

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
 Data File : BN014779.D
 Acq On : 27 May 2021 00:08
 Operator : CG/JU
 Sample : M2411-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-838-840

Quant Time: May 27 06:55:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 01:39:07 2021
 Response via : Initial Calibration

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

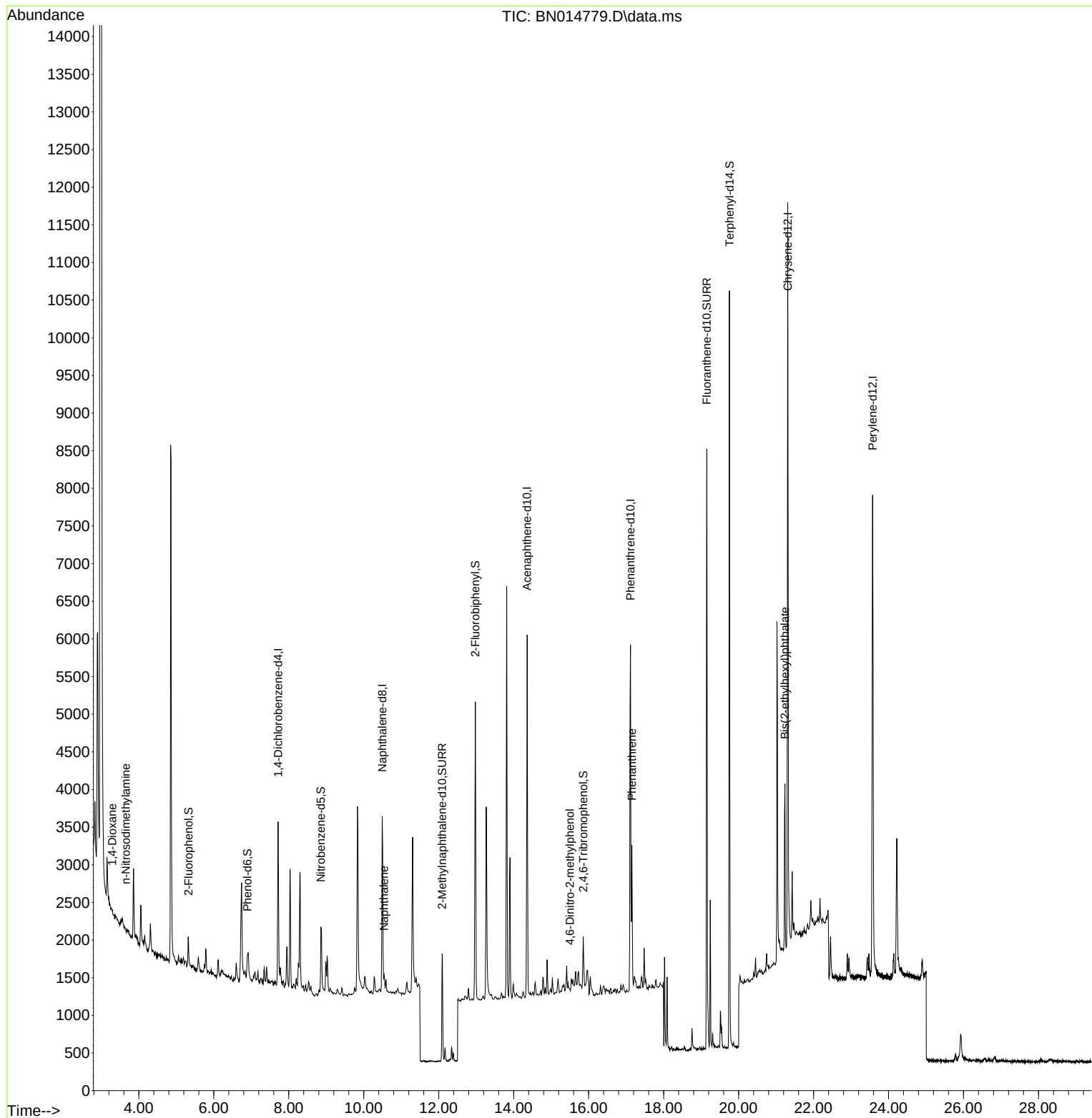
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	946	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	3375	0.40	ng	-0.01
13) Acenaphthene-d10	14.359	164	2690	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	6925	0.40	ng	# 0.00
29) Chrysene-d12	21.311	240	9738	0.40	ng	-0.01
35) Perylene-d12	23.575	264	9037	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	342	0.14	ng	0.00
5) Phenol-d6	6.895	99	274	0.08	ng	0.00
8) Nitrobenzene-d5	8.857	82	1127	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.093	152	2014	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	565	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	3368	0.34	ng	-0.01
27) Fluoranthene-d10	19.151	212	9481	0.35	ng	0.00
31) Terphenyl-d14	19.756	244	11155	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.295	88	29	0.03	ng	# 31
3) n-Nitrosodimethylamine	3.649	42	25	0.26	ng	# 1
9) Naphthalene	10.543	128	319	0.03	ng	# 66
20) 4,6-Dinitro-2-methylph...	15.501	198	4	0.03	ng	# 33
25) Phenanthrene	17.152	178	1898	0.09	ng	97
34) Bis(2-ethylhexyl)phtha...	21.237	149	2033	0.24	ng	98

