

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
 Data File : BN014781.D
 Acq On : 27 May 2021 01:19
 Operator : CG/JU
 Sample : M2472-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

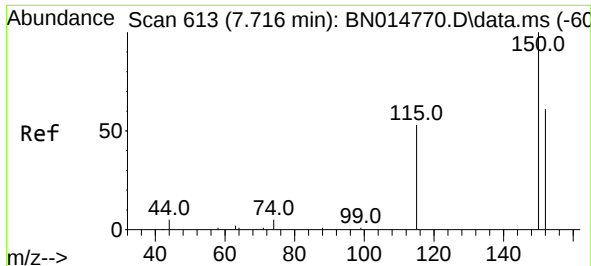
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

Quant Time: May 27 06:56:11 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	987	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	3785	0.40	ng	-0.01
13) Acenaphthene-d10	14.359	164	2868	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	5656	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	5748	0.40	ng	# 0.00
35) Perylene-d12	23.571	264	5628	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	413	0.16	ng	0.00
5) Phenol-d6	6.895	99	676	0.19	ng	0.00
8) Nitrobenzene-d5	8.857	82	859	0.25	ng	-0.01
11) 2-Methylnaphthalene-d10	12.093	152	1542	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	327	0.20	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	2355	0.22	ng	-0.01
27) Fluoranthene-d10	19.154	212	3676	0.16	ng	0.00
31) Terphenyl-d14	19.754	244	3828	0.28	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.271	88	43	0.04	ng	# 83
3) n-Nitrosodimethylamine	3.658	42	26	0.25	ng	# 85
9) Naphthalene	10.543	128	782	0.07	ng	# 82
12) 2-Methylnaphthalene	12.164	142	349	0.04	ng	# 83
17) Acenaphthene	14.359	154	800	0.10	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.539	198	18	0.06	ng	# 1
21) 4-Bromophenyl-phenylether	16.301	248	115	0.03	ng	# 1
24) Pentachlorophenol	16.788	266	69	0.08	ng	# 50
25) Phenanthrene	17.153	178	887	0.05	ng	# 56
28) Fluoranthene	19.183	202	546	0.02	ng	# 76
30) Pyrene	19.546	202	745	0.05	ng	# 95
32) Benzo(a)anthracene	21.293	228	453	0.03	ng	# 30
34) Bis(2-ethylhexyl)phtha...	21.229	149	6532	1.32	ng	91
36) Indeno(1,2,3-cd)pyrene	25.854	276	538	0.02	ng	# 87
37) Benzo(b)fluoranthene	22.897	252	928	0.04	ng	# 1
39) Benzo(a)pyrene	23.476	252	802	0.04	ng	# 1
41) Benzo(g,h,i)perylene	26.549	276	490	0.02	ng	# 5

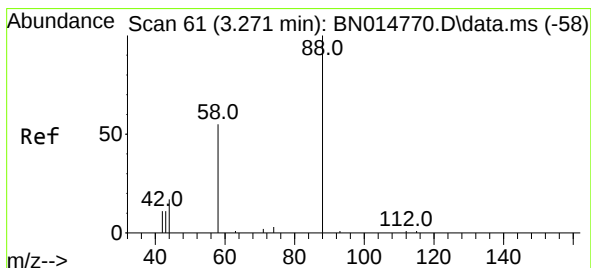
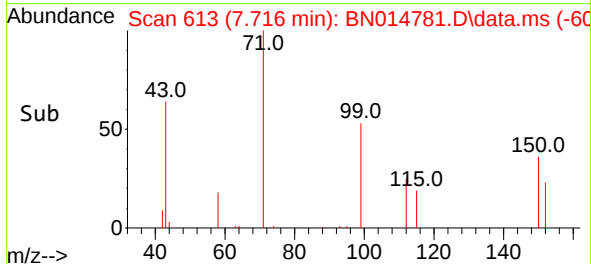
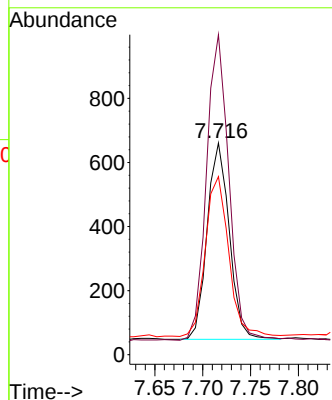
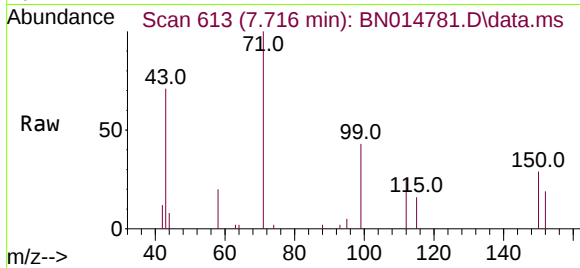
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.716 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: BN014781.D
 Acq: 27 May 2021 01:19

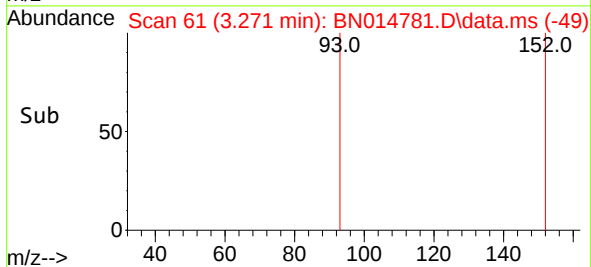
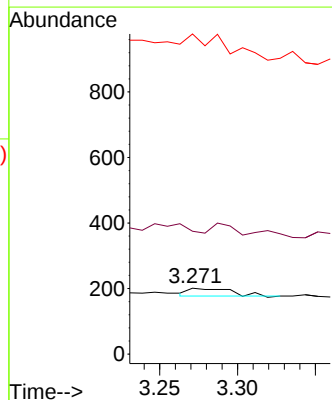
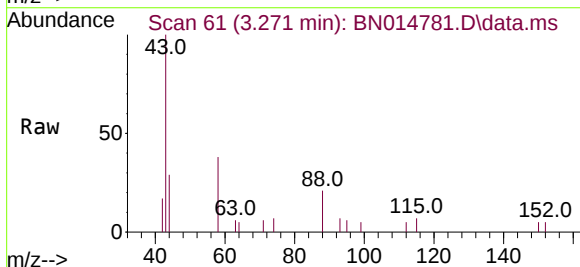
Instrument :
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 BP-VPB-RW8-GW-888-890

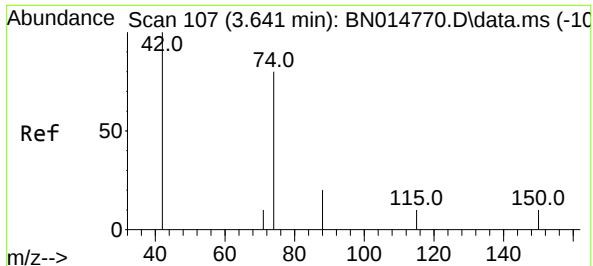
Tgt Ion: 152 Resp: 987
 Ion Ratio Lower Upper
 152 100
 150 151.1 123.4 185.2
 115 84.1 73.2 109.8



#2
 1,4-Dioxane
 Concen: 0.04 ng
 RT: 3.271 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN014781.D
 Acq: 27 May 2021 01:19

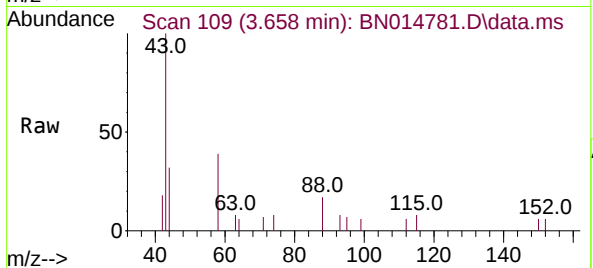
Tgt Ion: 88 Resp: 43
 Ion Ratio Lower Upper
 88 100
 58 55.8 44.7 67.1
 43 0.0 21.0 31.6#



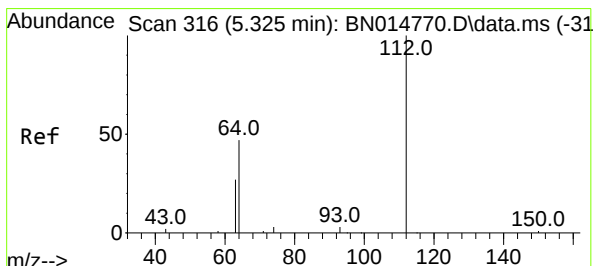
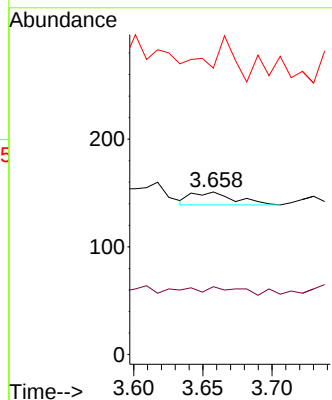
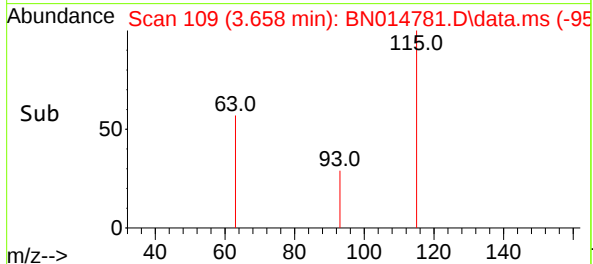


