

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
 Data File : BN014790.D
 Acq On : 27 May 2021 13:52
 Operator : CG/JU
 Sample : M2472-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 27 14:20:45 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)

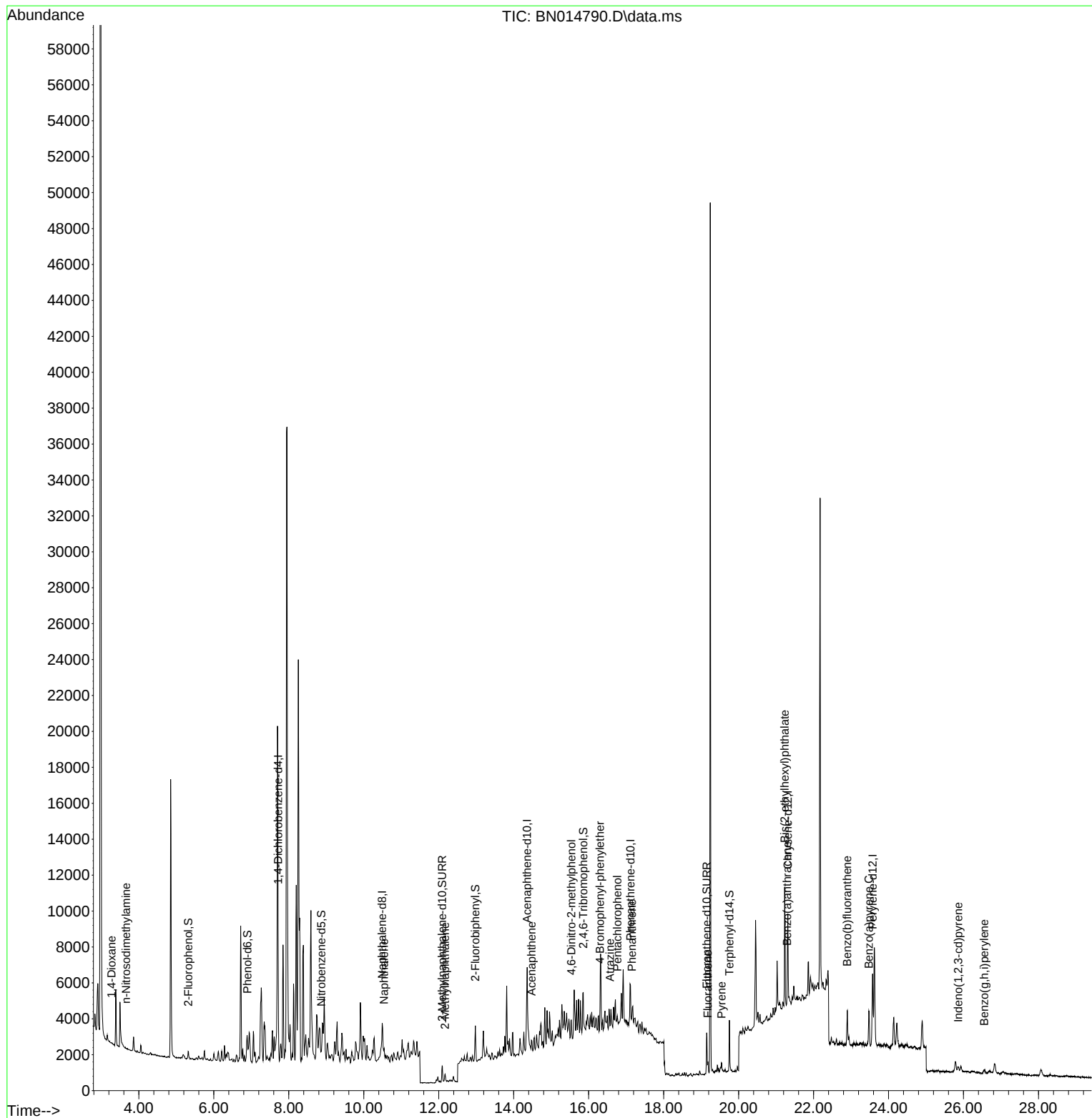
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	750	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	2723	0.40	ng	-0.01
13) Acenaphthene-d10	14.359	164	2049	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	4099	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	4998	0.40	ng	# 0.00
35) Perylene-d12	23.575	264	5517	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	328	0.16	ng	0.00
5) Phenol-d6	6.895	99	483	0.18	ng	0.00
8) Nitrobenzene-d5	8.870	82	632	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	1135	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	230	0.19	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	1652	0.22	ng	-0.01
27) Fluoranthene-d10	19.148	212	2908	0.18	ng	0.00
31) Terphenyl-d14	19.754	244	2995	0.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.271	88	24	0.03	ng	# 31
3) n-Nitrosodimethylamine	3.657	42	14	0.24	ng	# 1
9) Naphthalene	10.543	128	613	0.08	ng	# 74
12) 2-Methylnaphthalene	12.168	142	259	0.05	ng	# 88
17) Acenaphthene	14.473	154	273	0.05	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.539	198	11	0.05	ng	# 1
21) 4-Bromophenyl-phenylether	16.301	248	66	0.02	ng	# 1
23) Atrazine	16.568	200	45	0.02	ng	# 1
24) Pentachlorophenol	16.763	266	18	0.03	ng	# 12
25) Phenanthrene	17.153	178	688	0.06	ng	# 1
28) Fluoranthene	19.178	202	416	0.02	ng	# 80
30) Pyrene	19.546	202	551	0.04	ng	# 78
32) Benzo(a)anthracene	21.292	228	387	0.03	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.229	149	5577	1.29	ng	93
36) Indeno(1,2,3-cd)pyrene	25.858	276	523	0.02	ng	# 87
37) Benzo(b)fluoranthene	22.897	252	1011	0.05	ng	# 1
39) Benzo(a)pyrene	23.472	252	820	0.05	ng	# 1
41) Benzo(g,h,i)perylene	26.549	276	496	0.02	ng	# 6

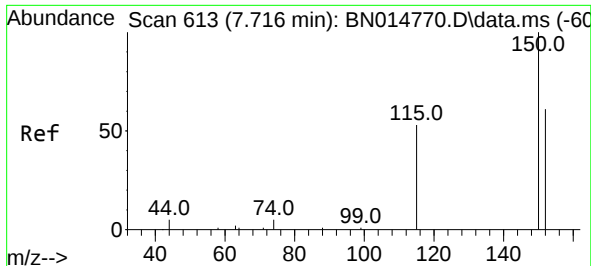
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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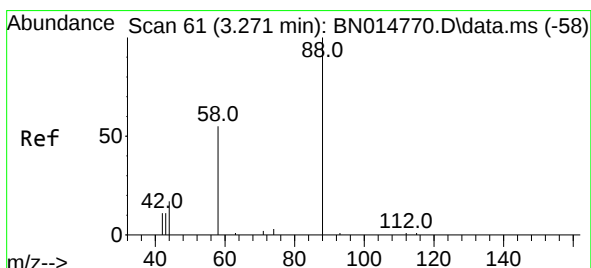
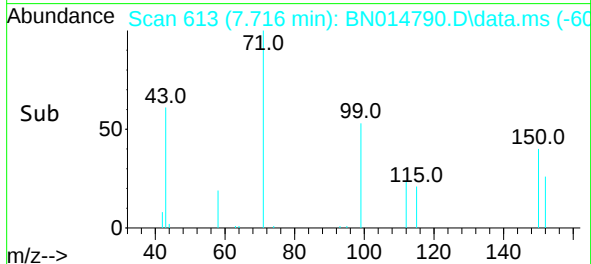
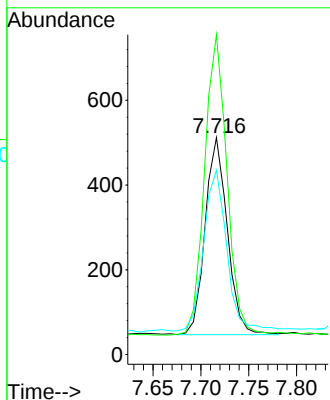
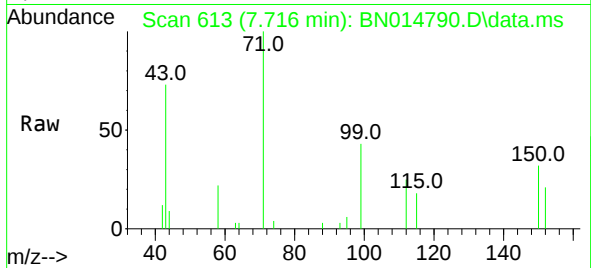




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.716 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: BN014790.D
 Acq: 27 May 2021 13:52

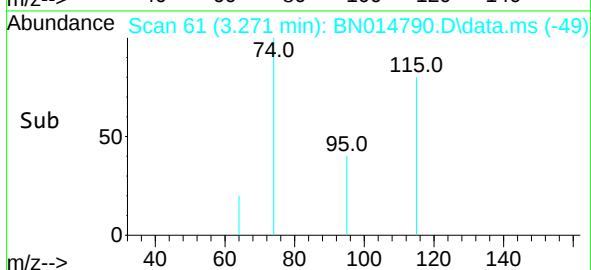
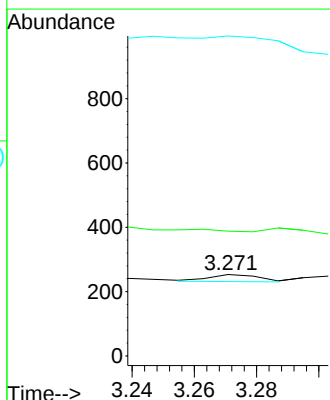
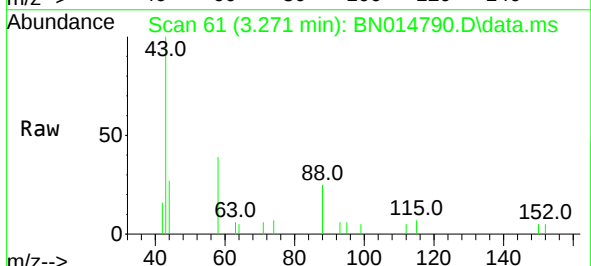
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 ClientSampleId :
 BP-VPB-RW8-GW-888-890

