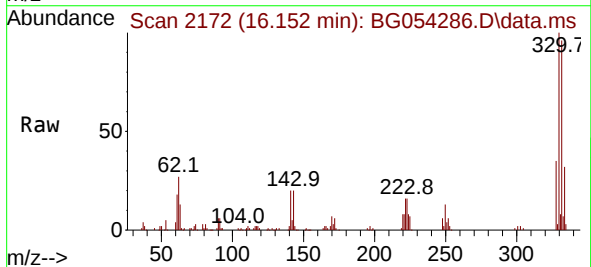


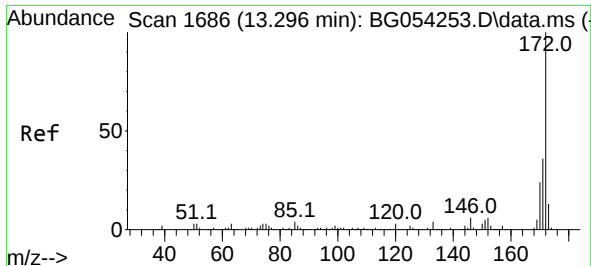
Tgt Ion:164 Resp: 44843
Ion Ratio Lower Upper
164 100
162 106.3 82.3 123.5
160 42.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 129.182 ng
RT: 16.152 min Scan# 2172
Delta R.T. -0.011 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

Tgt Ion:330 Resp: 112214
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 19.9 27.1 40.7#

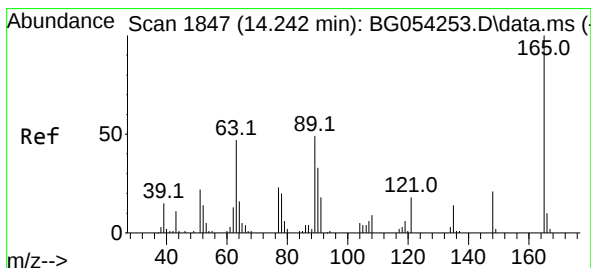
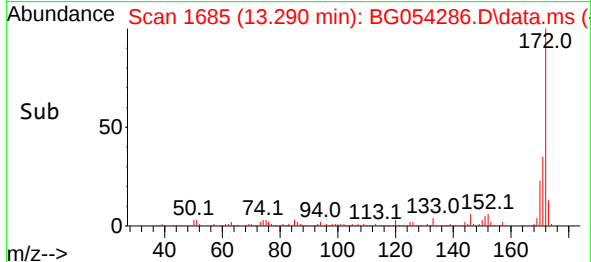
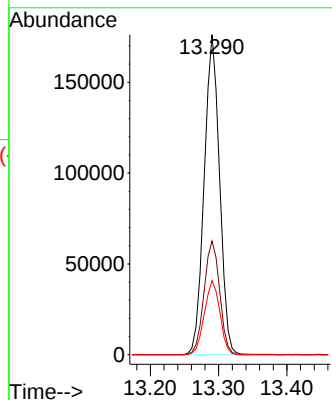
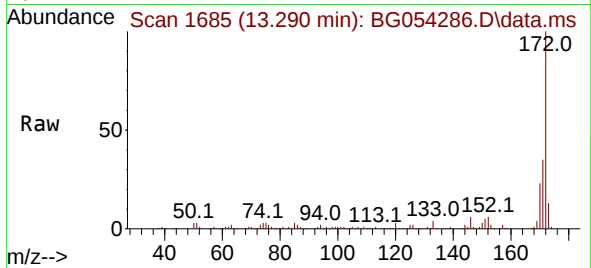




#45
2-Fluorobiphenyl
Concen: 90.520 ng
RT: 13.290 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

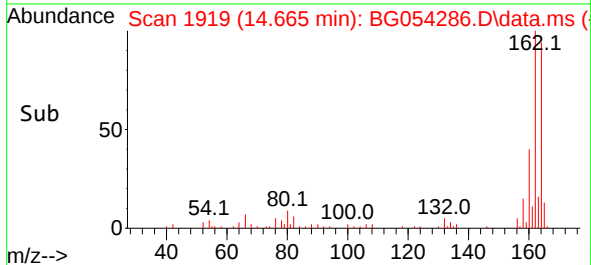
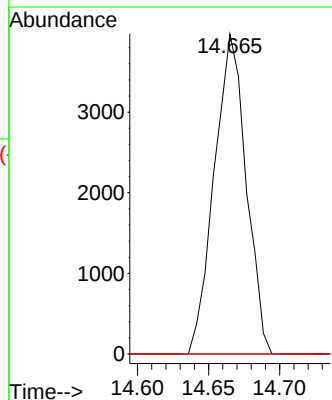
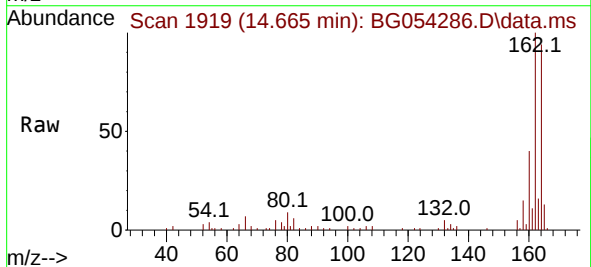
Instrument :
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ClientSampleId :
1-4-TOTES-COMP

