

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054281.D
 Acq On : 14 Jul 2022 15:30
 Operator : CG/JU
 Sample : PB146215BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146215BL

Quant Time: Jul 15 01:58:01 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)

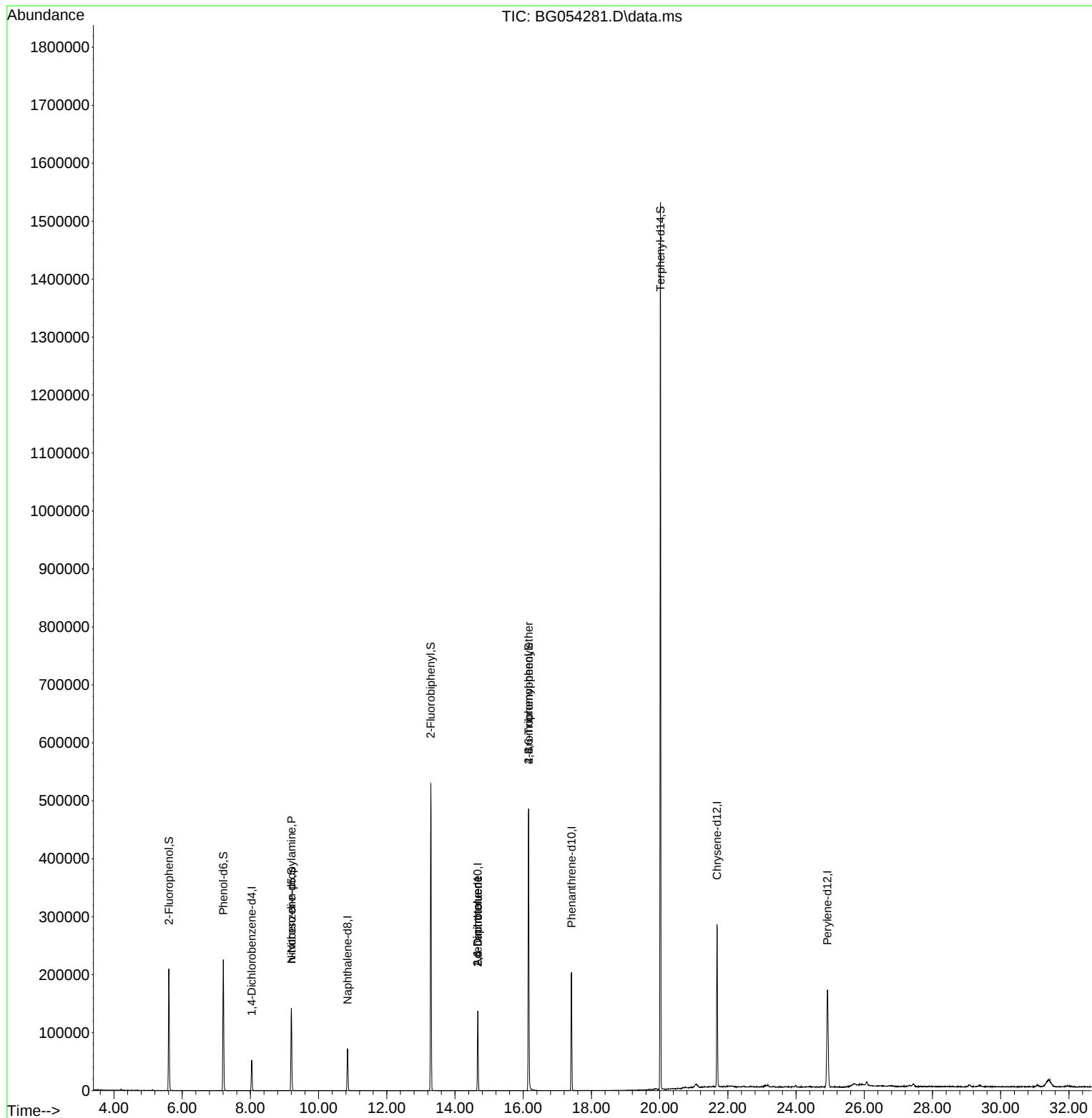
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.039	152	16646	20.000	ng	0.00
21) Naphthalene-d8	10.847	136	67738	20.000	ng	# 0.00
39) Acenaphthene-d10	14.666	164	54475	20.000	ng	0.00
64) Phenanthrene-d10	17.416	188	157325	20.000	ng	# 0.00
76) Chrysene-d12	21.682	240	205645	20.000	ng	#-0.01
86) Perylene-d12	24.919	264	214695	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.612	112	96103	115.992	ng	0.00
7) Phenol-d6	7.204	99	128166	112.156	ng	0.00
23) Nitrobenzene-d5	9.202	82	86325	69.157	ng	0.00
42) 2,4,6-Tribromophenol	16.159	330	137915	130.696	ng	0.00
45) 2-Fluorobiphenyl	13.291	172	309592	83.506	ng	0.00
79) Terphenyl-d14	20.025	244	886640	88.661	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.202	70	12413	15.911	ng	# 82
51) 2,6-Dinitrotoluene	14.666	165	7693	8.275	ng	# 16
57) 2,4-Dinitrotoluene	14.666	165	7693	5.715	ng	# 21
67) 4-Bromophenyl-phenylether	16.159	248	7836	3.734	ng	# 1

