

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051021\
 Data File : BN014559.D
 Acq On : 10 May 2021 16:11
 Operator : CG/JU
 Sample : M2333-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-658-660

Quant Time: May 10 16:49:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 17:32:10 2021
 Response via : Initial Calibration

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

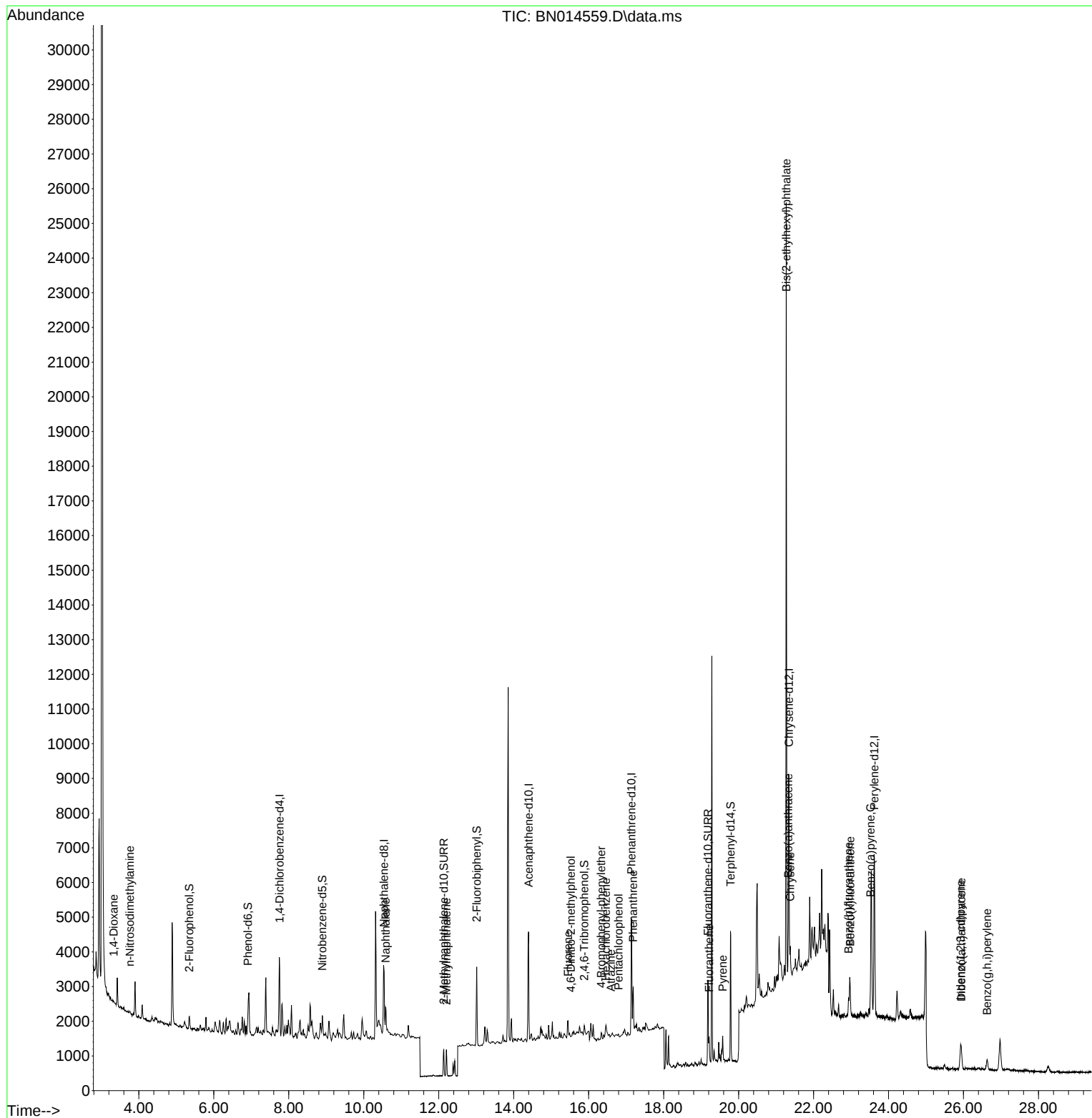
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	793	0.40	ng	# 0.00
7) Naphthalene-d8	10.543	136	2866	0.40	ng	# 0.00
13) Acenaphthene-d10	14.397	164	1963	0.40	ng	0.00
19) Phenanthrene-d10	17.141	188	4475	0.40	ng	#-0.01
29) Chrysene-d12	21.346	240	5952	0.40	ng	0.00
35) Perylene-d12	23.619	264	5981	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.349	112	295	0.13	ng	0.00
5) Phenol-d6	6.911	99	384	0.12	ng	0.00
8) Nitrobenzene-d5	8.895	82	734	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.133	152	1017	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	161	0.18	ng	-0.01
15) 2-Fluorobiphenyl	13.014	172	1790	0.25	ng	-0.01
27) Fluoranthene-d10	19.183	212	2820	0.15	ng	0.00
31) Terphenyl-d14	19.784	244	3837	0.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.327	88	67	0.07	ng	# 32
3) n-Nitrosodimethylamine	3.762	42	29	0.08	ng	# 1
9) Naphthalene	10.581	128	1554	0.20	ng	# 79
12) 2-Methylnaphthalene	12.204	142	478	0.09	ng	# 79
18) Fluorene	15.450	166	291	0.04	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.526	198	9	0.22	ng	# 1
21) 4-Bromophenyl-phenylether	16.337	248	69	0.02	ng	# 57
22) Hexachlorobenzene	16.459	284	60	0.02	ng	# 23
23) Atrazine	16.593	200	41	0.02	ng	# 1
24) Pentachlorophenol	16.800	266	38	0.04	ng	# 58
25) Phenanthrene	17.189	178	1777	0.15	ng	# 96
28) Fluoranthene	19.213	202	668	0.04	ng	# 84
30) Pyrene	19.576	202	674	0.04	ng	# 84
32) Benzo(a)anthracene	21.324	228	513	0.03	ng	# 62
33) Chrysene	21.377	228	672	0.04	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.271	149	16305	2.54	ng	# 78
36) Indeno(1,2,3-cd)pyrene	25.923	276	743	0.03	ng	# 76
37) Benzo(b)fluoranthene	22.935	252	674	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.979	252	680	0.04	ng	# 1
39) Benzo(a)pyrene	23.523	252	617	0.04	ng	# 1
40) Dibenzo(a,h)anthracene	25.940	278	536	0.03	ng	# 1
41) Benzo(g,h,i)perylene	26.628	276	651	0.03	ng	# 58

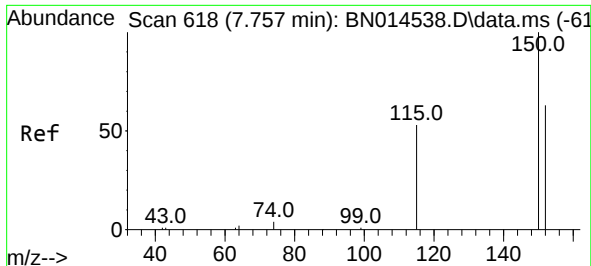
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051021\
Data File : BN014559.D
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Sample : M2333-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

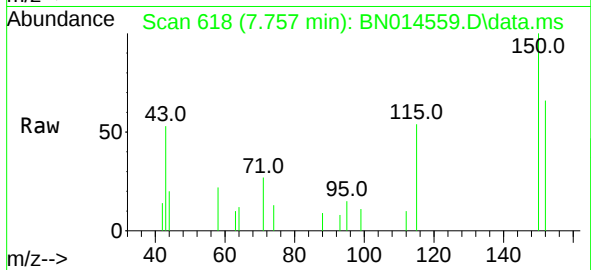
Quant Time: May 10 16:49:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
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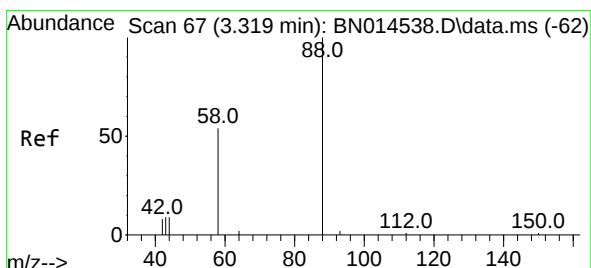
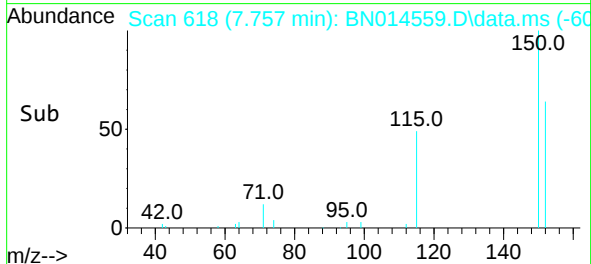
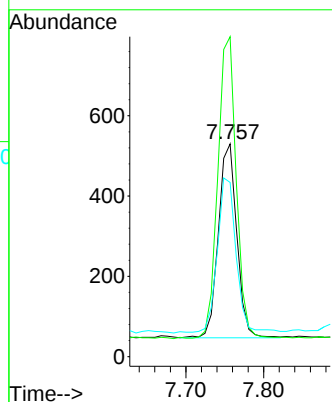


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.757 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

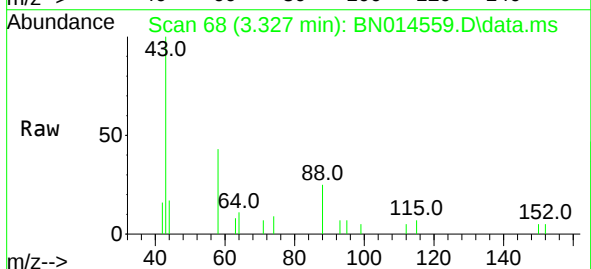
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660



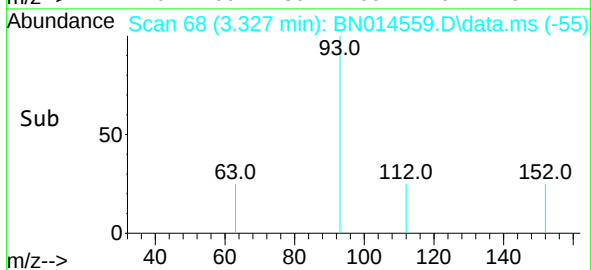
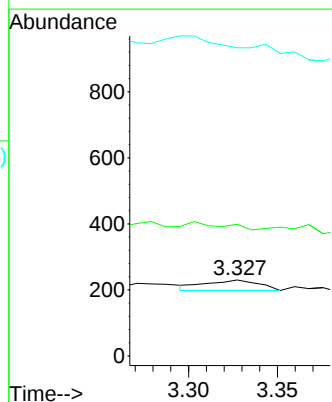
Tgt Ion:152 Resp: 793
Ion Ratio Lower Upper
152 100
150 150.4 123.8 185.8
115 81.9 47.0 70.4#

