

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081222\
 Data File : BG054616.D
 Acq On : 12 Aug 2022 10:34
 Operator : CG/JU
 Sample : PB146851BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146851BL

Quant Time: Aug 13 00:35:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

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

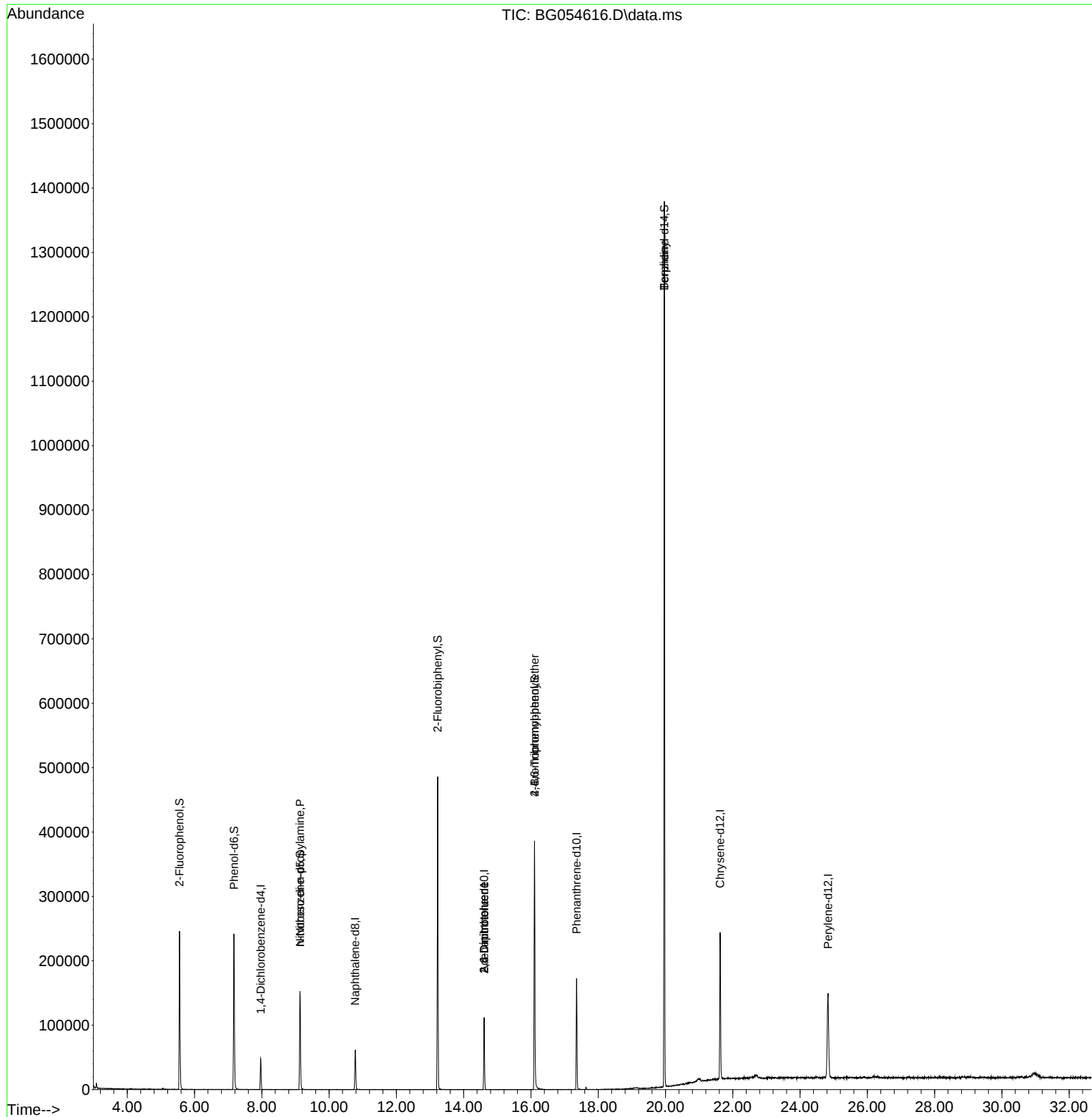
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	15592	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	58951	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	46196	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	131874	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	166751	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	169697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	112084	150.089	ng	0.00
7) Phenol-d6	7.171	99	143567	140.301	ng	0.00
23) Nitrobenzene-d5	9.133	82	97024	89.628	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	114042	117.576	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	282544	86.281	ng	0.00
79) Terphenyl-d14	19.968	244	782994	93.151	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.165	77	188	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.133	70	13697	20.045	ng	# 83
51) 2,6-Dinitrotoluene	14.609	165	6444	8.142	ng	# 16
57) 2,4-Dinitrotoluene	14.609	165	6444	5.679	ng	# 21
67) 4-Bromophenyl-phenylether	16.107	248	6509	3.514	ng	# 1
77) Benzidine	19.968	184	10167	3.367	ng	# 93