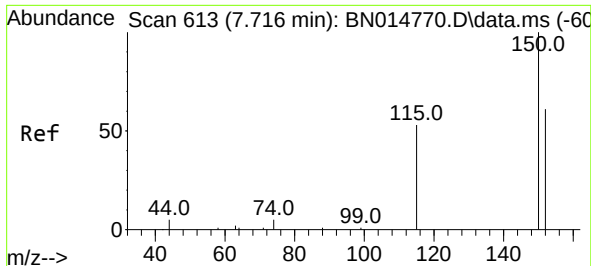
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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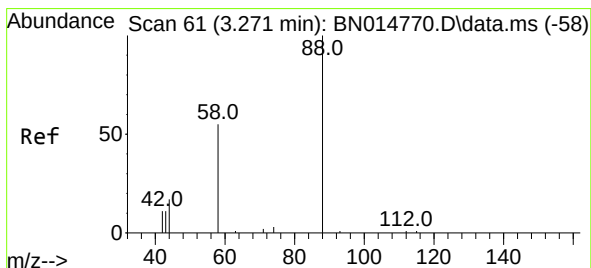
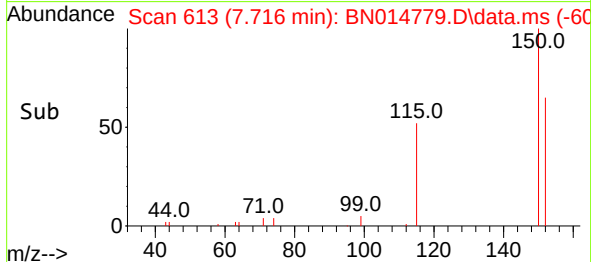
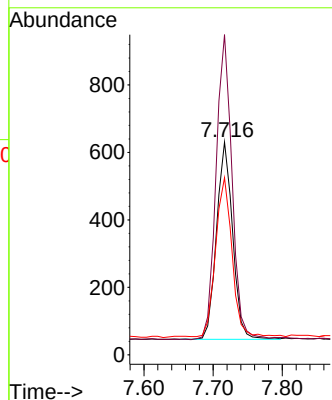
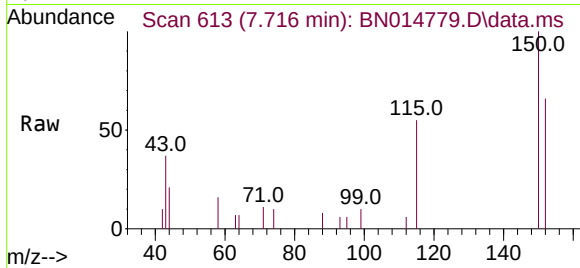




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.716 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: BN014779.D
 Acq: 27 May 2021 00:08

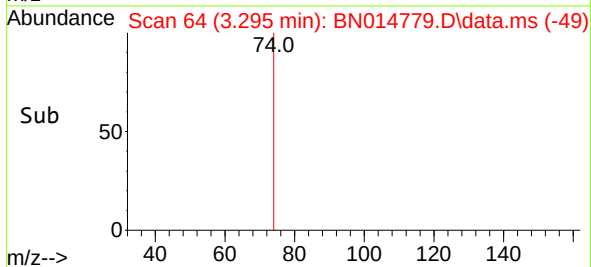
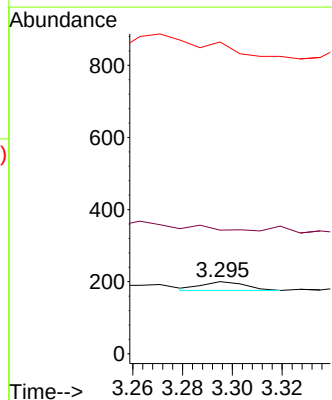
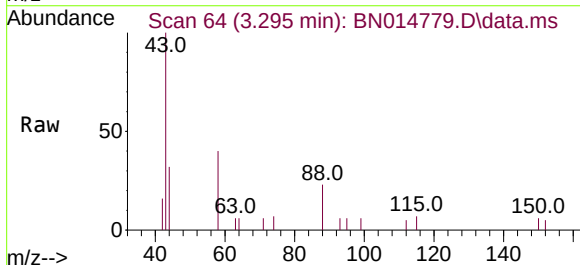
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-838-840

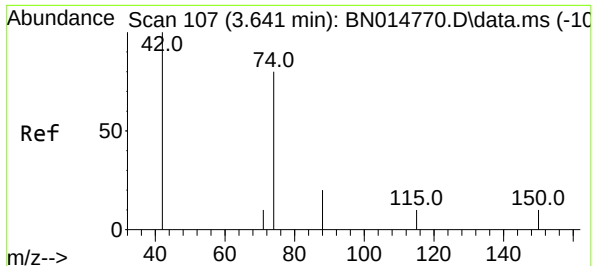
Tgt Ion:152 Resp: 946
 Ion Ratio Lower Upper
 152 100
 150 150.4 123.4 185.2
 115 83.2 73.2 109.8



#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.295 min Scan# 64
 Delta R.T. 0.024 min
 Lab File: BN014779.D
 Acq: 27 May 2021 00:08

Tgt Ion: 88 Resp: 29
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.7 67.1#
 43 0.0 21.0 31.6#



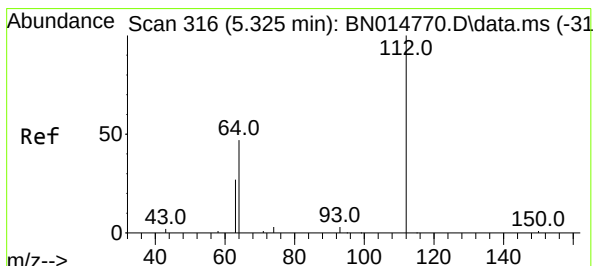
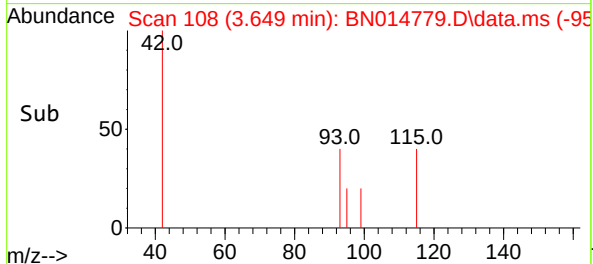
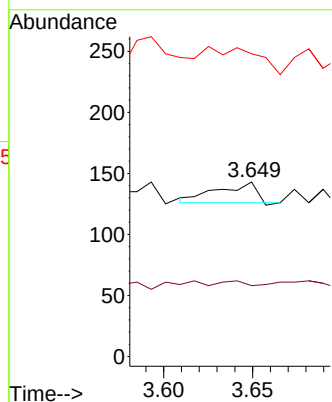
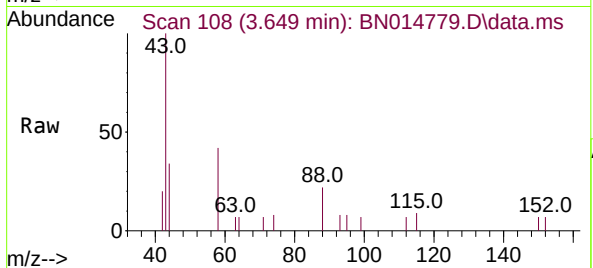


