

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
 Data File : BN024158.D
 Acq On : 08 Mar 2023 00:13
 Operator : CG/JU
 Sample : 01666-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-958-960

Quant Time: Mar 08 04:12:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 08 03:54:47 2023
 Response via : Initial Calibration

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

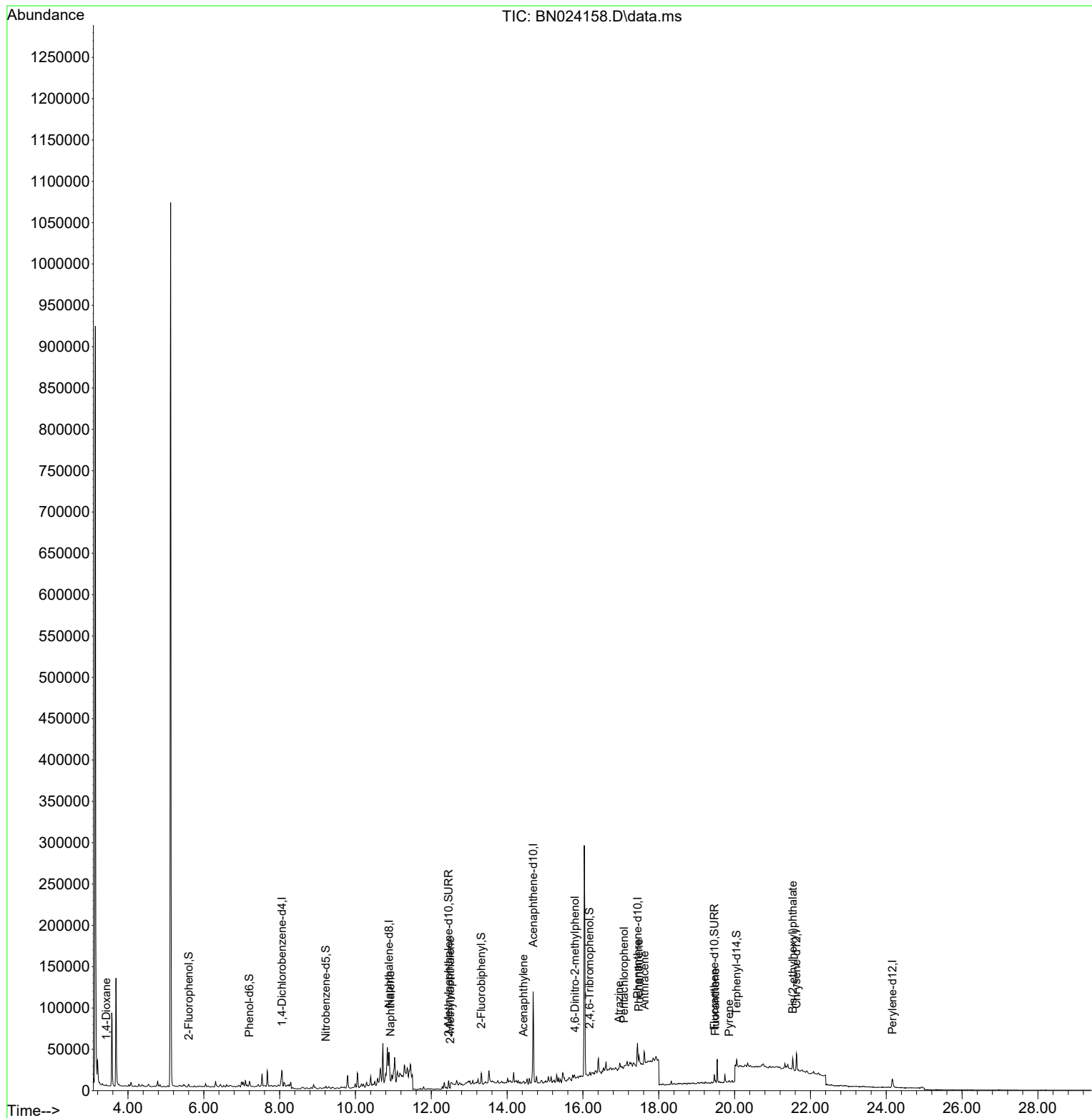
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	9094	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	27604	0.400	ng	# 0.00
13) Acenaphthene-d10	14.688	164	19370	0.400	ng	-0.01
19) Phenanthrene-d10	17.439	188	30467	0.400	ng	# 0.00
29) Chrysene-d12	21.629	240	22829	0.400	ng	# 0.00
35) Perylene-d12	24.163	264	19131	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	1800	0.095	ng	0.00
5) Phenol-d6	7.204	99	1947	0.079	ng	0.00
8) Nitrobenzene-d5	9.217	82	2352	0.186	ng	-0.01
11) 2-Methylnaphthalene-d10	12.457	152	7824	0.178	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	633	0.079	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	10355	0.135	ng	0.00
27) Fluoranthene-d10	19.464	212	10076	0.163	ng	0.00
31) Terphenyl-d14	20.053	244	5886	0.146	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.427	88	210	0.023	ng	# 1
9) Naphthalene	10.925	128	2312	0.033	ng	# 87
12) 2-Methylnaphthalene	12.503	142	181	0.536	ng	# 1
16) Acenaphthylene	14.431	152	1854	0.021	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.788	198	307	0.258	ng	# 1
23) Atrazine	16.955	200	113	0.107	ng	# 1
24) Pentachlorophenol	17.079	266	86	0.165	ng	# 79
25) Phenanthrene	17.476	178	11228	0.125	ng	# 83
26) Anthracene	17.625	178	4995	0.063	ng	# 1
28) Fluoranthene	19.494	202	2438	0.025	ng	# 72
30) Pyrene	19.856	202	2575	0.026	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.531	149	14174	0.506	ng	# 90