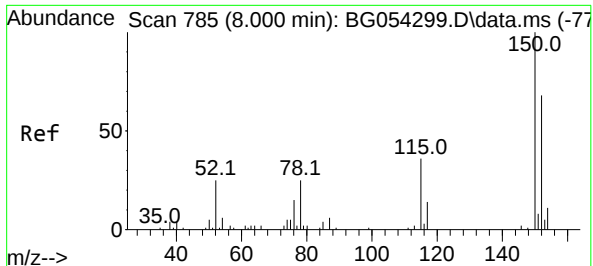
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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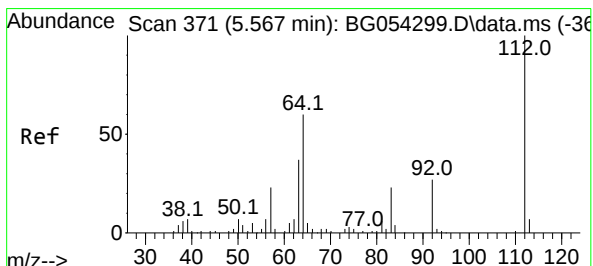
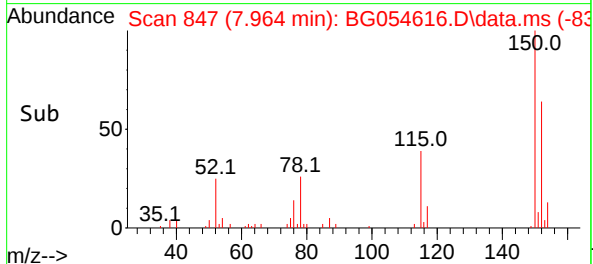
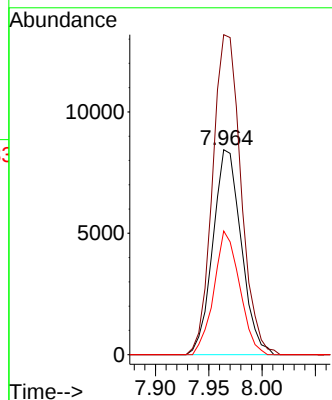
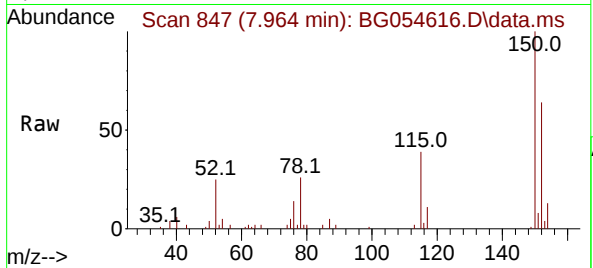




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.964 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

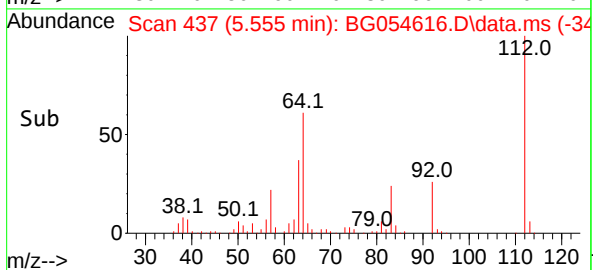
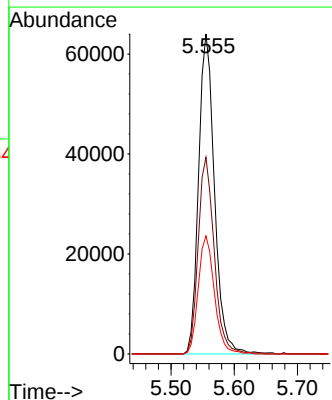
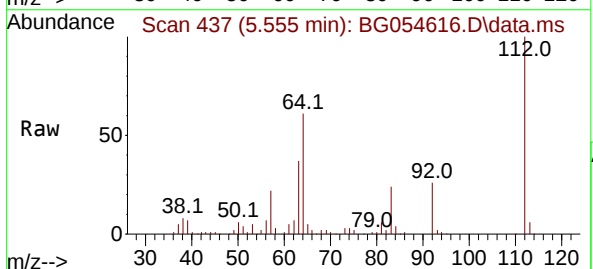
Instrument :
BNA_G
ClientSampleId :
PB146851BL

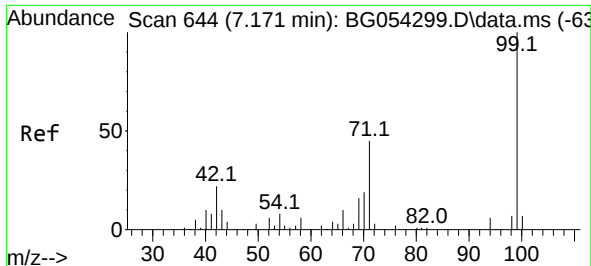
Tgt Ion:152 Resp: 15592
Ion Ratio Lower Upper
152 100
150 156.2 131.6 197.4
115 60.4 50.9 76.3



#5
2-Fluorophenol
Concen: 150.089 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

Tgt Ion:112 Resp: 112084
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 36.9 30.4 45.6