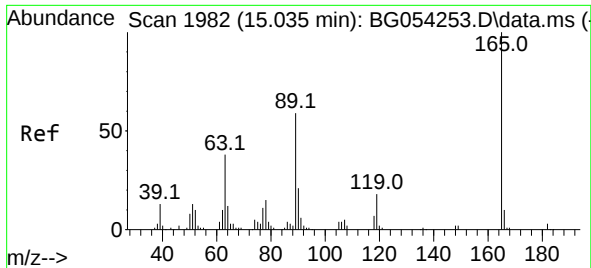
Tgt Ion:172 Resp: 276257
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.095 ng
RT: 14.665 min Scan# 1919
Delta R.T. 0.423 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

Tgt Ion:165 Resp: 6195
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

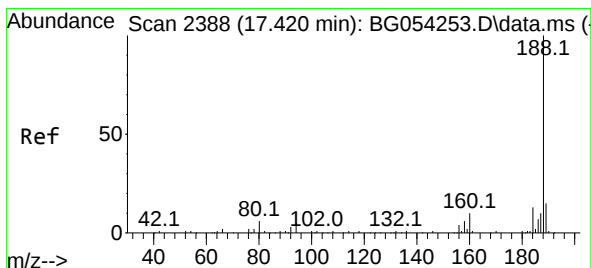
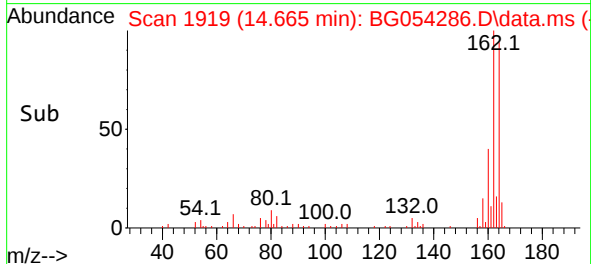
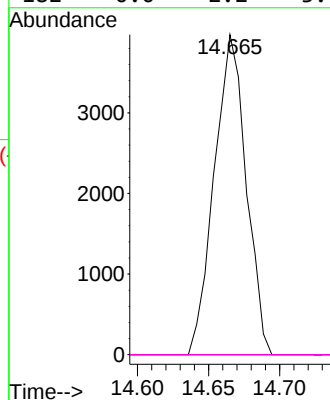
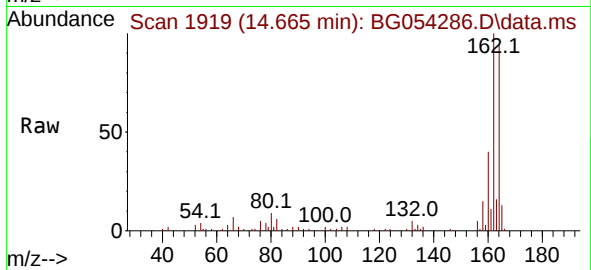




#57
2,4-Dinitrotoluene
Concen: 5.591 ng
RT: 14.665 min Scan# 1982
Delta R.T. -0.370 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

