

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
 Data File : BG054360.D
 Acq On : 22 Jul 2022 15:08
 Operator : CG/JU
 Sample : N3831-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-237

Quant Time: Jul 23 00:11:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

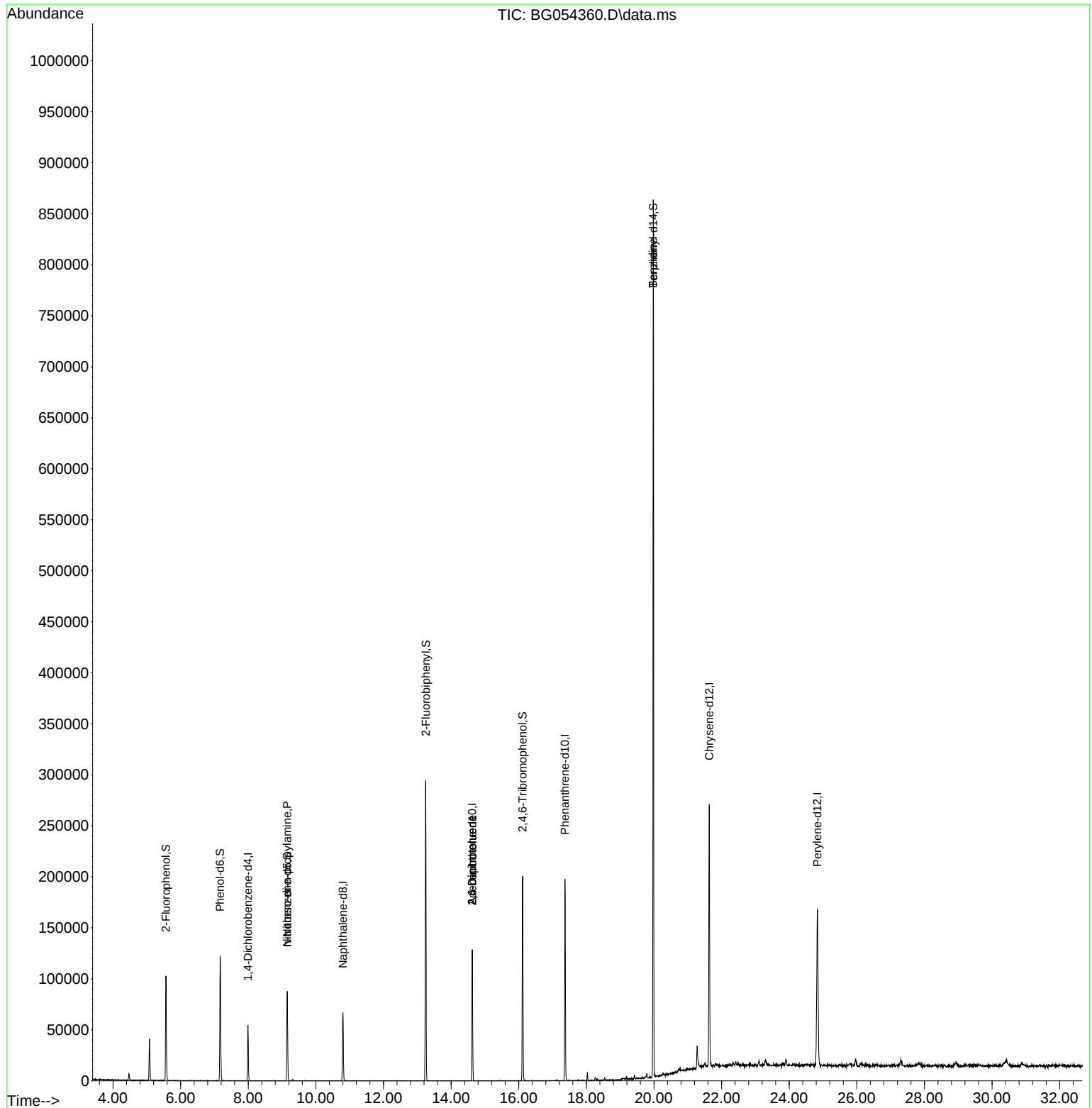
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	16571	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	61653	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	49720	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	141921	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	181573	20.000	ng	# 0.00
86) Perylene-d12	24.830	264	181001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.565	112	45373	57.168	ng	0.00
7) Phenol-d6	7.169	99	70426	64.758	ng	0.00
23) Nitrobenzene-d5	9.155	82	53242	47.028	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	56142	53.779	ng	0.00
45) 2-Fluorobiphenyl	13.250	172	177131	50.257	ng	0.00
79) Terphenyl-d14	19.983	244	506440	55.332	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.155	70	7556	10.404	ng	# 76
51) 2,6-Dinitrotoluene	14.625	165	6830	8.018	ng	# 16
57) 2,4-Dinitrotoluene	14.625	165	6830	5.593	ng	# 21
77) Benzidine	19.977	184	6615	2.012	ng	# 91