#3
n-Nitrosodimethylamine
Concen: 0.25 ng
RT: 3.658 min Scan# 109
Delta R.T. 0.017 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

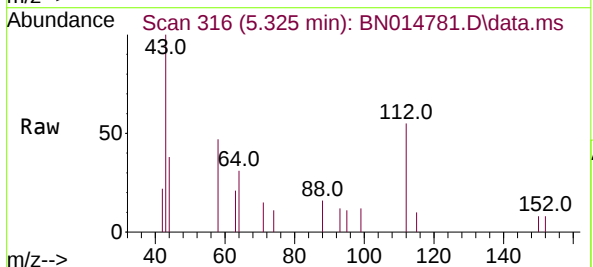
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ClientSampleId :
BP-VPB-RW8-GW-888-890



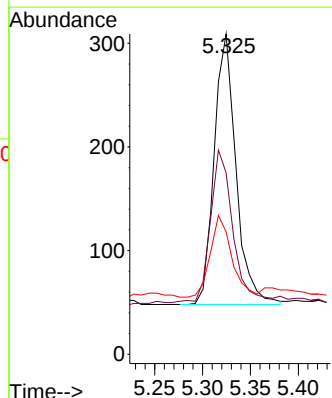
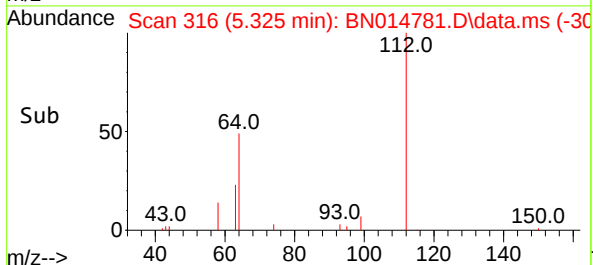
Tgt Ion: 42 Resp: 26
Ion Ratio Lower Upper
42 100
74 46.2 0.0 0.0#
44 115.4 80.0 120.0

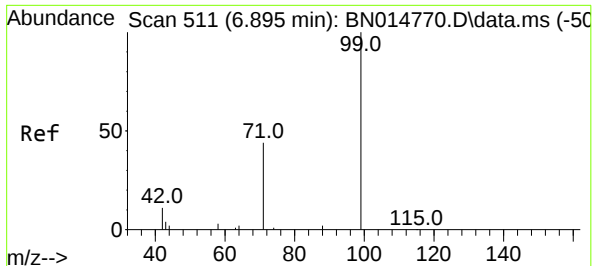


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19



Tgt Ion: 112 Resp: 413
Ion Ratio Lower Upper
112 100
64 60.5 43.6 65.4
63 29.8 25.0 37.6

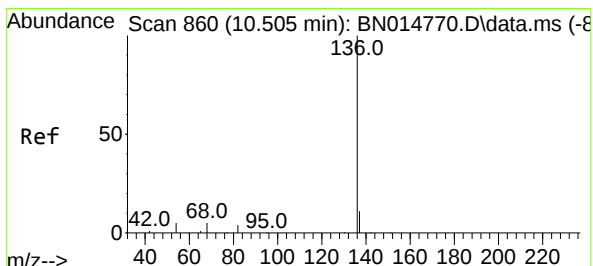
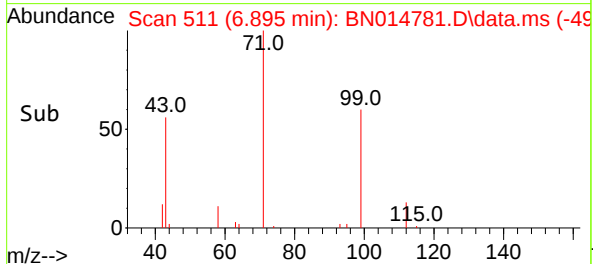
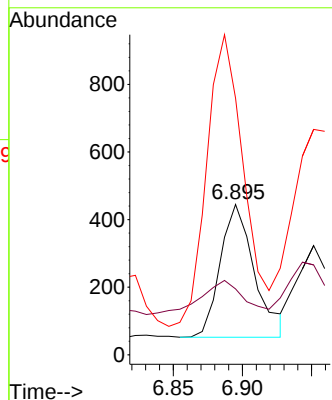
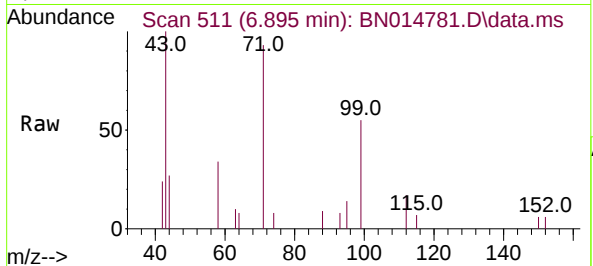




#5
Phenol-d6
Concen: 0.19 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

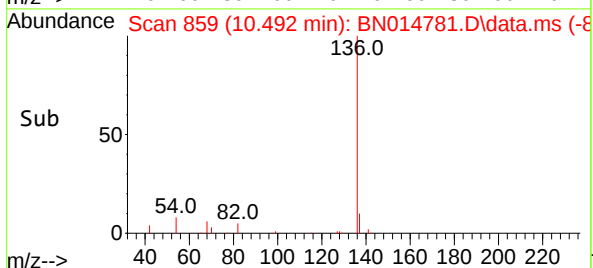
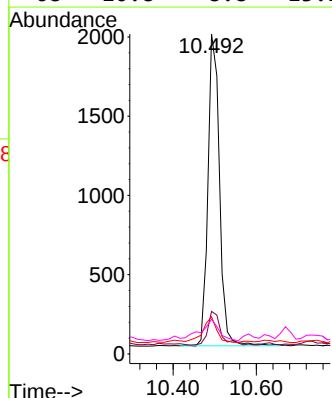
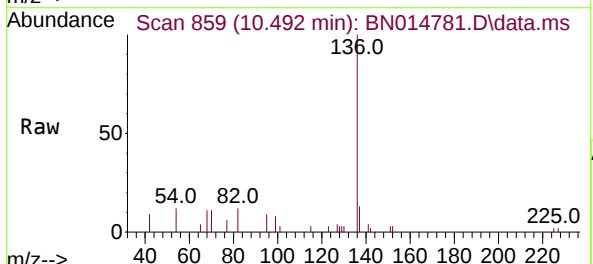
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

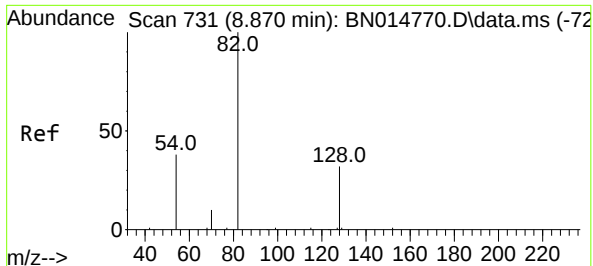
Tgt Ion: 99 Resp: 676
Ion Ratio Lower Upper
99 100
42 32.4 10.2 15.2#
71 237.7 32.4 48.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:136 Resp: 3785
Ion Ratio Lower Upper
136 100
137 13.3 13.2 19.8
54 11.6 9.0 13.4
68 10.8 8.8 13.2

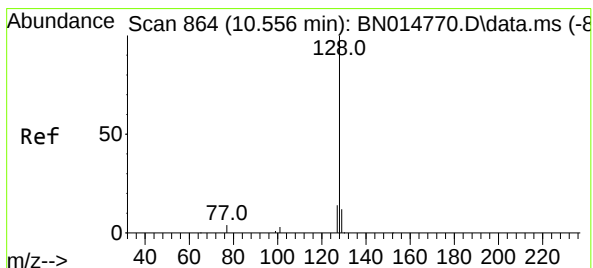
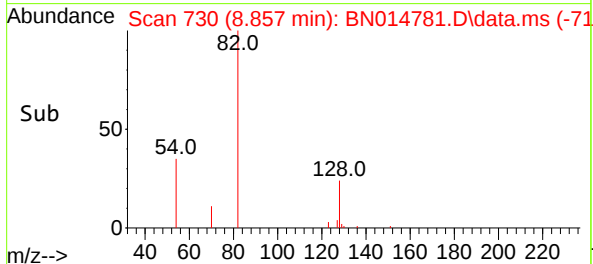
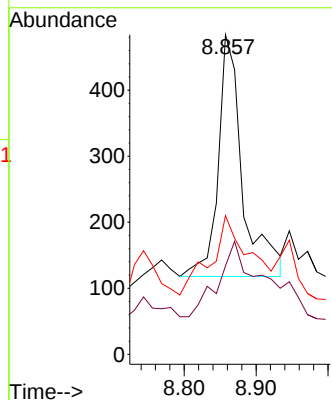
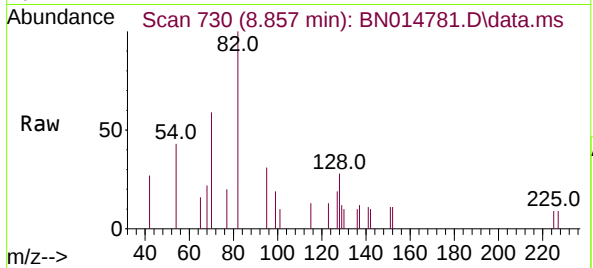