#3

n-Nitrosodimethylamine
Concen: 0.26 ng
RT: 3.649 min Scan# 108
Delta R.T. 0.008 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

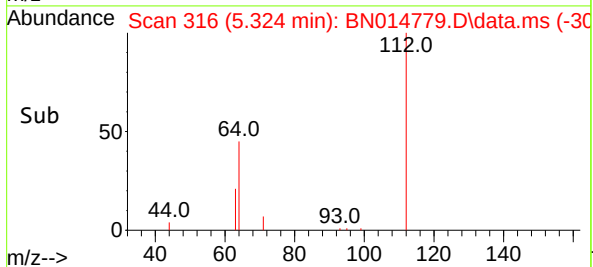
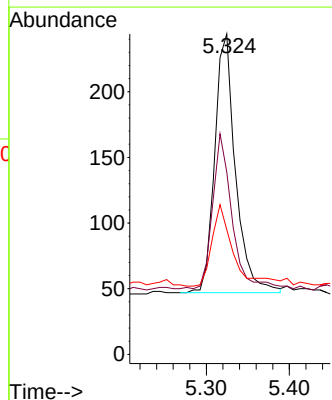
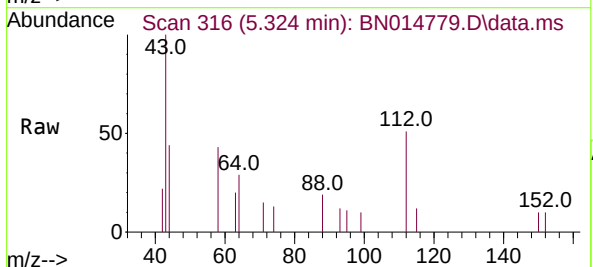
Tgt Ion: 42 Resp: 25
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 80.0 120.0#

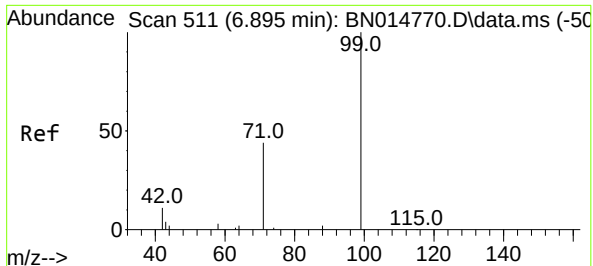


#4

2-Fluorophenol
Concen: 0.14 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Tgt Ion: 112 Resp: 342
Ion Ratio Lower Upper
112 100
64 55.3 43.6 65.4
63 32.5 25.0 37.6

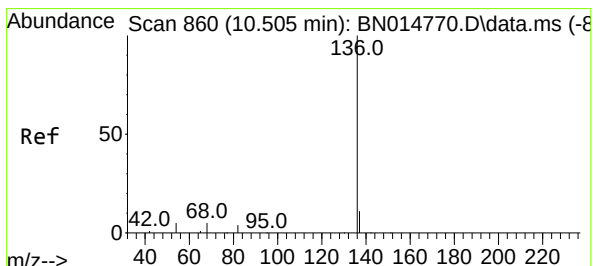
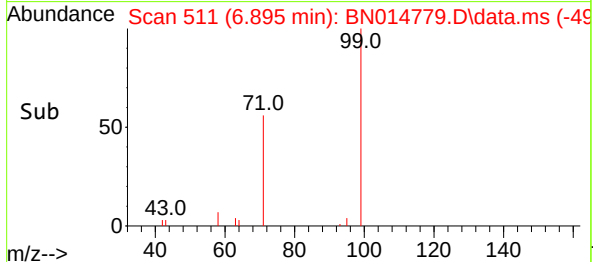
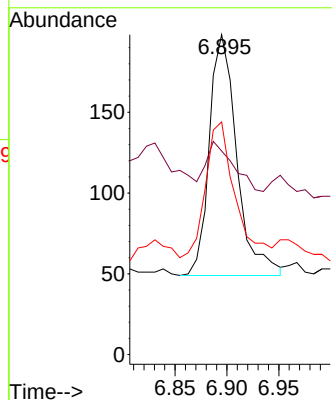
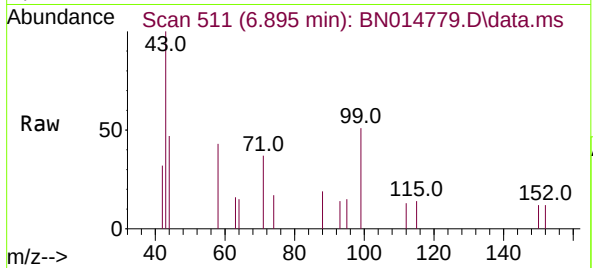




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

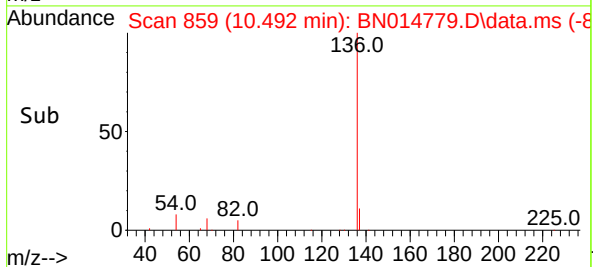
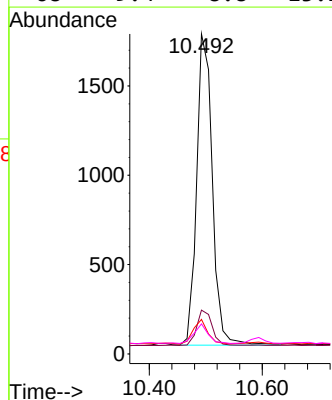
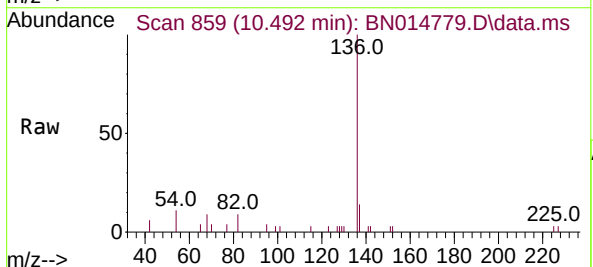
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