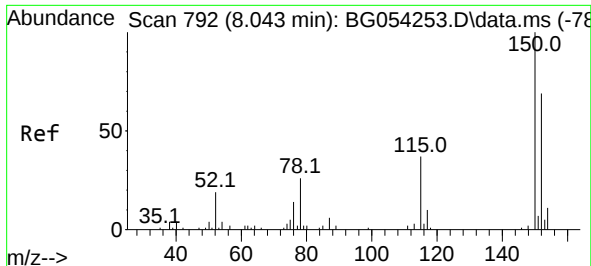
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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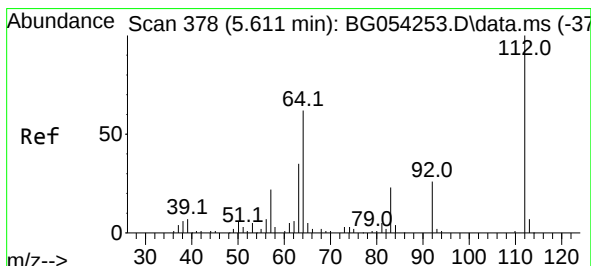
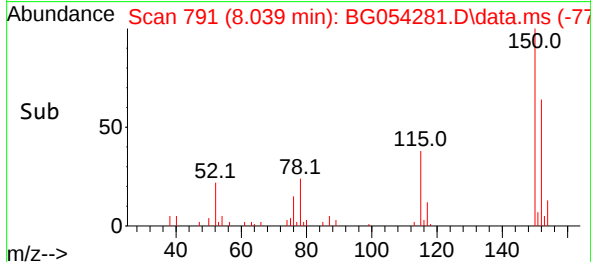
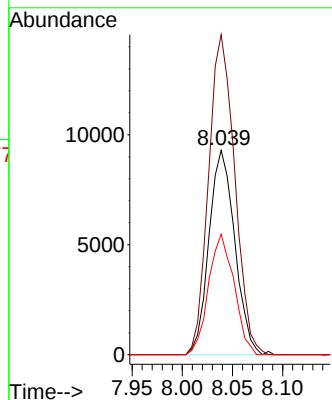
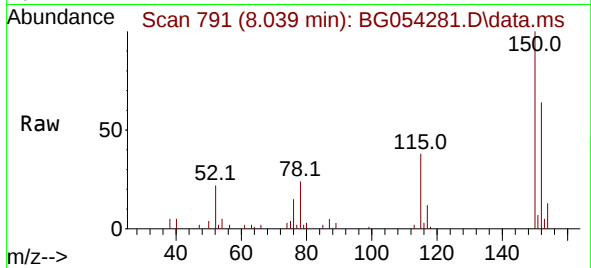




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.039 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

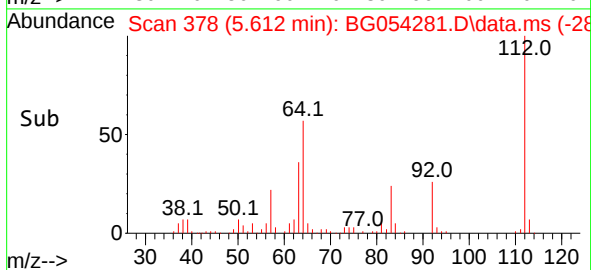
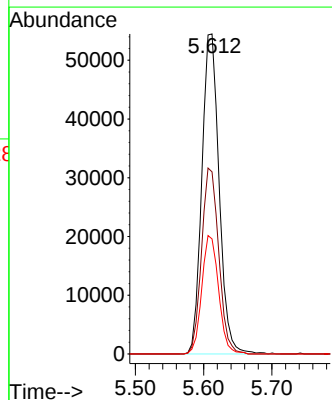
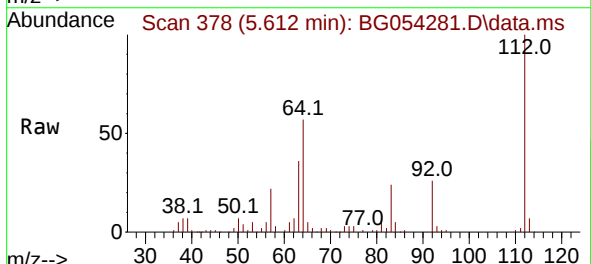
Instrument :
BNA_G
ClientSampleId :
PB146215BL

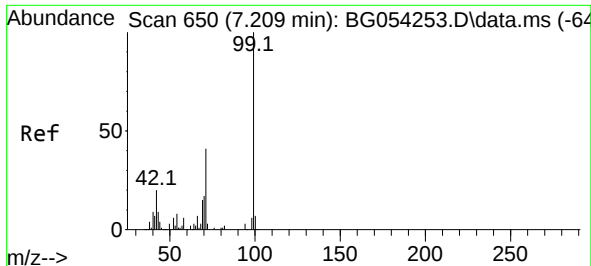
Tgt Ion:152 Resp: 16646
Ion Ratio Lower Upper
152 100
150 156.5 131.6 197.4
115 58.9 50.9 76.3