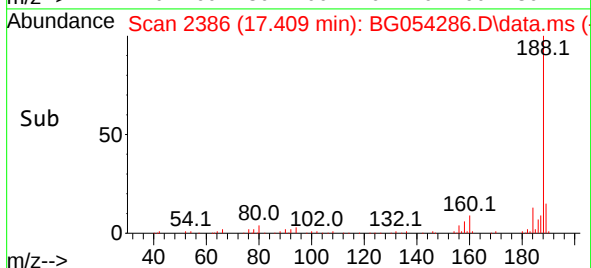
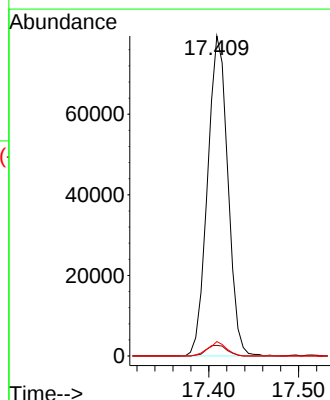
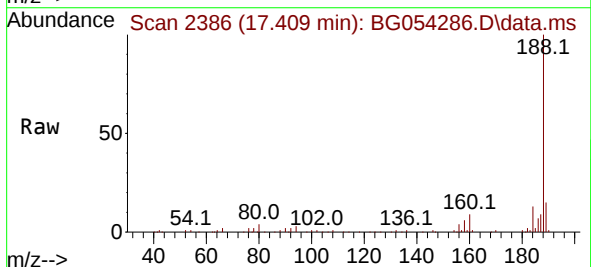
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ClientSampleId :
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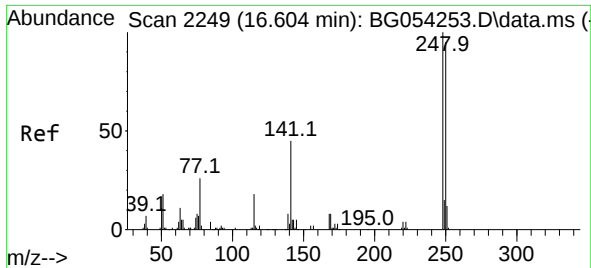
Tgt Ion:165 Resp: 6195
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.409 min Scan# 2386
Delta R.T. -0.011 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

Tgt Ion:188 Resp: 124715
Ion Ratio Lower Upper
188 100
94 3.3 5.4 8.0#
80 4.5 6.8 10.2#

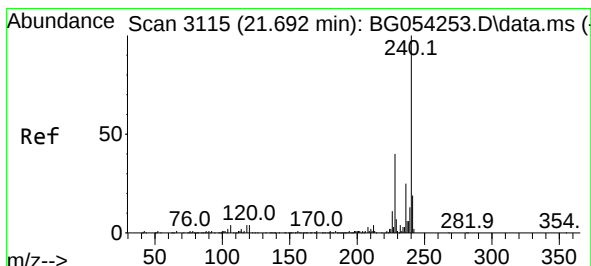
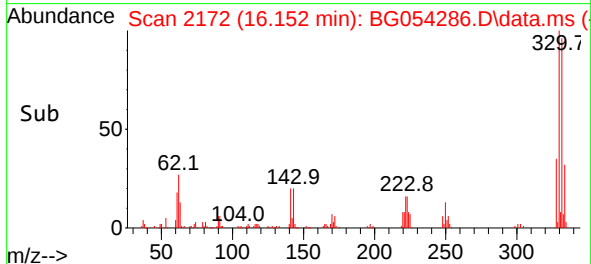
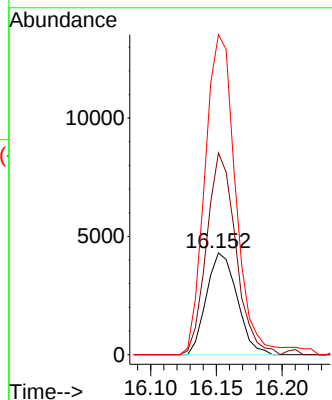
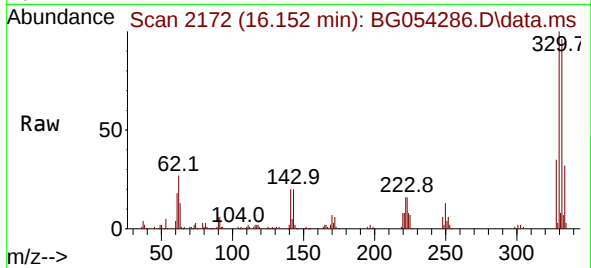




#67
4-Bromophenyl-phenylether
Concen: 4.193 ng
RT: 16.152 min Scan# 2172
Delta R.T. -0.452 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