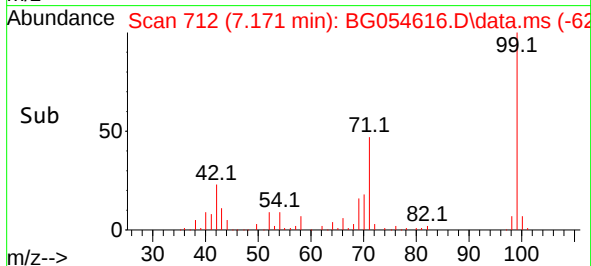
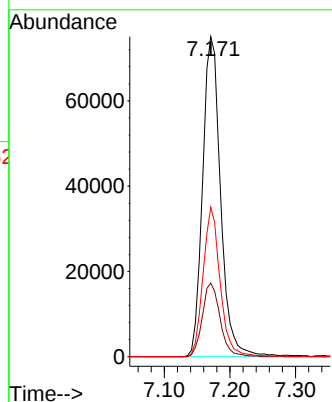
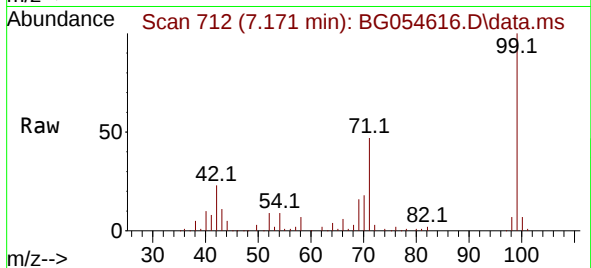




#7
Phenol-d6
Concen: 140.301 ng
RT: 7.171 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

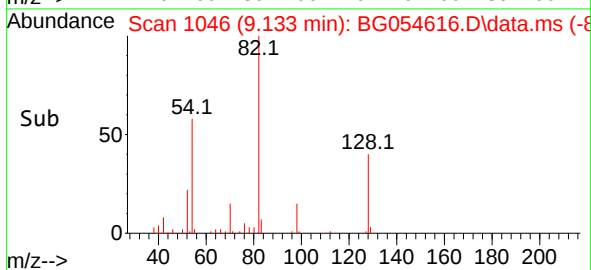
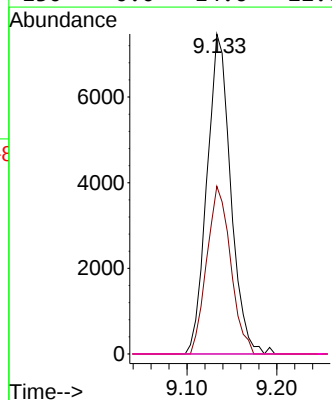
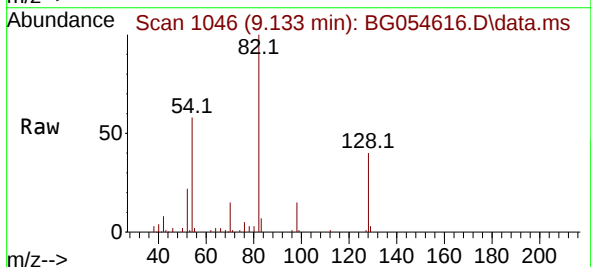
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ClientSampleId :
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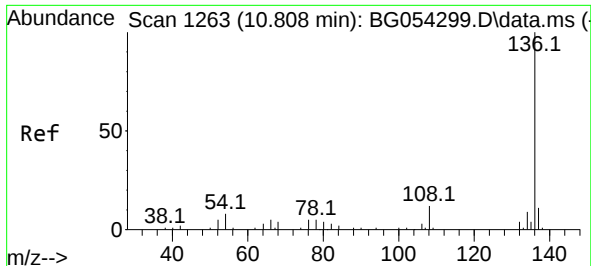
Tgt Ion: 99 Resp: 143567
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.6
71 46.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.045 ng
RT: 9.133 min Scan# 1046
Delta R.T. 0.354 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

Tgt Ion: 70 Resp: 13697
Ion Ratio Lower Upper
70 100
42 52.4 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

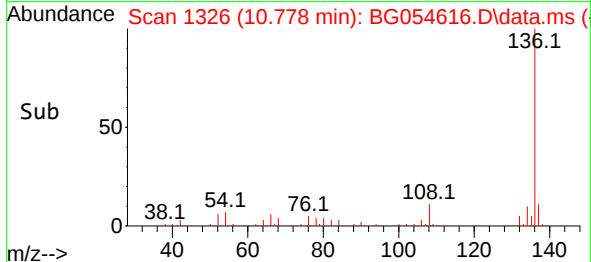
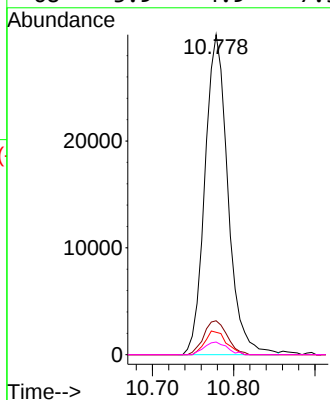
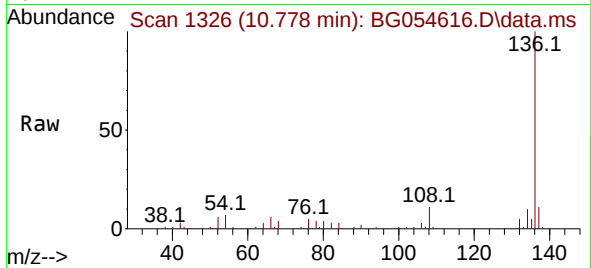