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.013 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

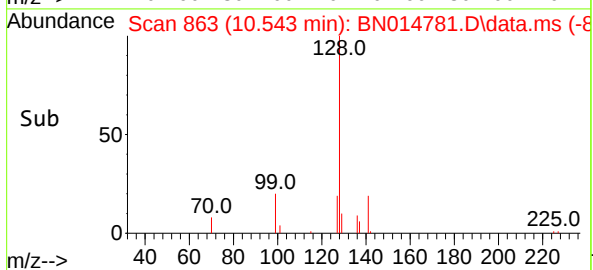
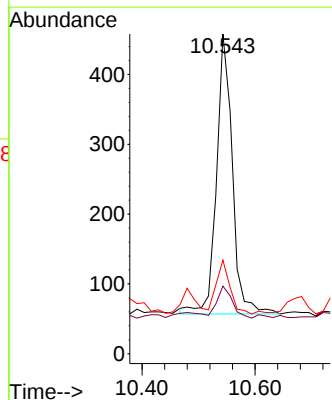
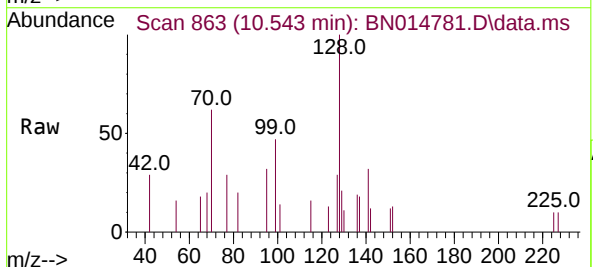
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

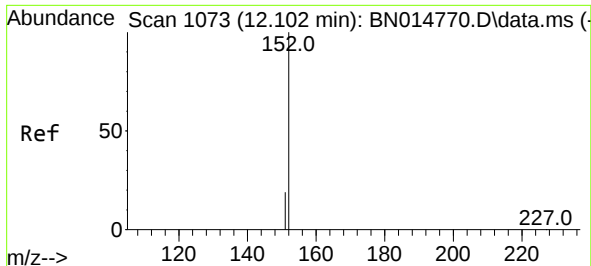
Tgt Ion: 82 Resp: 859
Ion Ratio Lower Upper
82 100
128 27.7 34.2 51.2#
54 43.4 38.4 57.6



#9
Naphthalene
Concen: 0.07 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion: 128 Resp: 782
Ion Ratio Lower Upper
128 100
129 21.2 13.0 19.4#
127 29.3 15.0 22.6#

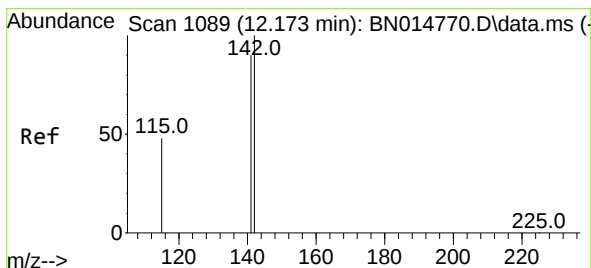
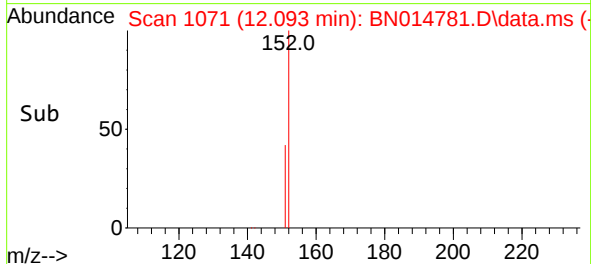
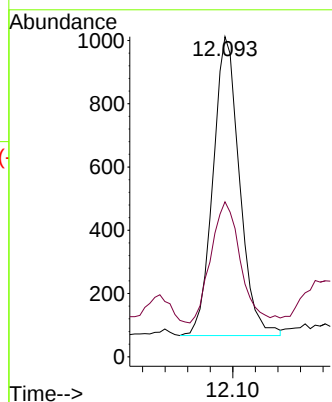
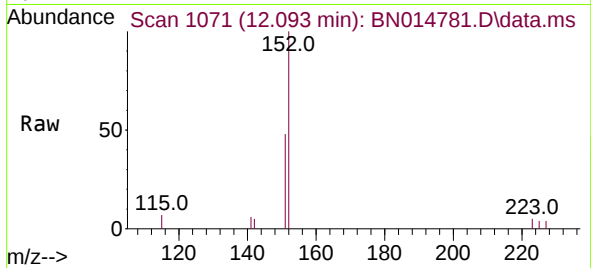




#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

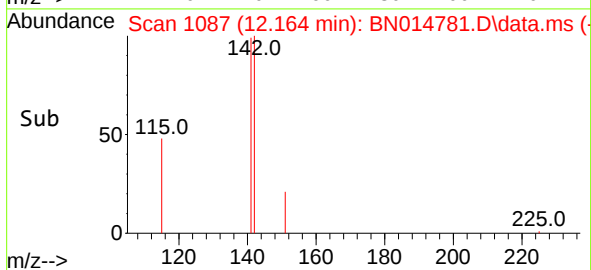
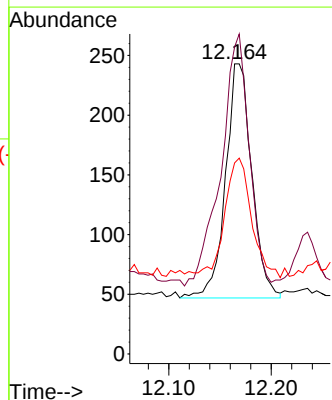
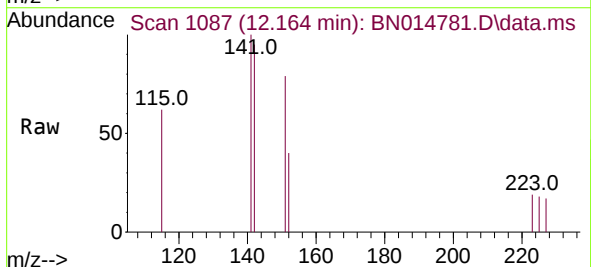
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ClientSampleId :
BP-VPB-RW8-GW-888-890

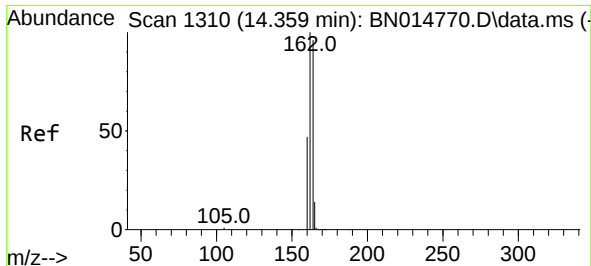
Tgt Ion:152 Resp: 1542
Ion Ratio Lower Upper
152 100
151 46.6 16.8 25.2#



#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.164 min Scan# 1087
Delta R.T. -0.009 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:142 Resp: 349
Ion Ratio Lower Upper
142 100
141 105.8 72.9 109.3
115 65.8 41.8 62.6#