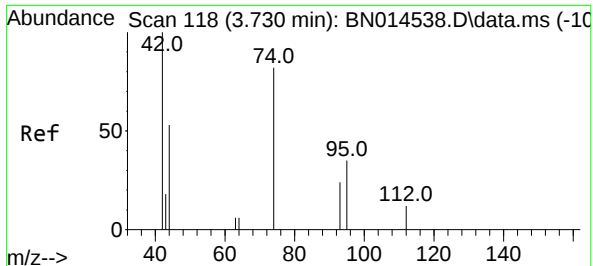


#2
1,4-Dioxane
Concen: 0.07 ng
RT: 3.327 min Scan# 68
Delta R.T. 0.008 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11



Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
58 0.0 44.4 66.6#
43 0.0 15.9 23.9#





#3

n-Nitrosodimethylamine

Concen: 0.08 ng

RT: 3.762 min Scan# 122

Delta R.T. 0.032 min

Lab File: BN014559.D

Acq: 10 May 2021 16:11

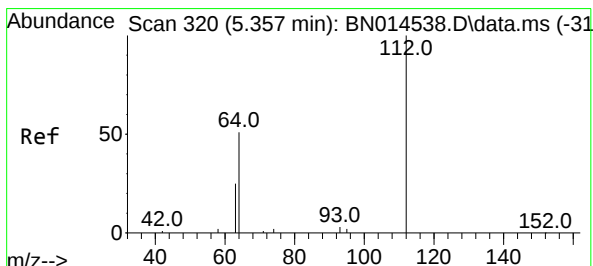
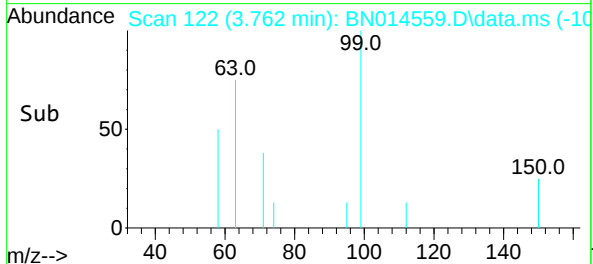
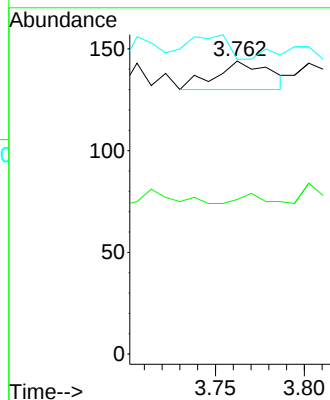
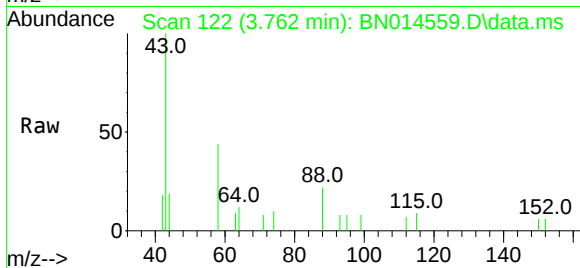
Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW8-GW-658-660

Tgt Ion:	42	Resp:	29
Ion	Ratio	Lower	Upper
42	100		
74	13.8	175.1	262.7#
44	103.4	7.5	11.3#



#4

2-Fluorophenol

Concen: 0.13 ng

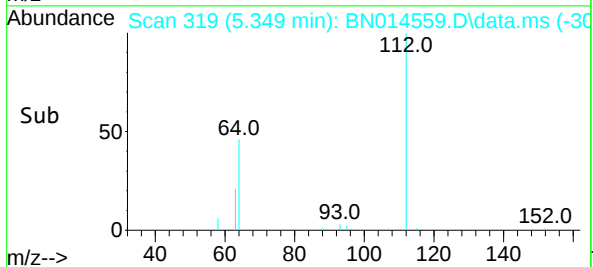
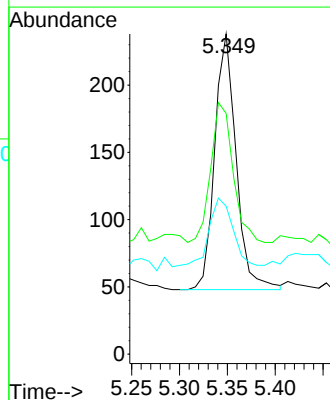
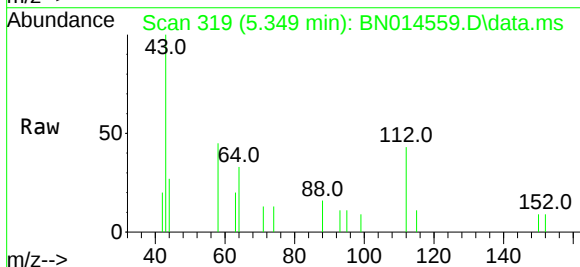
RT: 5.349 min Scan# 319

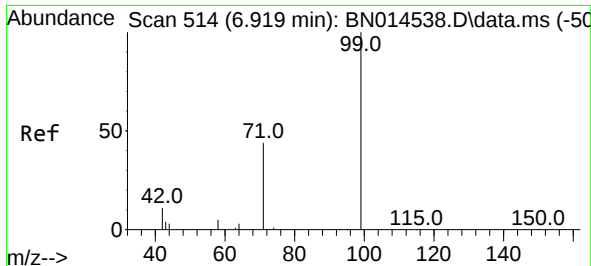
Delta R.T. -0.008 min

Lab File: BN014559.D

Acq: 10 May 2021 16:11

Tgt Ion:	112	Resp:	295
Ion	Ratio	Lower	Upper
112	100		
64	56.9	41.8	62.6
63	30.5	22.0	33.0

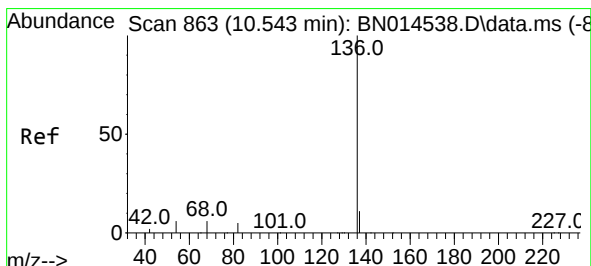
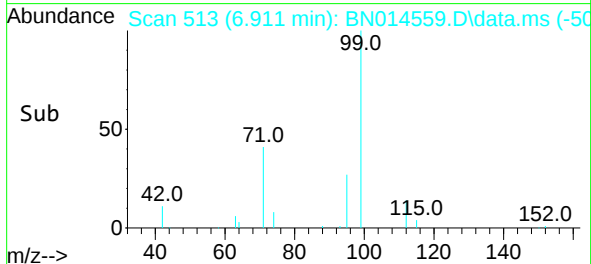
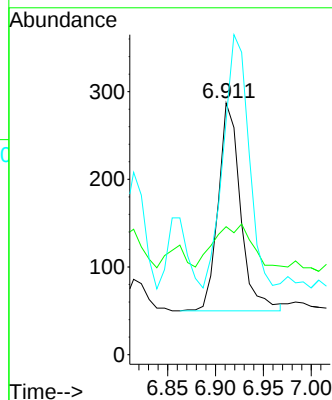
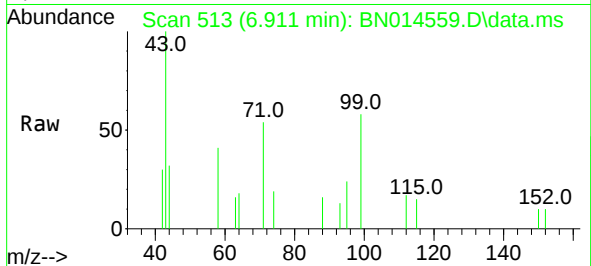




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.911 min Scan# 513
Delta R.T. -0.008 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

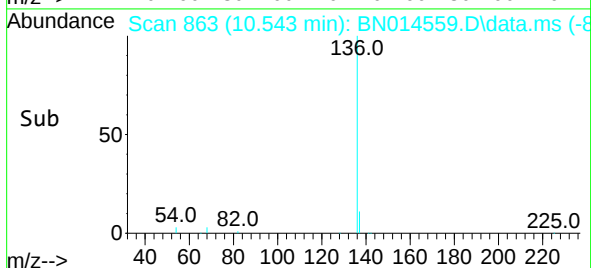
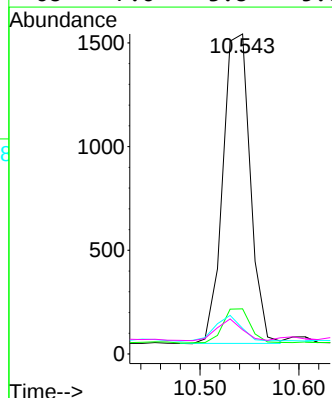
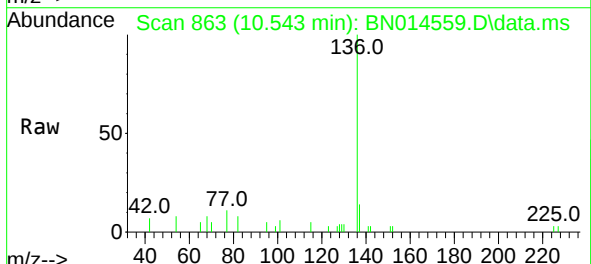
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

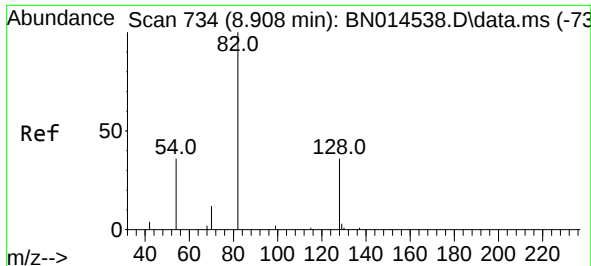
Tgt Ion: 99 Resp: 384
Ion Ratio Lower Upper
99 100
42 33.1 13.2 19.8#
71 138.5 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion: 136 Resp: 2866
Ion Ratio Lower Upper
136 100
137 14.1 8.9 13.3#
54 8.0 3.8 5.8#
68 7.6 3.8 5.6#