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

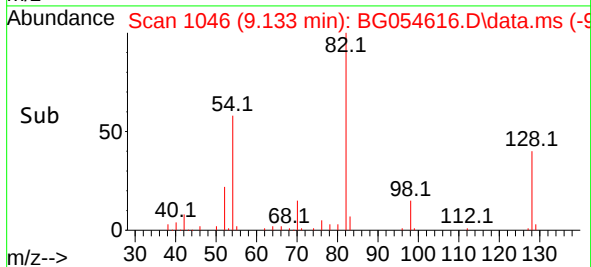
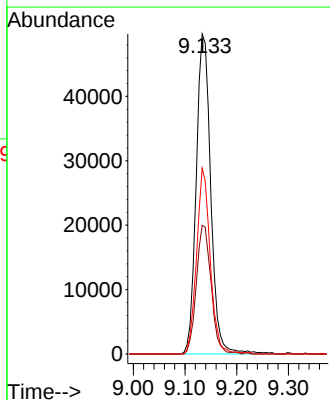
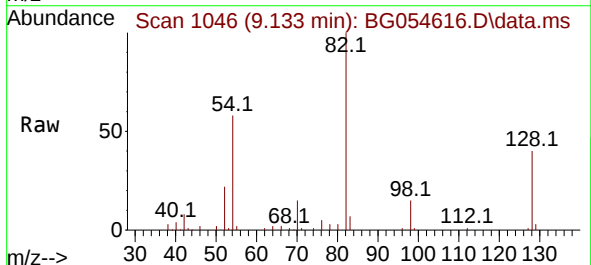
Instrument :
BNA_G
ClientSampleId :
PB146851BL

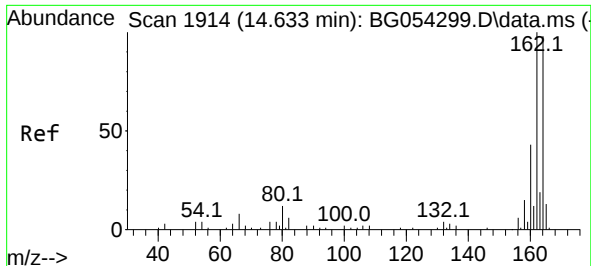
Tgt Ion:	136	Resp:	58951
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	7.0	7.4	11.2#
68	3.9	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 89.628 ng
RT: 9.133 min Scan# 1046
Delta R.T. -0.004 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

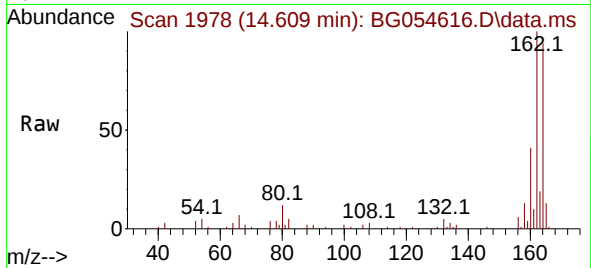
Tgt Ion:	82	Resp:	97024
Ion Ratio	Lower	Upper	
82	100		
128	40.2	27.9	41.9
54	58.0	41.2	61.8



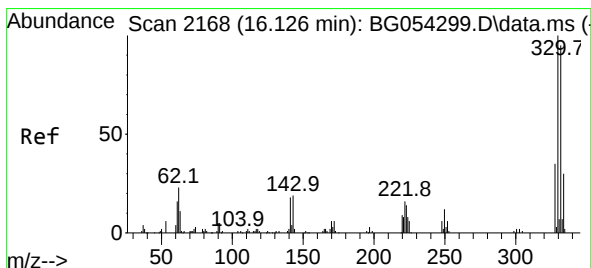
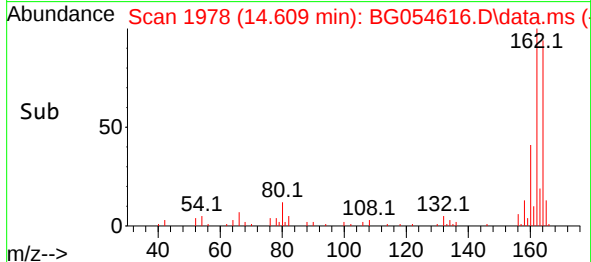
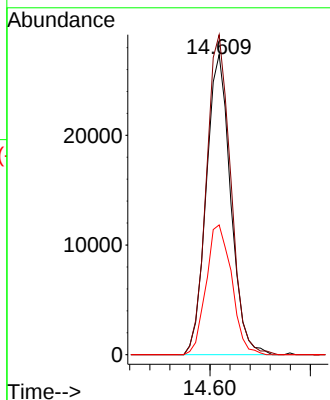