#5
2-Fluorophenol
Concen: 115.992 ng
RT: 5.612 min Scan# 378
Delta R.T. 0.002 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

Tgt Ion:112 Resp: 96103
Ion Ratio Lower Upper
112 100
64 56.9 55.1 82.7
63 35.9 30.4 45.6

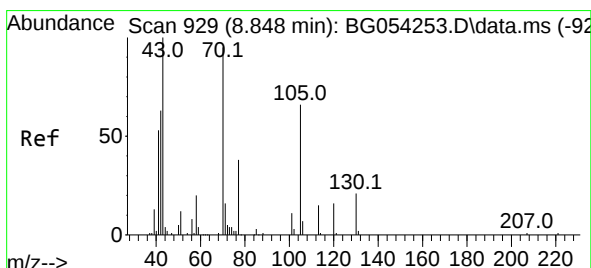
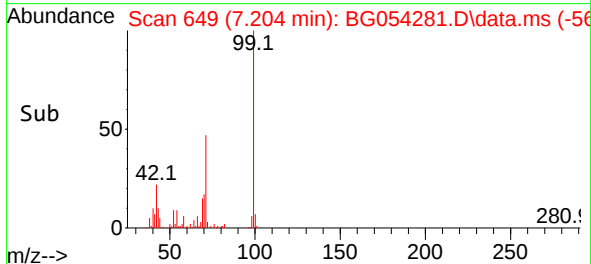
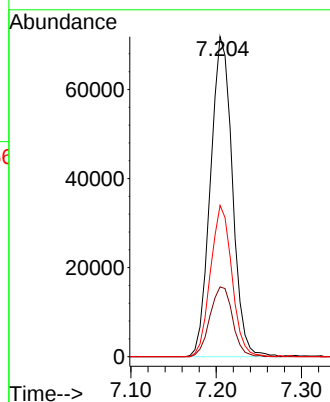
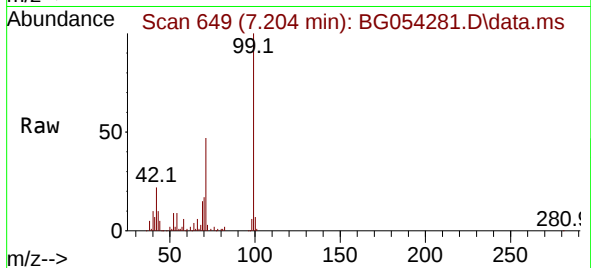




#7
Phenol-d6
Concen: 112.156 ng
RT: 7.204 min Scan# 649
Delta R.T. -0.004 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

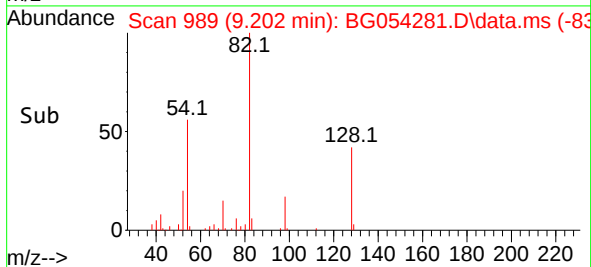
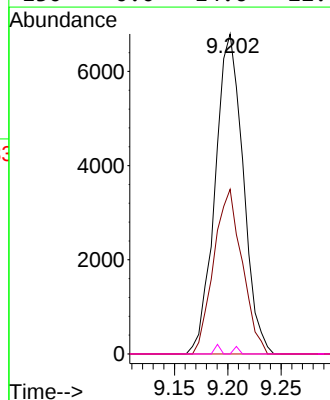
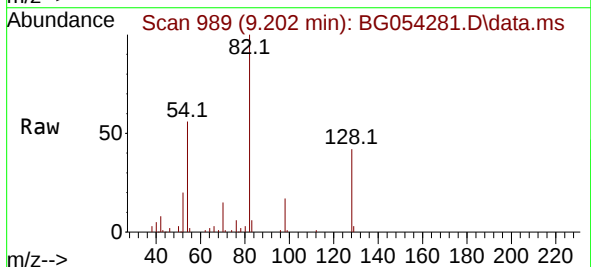
Instrument :
BNA_G
ClientSampleId :
PB146215BL

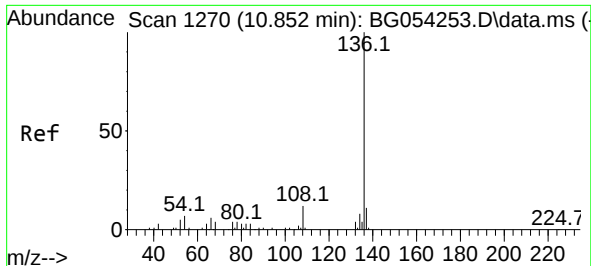
Tgt Ion: 99 Resp: 128166
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 47.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.911 ng
RT: 9.202 min Scan# 989
Delta R.T. 0.354 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

Tgt Ion: 70 Resp: 12413
Ion Ratio Lower Upper
70 100
42 51.5 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