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

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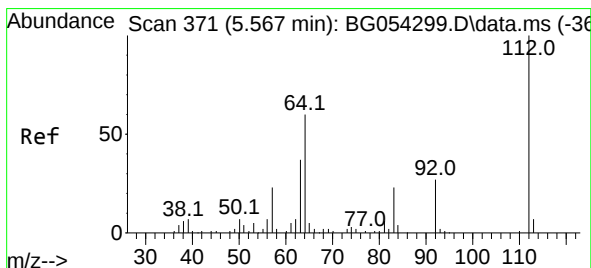
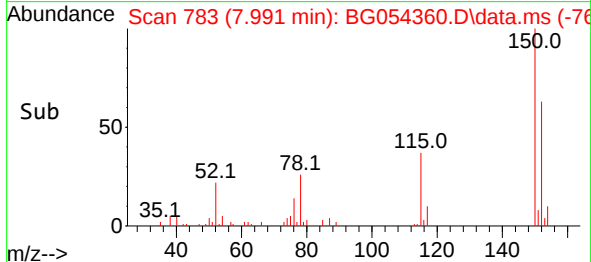
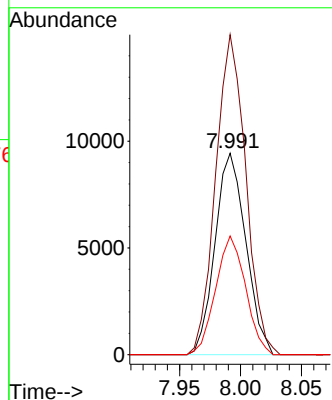
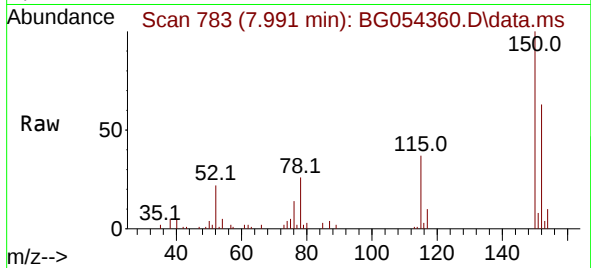




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.991 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

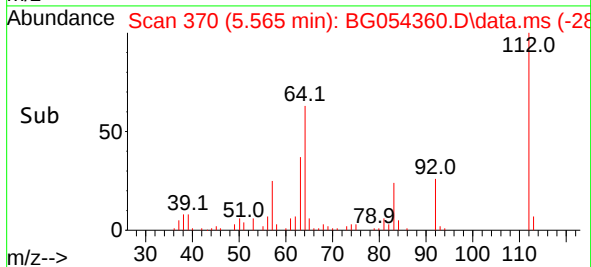
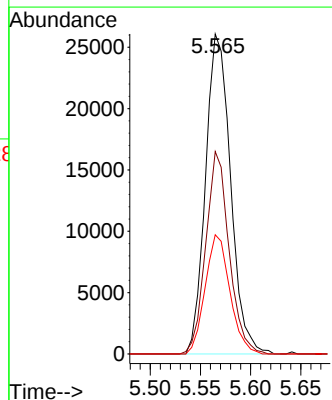
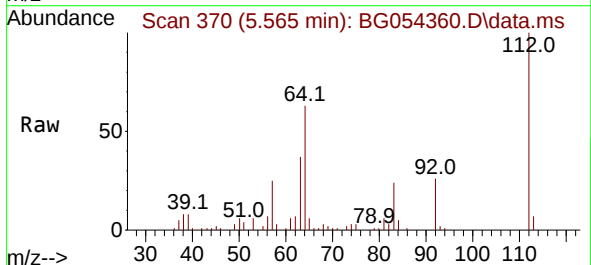
Instrument :
BNA_G
ClientSampleId :
VNJ-237

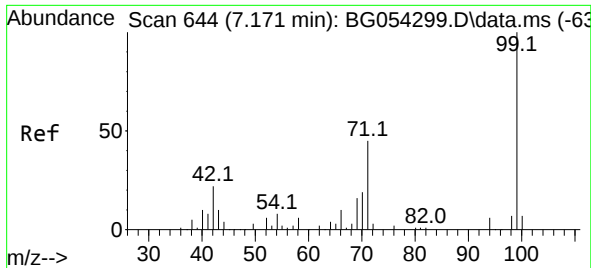
Tgt Ion:152 Resp: 16571
Ion Ratio Lower Upper
152 100
150 158.8 131.6 197.4
115 59.0 50.9 76.3



#5
2-Fluorophenol
Concen: 57.168 ng
RT: 5.565 min Scan# 370
Delta R.T. -0.003 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

Tgt Ion:112 Resp: 45373
Ion Ratio Lower Upper
112 100
64 63.2 55.1 82.7
63 37.2 30.4 45.6