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

Instrument :
BNA_G
ClientSampleId :
PB146851BL

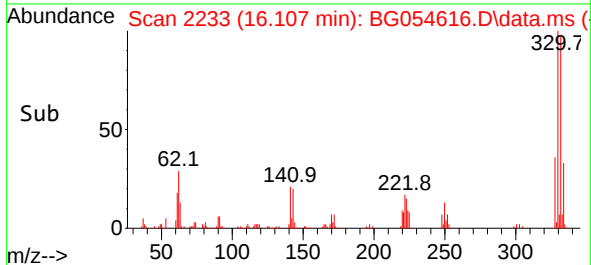
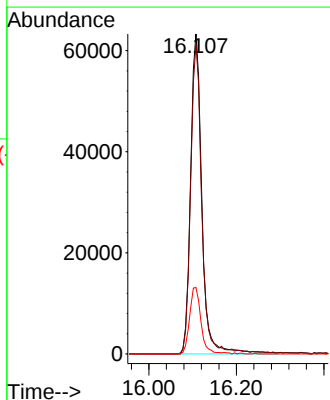
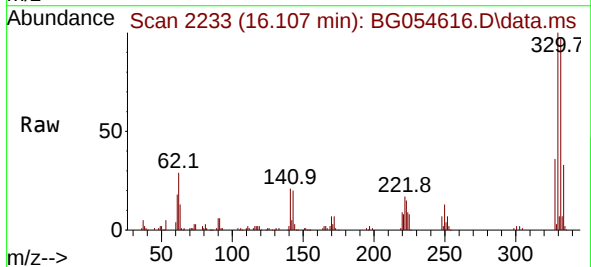


Tgt Ion:164 Resp: 46196
Ion Ratio Lower Upper
164 100
162 106.6 82.3 123.5
160 43.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 117.576 ng
RT: 16.107 min Scan# 2233
Delta R.T. -0.004 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

Tgt Ion:330 Resp: 114042
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 20.9 27.1 40.7#

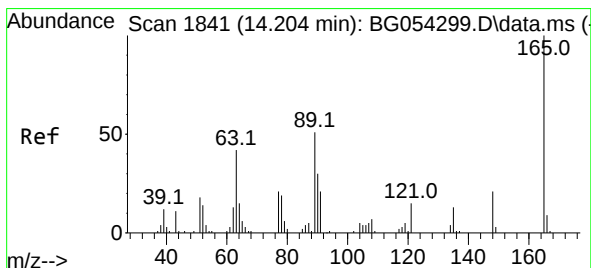
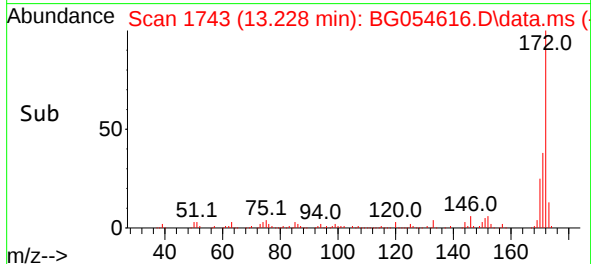
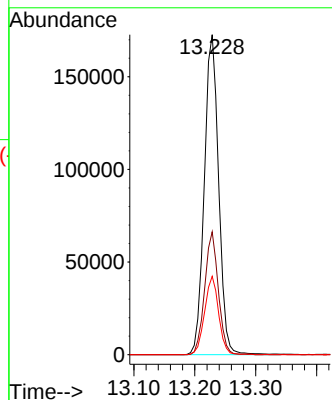
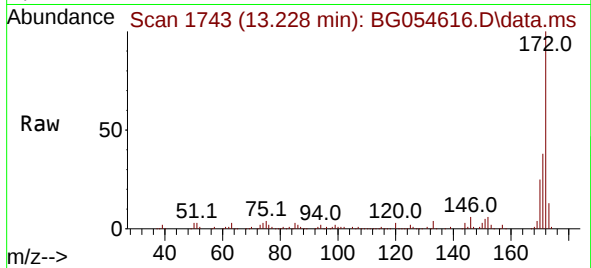




#45
2-Fluorobiphenyl
Concen: 86.281 ng
RT: 13.228 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