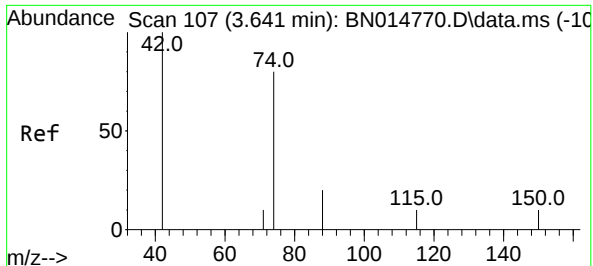
Tgt Ion:152 Resp: 750
 Ion Ratio Lower Upper
 152 100
 150 147.5 123.4 185.2
 115 85.0 73.2 109.8



#2
 1,4-Dioxane
 Concen: 0.03 ng
 RT: 3.271 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN014790.D
 Acq: 27 May 2021 13:52

Tgt Ion: 88 Resp: 24
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.7 67.1#
 43 0.0 21.0 31.6#

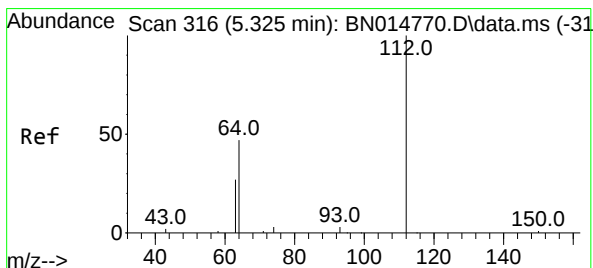
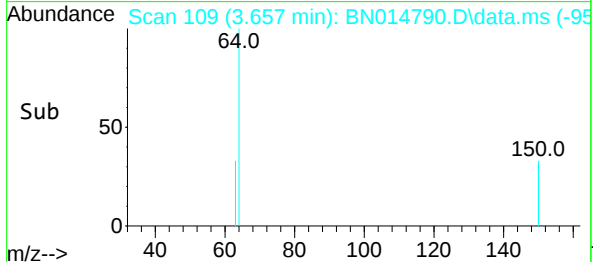
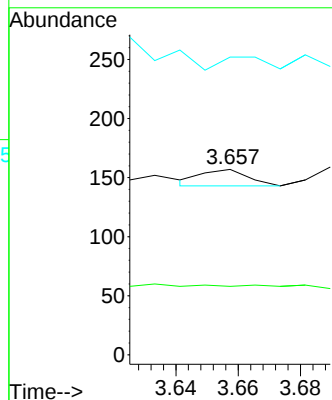
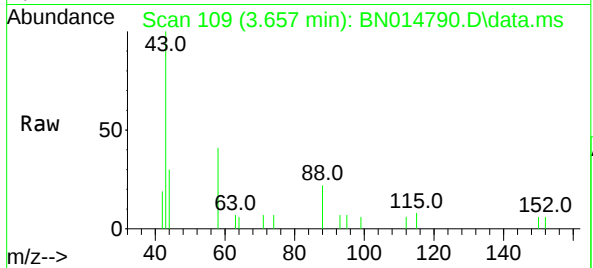




#3
n-Nitrosodimethylamine
Concen: 0.24 ng
RT: 3.657 min Scan# 109
Delta R.T. 0.016 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

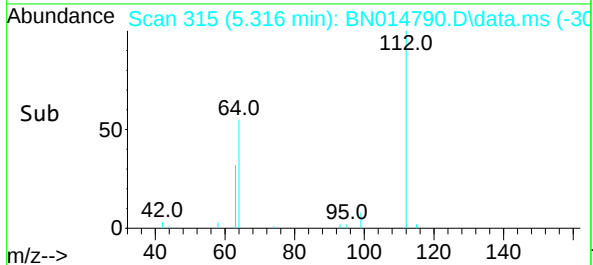
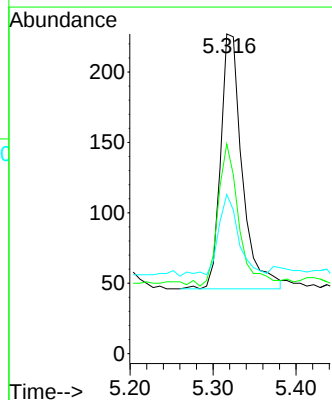
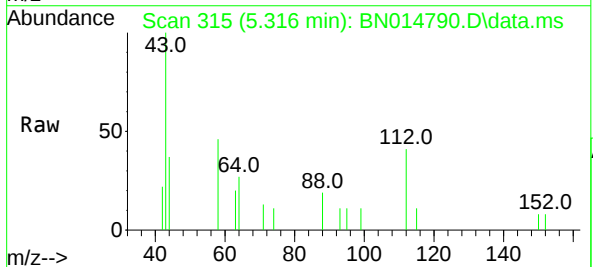
Instrument :
BNA_N
ClientSampleId :
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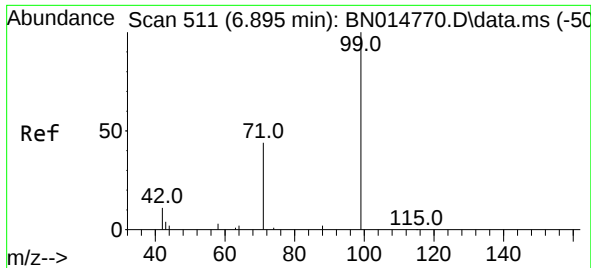
Tgt Ion: 42 Resp: 14
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 80.0 120.0#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.316 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion: 112 Resp: 328
Ion Ratio Lower Upper
112 100
64 53.7 43.6 65.4
63 30.8 25.0 37.6

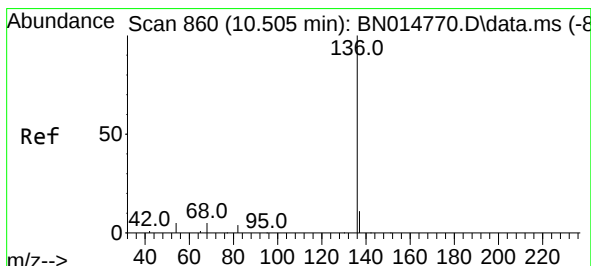
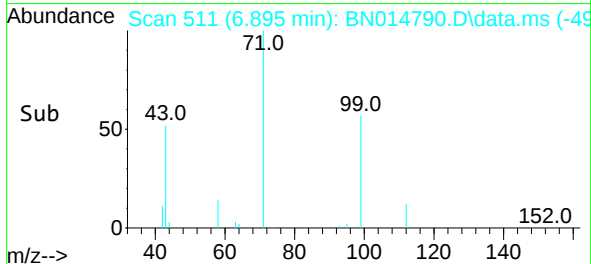
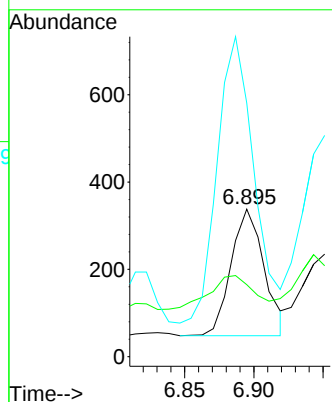
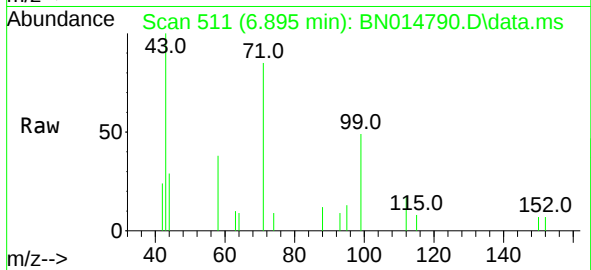




#5
Phenol-d6
Concen: 0.18 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

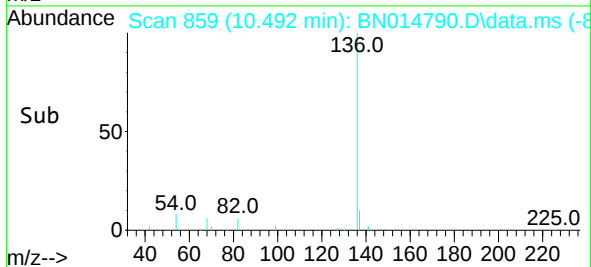
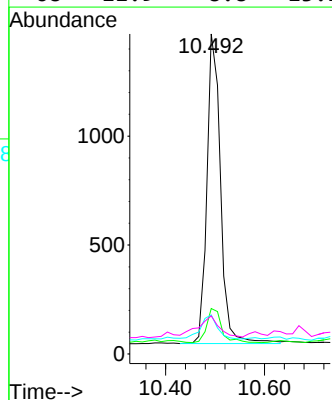
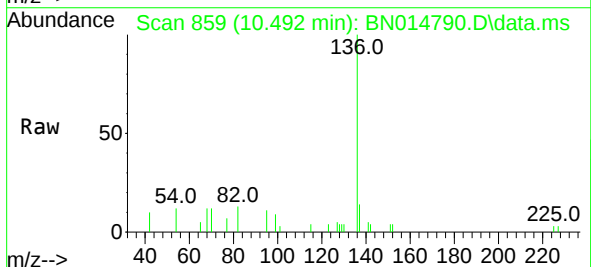
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