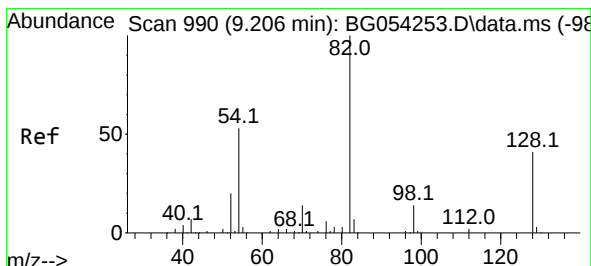
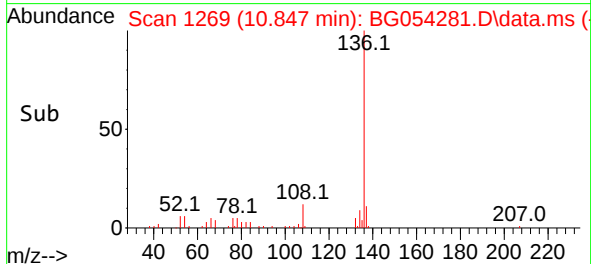
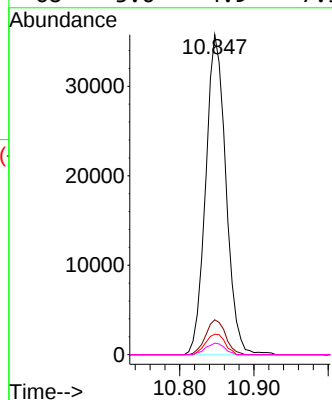
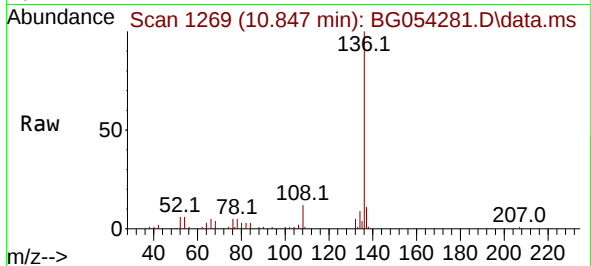




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.847 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

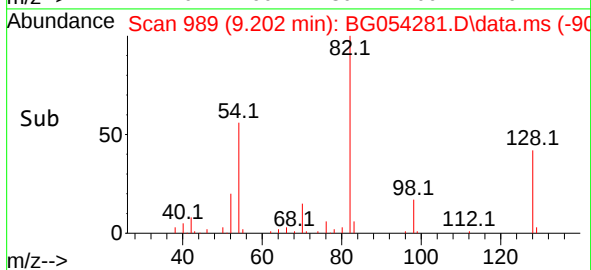
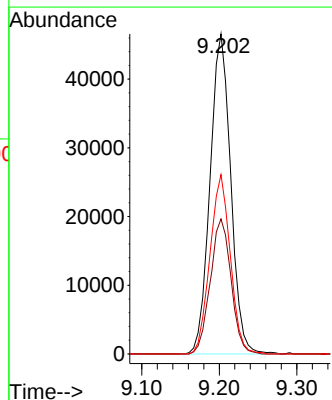
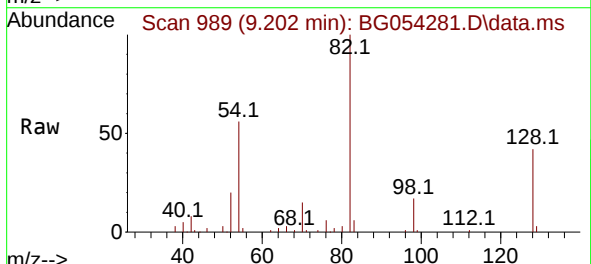
Instrument :
BNA_G
ClientSampleId :
PB146215BL

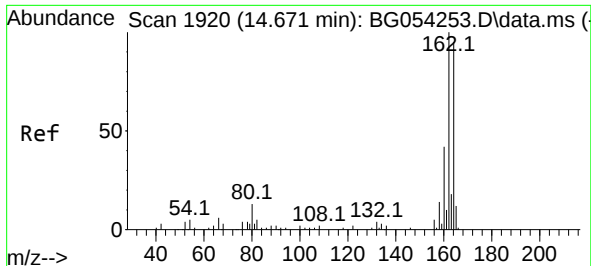
Tgt Ion:	136	Resp:	67738
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.4	7.4	11.2#
68	3.6	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 69.157 ng
RT: 9.202 min Scan# 989
Delta R.T. -0.004 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

Tgt Ion:	82	Resp:	86325
Ion Ratio	Lower	Upper	
82	100		
128	42.2	27.9	41.9#
54	56.0	41.2	61.8