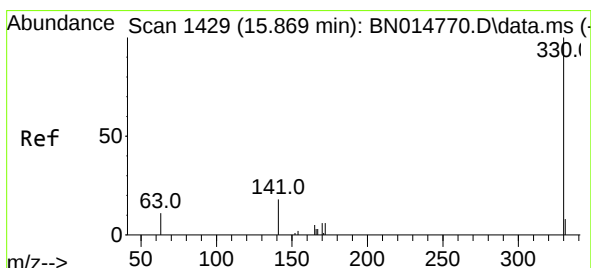
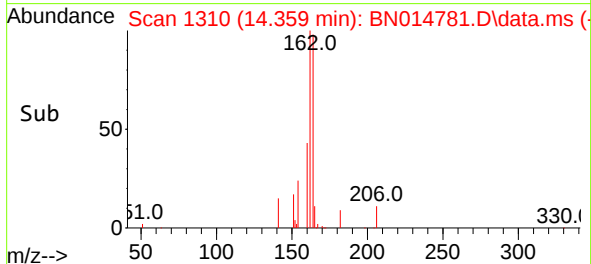
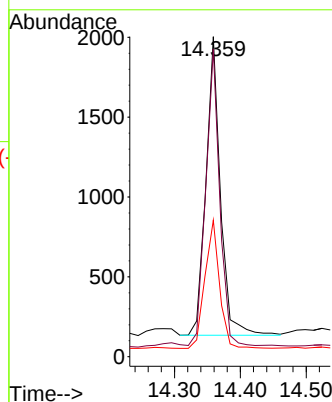
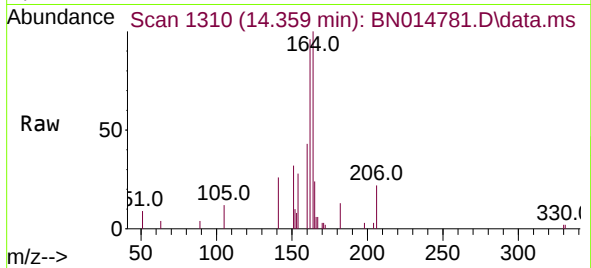




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

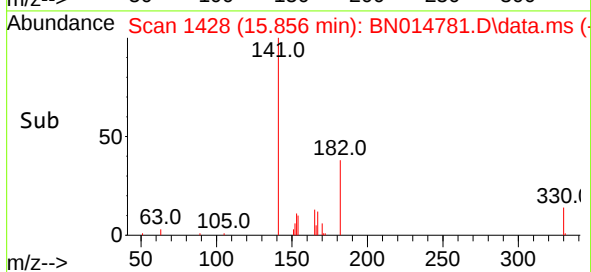
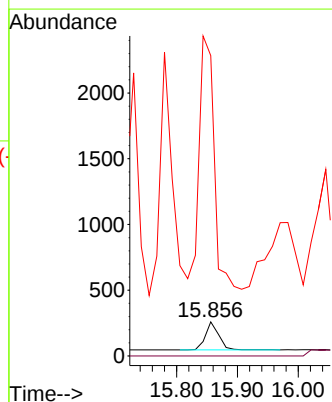
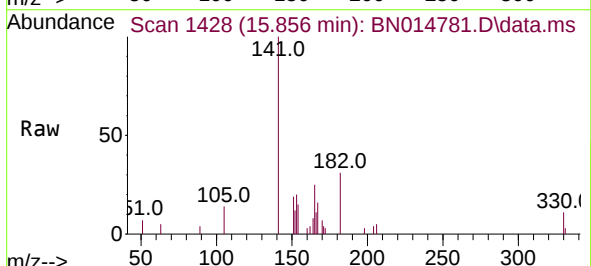
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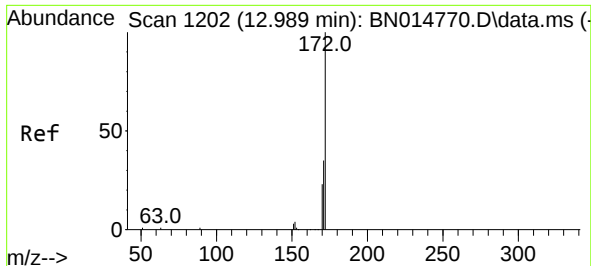
Tgt Ion:	164	Resp:	2868
Ion Ratio	Lower	Upper	
164	100		
162	96.1	83.2	124.8
160	42.7	41.8	62.6



#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:	330	Resp:	327
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	992.0	21.8	32.6#

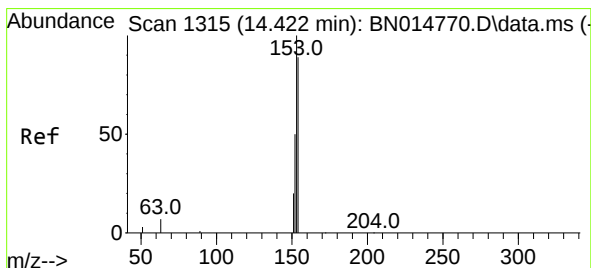
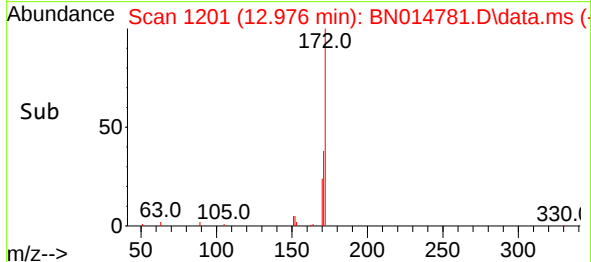
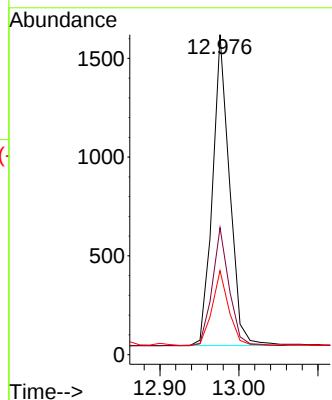
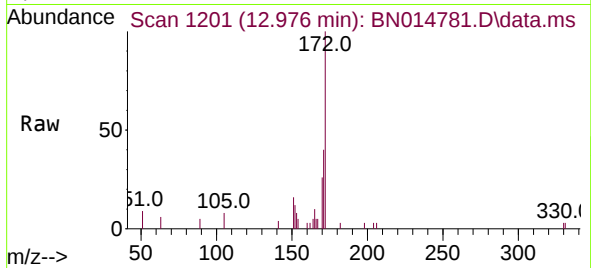




#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

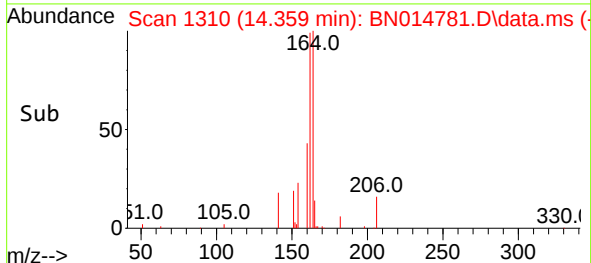
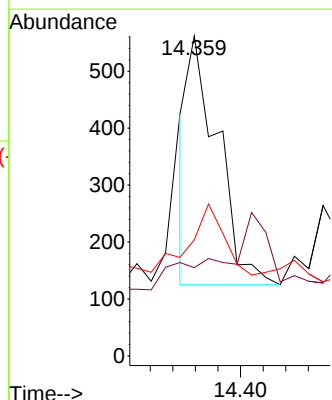
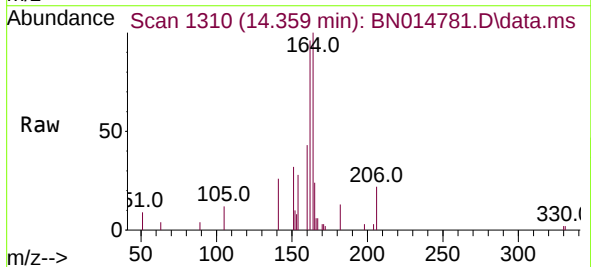
Instrument :
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ClientSampleId :
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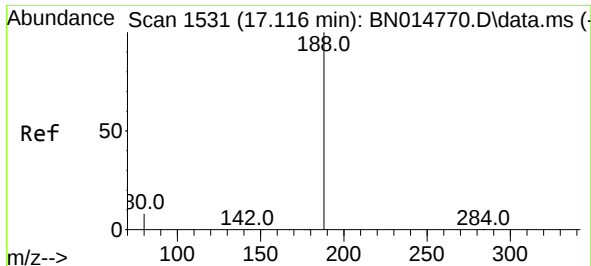
Tgt Ion:172	Resp:	2355
Ion Ratio	Lower	Upper
172	100	
171	39.7	30.9 46.3
170	26.2	21.4 32.0



#17
Acenaphthene
Concen: 0.10 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.063 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:154	Resp:	800
Ion Ratio	Lower	Upper
154	100	
153	0.0	91.8 137.8#
152	26.5	46.0 69.0#