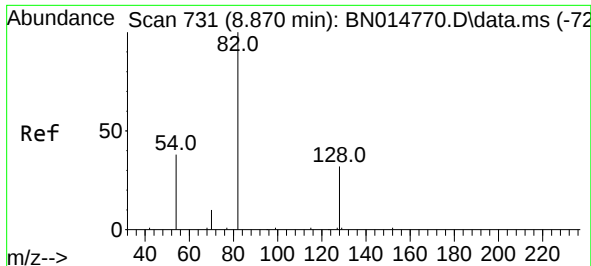
Tgt Ion: 99 Resp: 483
Ion Ratio Lower Upper
99 100
42 34.4 10.2 15.2#
71 251.3 32.4 48.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:136 Resp: 2723
Ion Ratio Lower Upper
136 100
137 14.2 13.2 19.8
54 12.2 9.0 13.4
68 11.9 8.8 13.2

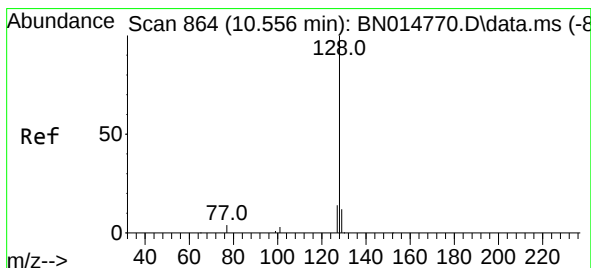
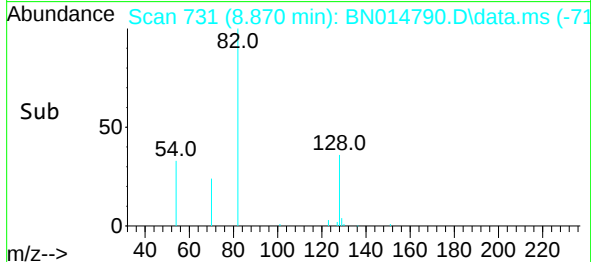
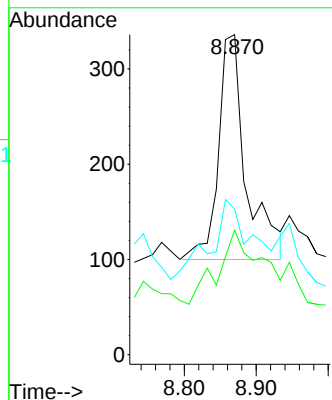
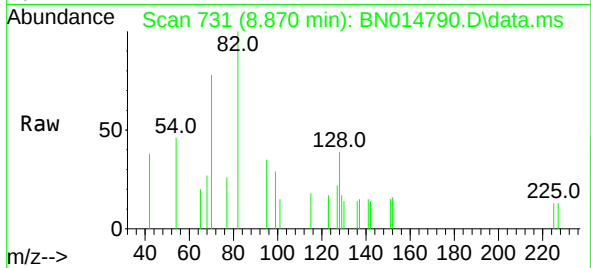




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

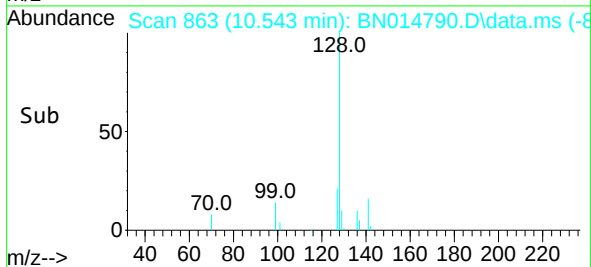
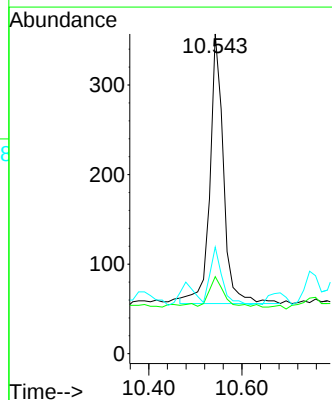
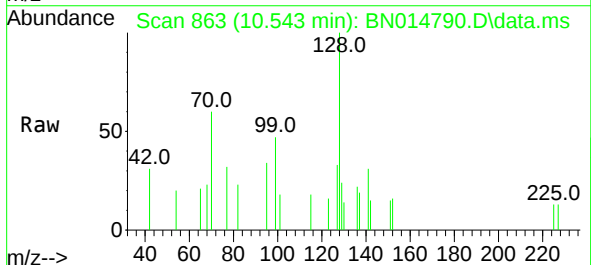
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

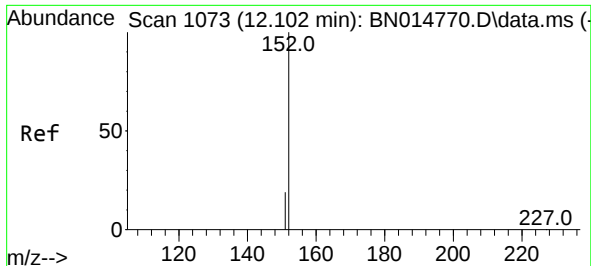
Tgt Ion: 82 Resp: 632
Ion Ratio Lower Upper
82 100
128 39.0 34.2 51.2
54 45.5 38.4 57.6



#9
Naphthalene
Concen: 0.08 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion: 128 Resp: 613
Ion Ratio Lower Upper
128 100
129 24.1 13.0 19.4#
127 33.3 15.0 22.6#

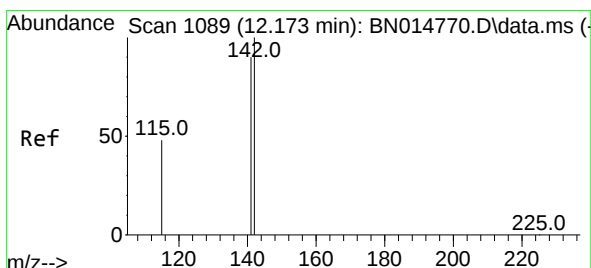
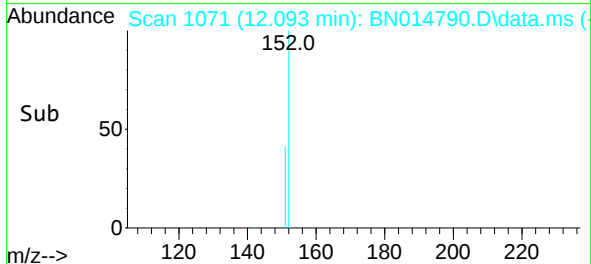
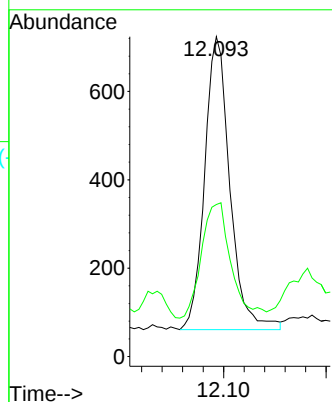
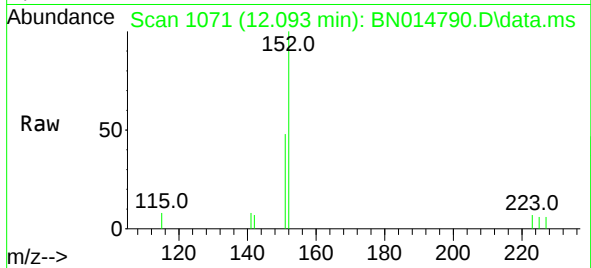




#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

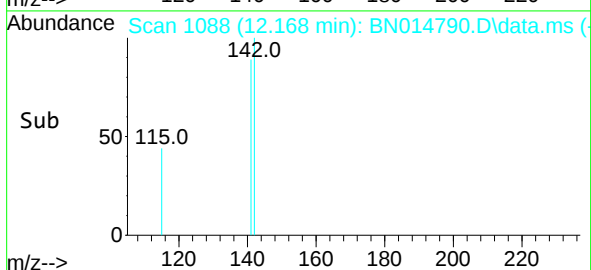
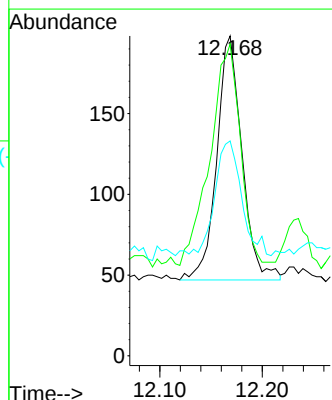
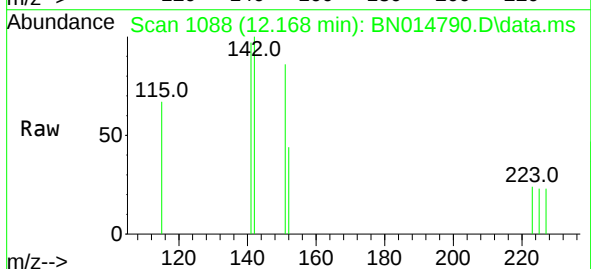
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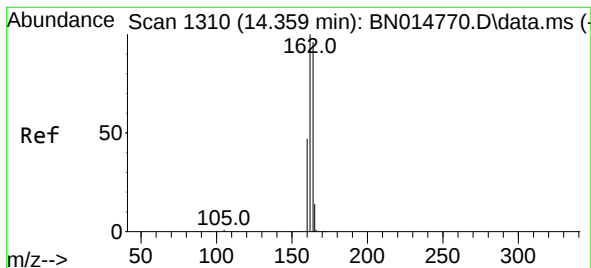
Tgt Ion:152 Resp: 1135
Ion Ratio Lower Upper
152 100
151 45.8 16.8 25.2#