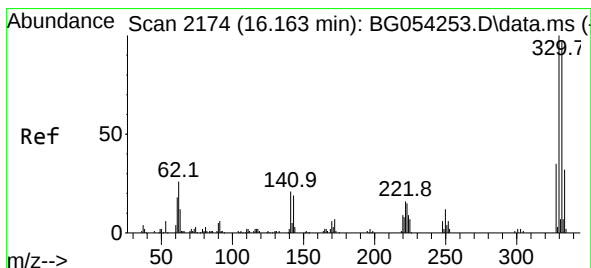
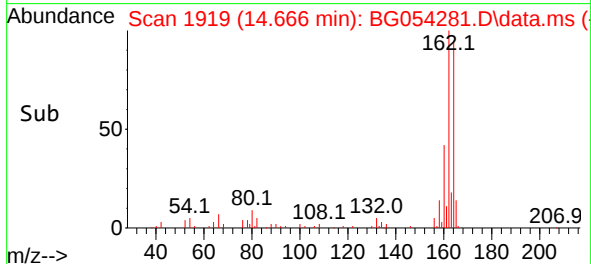
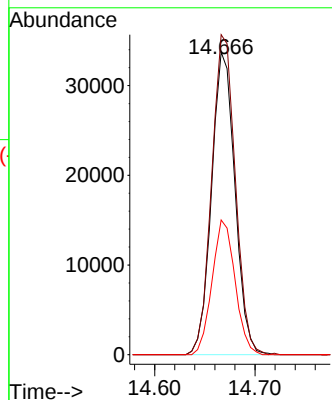
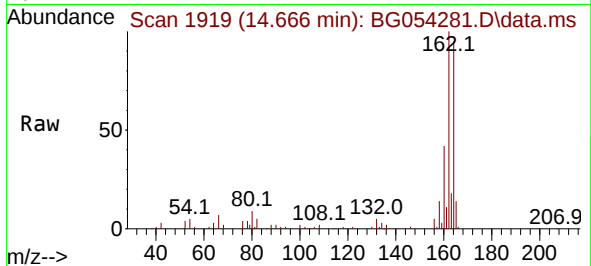




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.666 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

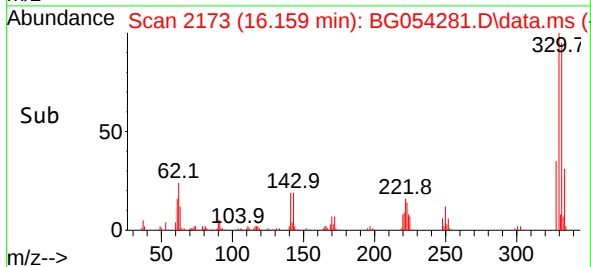
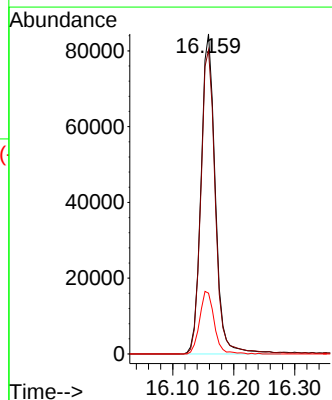
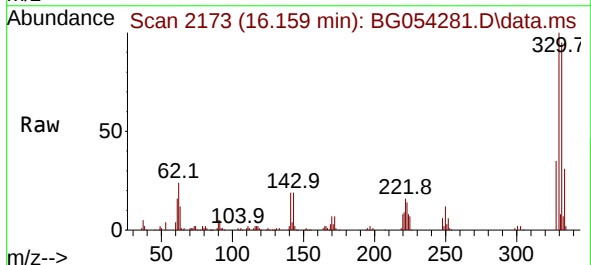
Instrument :
BNA_G
ClientSampleId :
PB146215BL

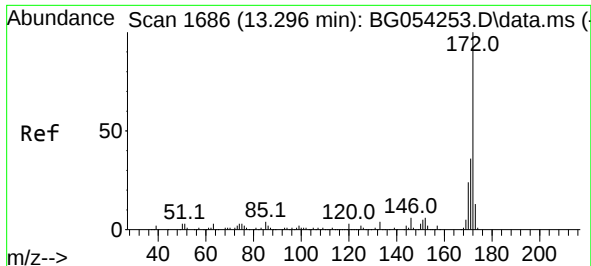
Tgt Ion:164 Resp: 54475
Ion Ratio Lower Upper
164 100
162 105.8 82.3 123.5
160 44.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 130.696 ng
RT: 16.159 min Scan# 2173
Delta R.T. -0.004 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

Tgt Ion:330 Resp: 137915
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 19.9 27.1 40.7#