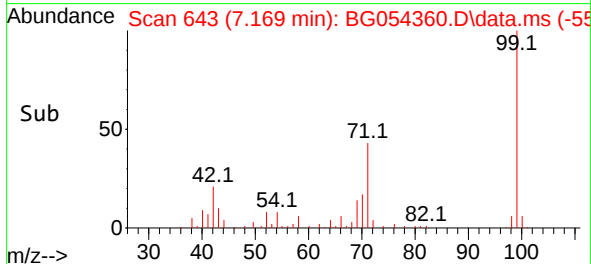
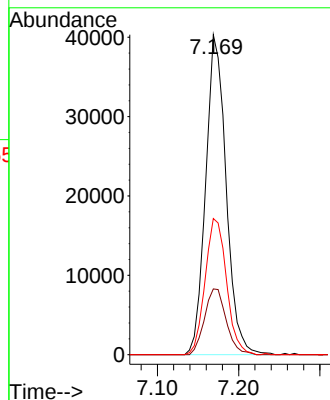
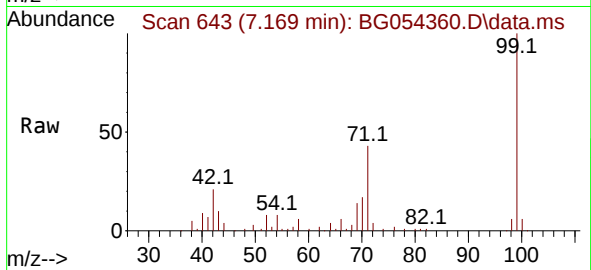




#7
Phenol-d6
Concen: 64.758 ng
RT: 7.169 min Scan# 64
Delta R.T. -0.003 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

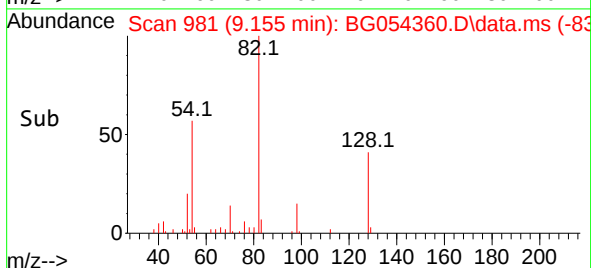
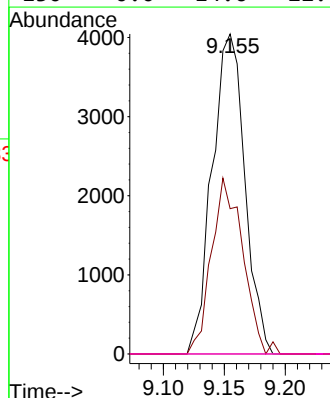
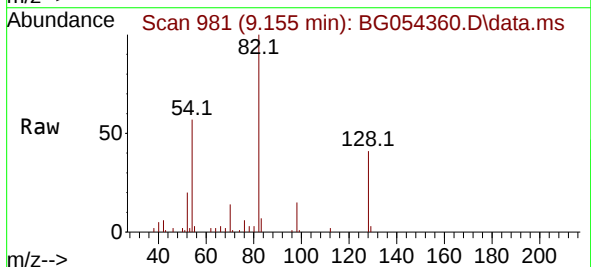
Instrument :
BNA_G
ClientSampleId :
VNJ-237

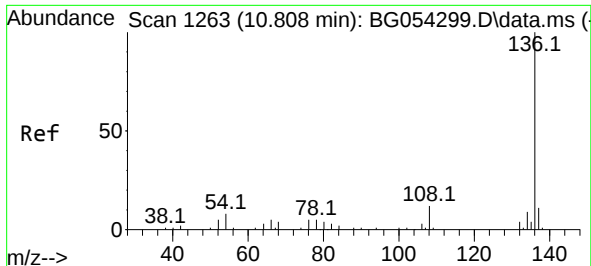
Tgt Ion: 99 Resp: 70426
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 42.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.404 ng
RT: 9.155 min Scan# 981
Delta R.T. 0.350 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

Tgt Ion: 70 Resp: 7556
Ion Ratio Lower Upper
70 100
42 45.4 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

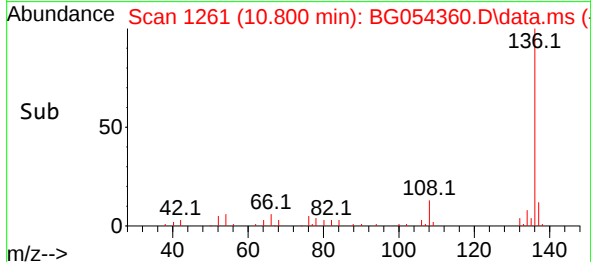
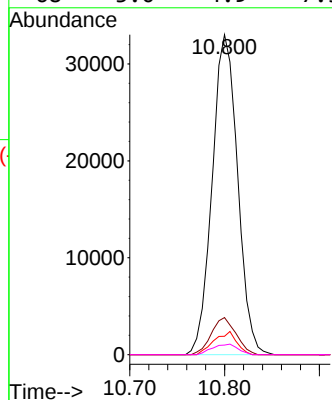
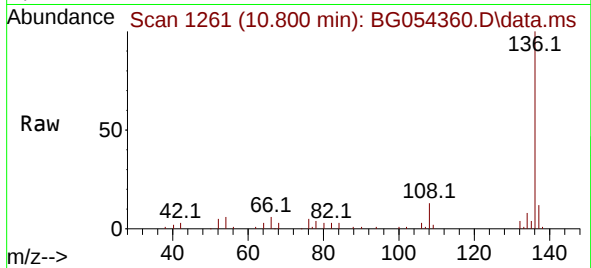