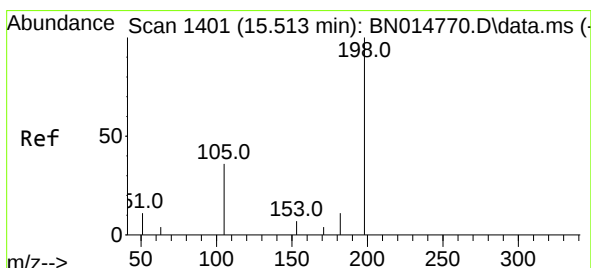
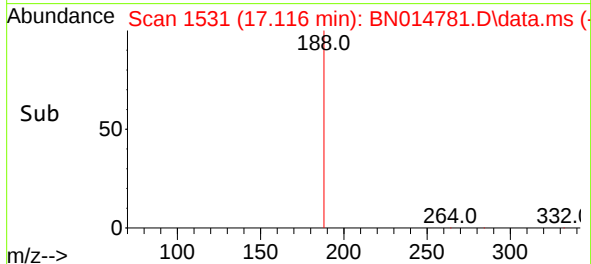
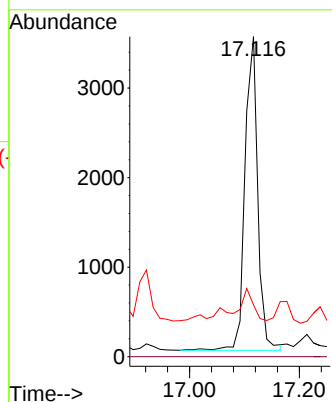
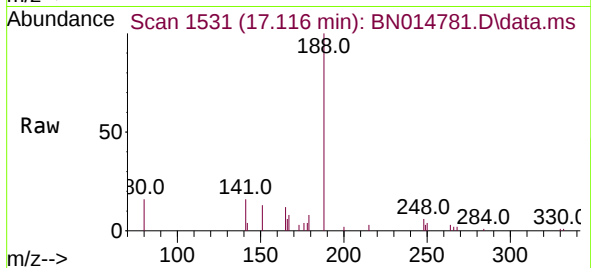




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.001 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

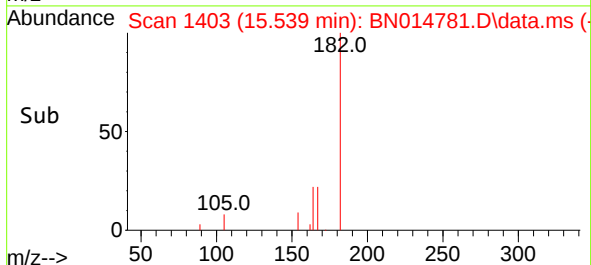
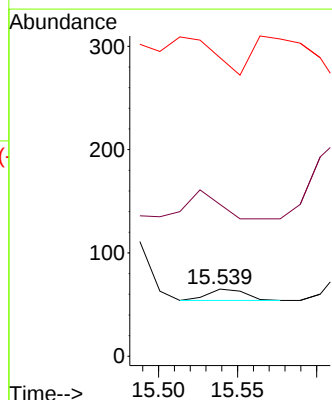
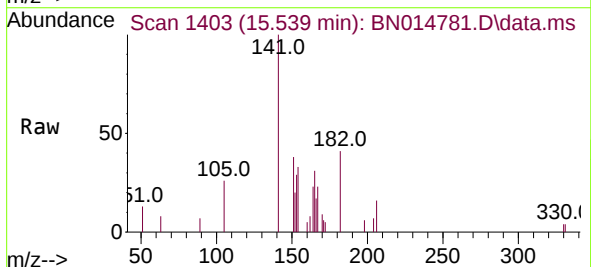
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

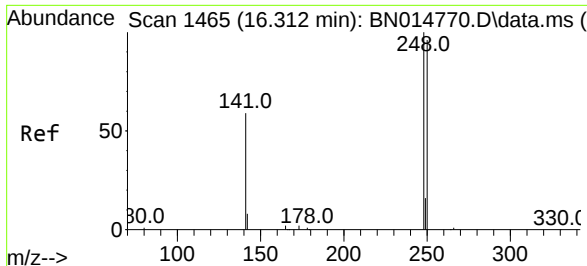
Tgt Ion:188	Resp:	5656
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	16.2	12.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.026 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:198	Resp:	18
Ion Ratio	Lower	Upper
198	100	
51	226.2	96.4
105	444.6	72.3

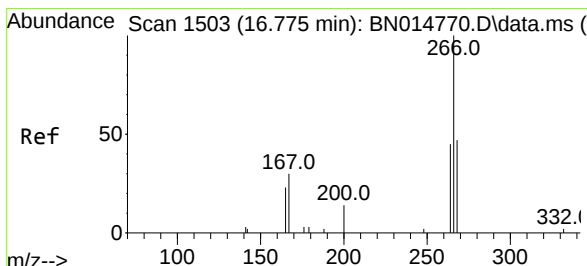
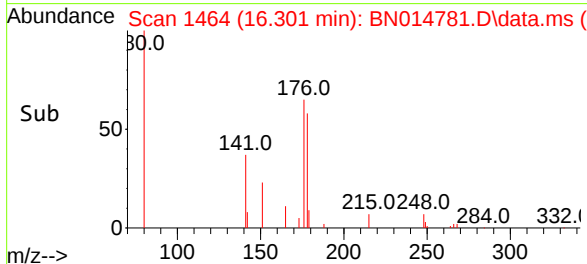
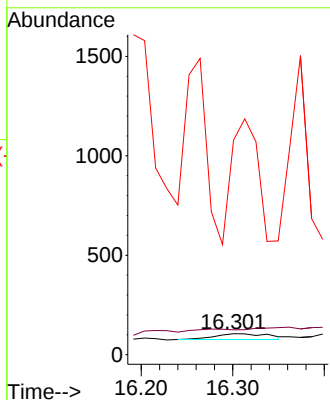
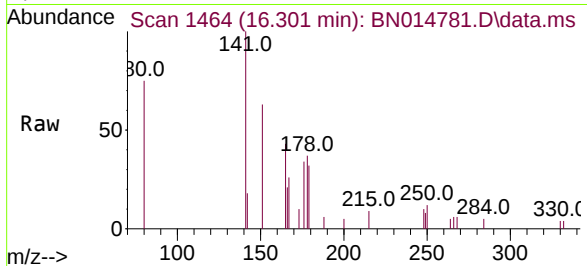




#21
4-Bromophenyl-phenylether
Concen: 0.03 ng
RT: 16.301 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

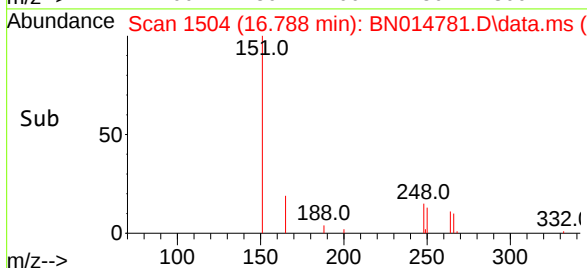
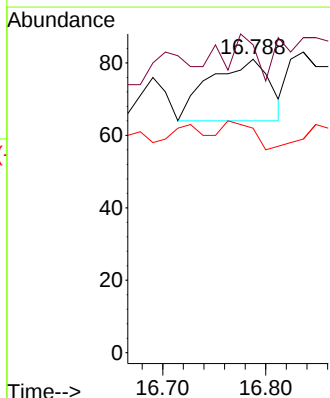
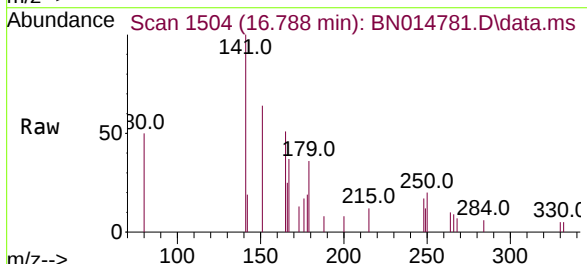
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

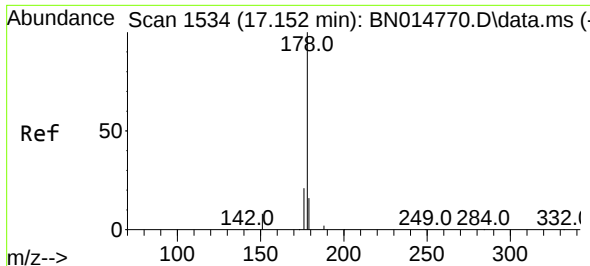
Tgt Ion:248 Resp: 115
Ion Ratio Lower Upper
248 100
250 117.9 77.5 116.3#
141 1017.9 50.2 75.4#



#24
Pentachlorophenol
Concen: 0.08 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.013 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
264 37.7 44.2 66.2#
268 0.0 44.2 66.2#