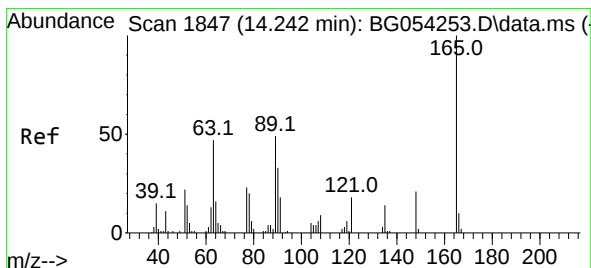
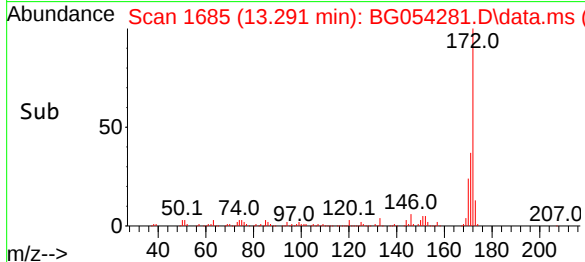
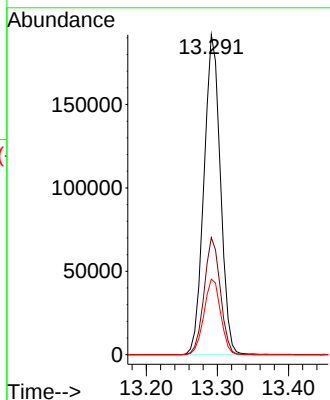
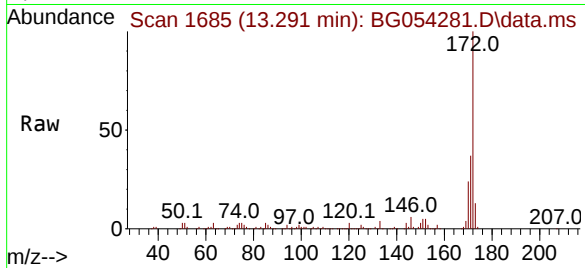




#45
2-Fluorobiphenyl
Concen: 83.506 ng
RT: 13.291 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

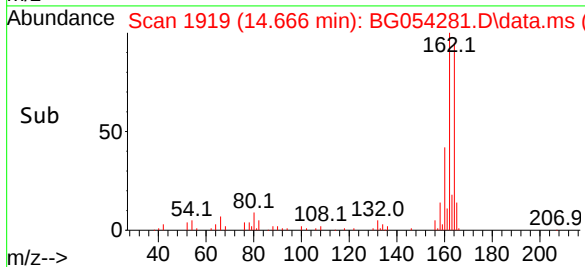
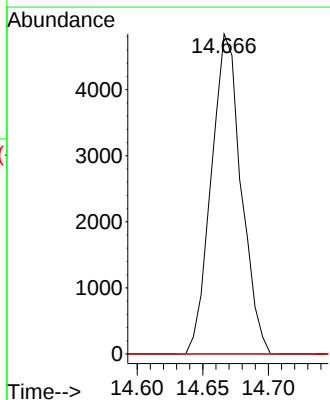
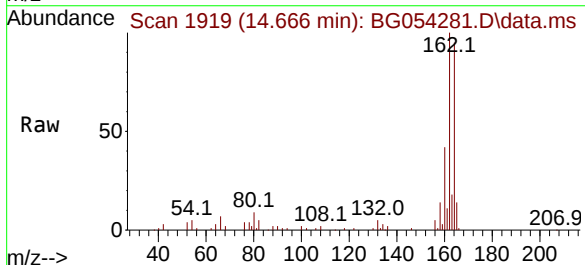
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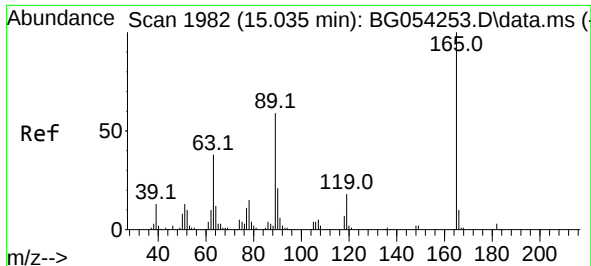
Tgt Ion:172 Resp: 309592
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 23.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 14.666 min Scan# 1919
Delta R.T. 0.425 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

Tgt Ion:165 Resp: 7693
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

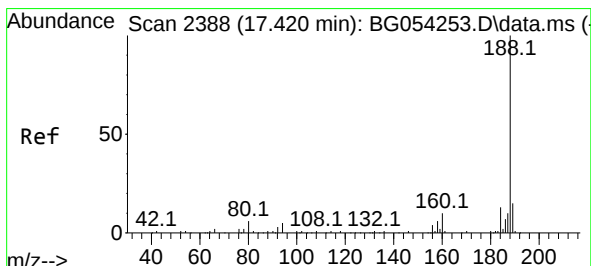
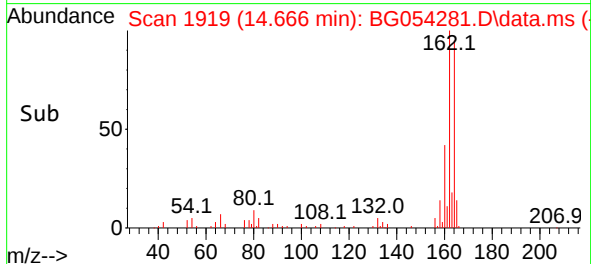
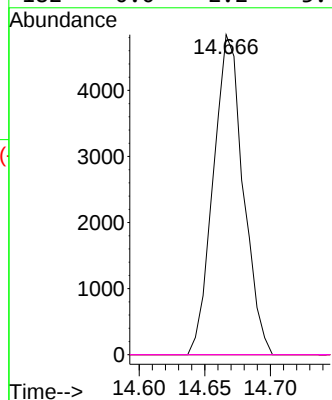
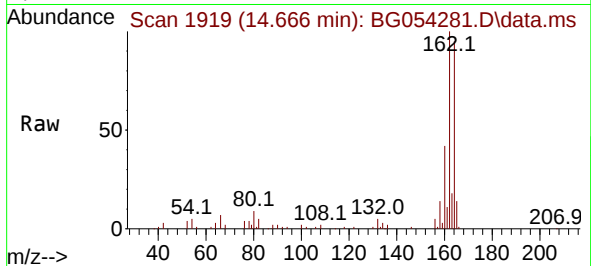