#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.168 min Scan# 1088
Delta R.T. -0.005 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:142 Resp: 259
Ion Ratio Lower Upper
142 100
141 97.5 72.9 109.3
115 67.2 41.8 62.6#

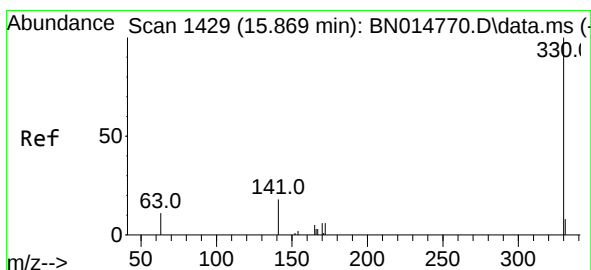
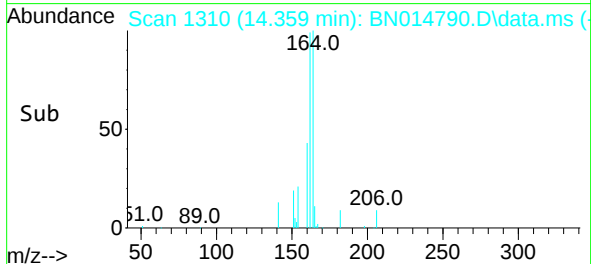
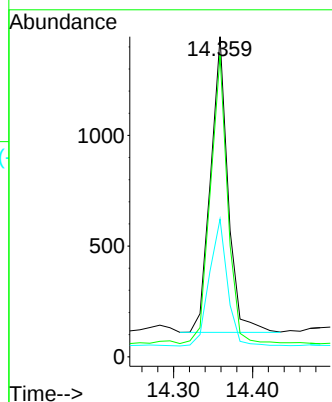
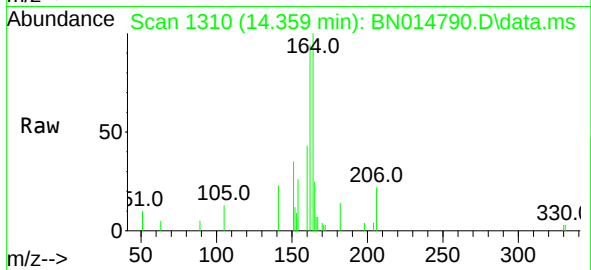




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

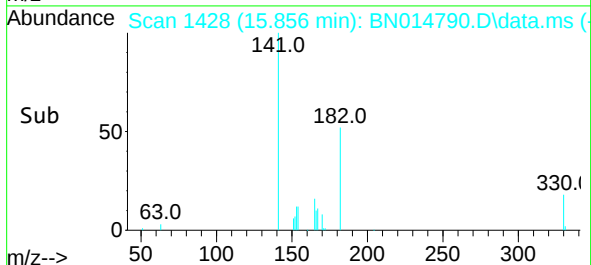
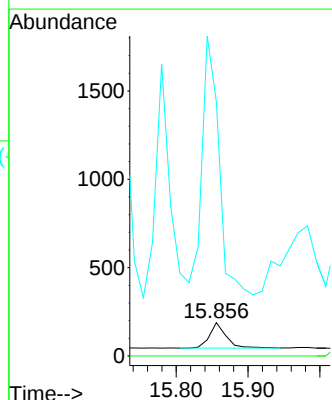
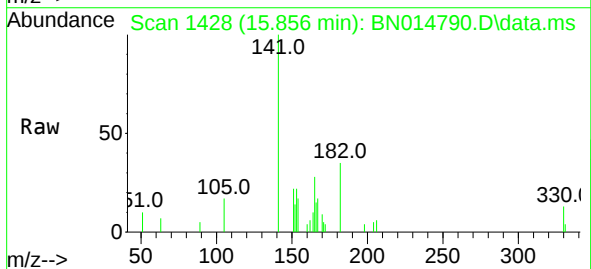
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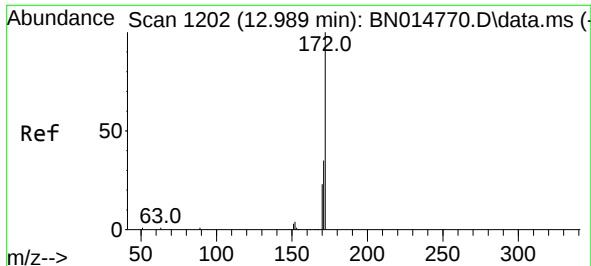
Tgt Ion:	164	Resp:	2049
Ion Ratio	Lower	Upper	
164	100		
162	94.1	83.2	124.8
160	43.0	41.8	62.6



#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:	330	Resp:	230
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	1017.8	21.8	32.6#

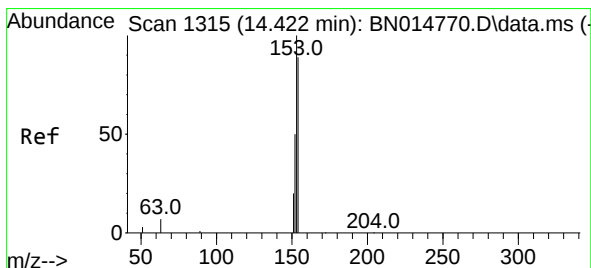
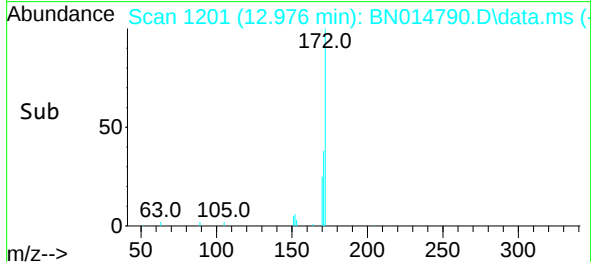
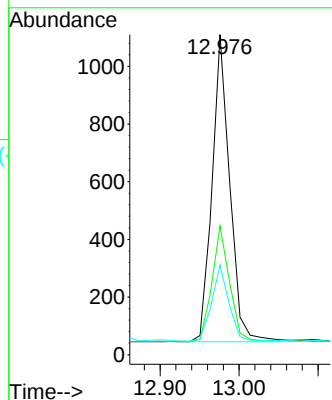
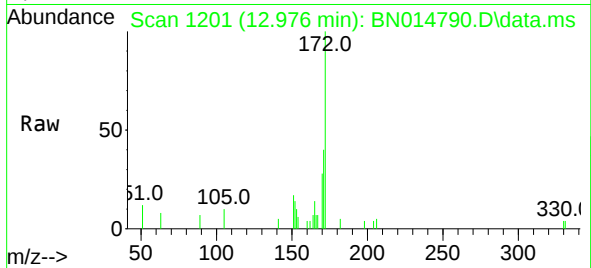




#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

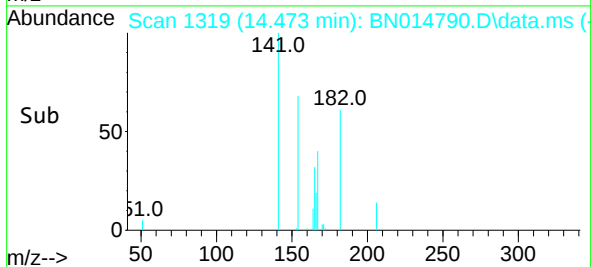
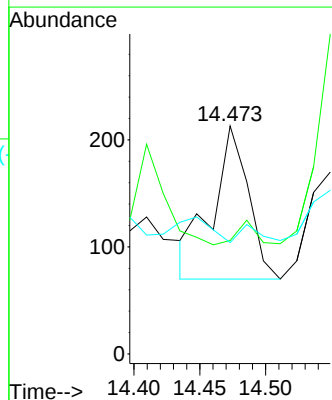
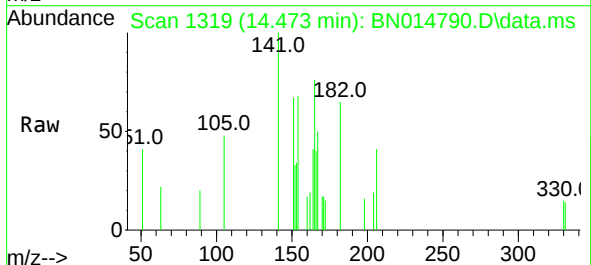
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BP-VPB-RW8-GW-888-890

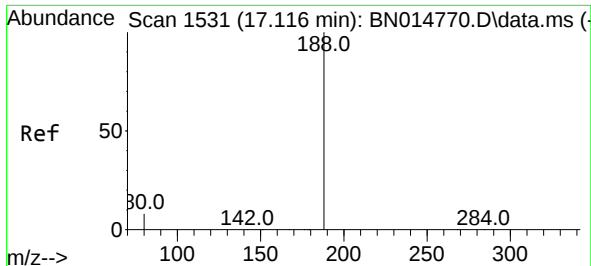
Tgt Ion:	172	Resp:	1652
Ion	Ratio	Lower	Upper
172	100		
171	40.3	30.9	46.3
170	28.0	21.4	32.0



#17
Acenaphthene
Concen: 0.05 ng
RT: 14.473 min Scan# 1319
Delta R.T. 0.051 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:	154	Resp:	273
Ion	Ratio	Lower	Upper
154	100		
153	8.4	91.8	137.8#
152	7.7	46.0	69.0#