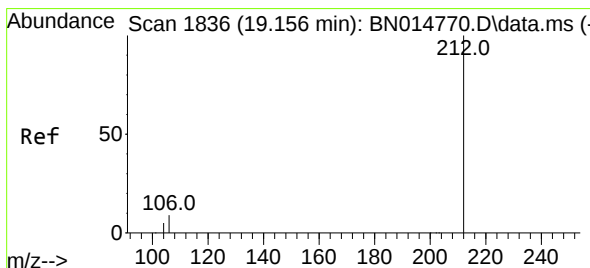
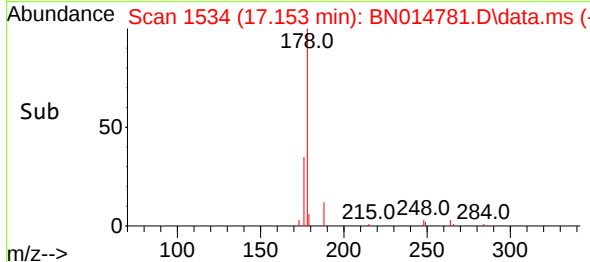
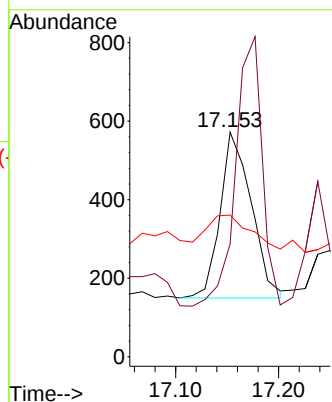
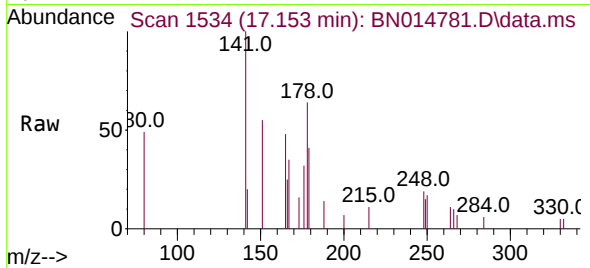




#25
Phenanthrene
Concen: 0.05 ng
RT: 17.153 min Scan# 1534
Delta R.T. 0.001 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

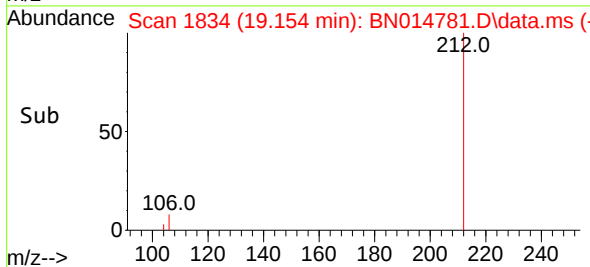
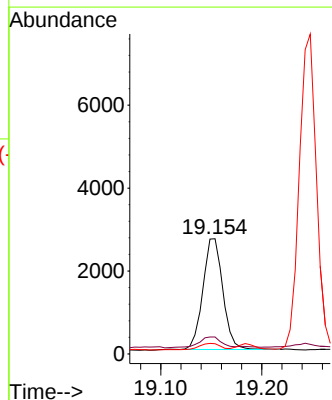
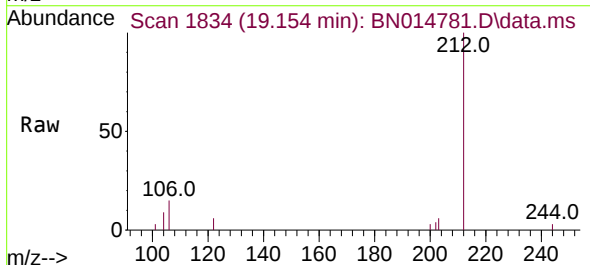
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

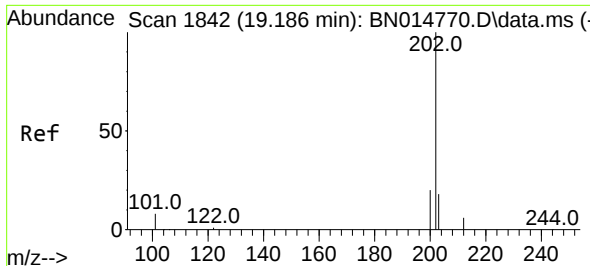
Tgt Ion:178 Resp: 887
Ion Ratio Lower Upper
178 100
176 0.0 16.0 24.0#
179 34.7 12.6 19.0#



#27
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:212 Resp: 3676
Ion Ratio Lower Upper
212 100
106 11.3 7.4 11.2#
104 0.0 4.1 6.1#

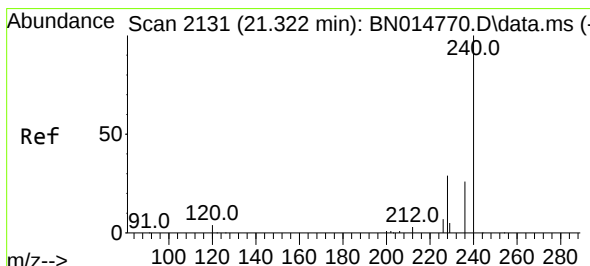
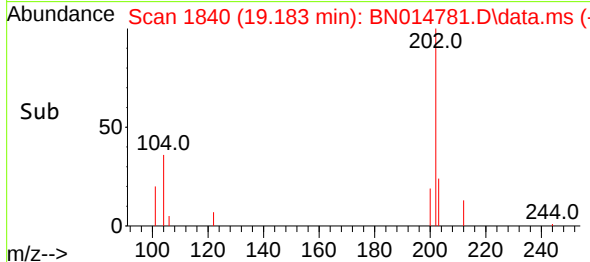
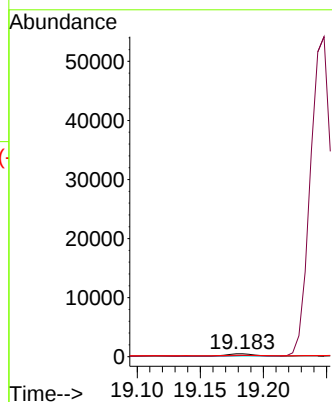
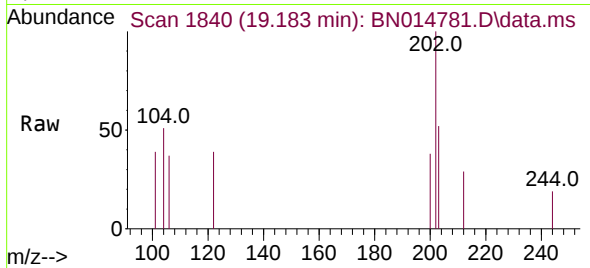




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

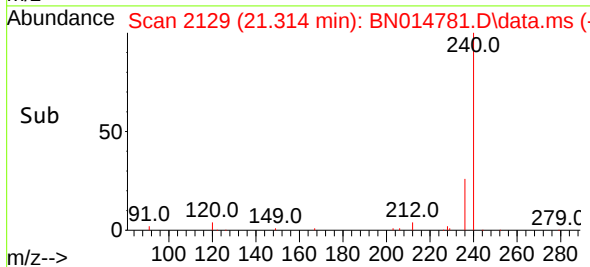
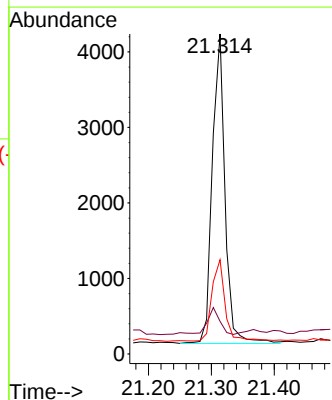
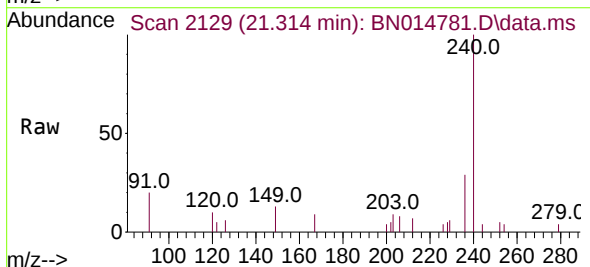
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

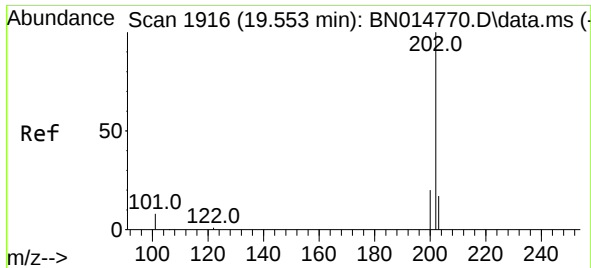
Tgt Ion:202 Resp: 546
Ion Ratio Lower Upper
202 100
101 0.0 7.0 10.6#
203 27.5 13.5 20.3#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:240 Resp: 5748
Ion Ratio Lower Upper
240 100
120 10.2 5.2 7.8#
236 29.5 21.6 32.4