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

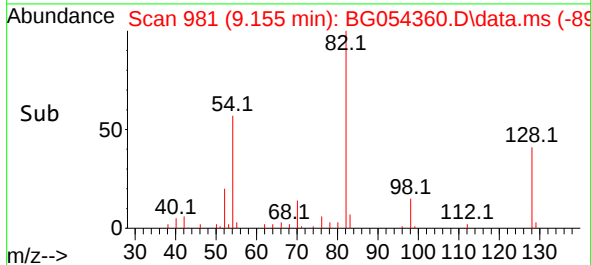
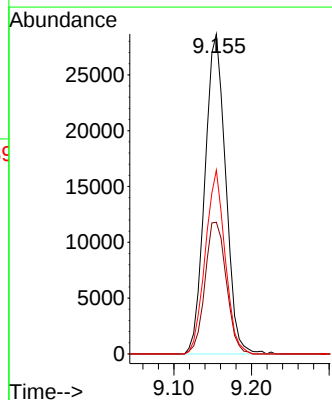
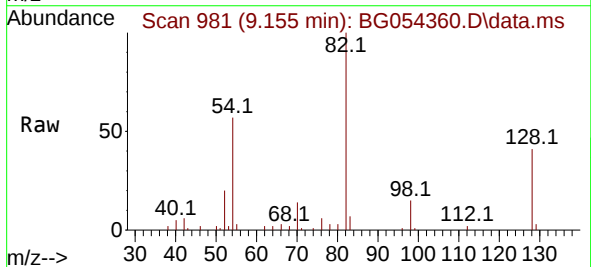
Instrument :
BNA_G
ClientSampleId :
VNJ-237

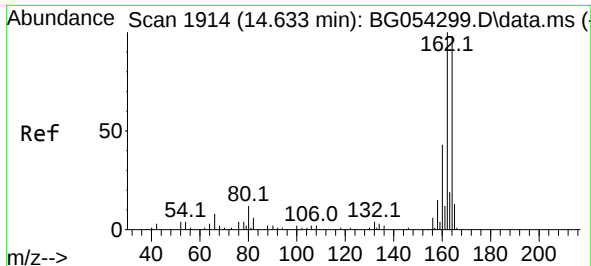
Tgt Ion:	136	Resp:	61653
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.5	12.7
54	5.7	7.4	11.2#
68	3.0	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 47.028 ng
RT: 9.155 min Scan# 981
Delta R.T. -0.008 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

Tgt Ion:	82	Resp:	53242
Ion Ratio	Lower	Upper	
82	100		
128	41.2	27.9	41.9
54	57.4	41.2	61.8

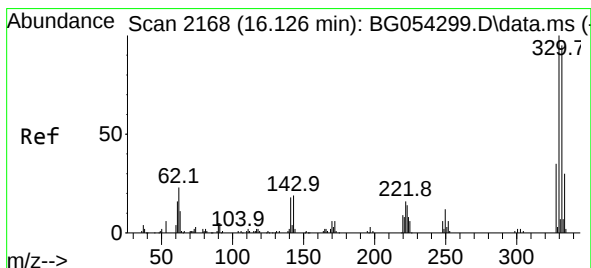
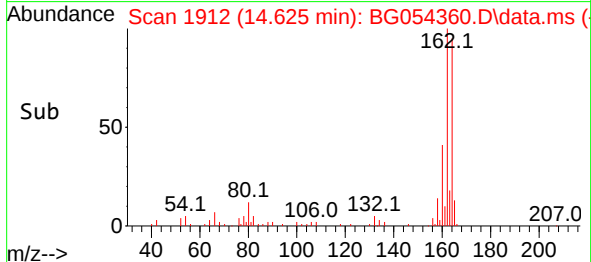
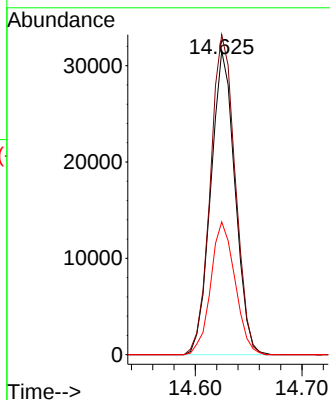
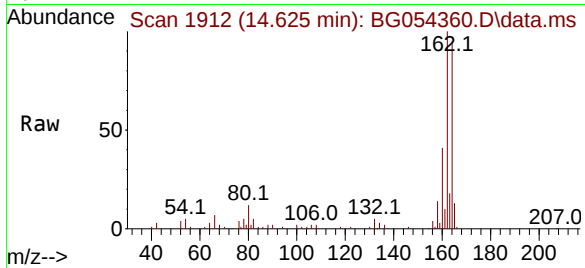