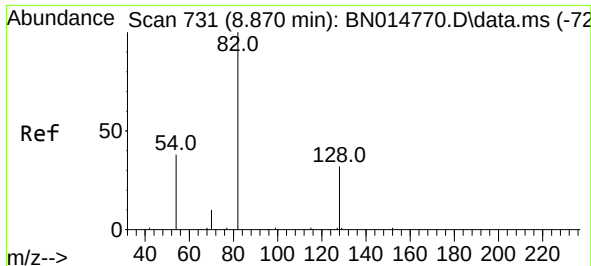
Tgt Ion: 99 Resp: 274
Ion Ratio Lower Upper
99 100
42 20.1 10.2 15.2#
71 59.5 32.4 48.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Tgt Ion:136 Resp: 3375
Ion Ratio Lower Upper
136 100
137 13.7 13.2 19.8
54 10.8 9.0 13.4
68 9.4 8.8 13.2

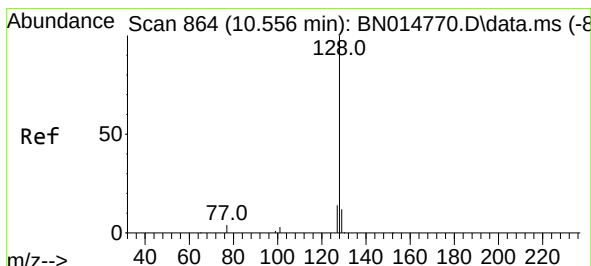
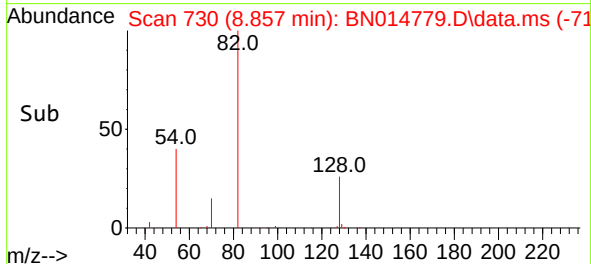
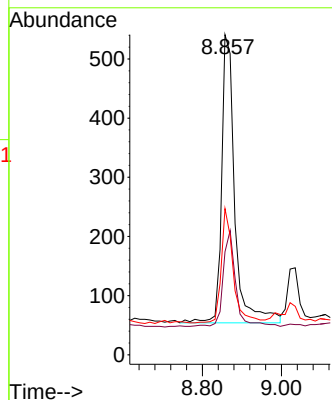
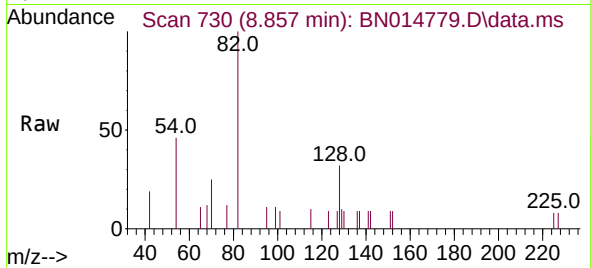




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.013 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

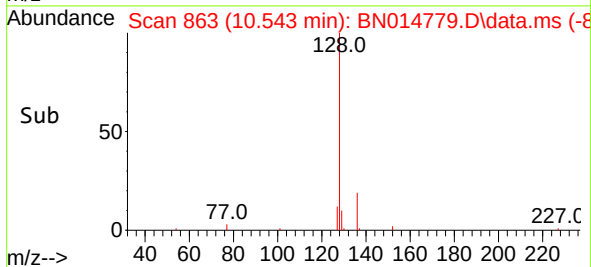
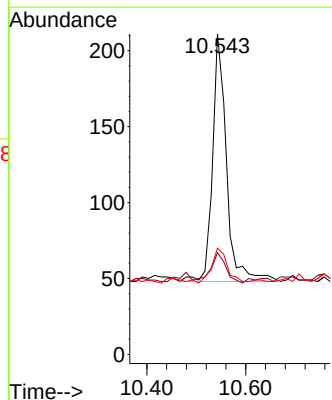
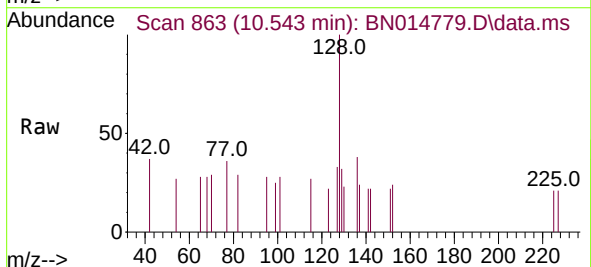
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

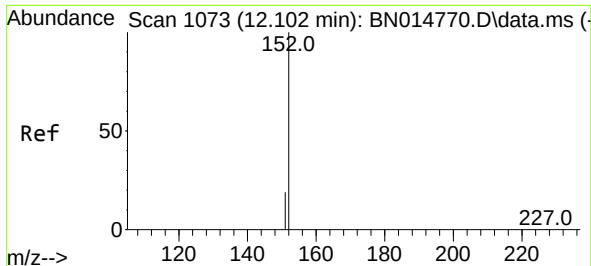
Tgt Ion: 82 Resp: 1127
Ion Ratio Lower Upper
82 100
128 32.2 34.2 51.2#
54 45.7 38.4 57.6



#9
Naphthalene
Concen: 0.03 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Tgt Ion: 128 Resp: 319
Ion Ratio Lower Upper
128 100
129 31.8 13.0 19.4#
127 33.2 15.0 22.6#