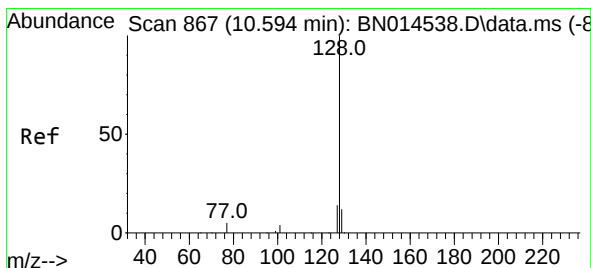
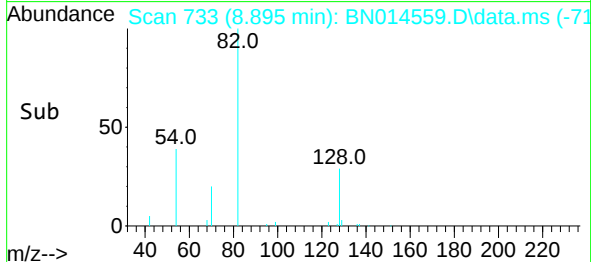
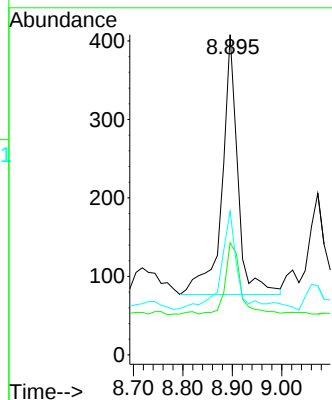
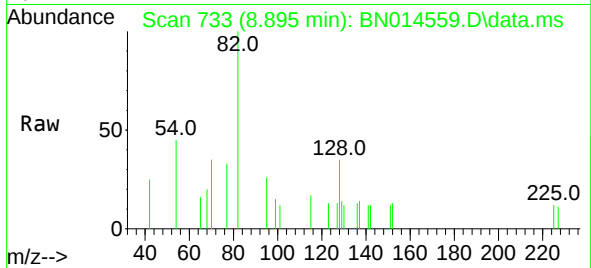




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.895 min Scan# 733
Delta R.T. -0.013 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

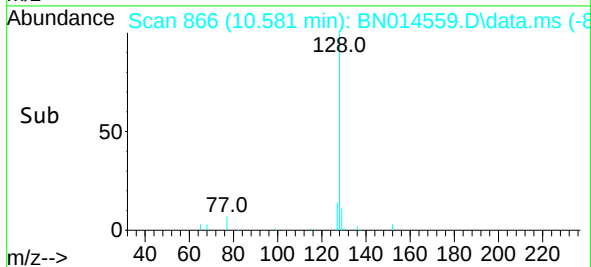
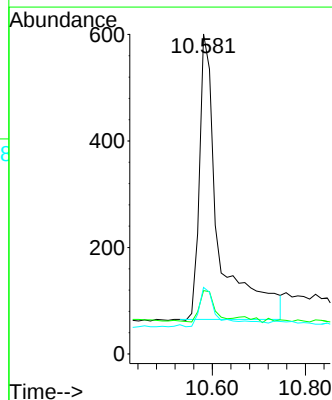
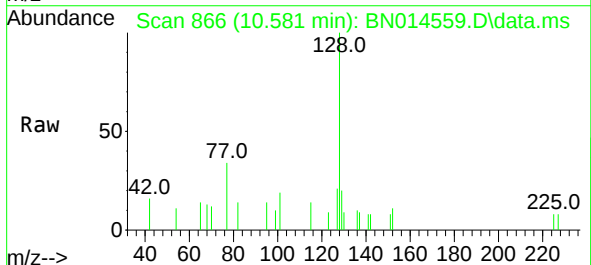
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BNA_N
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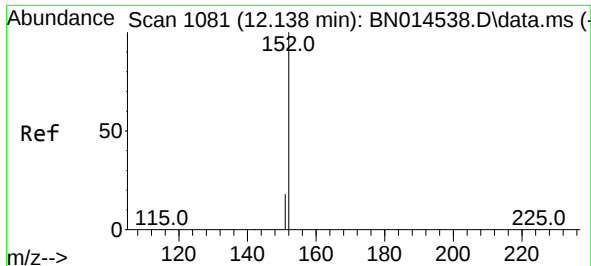
Tgt Ion:	82	Resp:	734
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.5	44.3
54	44.9	36.9	55.3



#9
Naphthalene
Concen: 0.20 ng
RT: 10.581 min Scan# 866
Delta R.T. -0.013 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:	128	Resp:	1554
Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.0	13.4#
127	20.8	10.4	15.6#

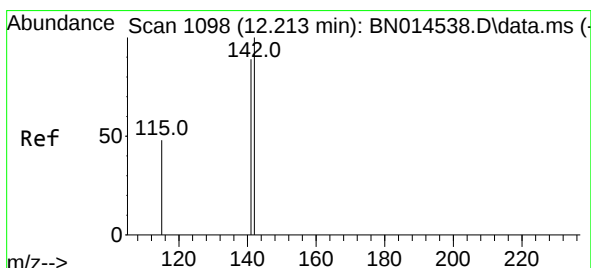
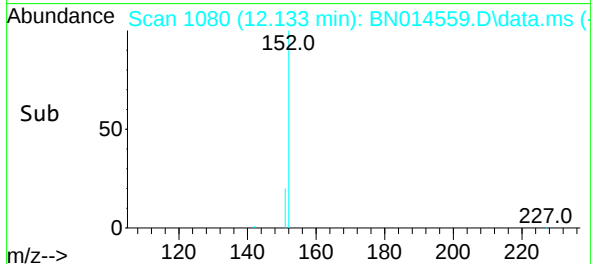
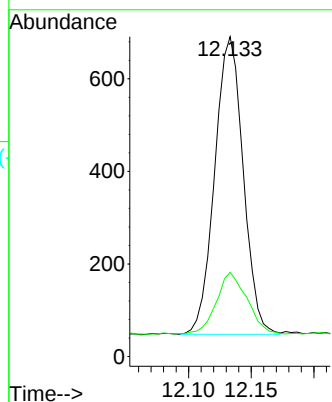
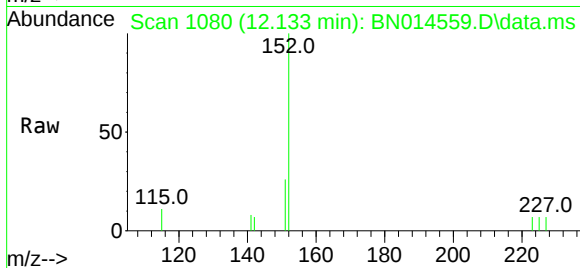




#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.133 min Scan# 1080
Delta R.T. -0.004 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

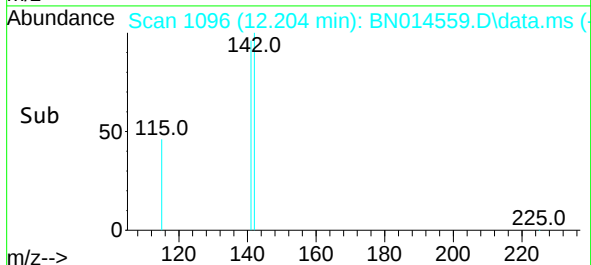
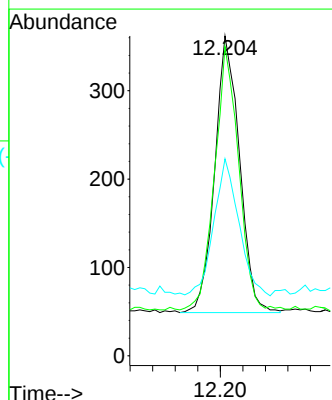
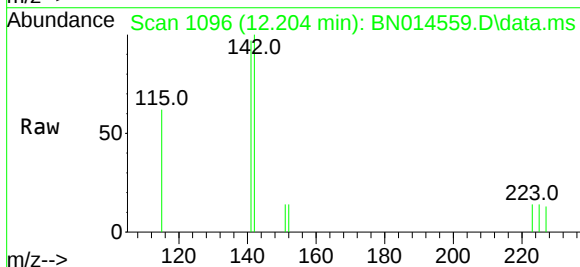
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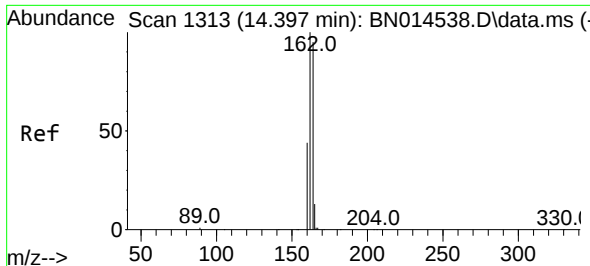
Tgt Ion:152 Resp: 1017
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.09 ng
RT: 12.204 min Scan# 1096
Delta R.T. -0.009 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:142 Resp: 478
Ion Ratio Lower Upper
142 100
141 96.7 70.2 105.4
115 61.6 26.7 40.1#

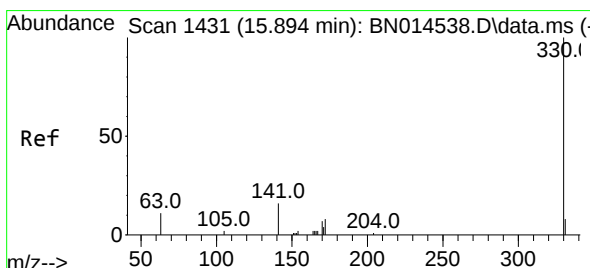
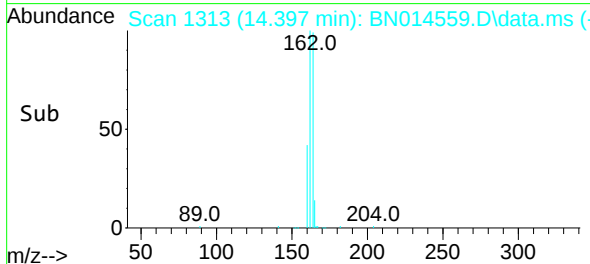
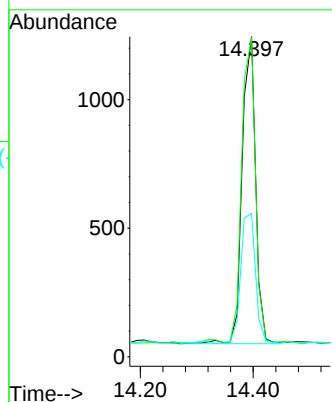
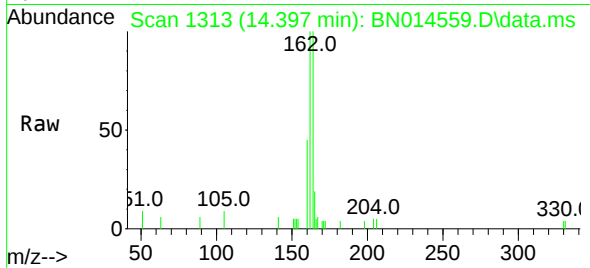




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.397 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