#57
2,4-Dinitrotoluene
Concen: 5.715 ng
RT: 14.666 min Scan# 1982
Delta R.T. -0.369 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

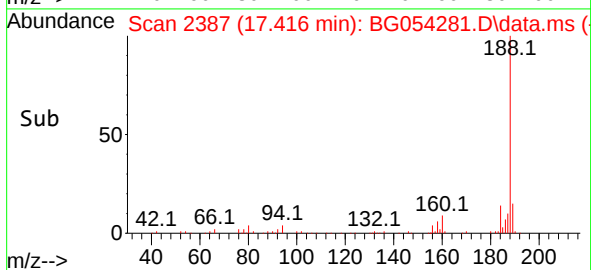
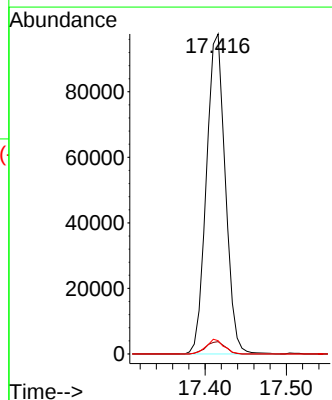
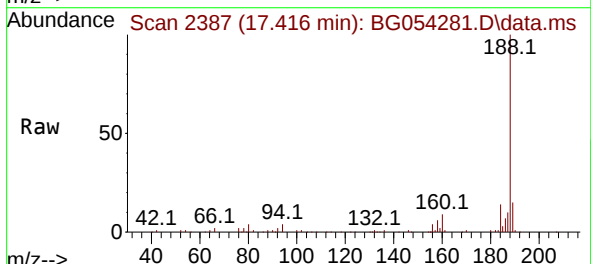
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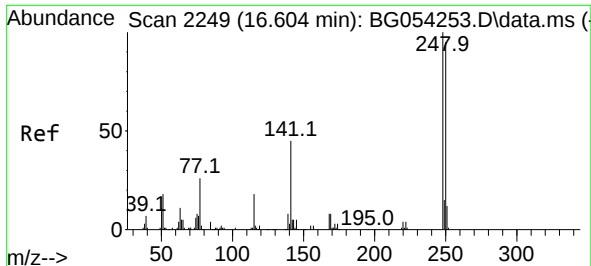
Tgt Ion:165 Resp: 7693
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.416 min Scan# 2387
Delta R.T. -0.004 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

Tgt Ion:188 Resp: 157325
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 4.2 6.8 10.2#

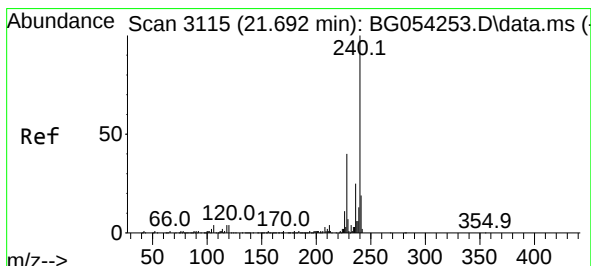
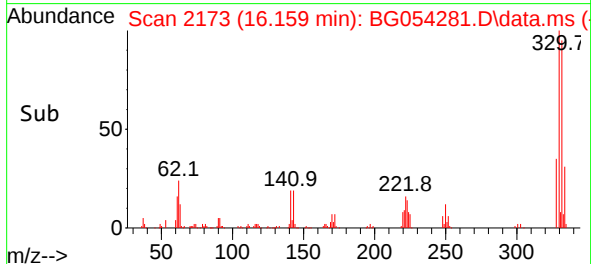
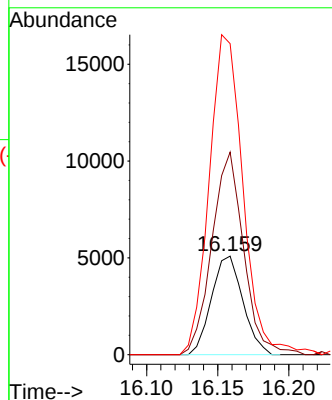
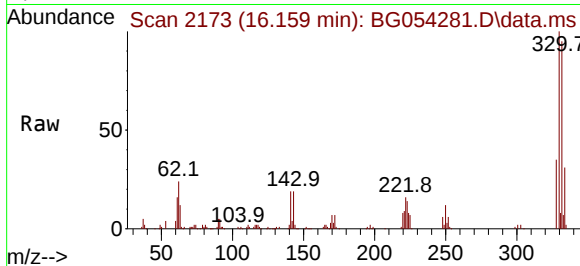




#67
4-Bromophenyl-phenylether
Concen: 3.734 ng
RT: 16.159 min Scan# 2173
Delta R.T. -0.445 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