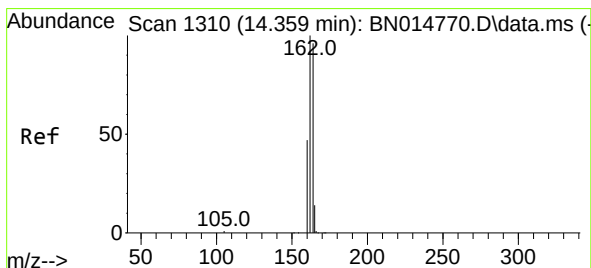
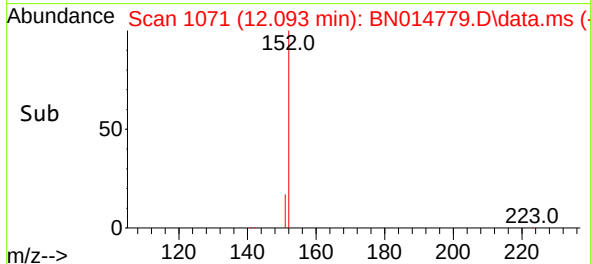
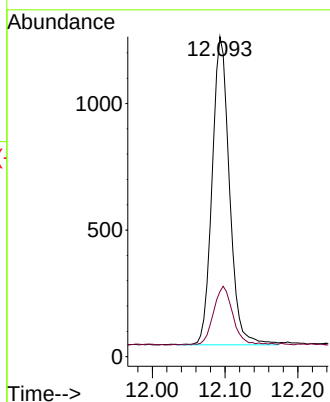
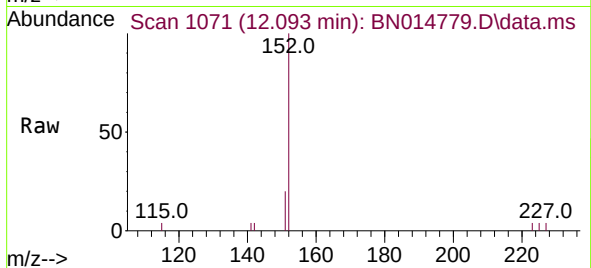




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

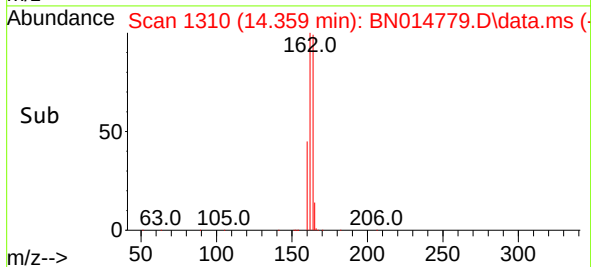
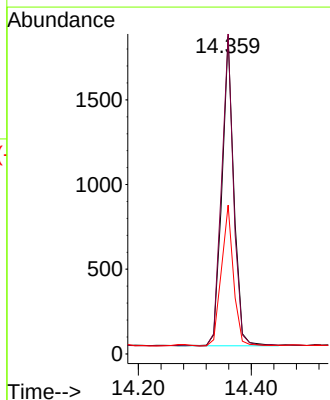
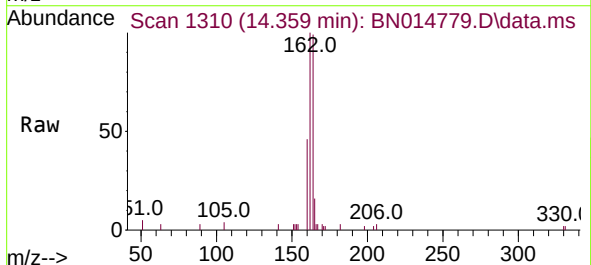
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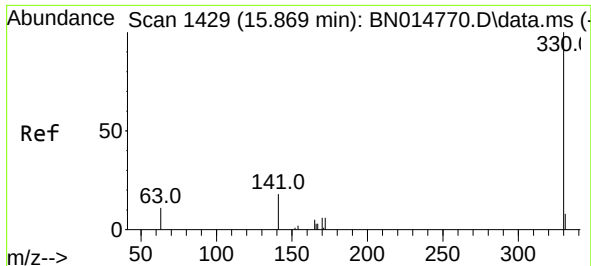
Tgt Ion:152 Resp: 2014
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Tgt Ion:164 Resp: 2690
Ion Ratio Lower Upper
164 100
162 100.8 83.2 124.8
160 46.9 41.8 62.6

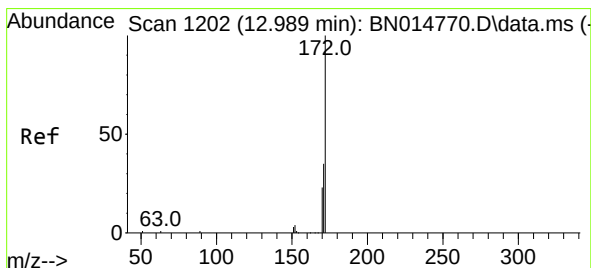
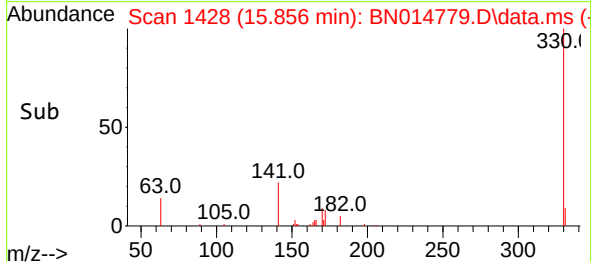
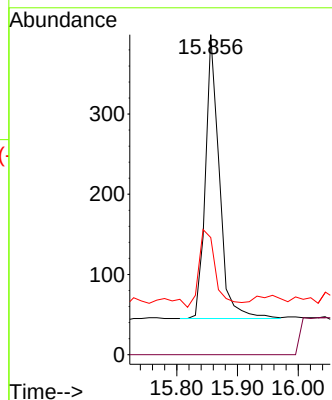
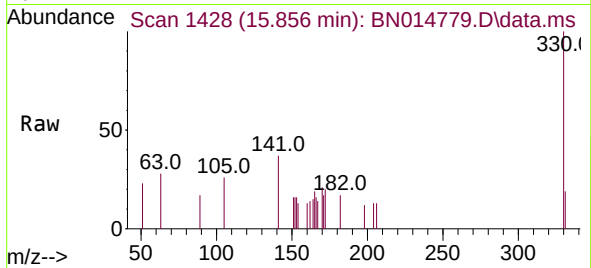