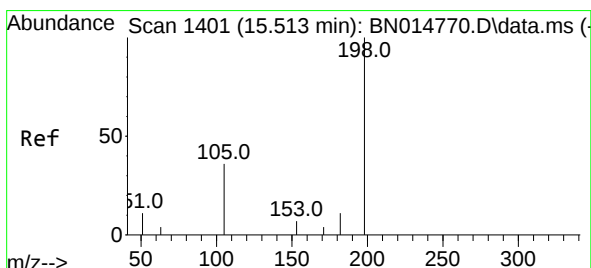
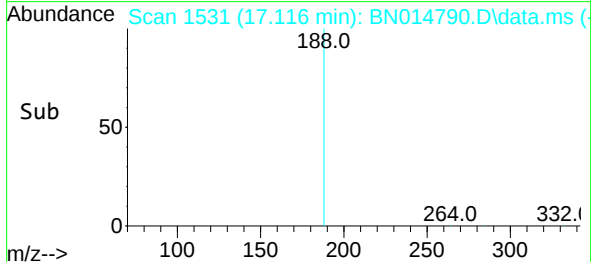
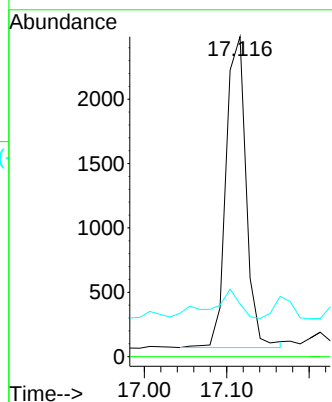
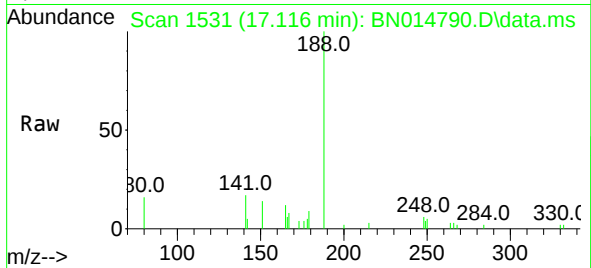




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

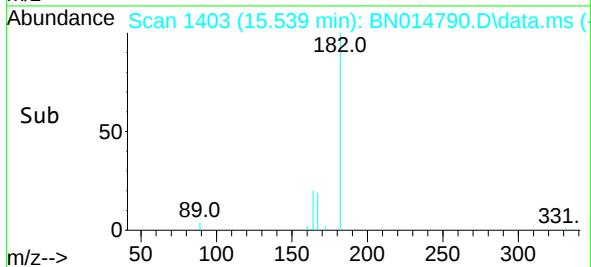
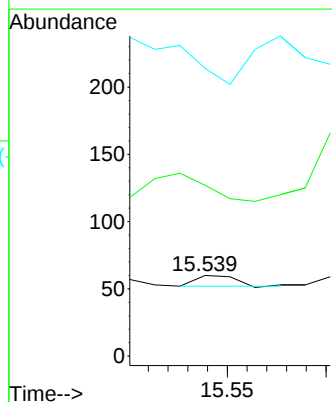
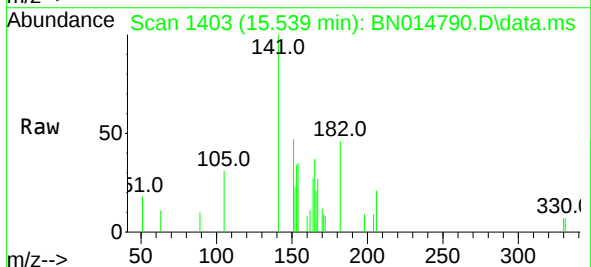
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

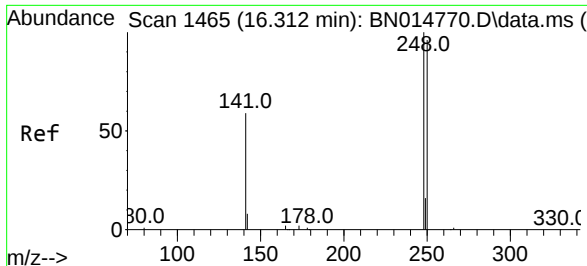
Tgt Ion:188 Resp: 4099
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.5 8.2 12.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.026 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

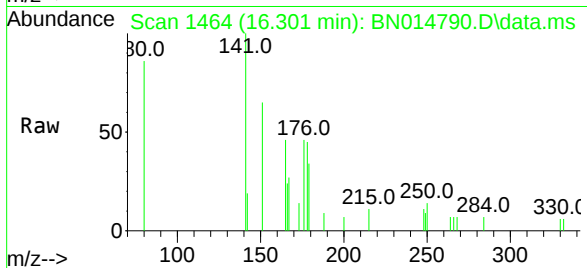
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 211.7 96.4 144.6#
105 356.7 72.3 108.5#



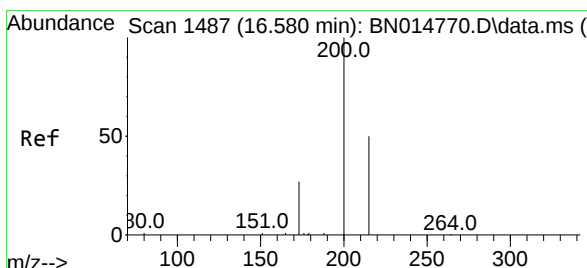
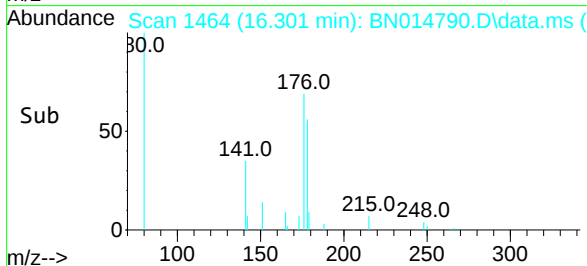
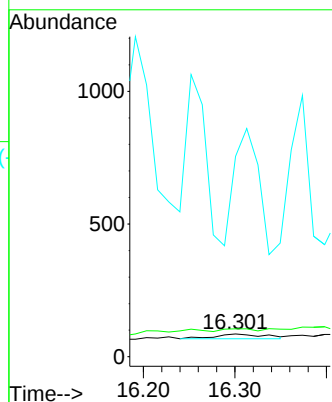


#21
4-Bromophenyl-phenylether
Concen: 0.02 ng
RT: 16.301 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

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

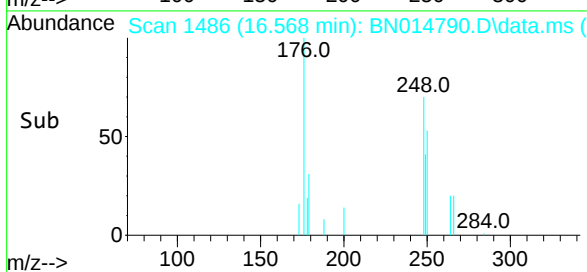
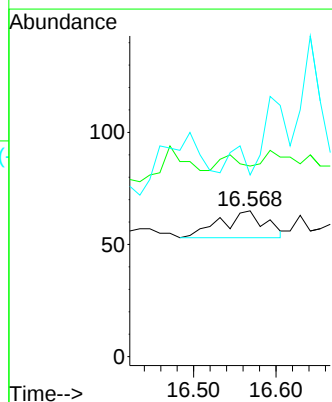
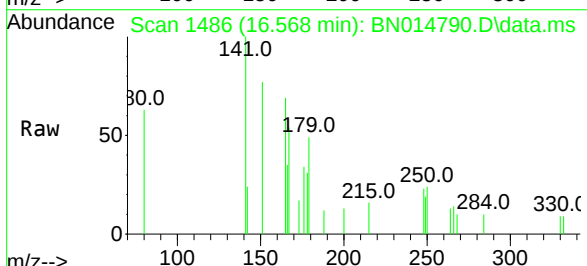


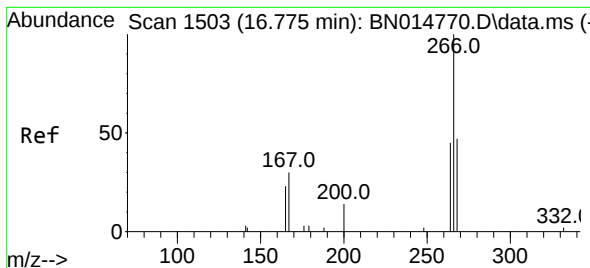
Tgt Ion:248 Resp: 66
Ion Ratio Lower Upper
248 100
250 122.1 77.5 116.3#
141 877.9 50.2 75.4#



#23
Atrazine
Concen: 0.02 ng
RT: 16.568 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:200 Resp: 45
Ion Ratio Lower Upper
200 100
173 130.8 29.1 43.7#
215 124.6 45.1 67.7#