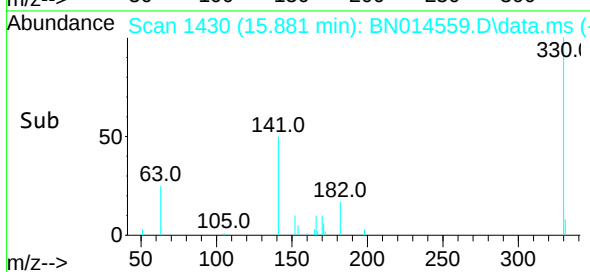
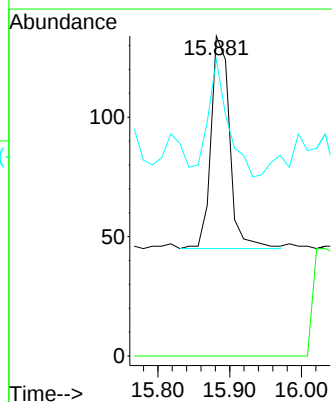
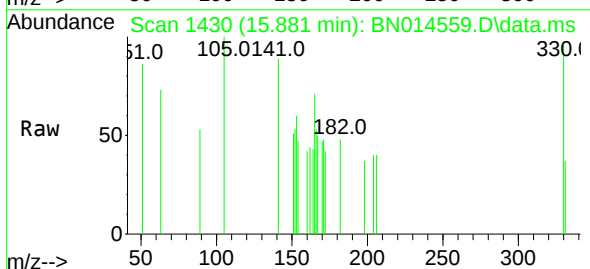
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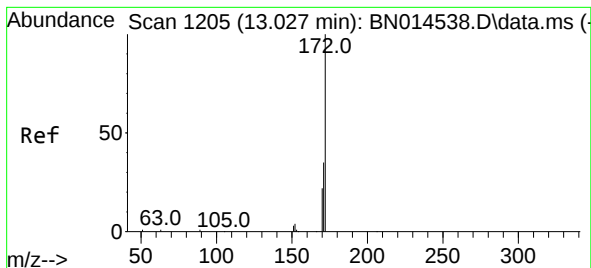
Tgt Ion:164 Resp: 1963
Ion Ratio Lower Upper
164 100
162 99.7 78.6 118.0
160 44.8 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.881 min Scan# 1430
Delta R.T. -0.013 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:330 Resp: 161
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 58.4 27.0 40.4#

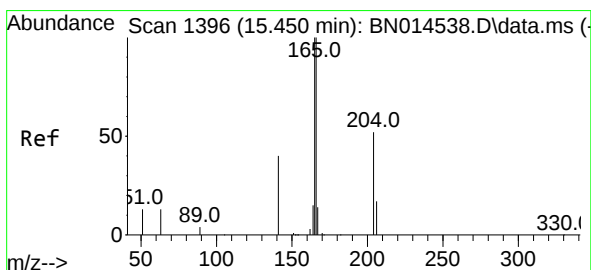
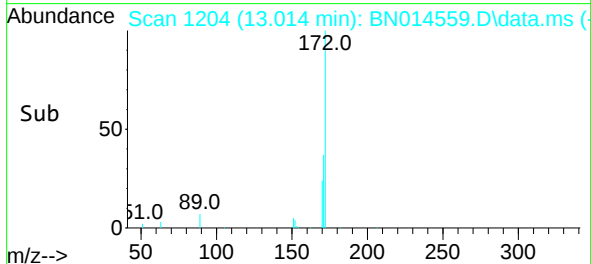
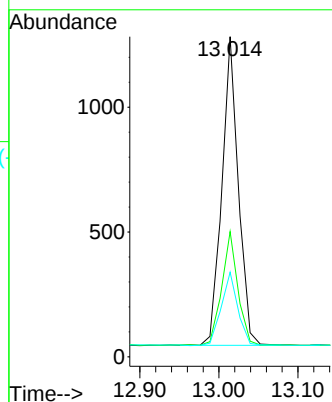
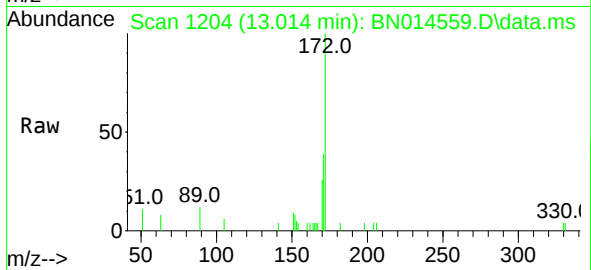




#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 13.014 min Scan# 1204
Delta R.T. -0.013 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

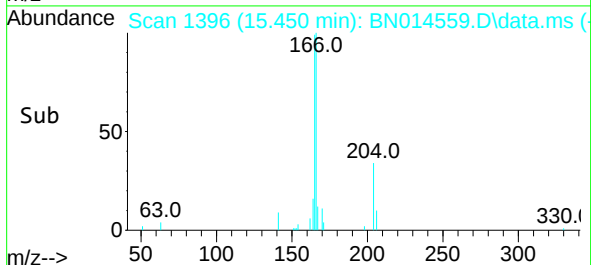
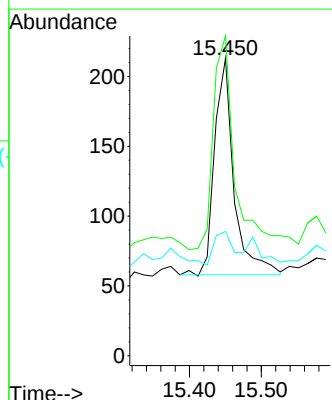
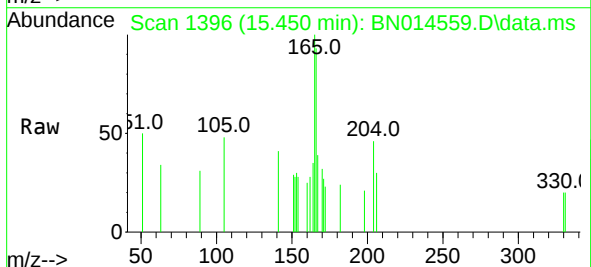
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ClientSampleId :
BP-VPB-RW8-GW-658-660

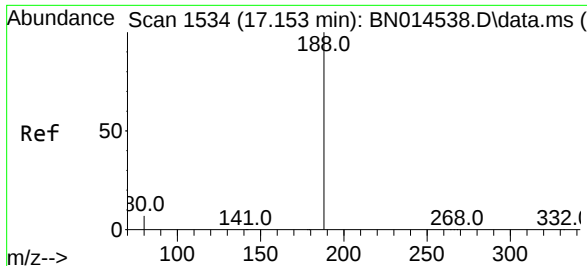
Tgt Ion:	172	Resp:	1790
Ion	Ratio	Lower	Upper
172	100		
171	39.1	27.1	40.7
170	26.4	18.3	27.5



#18
Fluorene
Concen: 0.04 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:	166	Resp:	291
Ion	Ratio	Lower	Upper
166	100		
165	113.1	78.4	117.6
167	16.5	10.7	16.1

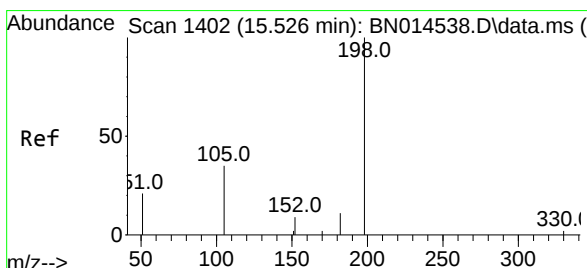
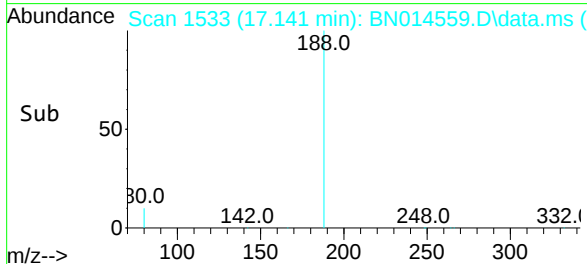
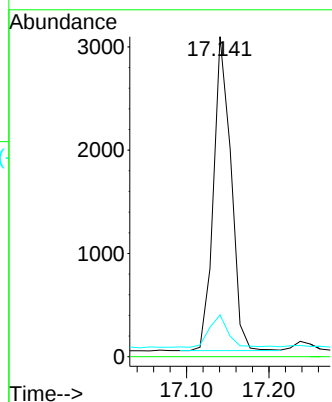
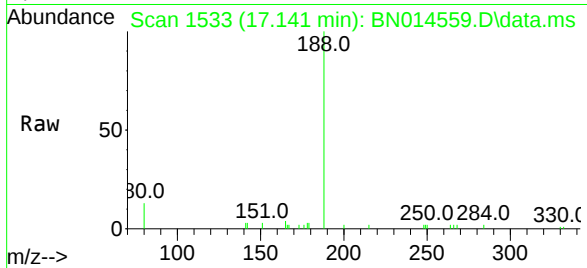




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.141 min Scan# 1533
Delta R.T. -0.012 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

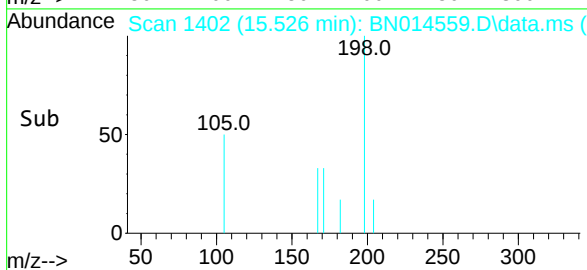
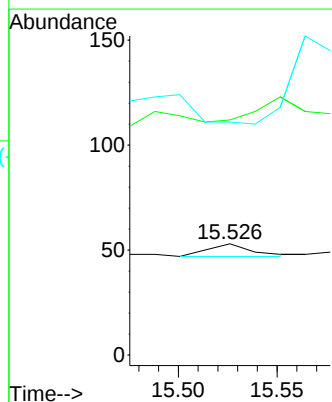
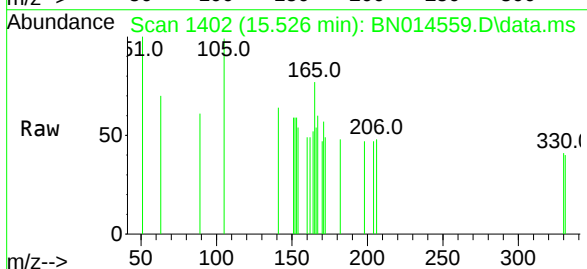
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

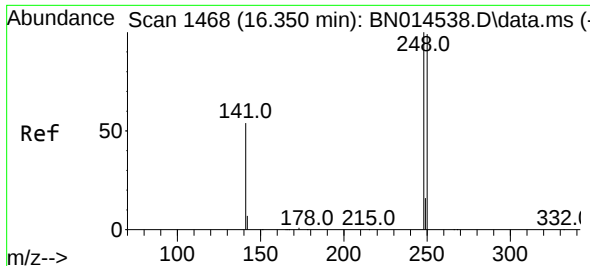
Tgt Ion:188 Resp: 4475
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 5.2 7.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 211.3 865.3 1297.9#
105 209.4 93.6 140.4#