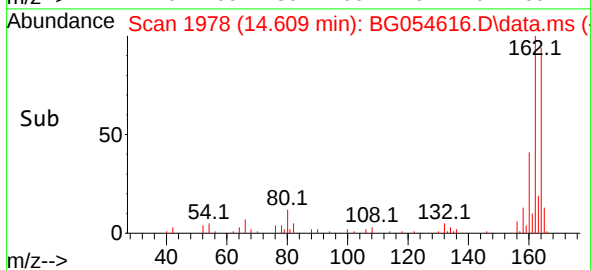
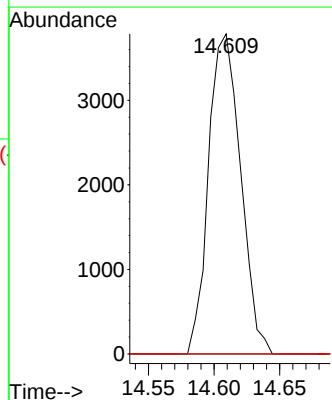
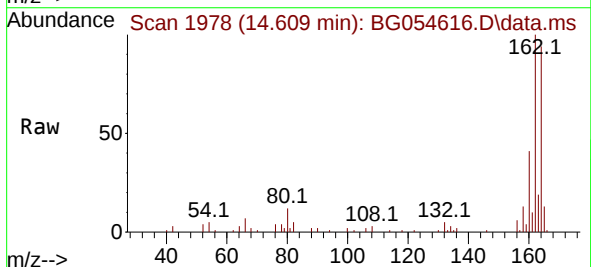
Instrument :
BNA_G
ClientSampleId :
PB146851BL

Tgt Ion:172 Resp: 282544
Ion Ratio Lower Upper
172 100
171 38.4 28.5 42.7
170 24.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.142 ng
RT: 14.609 min Scan# 1978
Delta R.T. 0.419 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

Tgt Ion:165 Resp: 6444
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

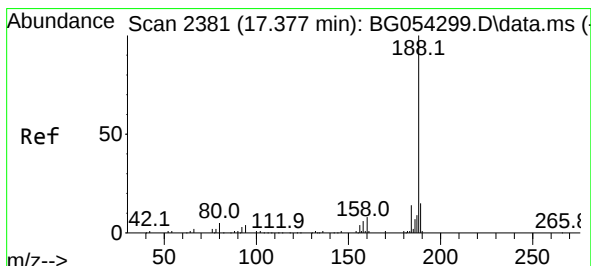
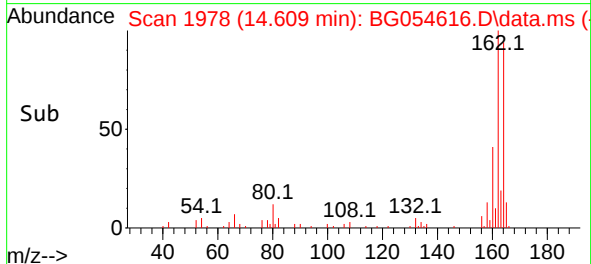
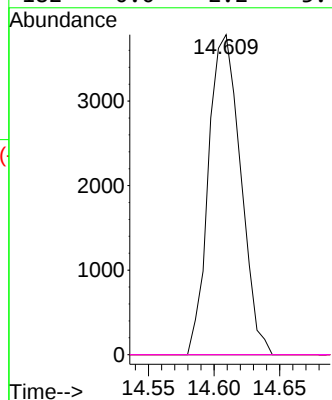
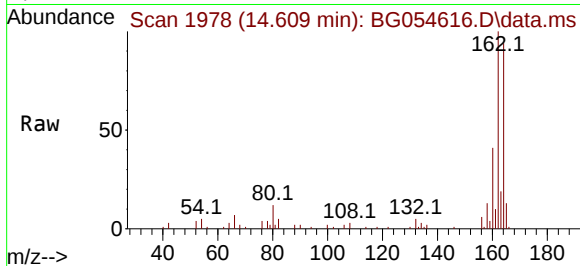




#57
2,4-Dinitrotoluene
Concen: 5.679 ng
RT: 14.609 min Scan# 14
Delta R.T. -0.386 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

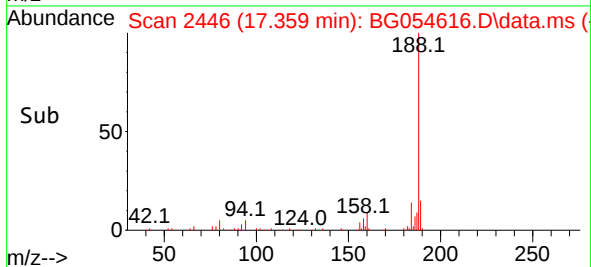
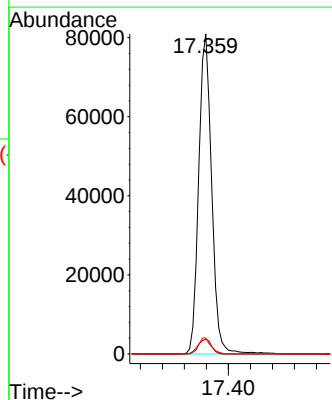
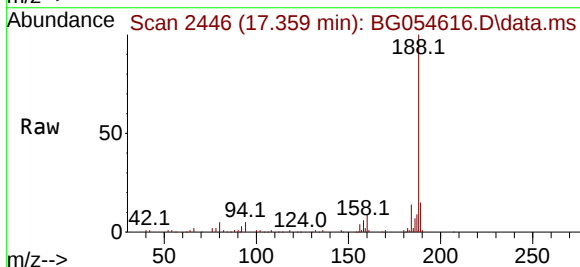
Instrument :
BNA_G
ClientSampleId :
PB146851BL