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1914
Delta R.T. -0.008 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

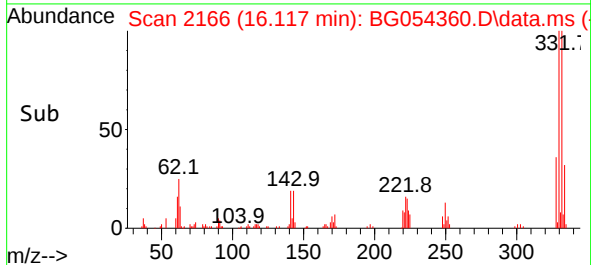
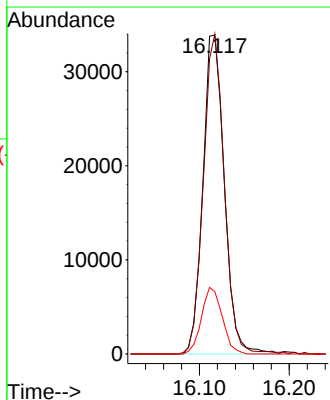
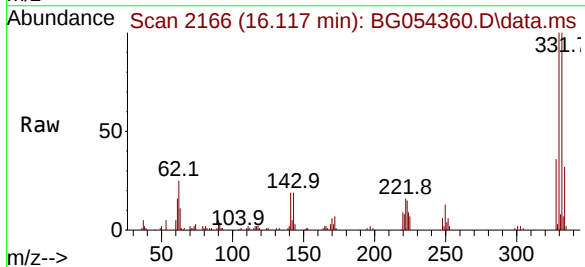
Instrument :
BNA_G
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VNJ-237

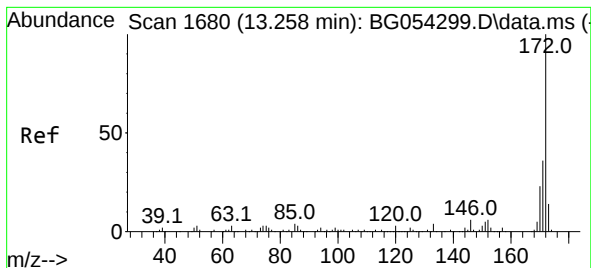
Tgt Ion:164 Resp: 49720
Ion Ratio Lower Upper
164 100
162 105.3 82.3 123.5
160 43.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 53.779 ng
RT: 16.117 min Scan# 2166
Delta R.T. -0.008 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

Tgt Ion:330 Resp: 56142
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 20.2 27.1 40.7#

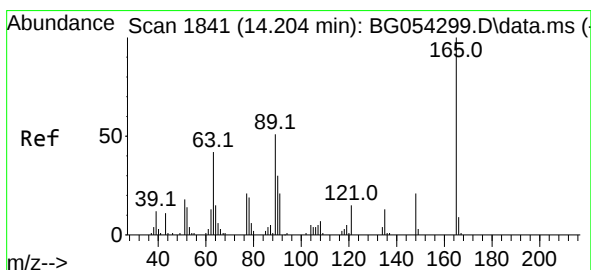
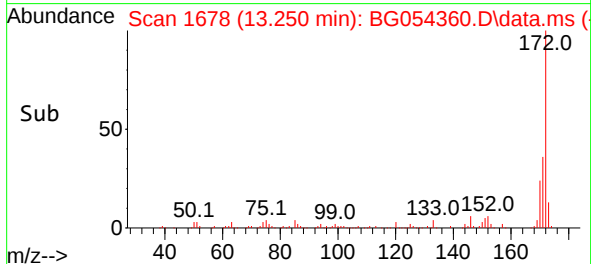
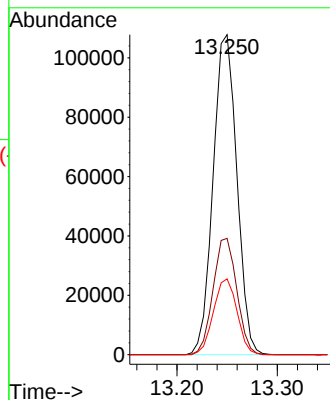
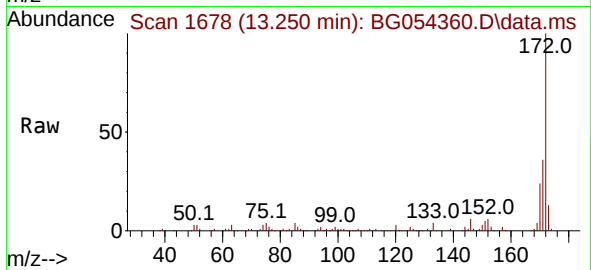