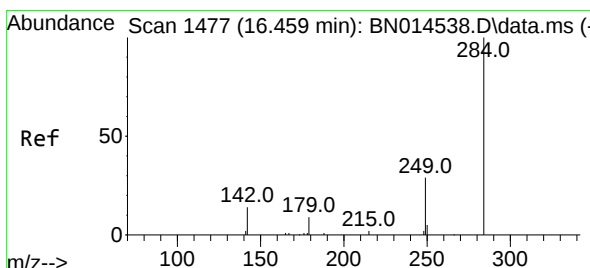
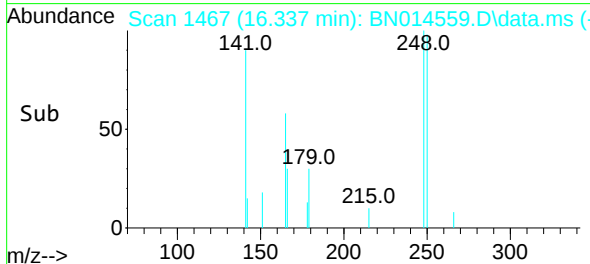
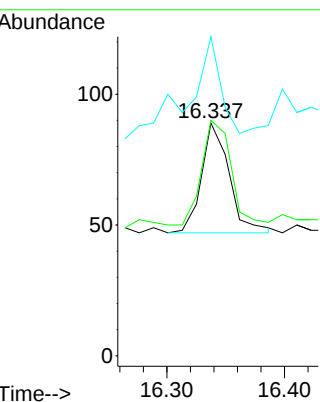
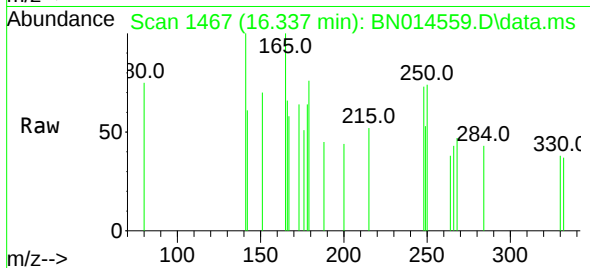




#21
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.337 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

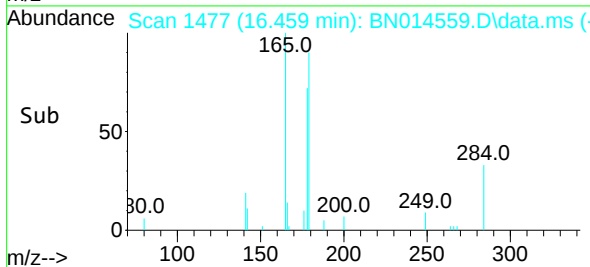
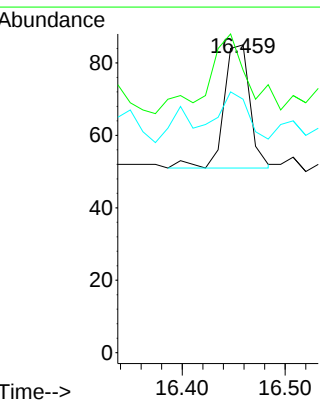
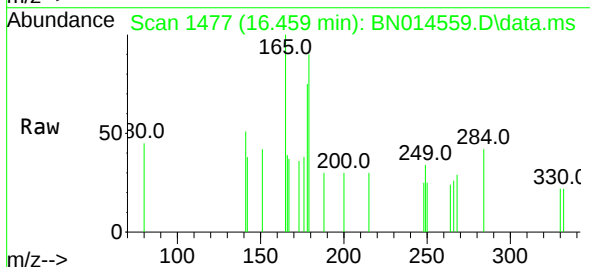
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

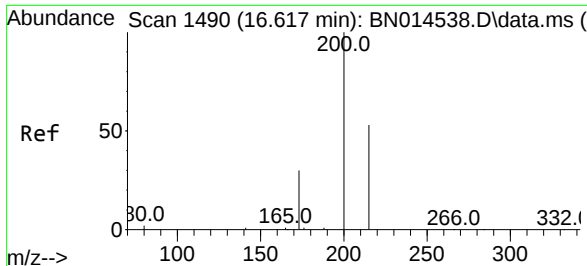
Tgt Ion:248 Resp: 69
Ion Ratio Lower Upper
248 100
250 101.1 80.5 120.7
141 137.1 37.2 55.8#



#22
Hexachlorobenzene
Concen: 0.02 ng
RT: 16.459 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:284 Resp: 60
Ion Ratio Lower Upper
284 100
142 100.0 26.6 39.8#
249 46.7 23.6 35.4#

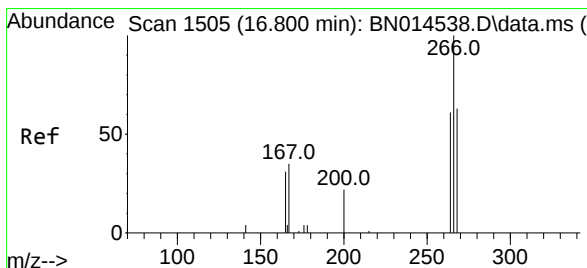
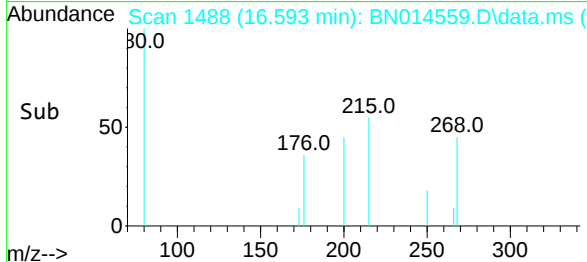
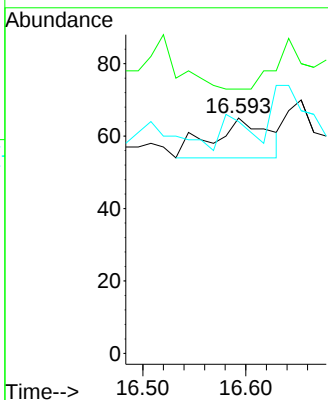
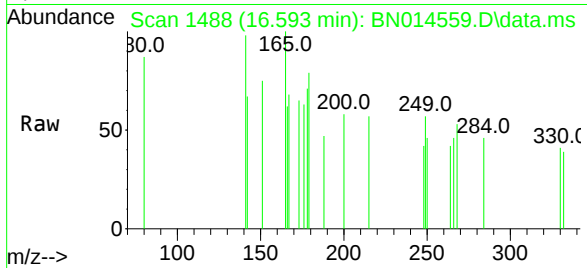




#23
Atrazine
Concen: 0.02 ng
RT: 16.593 min Scan# 1488
Delta R.T. -0.024 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

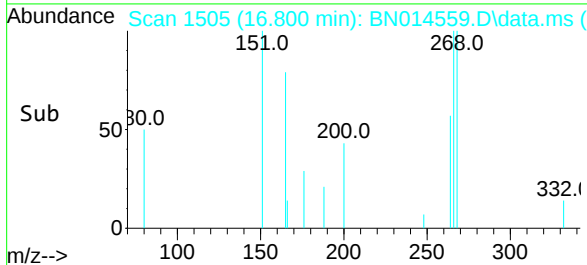
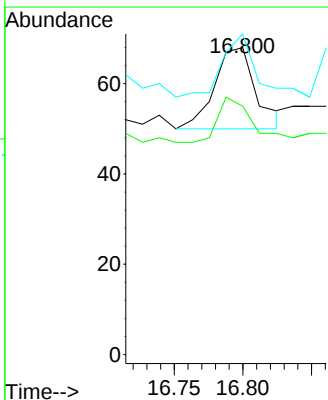
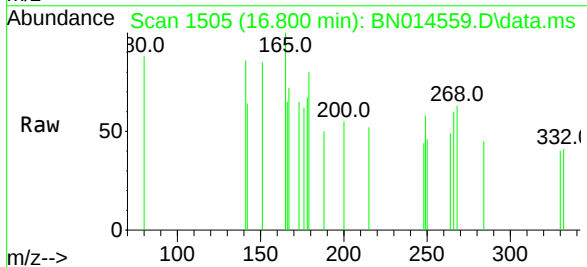
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

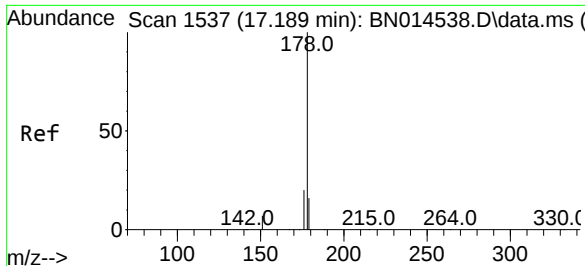
Tgt Ion:200 Resp: 41
Ion Ratio Lower Upper
200 100
173 112.3 23.0 34.6#
215 98.5 38.6 57.8#



#24
Pentachlorophenol
Concen: 0.04 ng
RT: 16.800 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:266 Resp: 38
Ion Ratio Lower Upper
266 100
264 47.4 24.2 36.4#
268 60.5 25.2 37.8#

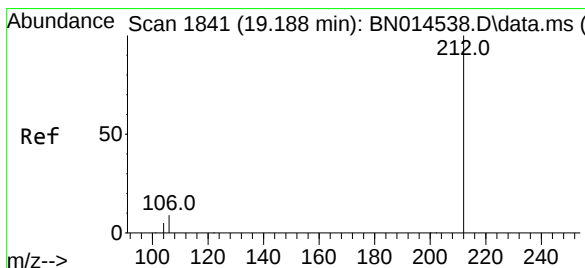
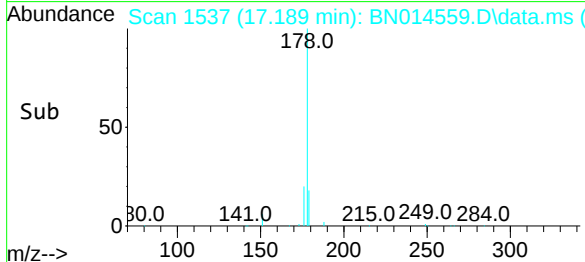
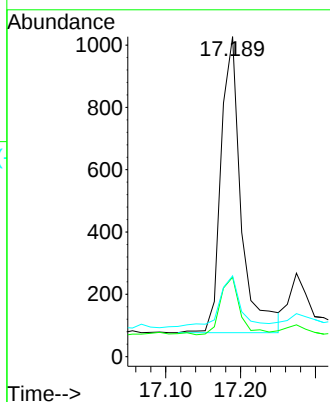
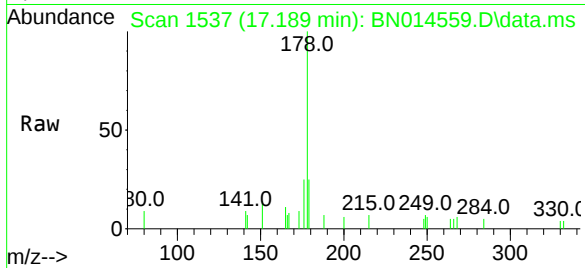




#25
Phenanthrene
Concen: 0.15 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