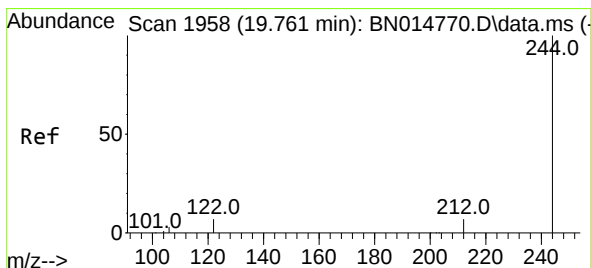
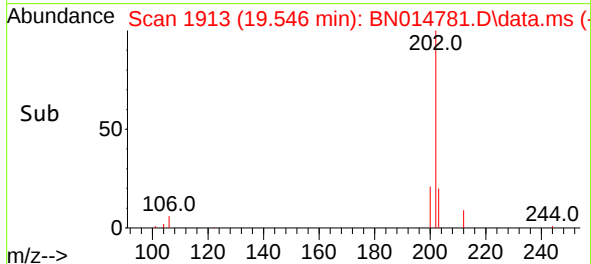
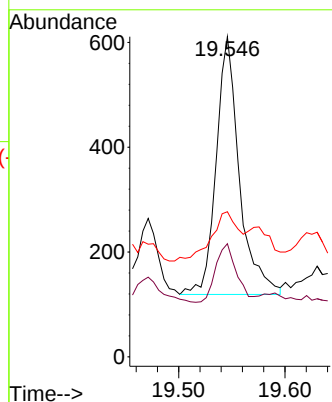
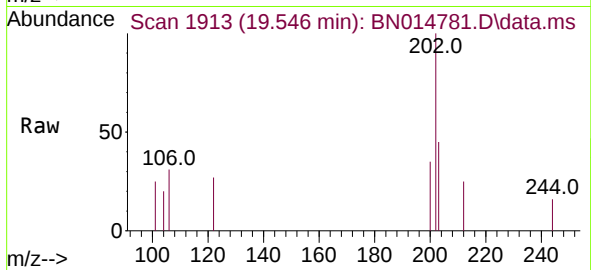




#30
Pyrene
Concen: 0.05 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.007 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

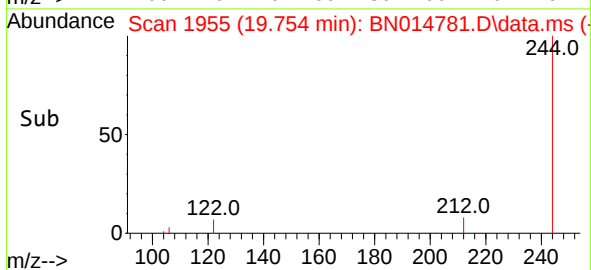
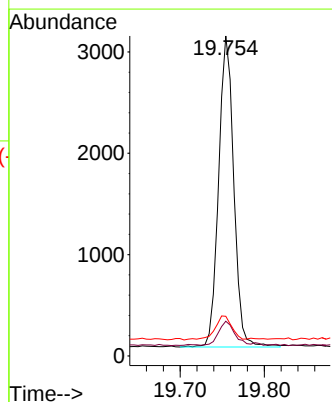
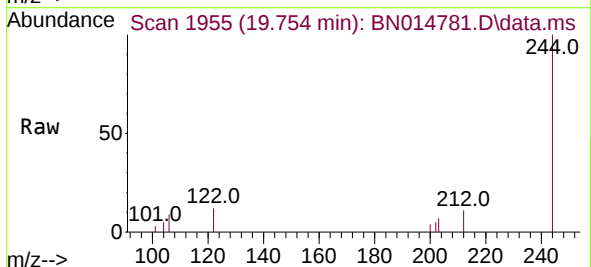
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

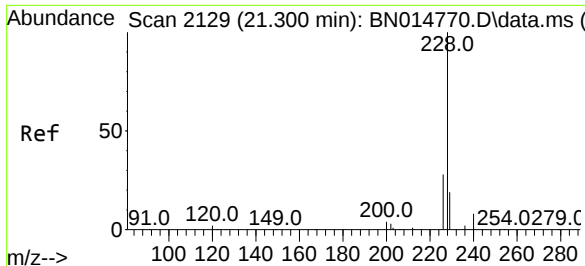
Tgt Ion:202	Resp:	745
Ion Ratio	Lower	Upper
202	100	
200	20.5	16.6 24.8
203	22.4	13.9 20.9#



#31
Terphenyl-d14
Concen: 0.28 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:244	Resp:	3828
Ion Ratio	Lower	Upper
244	100	
212	10.8	6.8 10.2#
122	12.4	6.6 9.8#

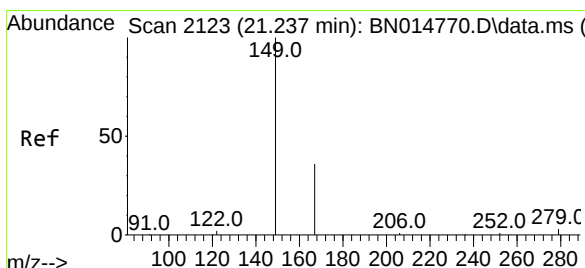
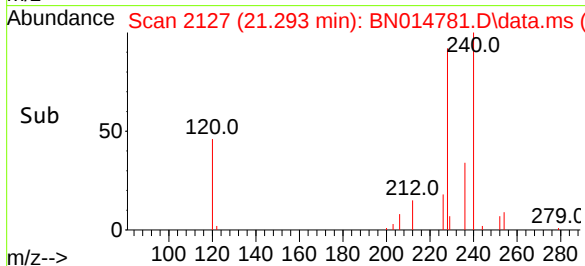
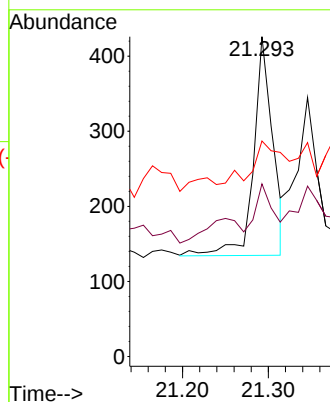
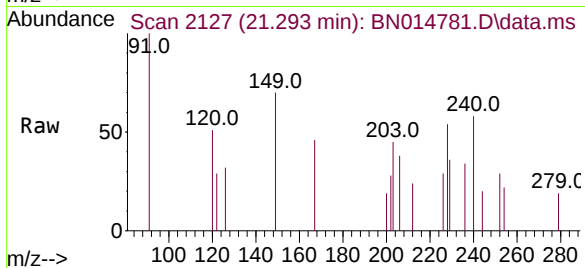




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.293 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

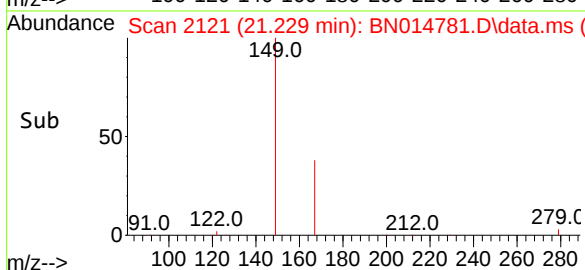
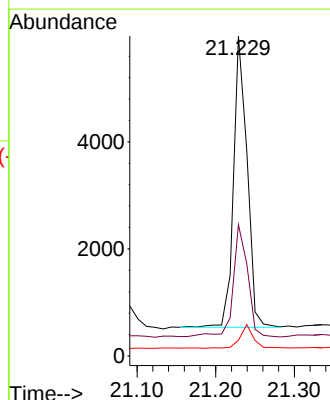
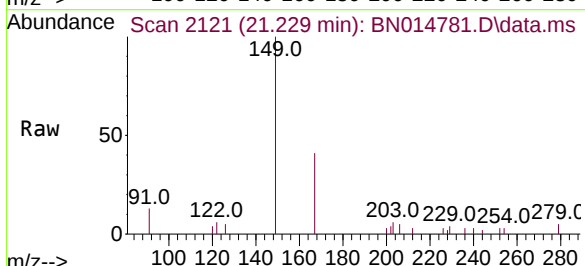
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

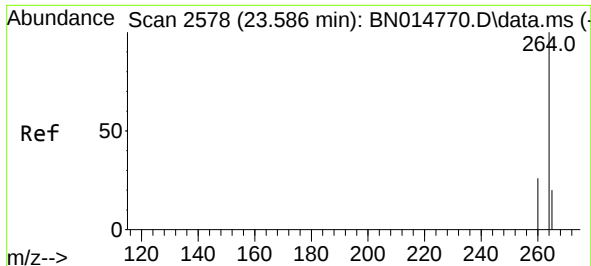
Tgt Ion:228 Resp: 453
Ion Ratio Lower Upper
228 100
226 54.0 22.9 34.3#
229 67.4 16.2 24.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.32 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.008 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:149 Resp: 6532
Ion Ratio Lower Upper
149 100
167 41.3 28.3 42.5
279 7.9 5.5 8.3