#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

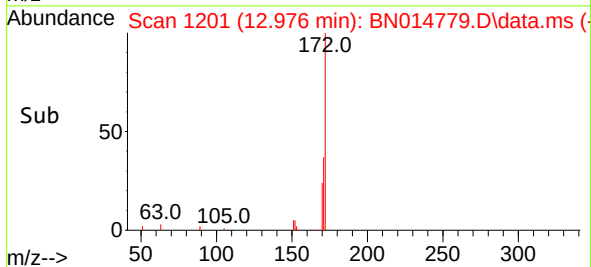
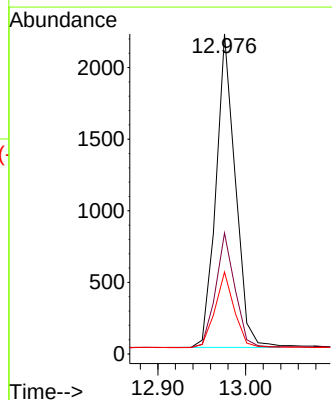
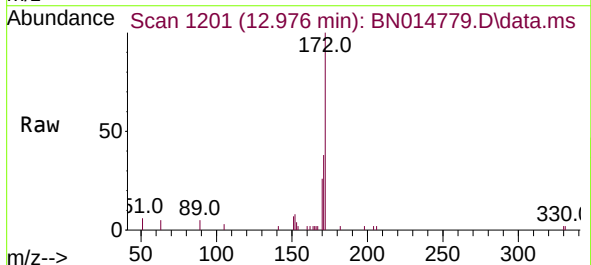
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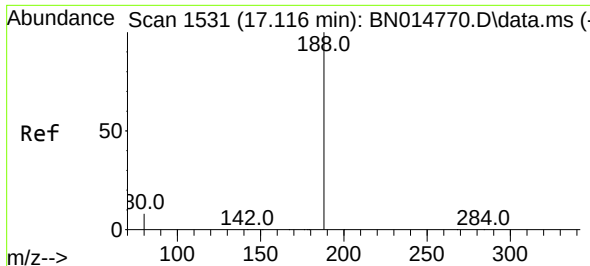
Tgt Ion: 330 Resp: 565
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 33.1 21.8 32.6#



#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Tgt Ion: 172 Resp: 3368
Ion Ratio Lower Upper
172 100
171 37.8 30.9 46.3
170 25.6 21.4 32.0

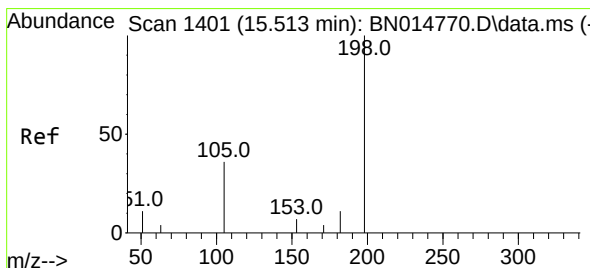
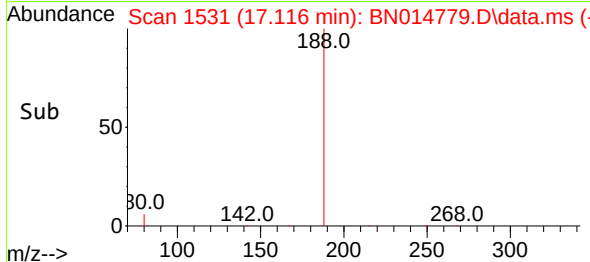
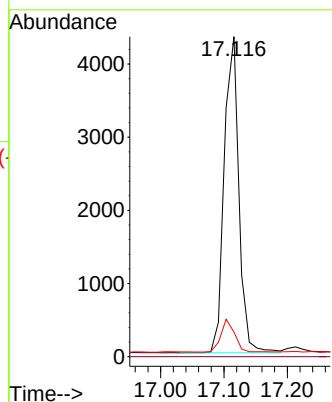
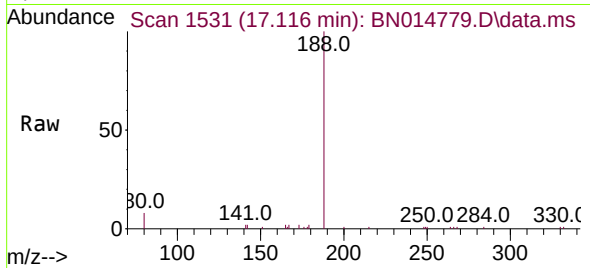




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

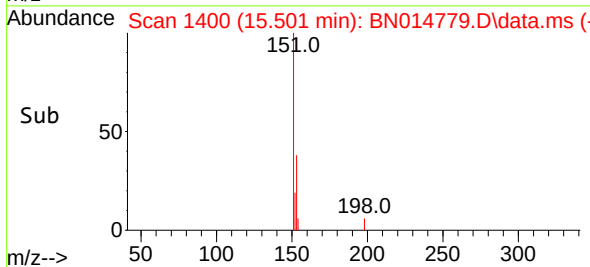
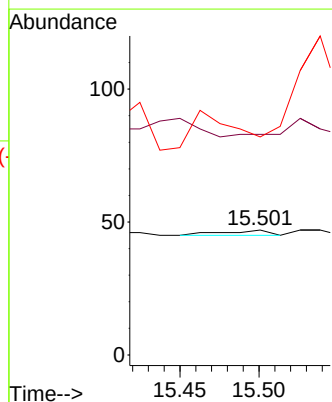
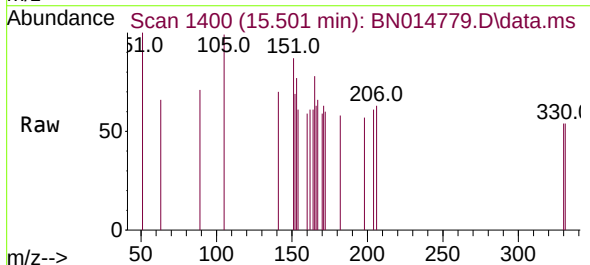
Instrument :
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BP-VPB-RW8-GW-838-840