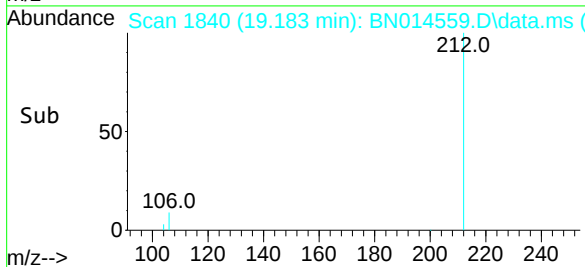
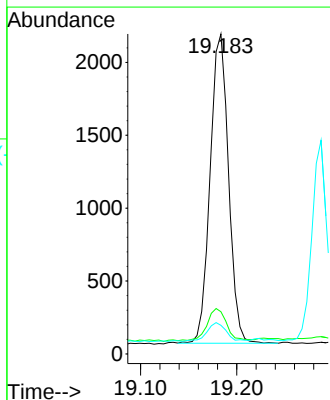
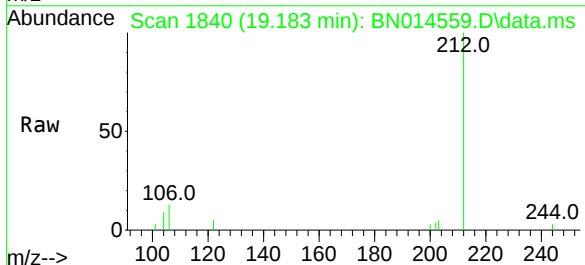
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

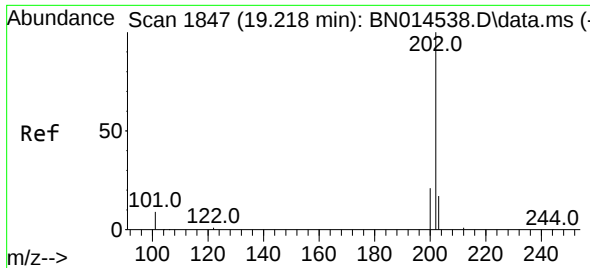
Tgt Ion:178	Resp:	1777	
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	18.9	12.4	18.6#



#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

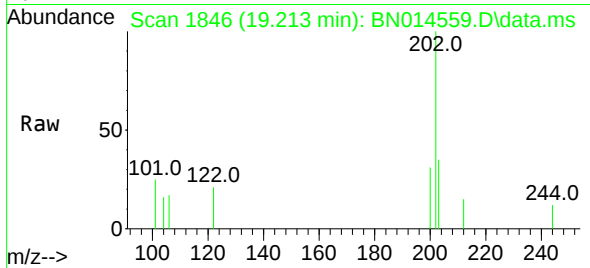
Tgt Ion:212	Resp:	2820	
Ion	Ratio	Lower	Upper
212	100		
106	10.9	10.1	15.1
104	6.3	5.4	8.2



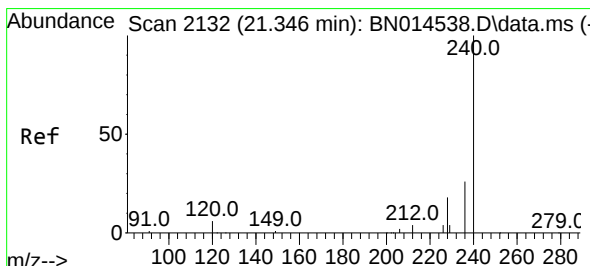
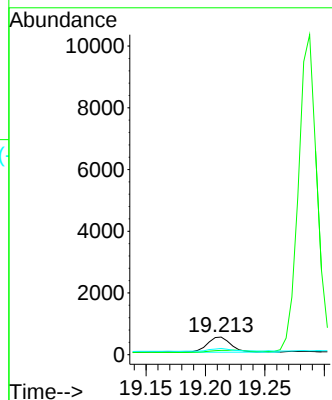
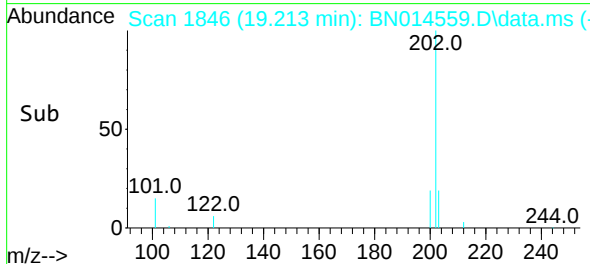


#28
Fluoranthene
Concen: 0.04 ng
RT: 19.213 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

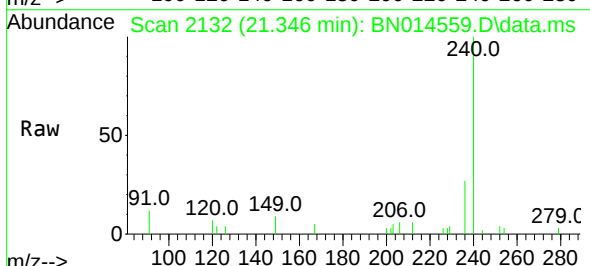
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660



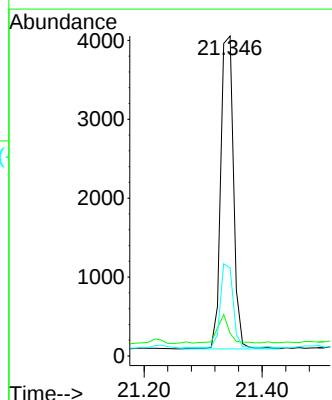
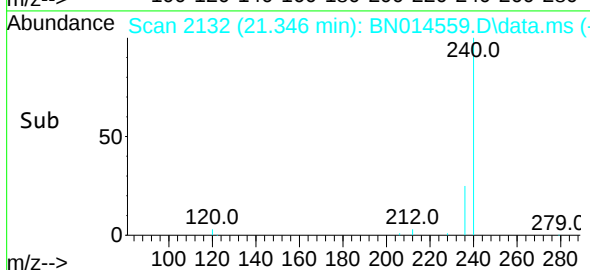
Tgt Ion:202 Resp: 668
Ion Ratio Lower Upper
202 100
101 0.0 8.4 12.6#
203 20.4 13.5 20.3#

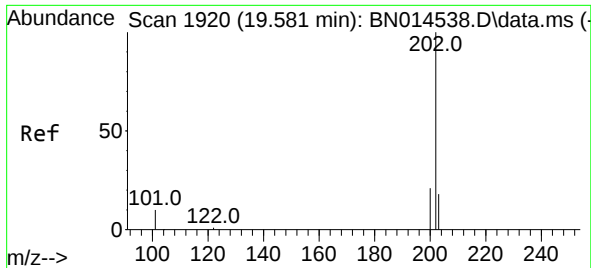


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.346 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11



Tgt Ion:240 Resp: 5952
Ion Ratio Lower Upper
240 100
120 7.1 5.8 8.8
236 27.5 20.6 30.8

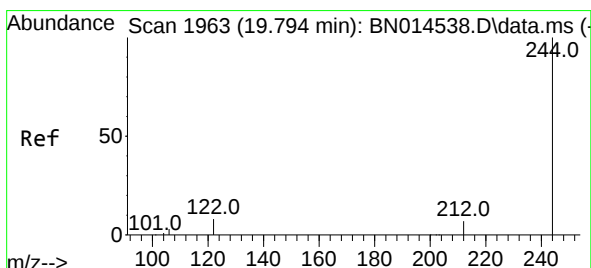
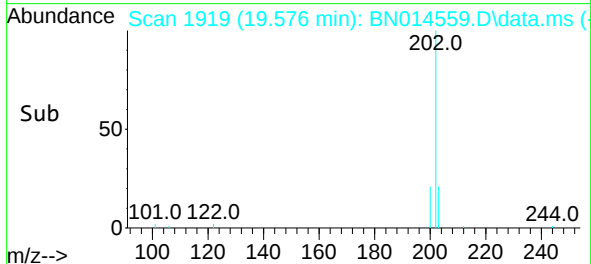
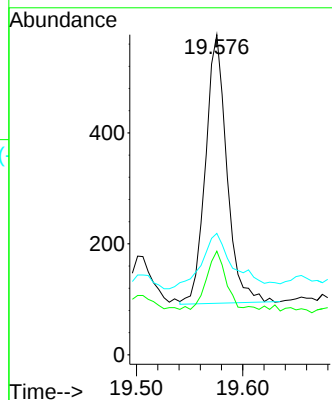
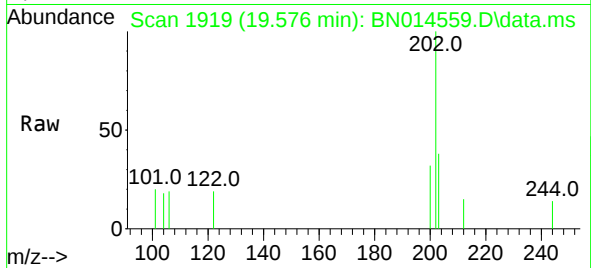




#30
Pyrene
Concen: 0.04 ng
RT: 19.576 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

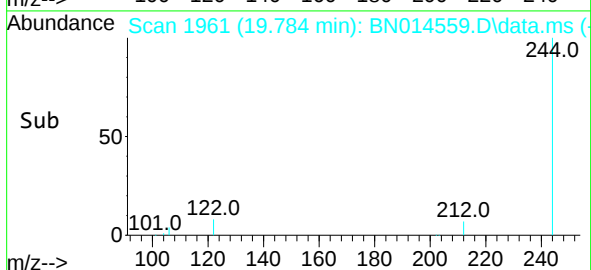
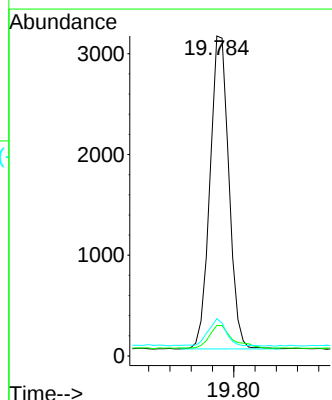
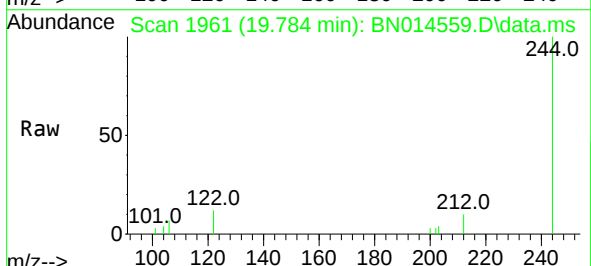
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