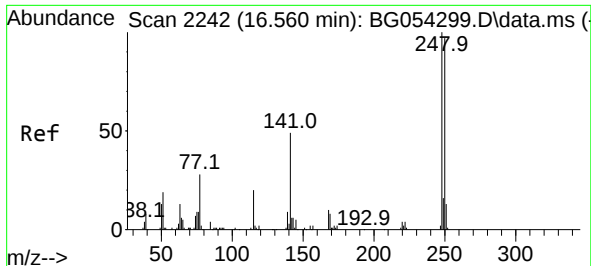
Tgt Ion:165 Resp: 6444
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

Tgt Ion:188 Resp: 131874
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.0 6.8 10.2#

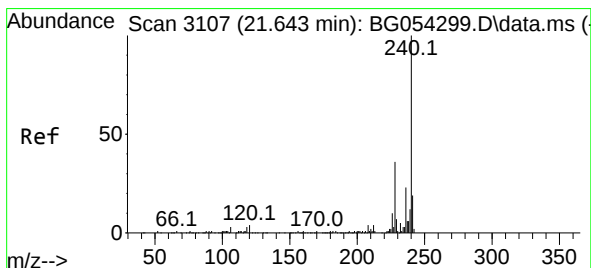
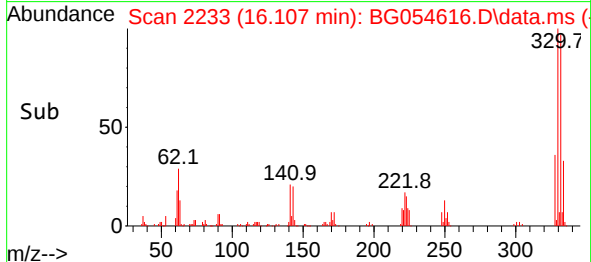
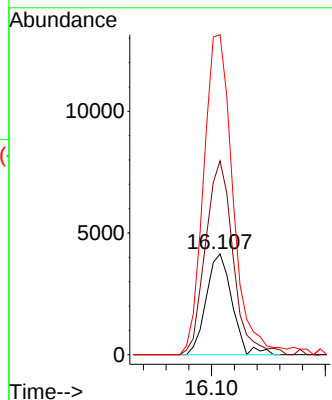
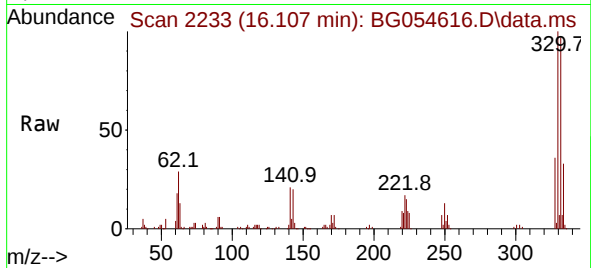




#67
4-Bromophenyl-phenylether
Concen: 3.514 ng
RT: 16.107 min Scan# 21
Delta R.T. -0.433 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

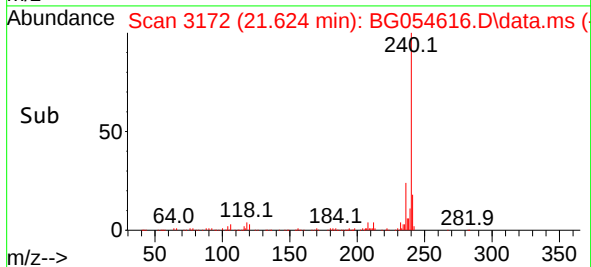
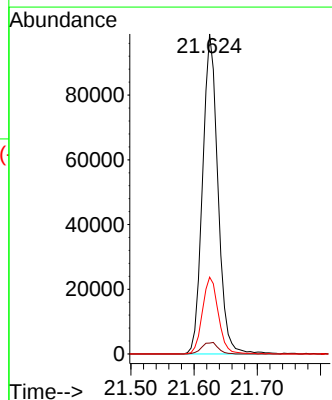
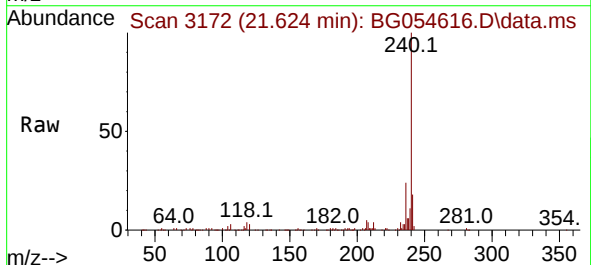
Instrument :
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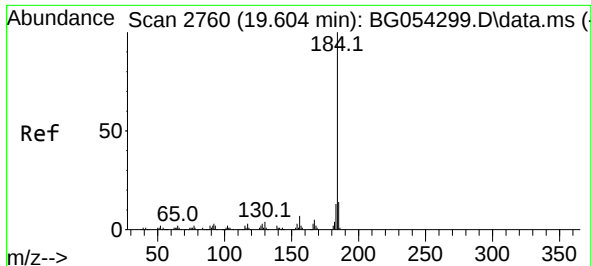
Tgt Ion:248 Resp: 6509
Ion Ratio Lower Upper
248 100
250 192.5 75.2 112.8#
141 317.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