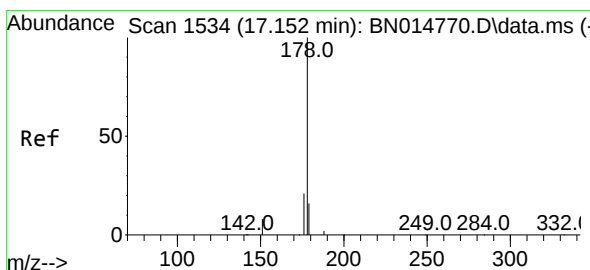
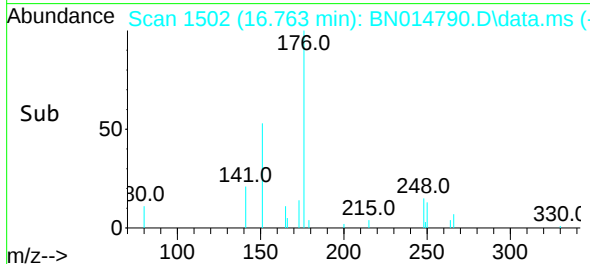
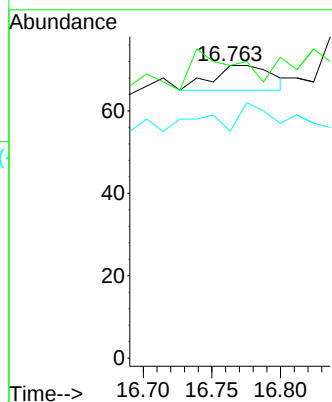
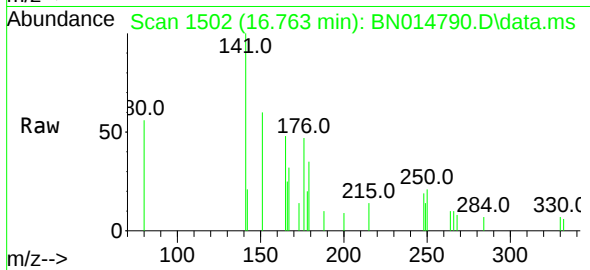




#24
Pentachlorophenol
Concen: 0.03 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

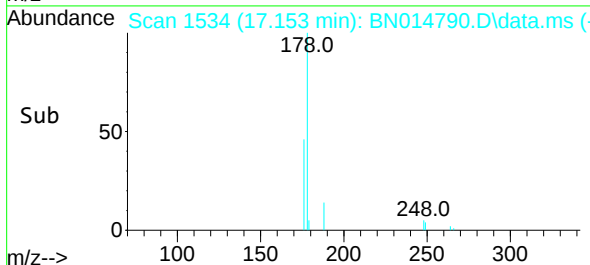
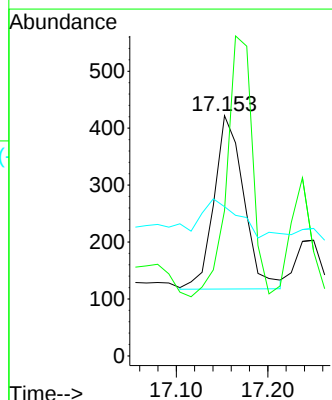
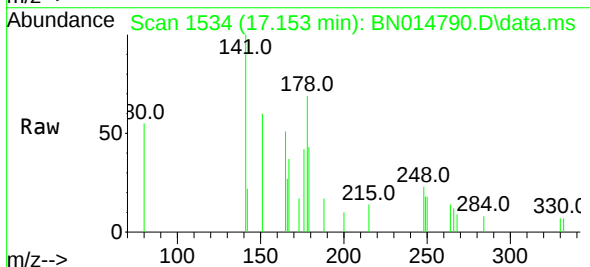
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

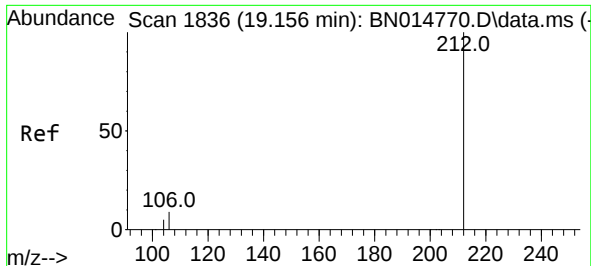
Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
264 0.0 44.2 66.2#
268 127.8 44.2 66.2#



#25
Phenanthrene
Concen: 0.06 ng
RT: 17.153 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:178 Resp: 688
Ion Ratio Lower Upper
178 100
176 128.2 16.0 24.0#
179 0.0 12.6 19.0#

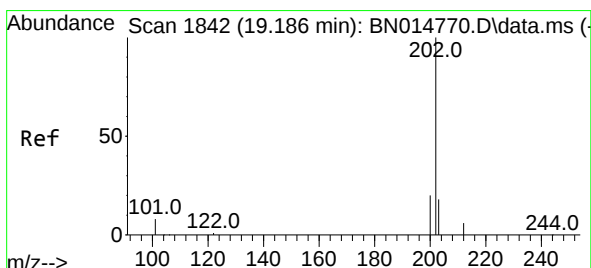
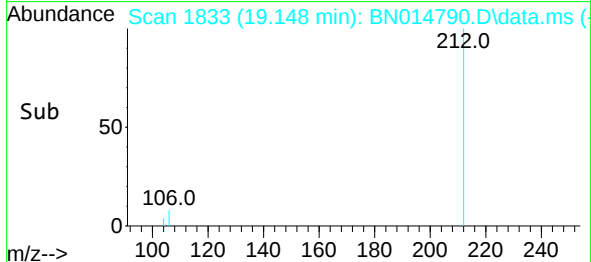
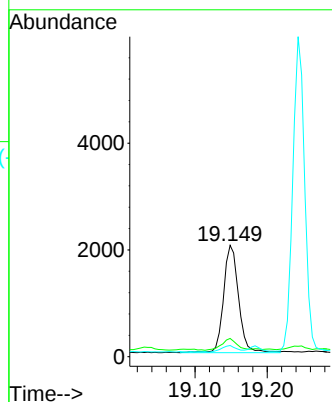
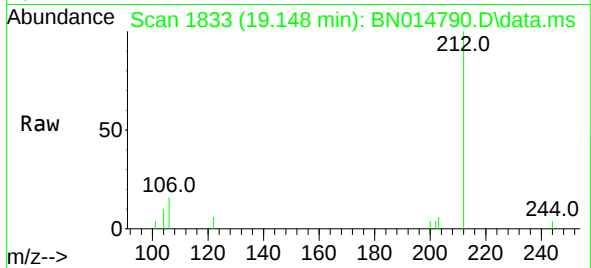




#27
Fluoranthene-d10
Concen: 0.18 ng
RT: 19.148 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

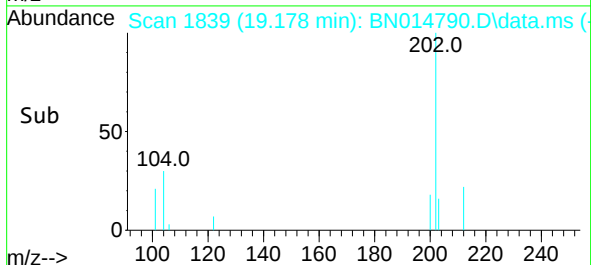
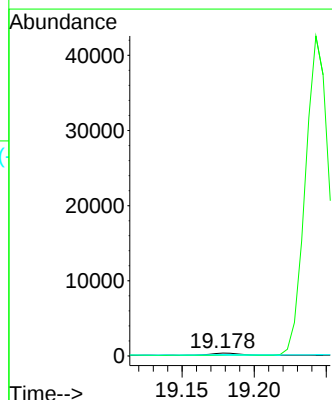
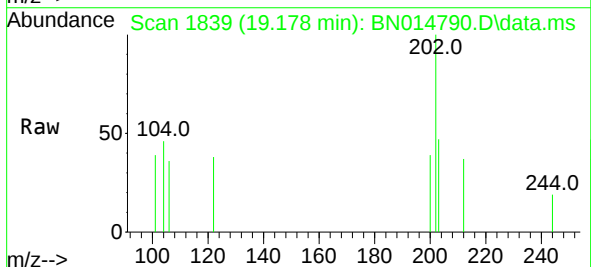
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

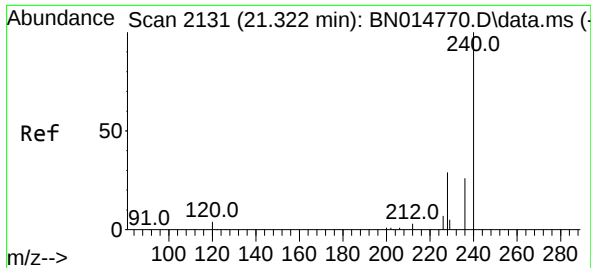
Tgt Ion:212 Resp: 2908
Ion Ratio Lower Upper
212 100
106 11.0 7.4 11.2
104 0.0 4.1 6.1#



#28
Fluoranthene
Concen: 0.02 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:202 Resp: 416
Ion Ratio Lower Upper
202 100
101 0.0 7.0 10.6#
203 24.3 13.5 20.3#

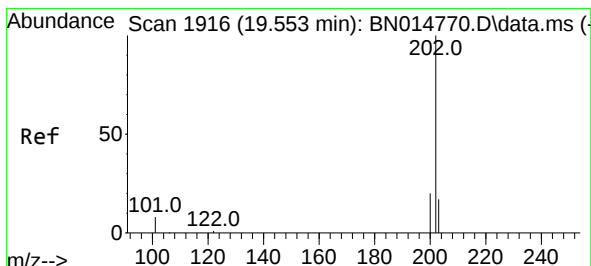
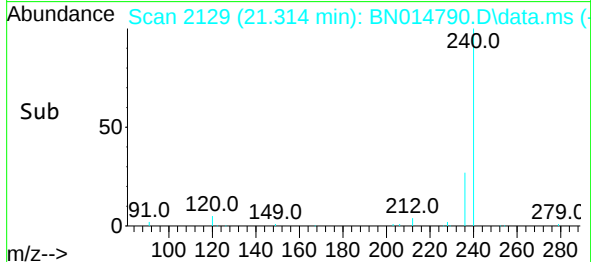
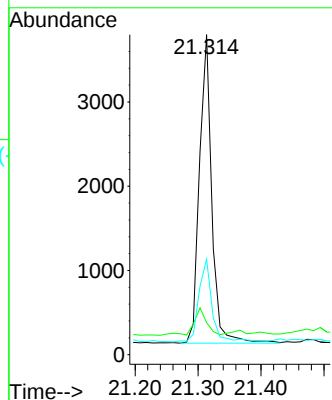
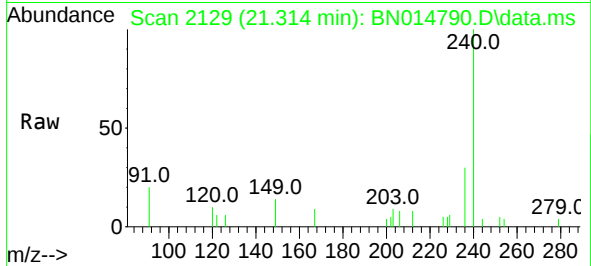