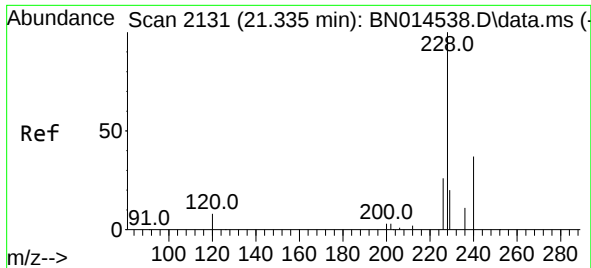
Tgt Ion:202 Resp: 674
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 31.9 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.26 ng
RT: 19.784 min Scan# 1961
Delta R.T. -0.010 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:244 Resp: 3837
Ion Ratio Lower Upper
244 100
212 9.5 6.0 9.0#
122 11.7 9.3 13.9

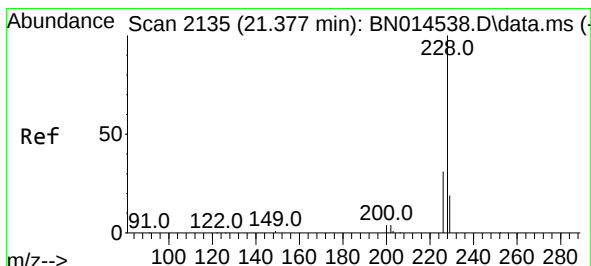
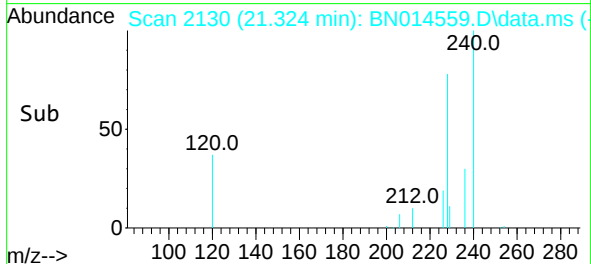
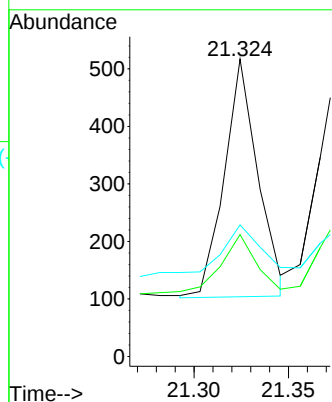
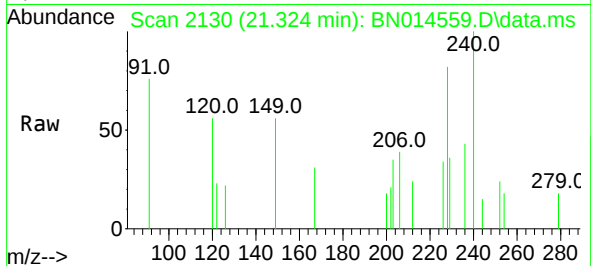




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.324 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

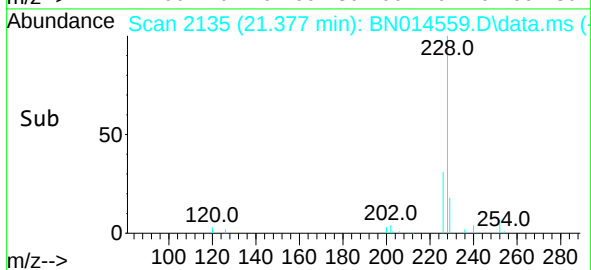
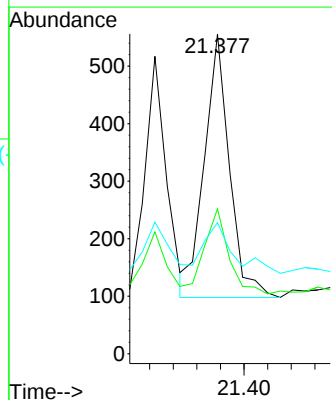
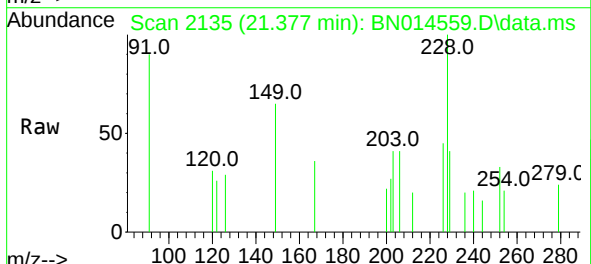
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

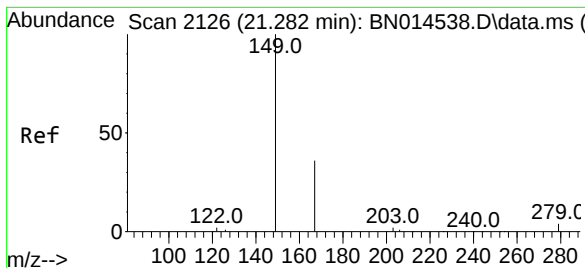
Tgt Ion:228 Resp: 513
Ion Ratio Lower Upper
228 100
226 41.0 21.7 32.5#
229 44.3 15.7 23.5#



#33
Chrysene
Concen: 0.04 ng
RT: 21.377 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:228 Resp: 672
Ion Ratio Lower Upper
228 100
226 45.3 23.8 35.6#
229 41.0 15.6 23.4#

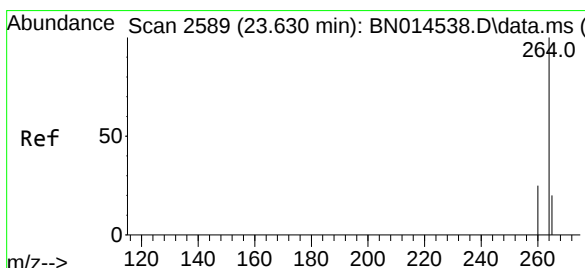
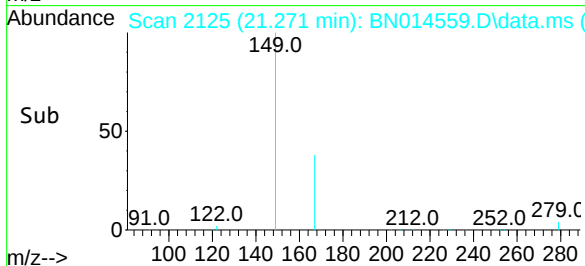
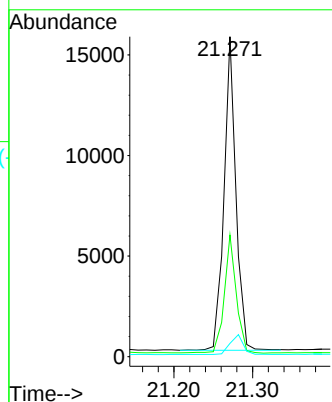
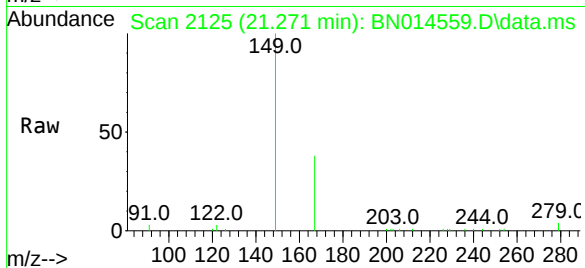




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.54 ng
 RT: 21.271 min Scan# 2125
 Delta R.T. -0.011 min
 Lab File: BN014559.D
 Acq: 10 May 2021 16:11

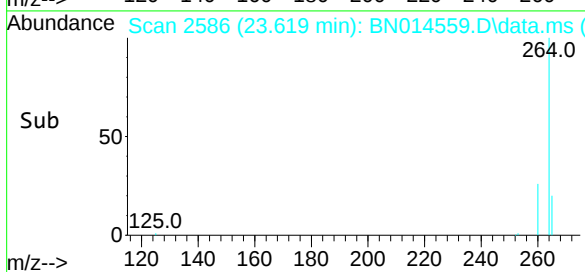
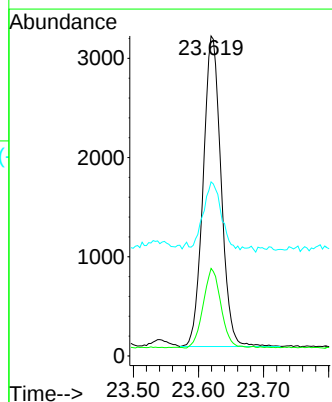
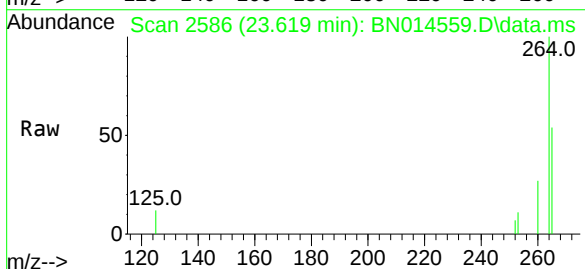
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-658-660

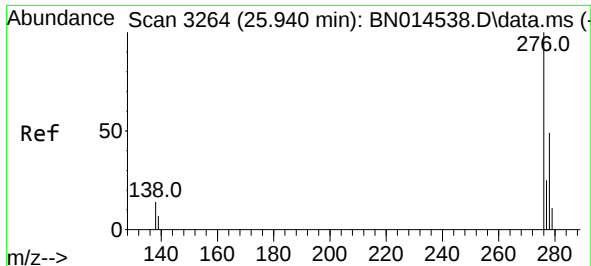
Tgt Ion:149 Resp: 16305
 Ion Ratio Lower Upper
 149 100
 167 37.8 20.5 30.7#
 279 6.9 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.619 min Scan# 2586
 Delta R.T. -0.010 min
 Lab File: BN014559.D
 Acq: 10 May 2021 16:11

Tgt Ion:264 Resp: 5981
 Ion Ratio Lower Upper
 264 100
 260 27.3 19.5 29.3
 265 54.4 35.4 53.0#

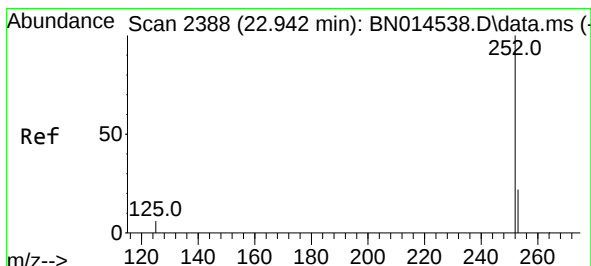
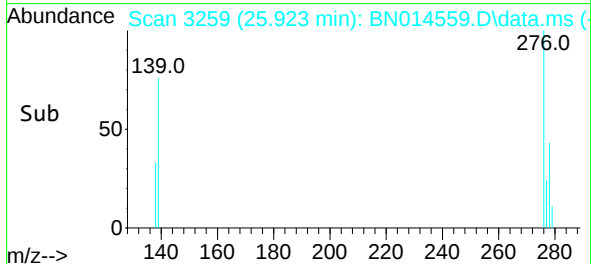
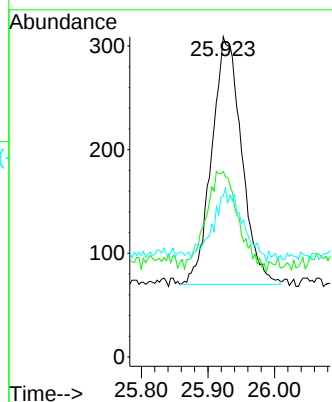
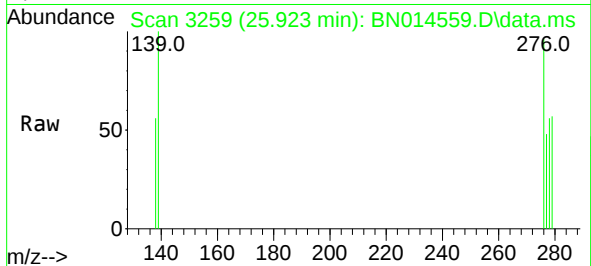