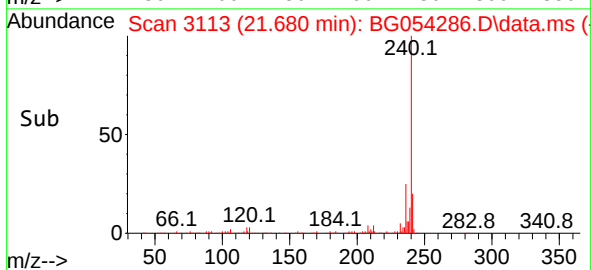
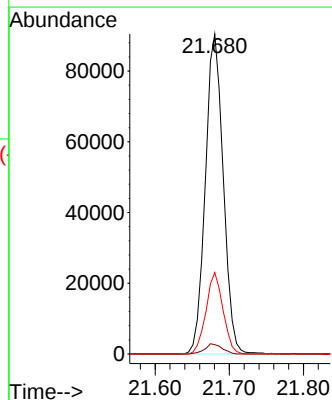
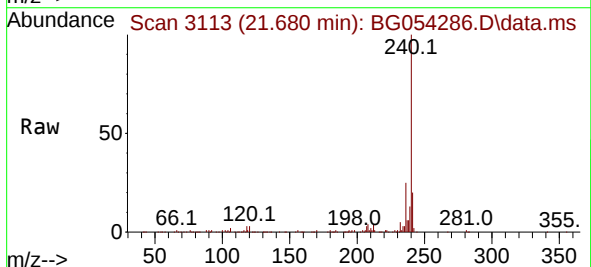
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1-4-TOTES-COMP

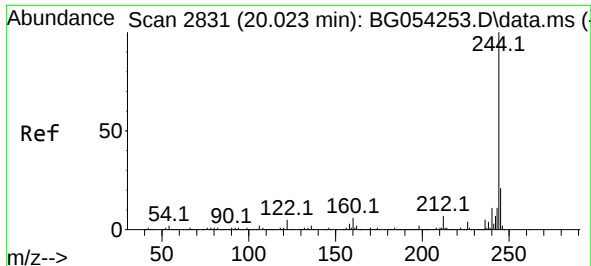
Tgt Ion:248 Resp: 6975
Ion Ratio Lower Upper
248 100
250 154.7 75.2 112.8#
141 245.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.680 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BG054286.D
Acq: 14 Jul 2022 19:03

Tgt Ion:240 Resp: 151377
Ion Ratio Lower Upper
240 100
120 2.9 4.6 7.0#
236 25.5 20.2 30.4

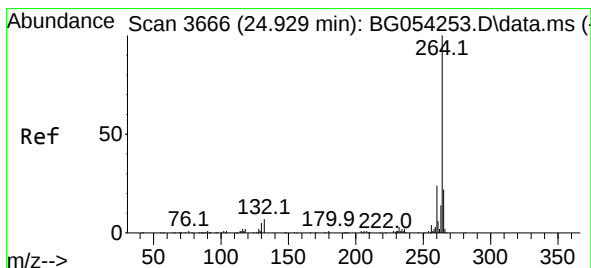
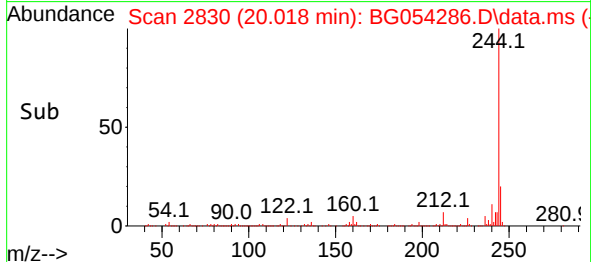
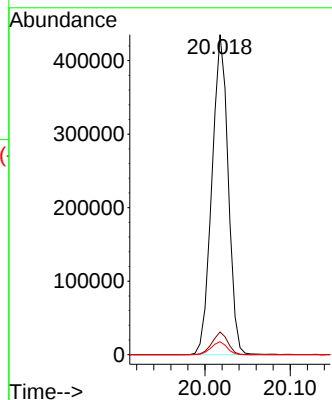
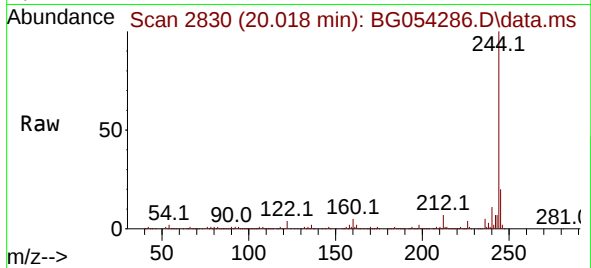




#79
 Terphenyl-d14
 Concen: 78.499 ng
 RT: 20.018 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BG054286.D
 Acq: 14 Jul 2022 19:03

Instrument :
 BNA_G
 ClientSampleId :
 1-4-TOTES-COMP

Tgt Ion:244 Resp: 577858
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.0 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.912 min Scan# 3663
 Delta R.T. -0.017 min
 Lab File: BG054286.D
 Acq: 14 Jul 2022 19:03

Tgt Ion:264 Resp: 160650
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 20.5 17.4 26.2