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

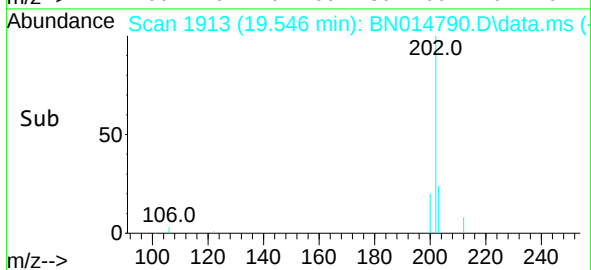
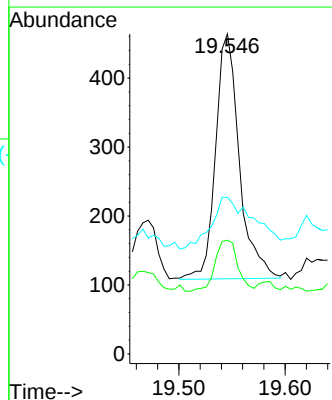
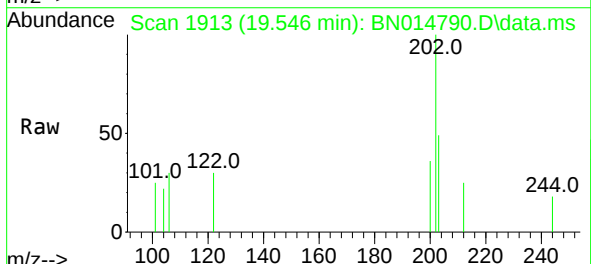
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

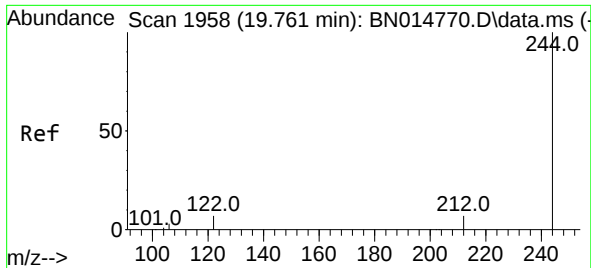
Tgt Ion:240 Resp: 4998
Ion Ratio Lower Upper
240 100
120 10.0 5.2 7.8#
236 29.8 21.6 32.4



#30
Pyrene
Concen: 0.04 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.007 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

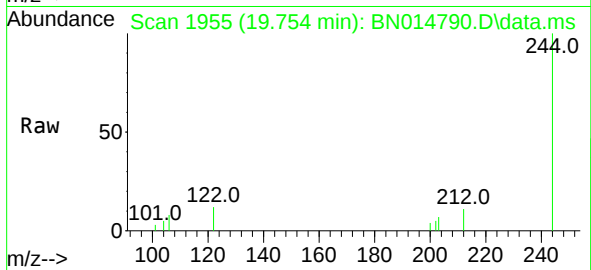
Tgt Ion:202 Resp: 551
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 37.4 13.9 20.9#



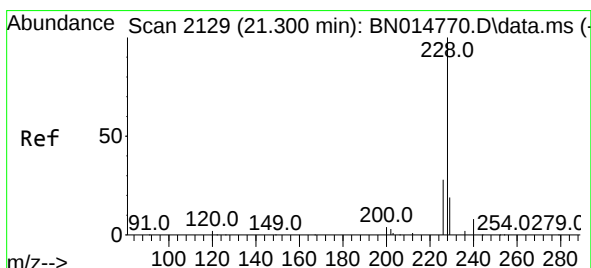
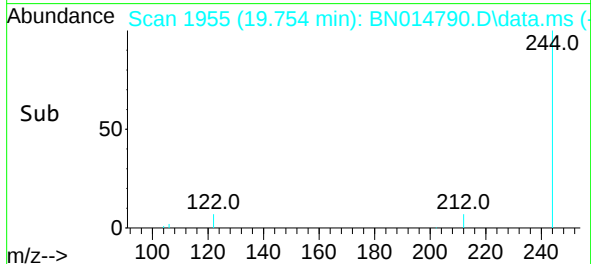
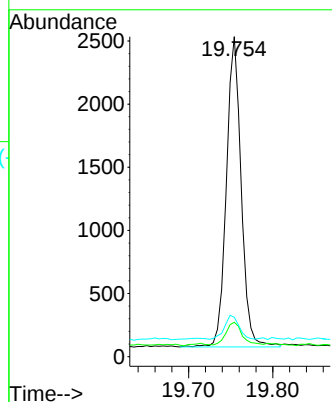


#31
Terphenyl-d14
Concen: 0.25 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

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

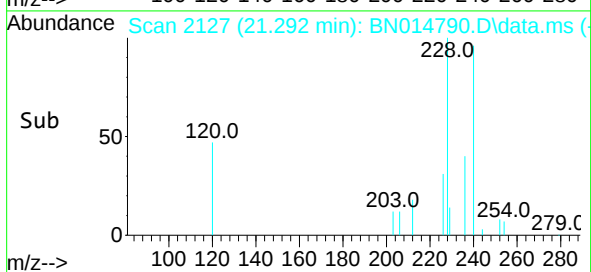
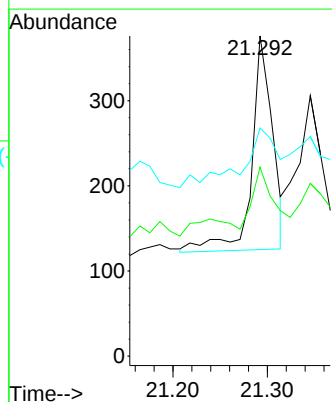
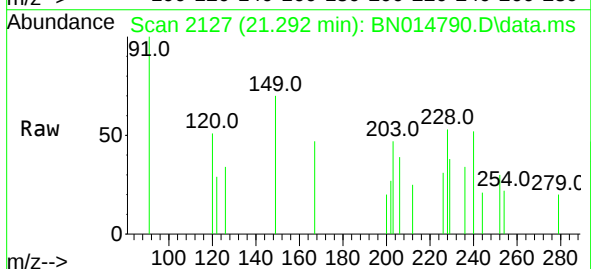


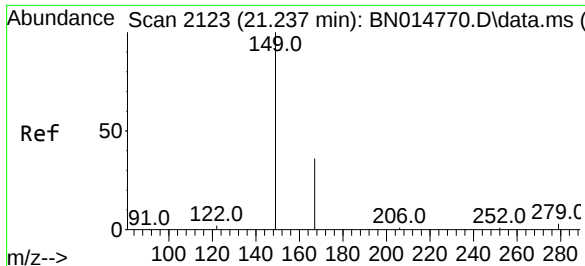
Tgt Ion:244 Resp: 2995
Ion Ratio Lower Upper
244 100
212 10.8 6.8 10.2#
122 12.3 6.6 9.8#



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:228 Resp: 387
Ion Ratio Lower Upper
228 100
226 59.0 22.9 34.3#
229 71.3 16.2 24.2#

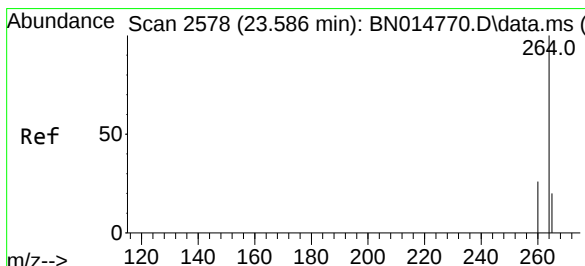
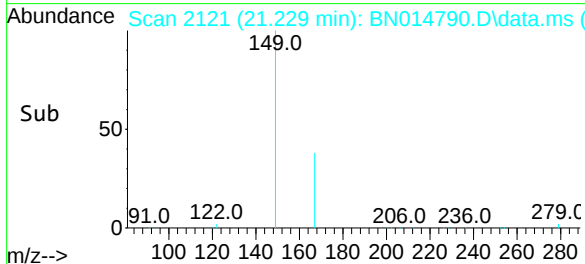
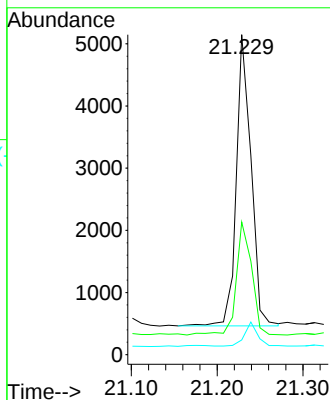
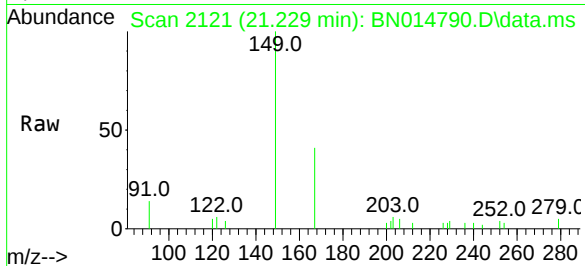




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.29 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.008 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