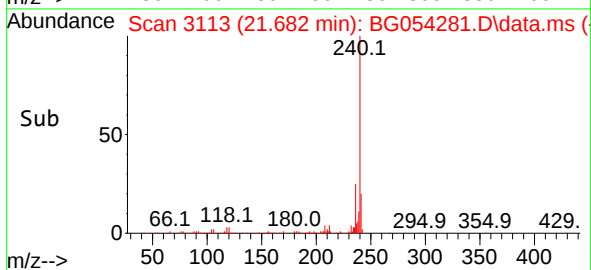
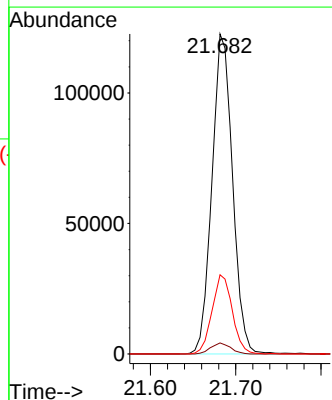
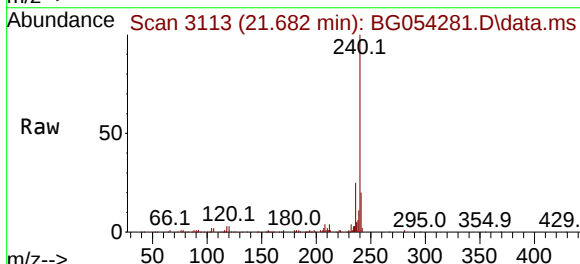
Instrument :
BNA_G
ClientSampleId :
PB146215BL

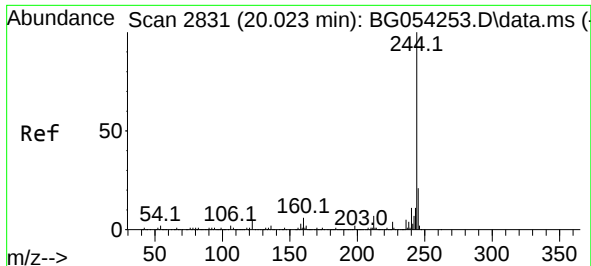
Tgt Ion:248 Resp: 7836
Ion Ratio Lower Upper
248 100
250 205.7 75.2 112.8#
141 315.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.682 min Scan# 3113
Delta R.T. -0.010 min
Lab File: BG054281.D
Acq: 14 Jul 2022 15:30

Tgt Ion:240 Resp: 205645
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 24.8 20.2 30.4

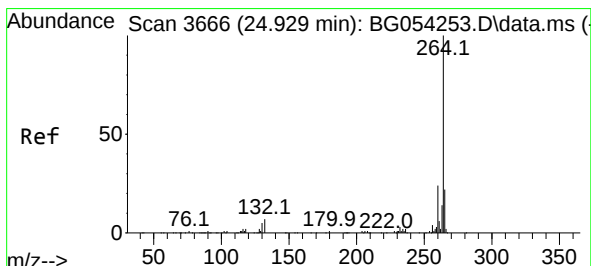
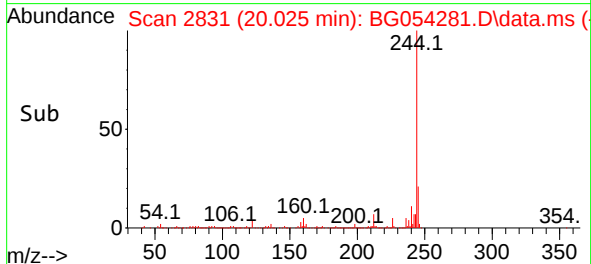
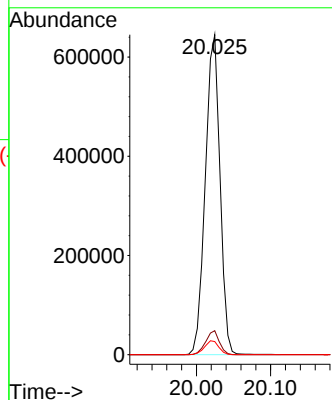
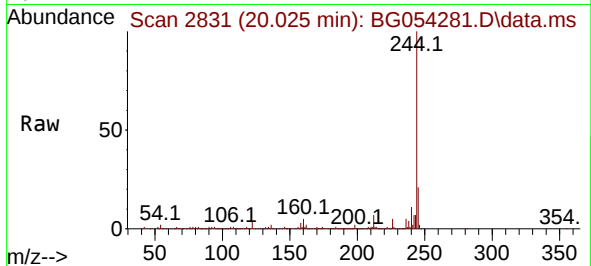




#79
 Terphenyl-d14
 Concen: 88.661 ng
 RT: 20.025 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG054281.D
 Acq: 14 Jul 2022 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PB146215BL

Tgt Ion:244 Resp: 886640
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 4.1 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.919 min Scan# 3664
 Delta R.T. -0.010 min
 Lab File: BG054281.D
 Acq: 14 Jul 2022 15:30

Tgt Ion:264 Resp: 214695
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.8 17.4 26.2