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 25.923 min Scan# 3259
Delta R.T. -0.017 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

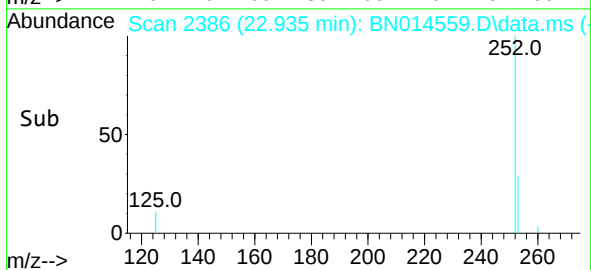
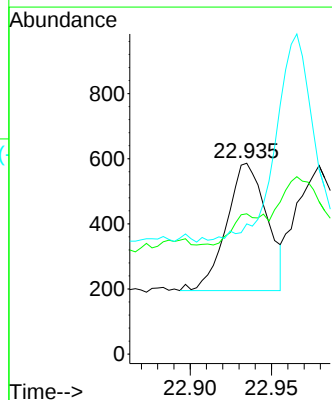
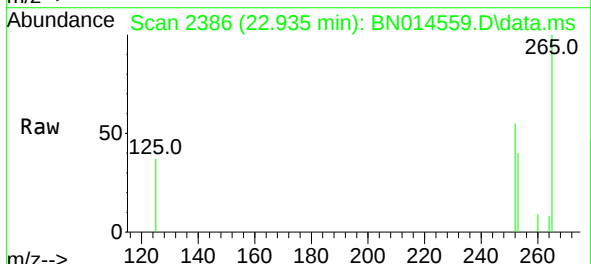
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

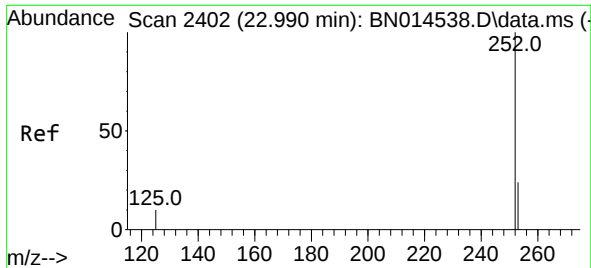
Tgt Ion:276 Resp: 743
Ion Ratio Lower Upper
276 100
138 44.8 18.8 28.2#
277 27.9 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.935 min Scan# 2386
Delta R.T. -0.007 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:252 Resp: 674
Ion Ratio Lower Upper
252 100
253 73.5 19.6 29.4#
125 68.3 10.3 15.5#

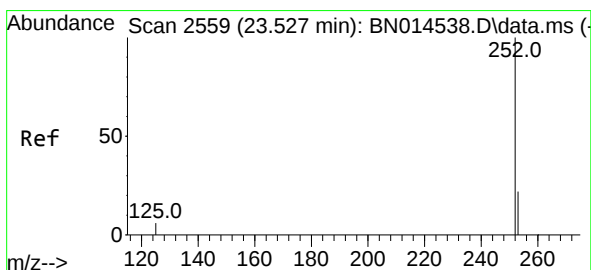
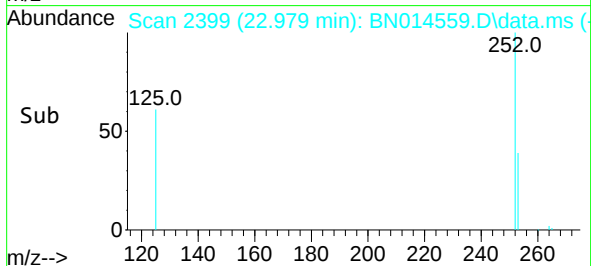
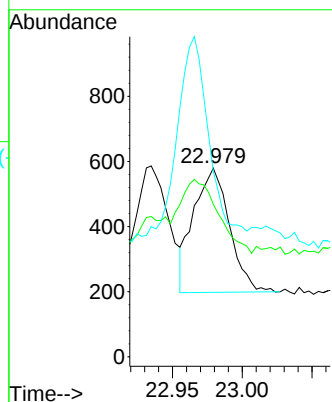
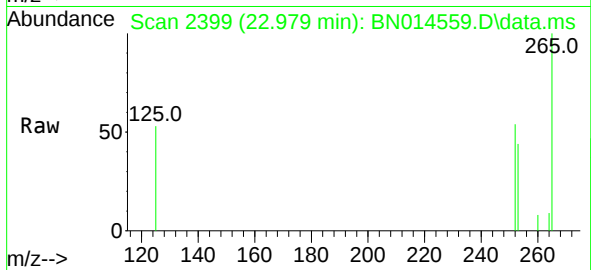




#38
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.979 min Scan# 2399
Delta R.T. -0.010 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

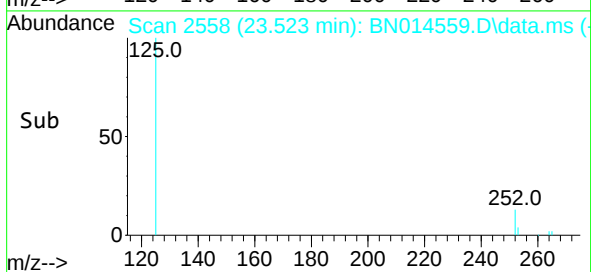
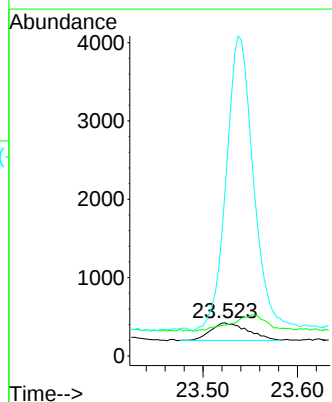
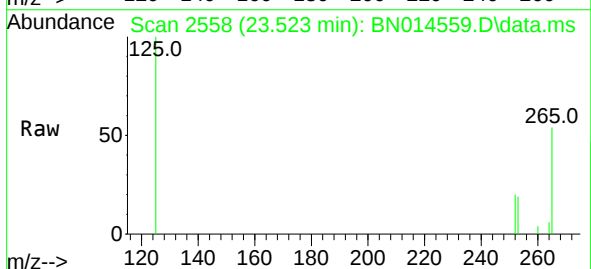
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-658-660

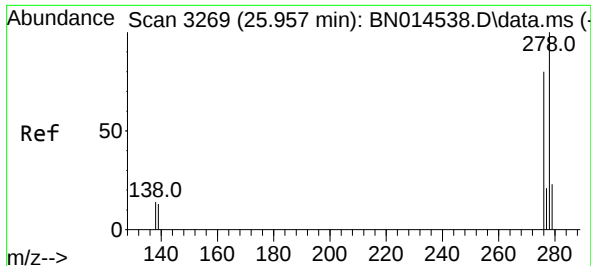
Tgt Ion:252 Resp: 680
Ion Ratio Lower Upper
252 100
253 80.8 19.7 29.5#
125 98.1 9.7 14.5#



#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.523 min Scan# 2558
Delta R.T. -0.003 min
Lab File: BN014559.D
Acq: 10 May 2021 16:11

Tgt Ion:252 Resp: 617
Ion Ratio Lower Upper
252 100
253 93.6 21.8 32.6#
125 504.0 14.9 22.3#





#40

Dibenzo(a,h)anthracene

Concen: 0.03 ng

RT: 25.940 min Scan# 3264

Delta R.T. -0.017 min

Lab File: BN014559.D

Acq: 10 May 2021 16:11

Tgt Ion:278 Resp: 536

Ion Ratio Lower Upper

278 100

139 88.1 13.9 20.9#

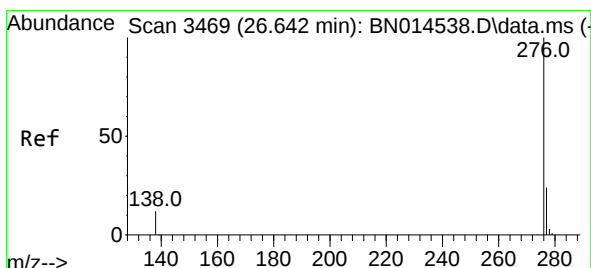
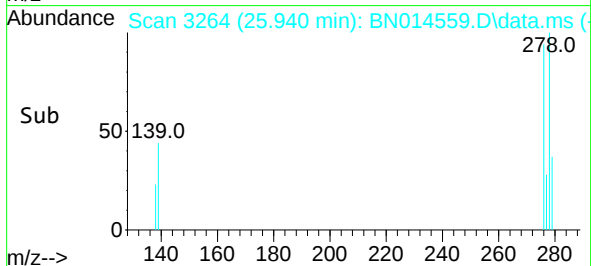
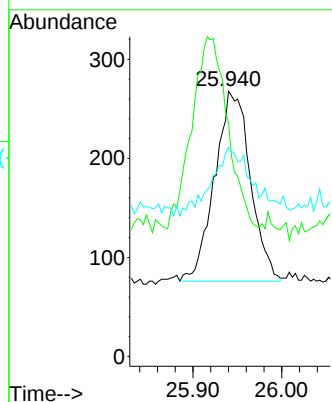
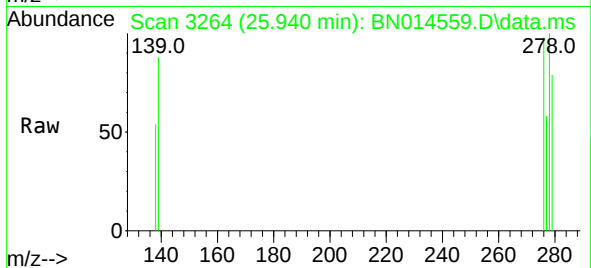
279 78.7 20.7 31.1#

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW8-GW-658-660



#41

Benzo(g,h,i)perylene

Concen: 0.03 ng

RT: 26.628 min Scan# 3465

Delta R.T. -0.014 min

Lab File: BN014559.D

Acq: 10 May 2021 16:11

Tgt Ion:276 Resp: 651

Ion Ratio Lower Upper

276 100

277 49.8 19.6 29.4#

138 37.5 17.5 26.3#