#45
2-Fluorobiphenyl
Concen: 50.257 ng
RT: 13.250 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

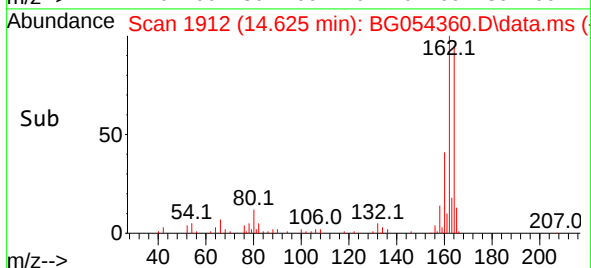
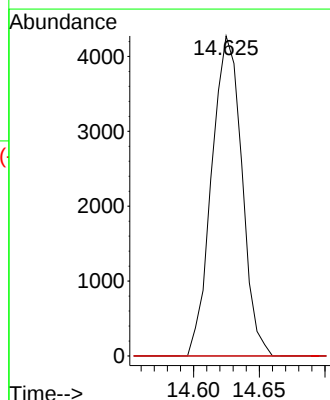
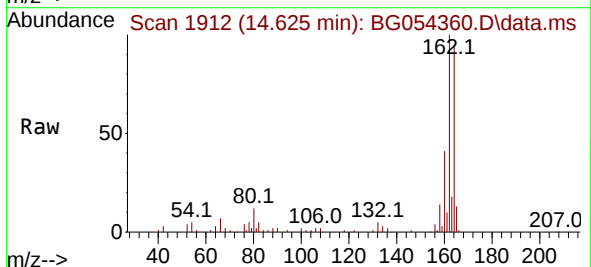
Instrument :
BNA_G
ClientSampleId :
VNJ-237

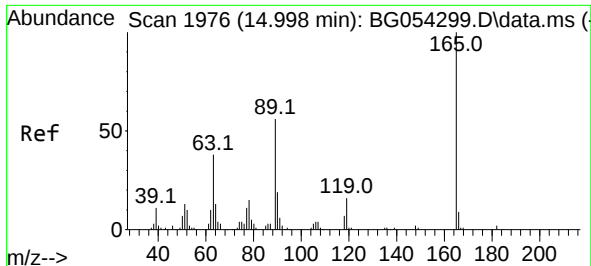
Tgt Ion:172 Resp: 177131
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.018 ng
RT: 14.625 min Scan# 1912
Delta R.T. 0.420 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

Tgt Ion:165 Resp: 6830
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

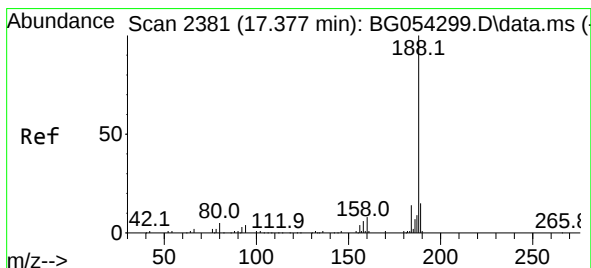
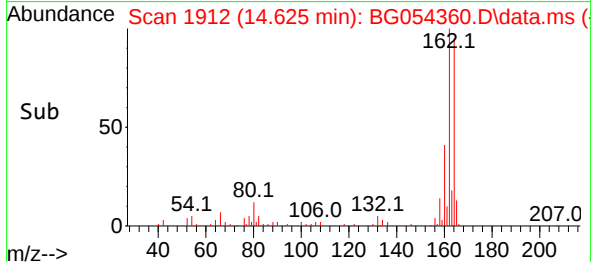
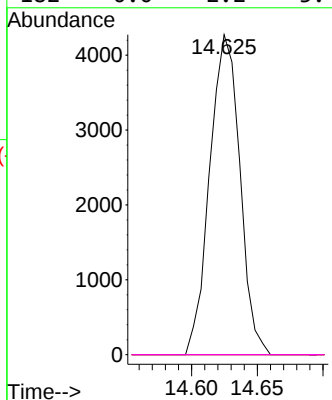
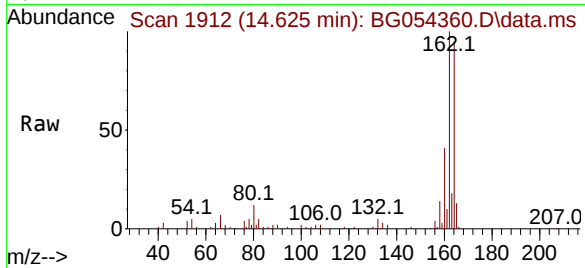




#57
 2,4-Dinitrotoluene
 Concen: 5.593 ng
 RT: 14.625 min Scan# 1912
 Delta R.T. -0.373 min
 Lab File: BG054360.D
 Acq: 22 Jul 2022 15:08