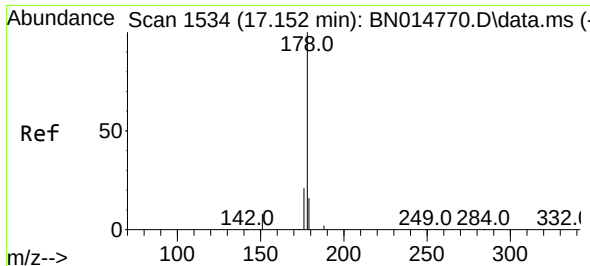
Tgt Ion:188 Resp: 6925
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 8.2 12.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng
RT: 15.501 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 176.6 96.4 144.6#
105 174.5 72.3 108.5#

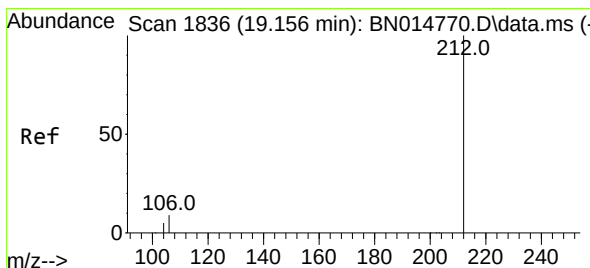
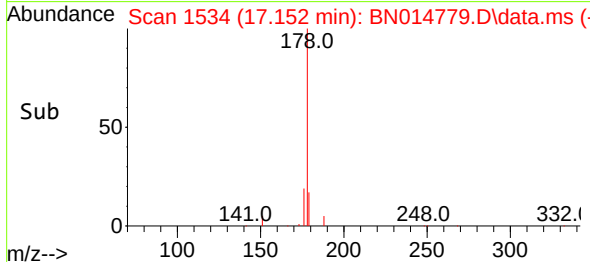
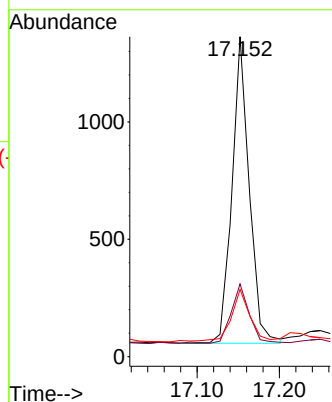
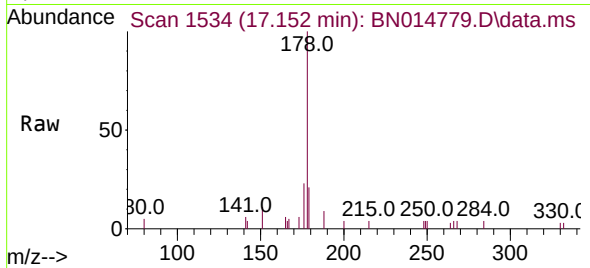




#25
Phenanthrene
Concen: 0.09 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

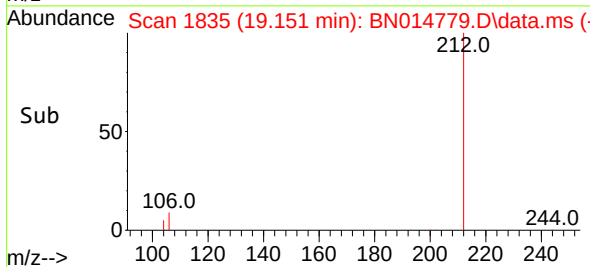
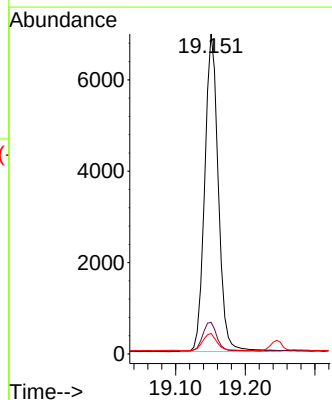
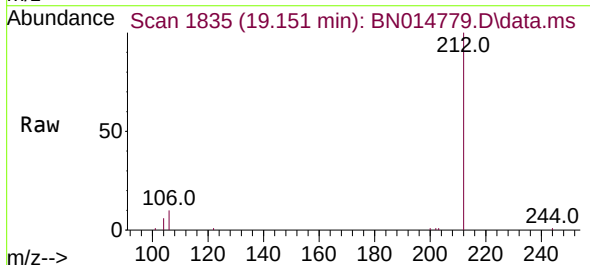
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

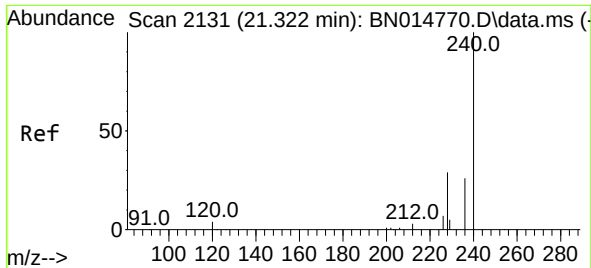
Tgt Ion:	178	Resp:	1898
Ion Ratio	Lower	Upper	
178	100		
176	20.2	16.0	24.0
179	18.9	12.6	19.0



#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Tgt Ion:	212	Resp:	9481
Ion Ratio	Lower	Upper	
212	100		
106	9.6	7.4	11.2
104	5.8	4.1	6.1

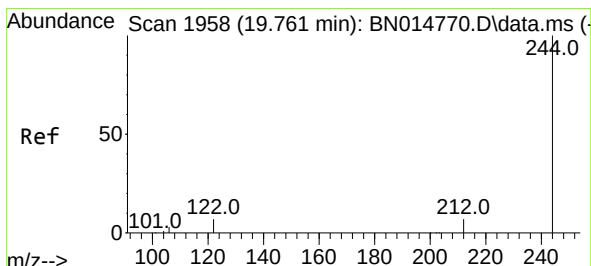
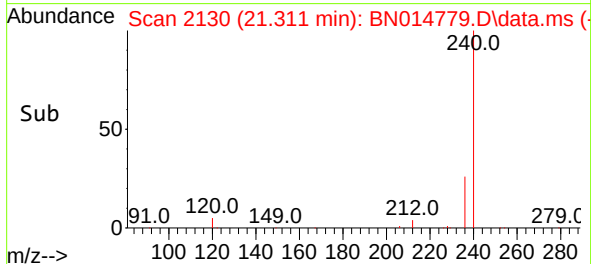
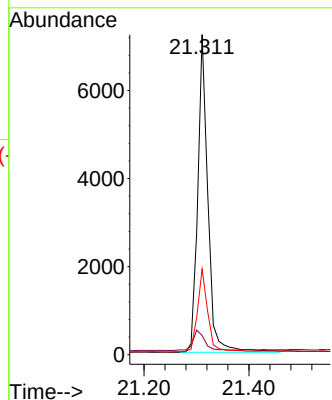
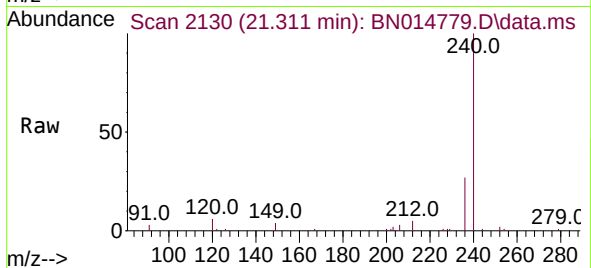