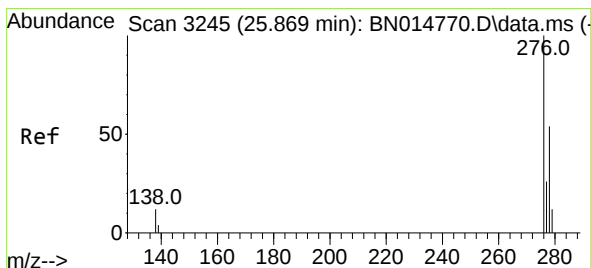
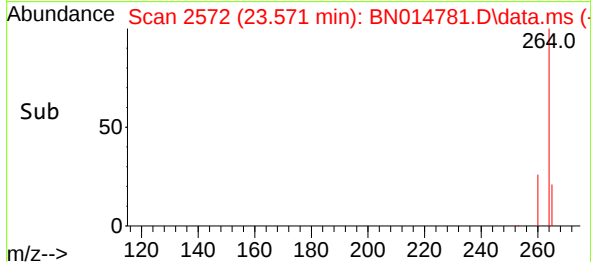
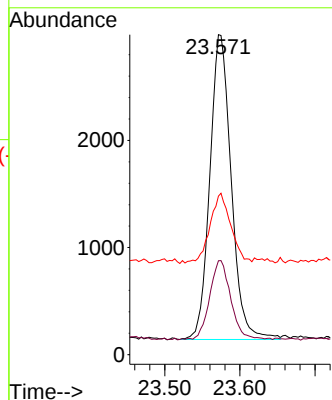
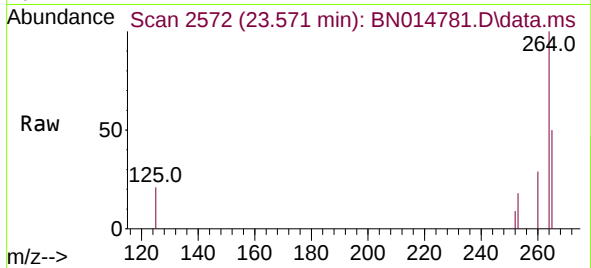




#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.571 min Scan# 2572
 Delta R.T. -0.014 min
 Lab File: BN014781.D
 Acq: 27 May 2021 01:19

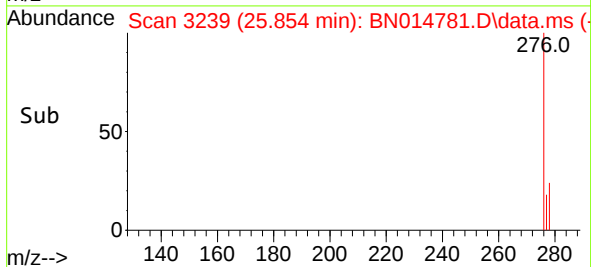
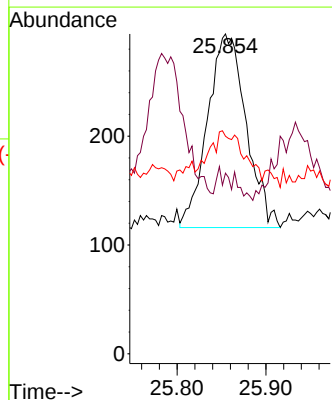
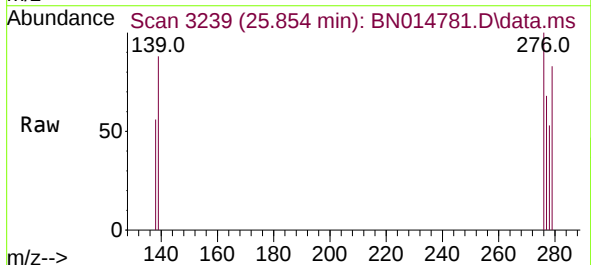
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

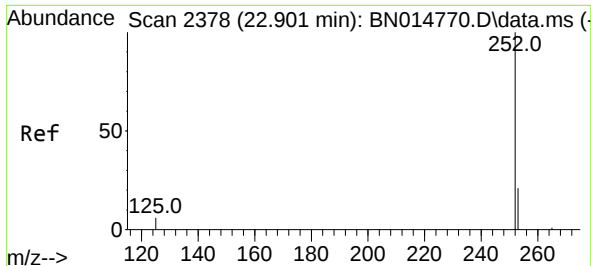
Tgt Ion:264 Resp: 5628
 Ion Ratio Lower Upper
 264 100
 260 29.3 21.4 32.2
 265 49.5 40.9 61.3



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.854 min Scan# 3239
 Delta R.T. -0.014 min
 Lab File: BN014781.D
 Acq: 27 May 2021 01:19

Tgt Ion:276 Resp: 538
 Ion Ratio Lower Upper
 276 100
 138 3.2 10.2 15.4#
 277 22.1 20.4 30.6

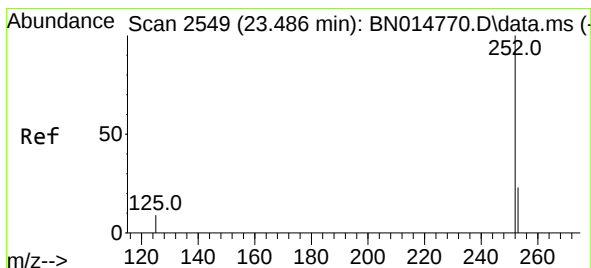
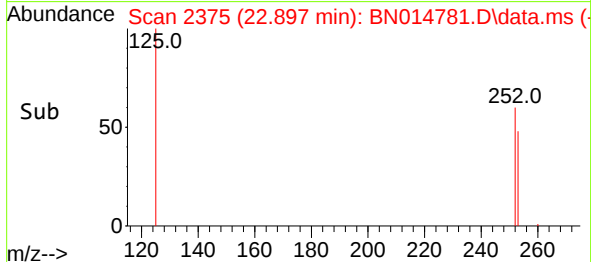
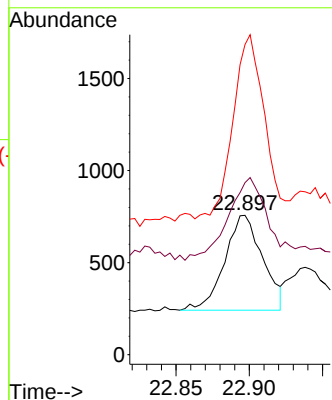
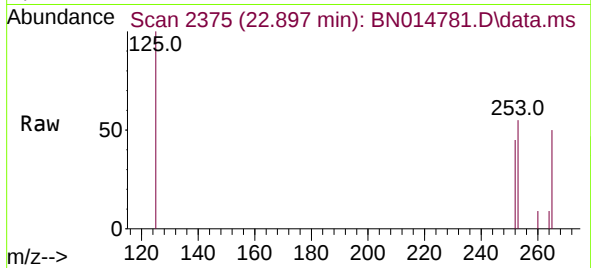




#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.897 min Scan# 2375
Delta R.T. -0.004 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

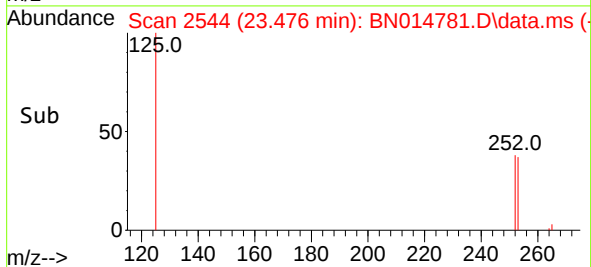
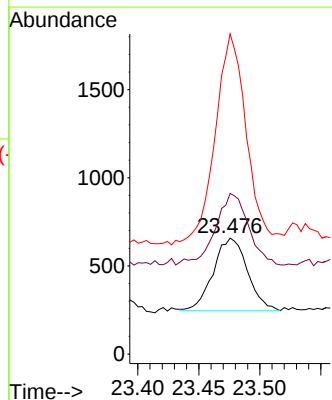
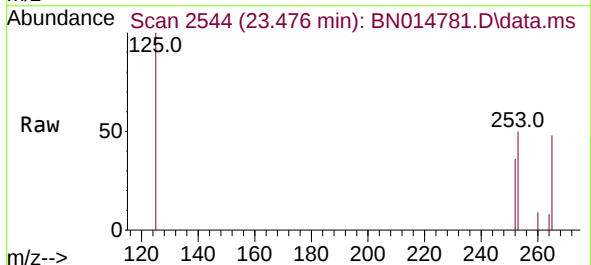
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

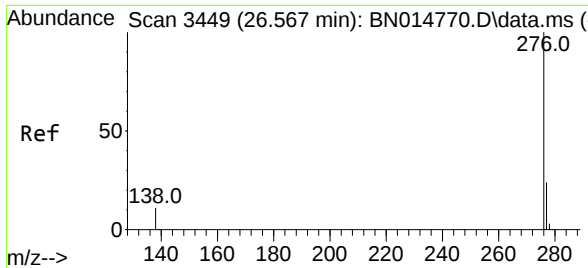
Tgt Ion:252 Resp: 928
Ion Ratio Lower Upper
252 100
253 123.4 21.5 32.3#
125 222.5 6.6 10.0#



#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.476 min Scan# 2544
Delta R.T. -0.011 min
Lab File: BN014781.D
Acq: 27 May 2021 01:19

Tgt Ion:252 Resp: 802
Ion Ratio Lower Upper
252 100
253 138.4 25.1 37.7#
125 276.0 9.4 14.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.549 min Scan# 3442
 Delta R.T. -0.018 min
 Lab File: BN014781.D
 Acq: 27 May 2021 01:19

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

Tgt Ion:	276	Resp:	490
Ion	Ratio	Lower	Upper
276	100		
277	69.7	20.9	31.3#
138	58.3	10.3	15.5#