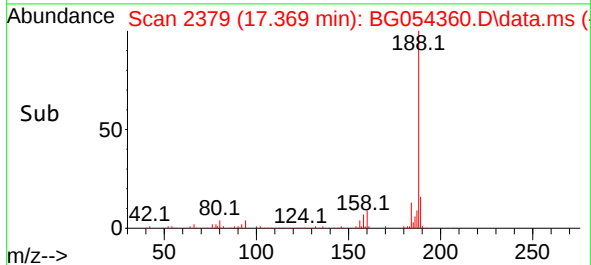
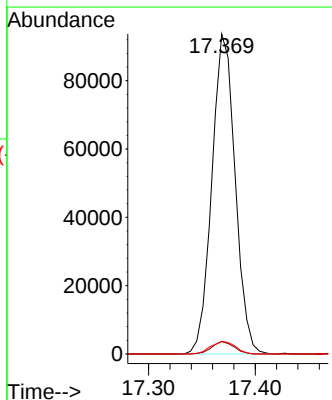
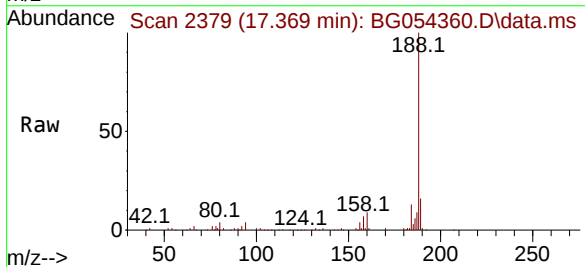
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 VNJ-237

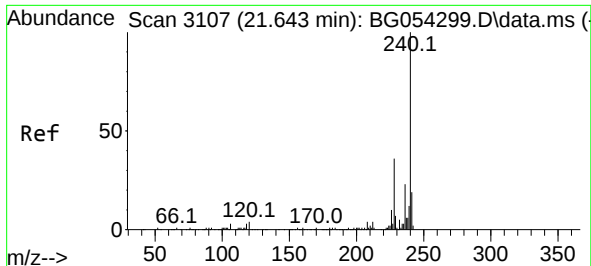
Tgt Ion:	165	Resp:	6830
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	0.0	60.3	90.5#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.369 min Scan# 2379
 Delta R.T. -0.008 min
 Lab File: BG054360.D
 Acq: 22 Jul 2022 15:08

Tgt Ion:	188	Resp:	141921
Ion	Ratio	Lower	Upper
188	100		
94	3.8	5.4	8.0#
80	3.9	6.8	10.2#

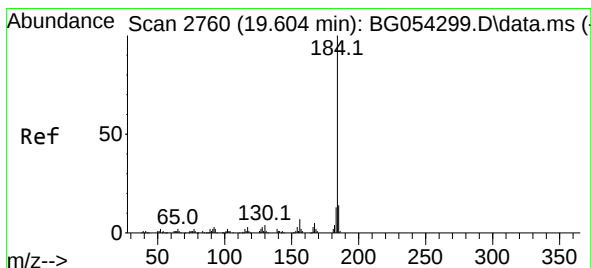
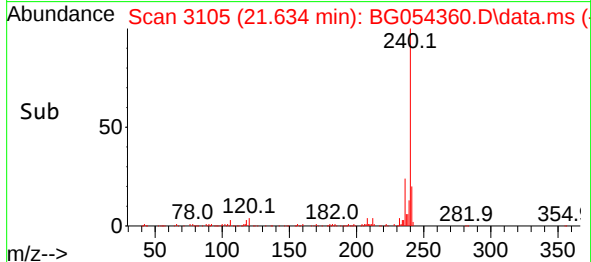
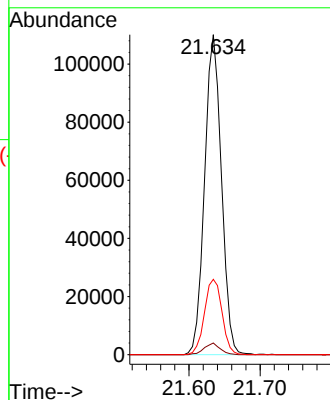
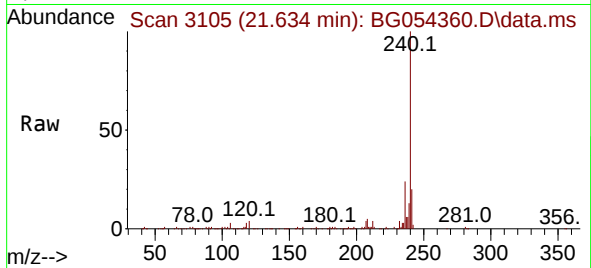