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

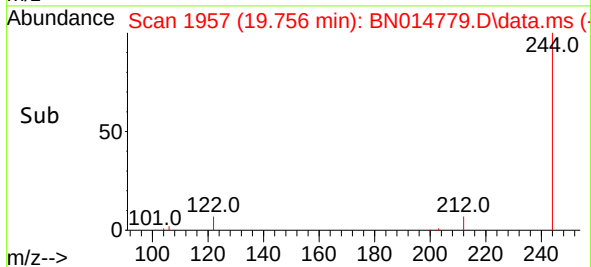
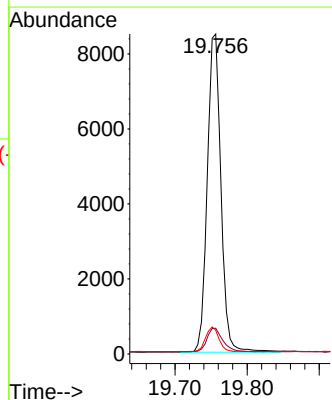
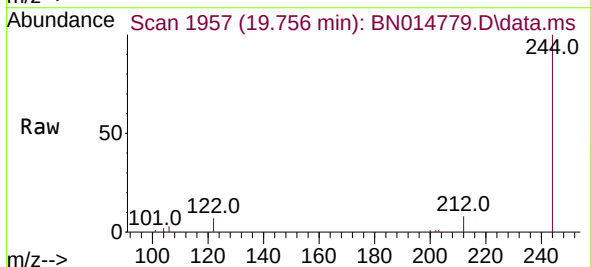
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-838-840

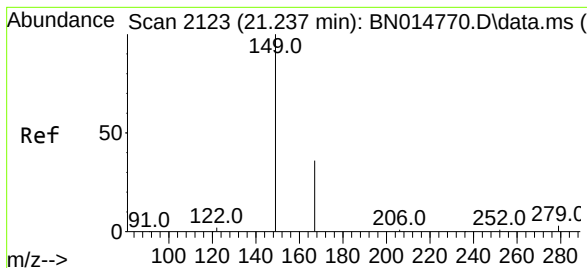
Tgt Ion:240 Resp: 9738
Ion Ratio Lower Upper
240 100
120 6.0 5.2 7.8
236 26.7 21.6 32.4



#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.756 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN014779.D
Acq: 27 May 2021 00:08

Tgt Ion:244 Resp: 11155
Ion Ratio Lower Upper
244 100
212 8.0 6.8 10.2
122 7.4 6.6 9.8

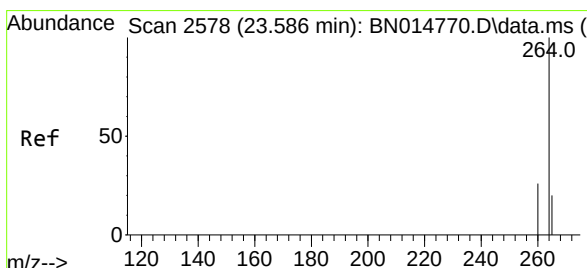
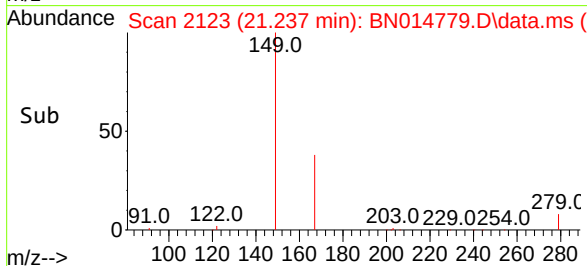
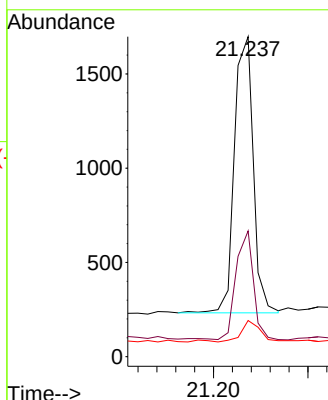
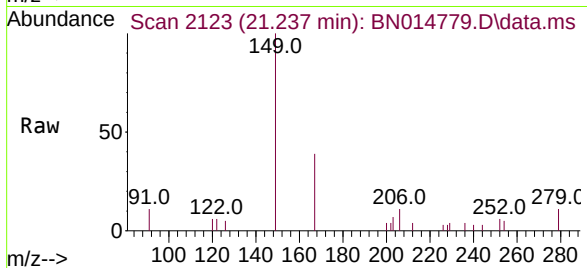




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.237 min Scan# 2123
 Delta R.T. -0.000 min
 Lab File: BN014779.D
 Acq: 27 May 2021 00:08

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-838-840

Tgt Ion:149	Resp:	2033
Ion Ratio	Lower	Upper
149	100	
167	36.5	28.3 42.5
279	7.7	5.5 8.3



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.575 min Scan# 2575
 Delta R.T. -0.010 min
 Lab File: BN014779.D
 Acq: 27 May 2021 00:08

Tgt Ion:264	Resp:	9037
Ion Ratio	Lower	Upper
264	100	
260	26.1	21.4 32.2
265	39.1	40.9 61.3#