Tgt Ion:240 Resp: 166751
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 24.0 20.2 30.4

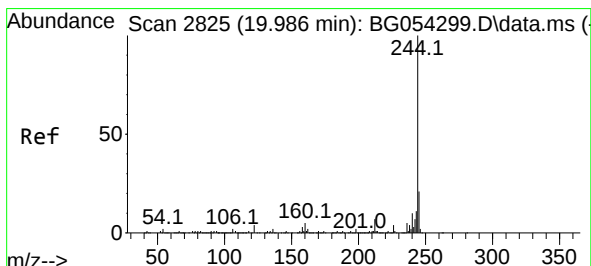
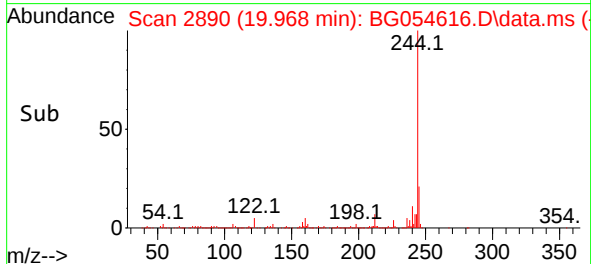
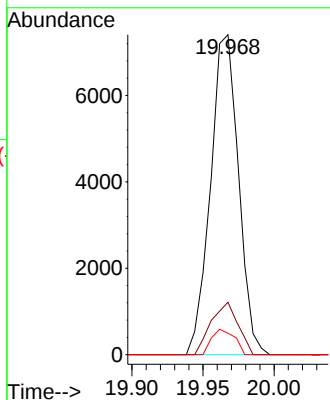
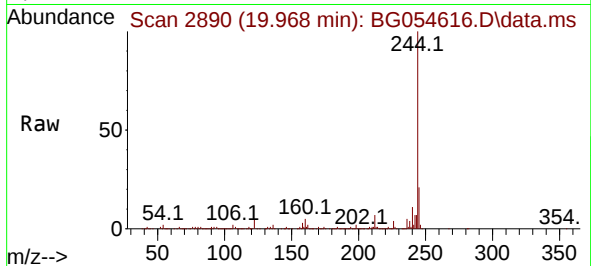




#77
Benzidine
Concen: 3.367 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.378 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

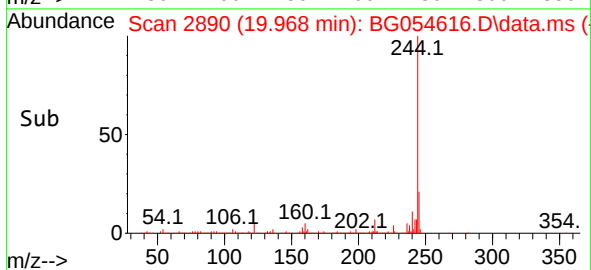
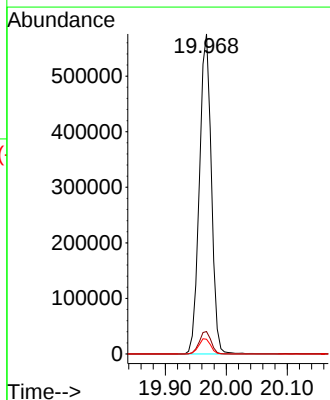
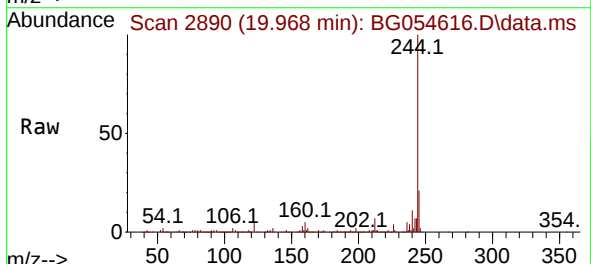
Instrument :
BNA_G
ClientSampleId :
PB146851BL

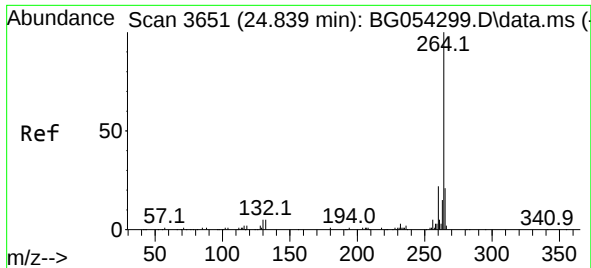
Tgt Ion:184 Resp: 10167
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 6.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 93.151 ng
RT: 19.968 min Scan# 2890
Delta R.T. 0.002 min
Lab File: BG054616.D
Acq: 12 Aug 2022 10:34

Tgt Ion:244 Resp: 782994
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 4.6 5.0 7.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.832 min Scan# 31
 Delta R.T. 0.008 min
 Lab File: BG054616.D
 Acq: 12 Aug 2022 10:34

Instrument :
 BNA_G
 ClientSampleId :
 PB146851BL

Tgt Ion:264 Resp: 169697
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.4 17.4 26.2