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

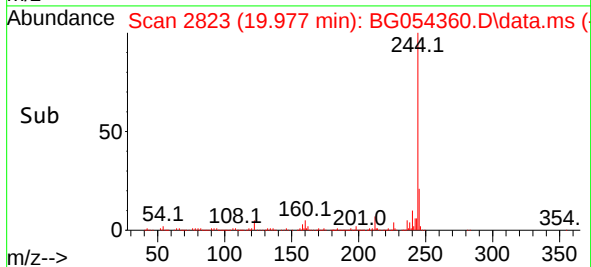
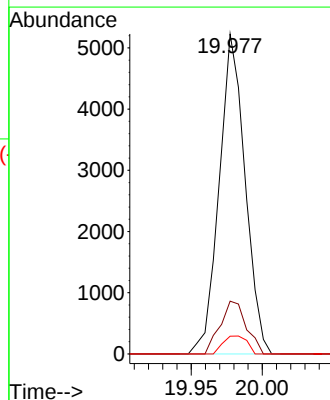
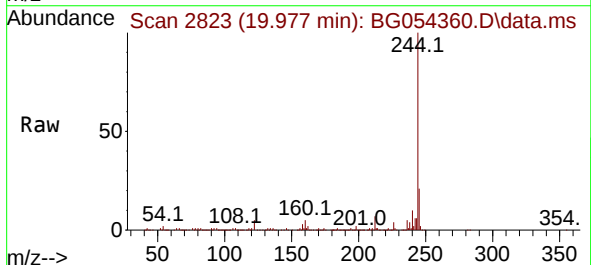
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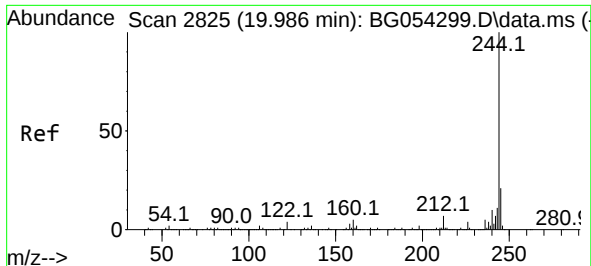
Tgt Ion:240 Resp: 181573
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 23.6 20.2 30.4



#77
Benzidine
Concen: 2.012 ng
RT: 19.977 min Scan# 2823
Delta R.T. 0.373 min
Lab File: BG054360.D
Acq: 22 Jul 2022 15:08

Tgt Ion:184 Resp: 6615
Ion Ratio Lower Upper
184 100
185 16.5 11.8 17.6
183 5.5 8.9 13.3#

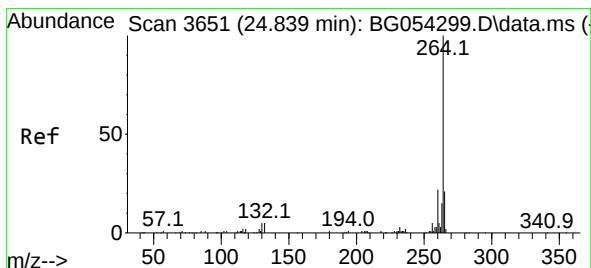
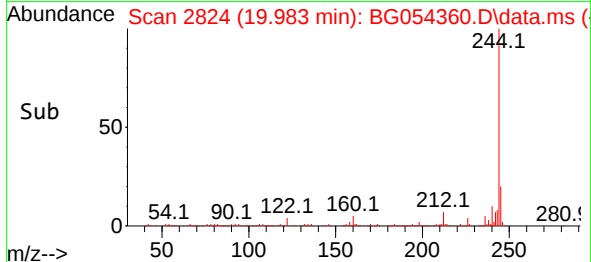
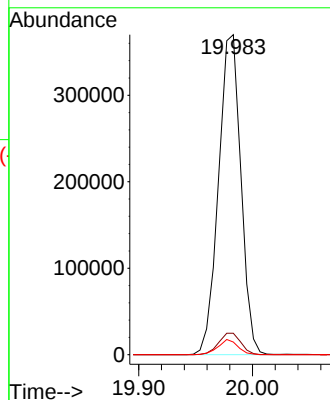
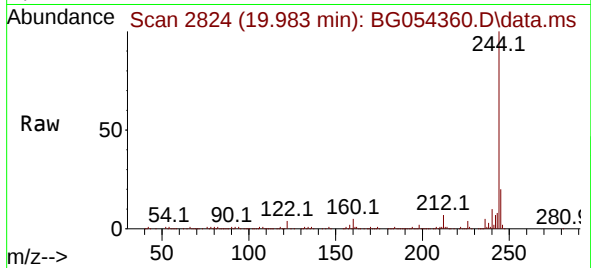




#79
 Terphenyl-d14
 Concen: 55.332 ng
 RT: 19.983 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054360.D
 Acq: 22 Jul 2022 15:08

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-237

Tgt Ion:244 Resp: 506440
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 3.9 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.830 min Scan# 3649
 Delta R.T. -0.008 min
 Lab File: BG054360.D
 Acq: 22 Jul 2022 15:08

Tgt Ion:264 Resp: 181001
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.4 17.4 26.2