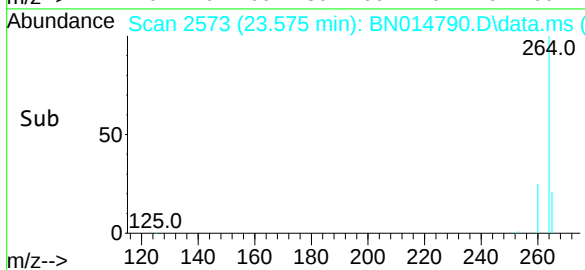
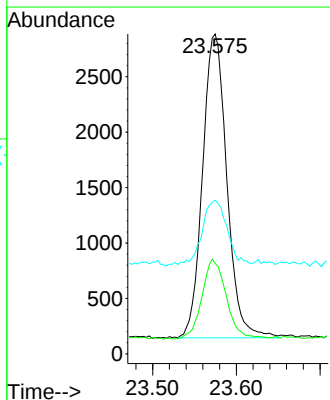
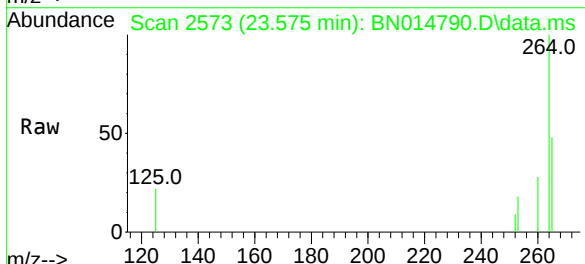
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

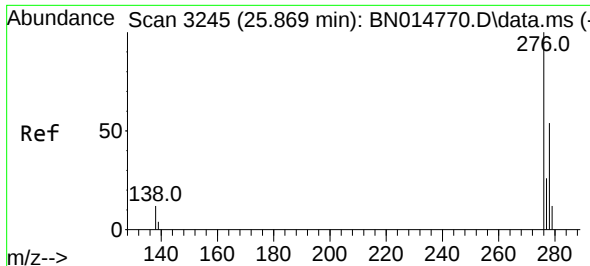
Tgt Ion:149 Resp: 5577
Ion Ratio Lower Upper
149 100
167 40.5 28.3 42.5
279 7.3 5.5 8.3



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.575 min Scan# 2573
Delta R.T. -0.011 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:264 Resp: 5517
Ion Ratio Lower Upper
264 100
260 28.3 21.4 32.2
265 48.0 40.9 61.3

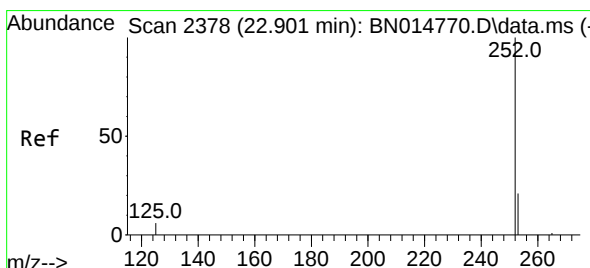
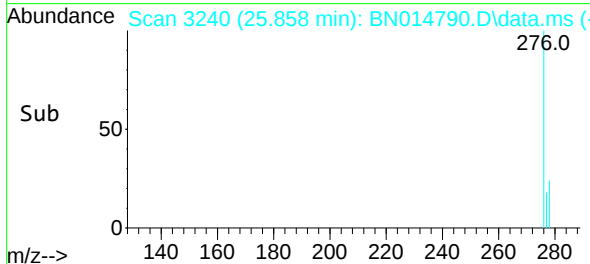
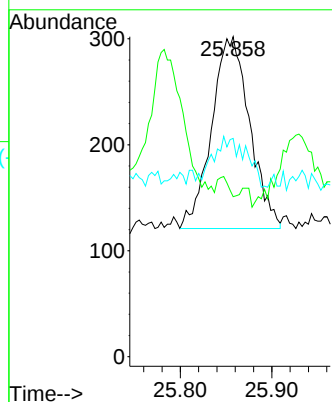
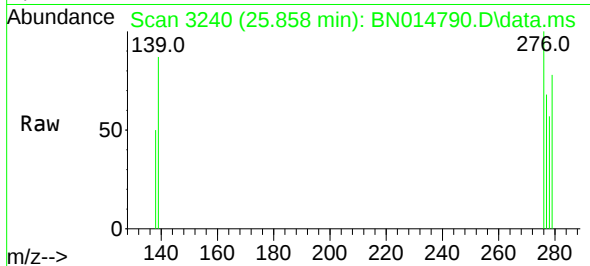




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.858 min Scan# 3240
Delta R.T. -0.011 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

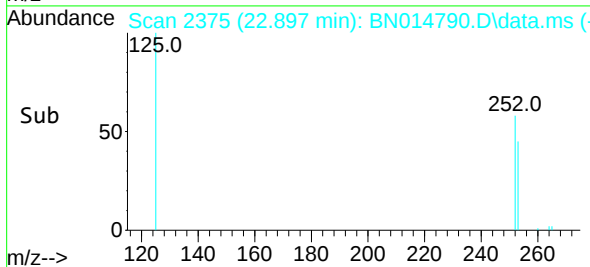
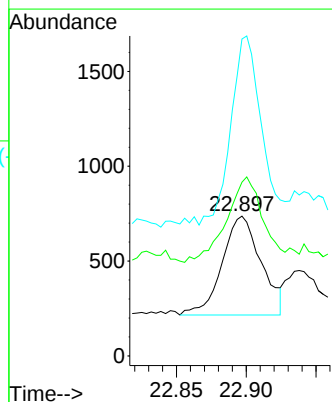
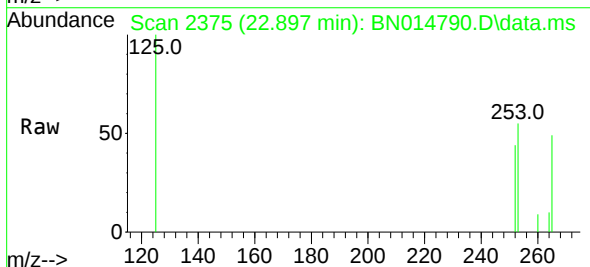
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-888-890

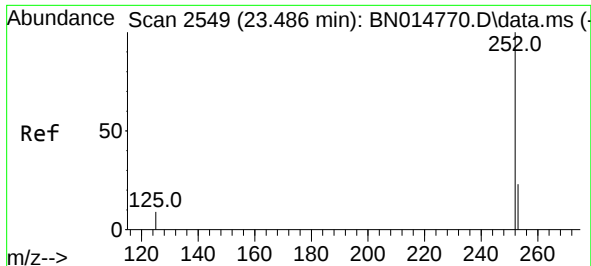
Tgt Ion:276 Resp: 523
Ion Ratio Lower Upper
276 100
138 2.9 10.2 15.4#
277 22.2 20.4 30.6



#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.897 min Scan# 2375
Delta R.T. -0.004 min
Lab File: BN014790.D
Acq: 27 May 2021 13:52

Tgt Ion:252 Resp: 1011
Ion Ratio Lower Upper
252 100
253 124.3 21.5 32.3#
125 226.7 6.6 10.0#





#39

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.472 min Scan# 2543

Delta R.T. -0.014 min

Lab File: BN014790.D

Acq: 27 May 2021 13:52

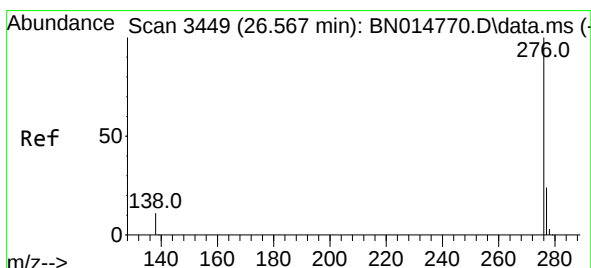
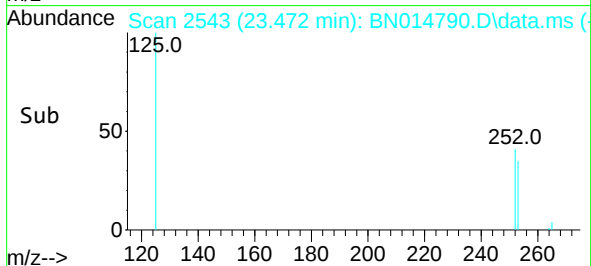
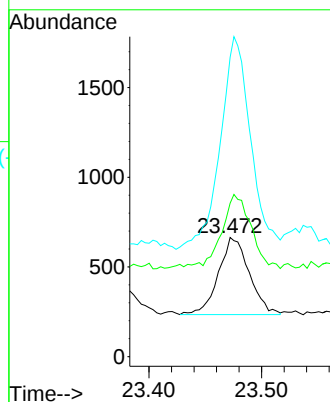
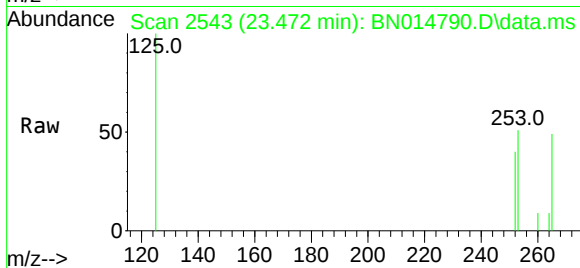
Tgt Ion:252 Resp: 820

Ion Ratio Lower Upper

252 100

253 128.8 25.1 37.7#

125 251.4 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: BN014790.D

Acq: 27 May 2021 13:52

Tgt Ion:276 Resp: 496

Ion Ratio Lower Upper

276 100

277 69.2 20.9 31.3#

138 57.4 10.3 15.5#