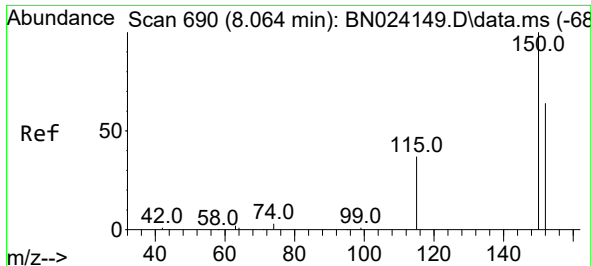
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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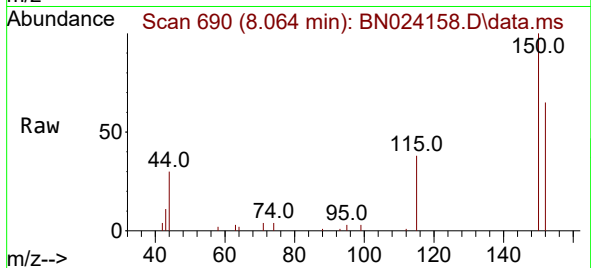
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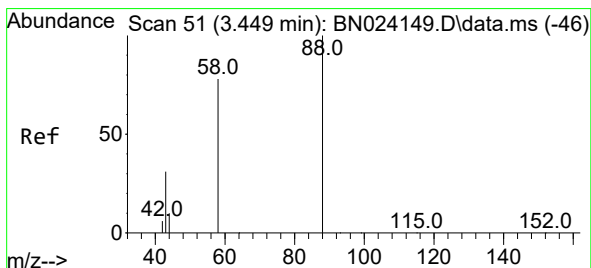
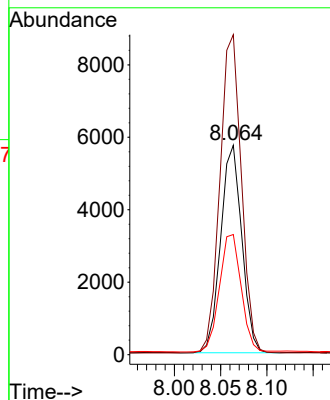
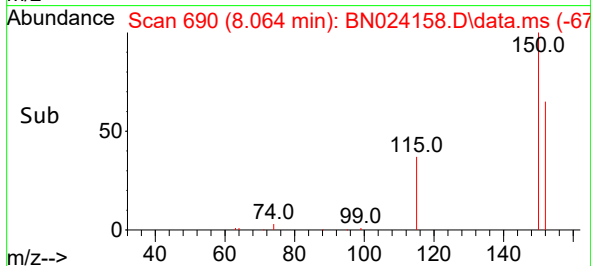


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: BN024158.D
 Acq: 08 Mar 2023 00:13

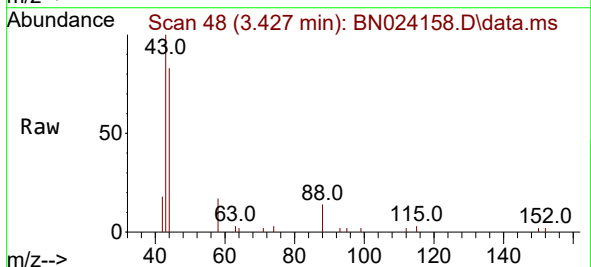
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-958-960



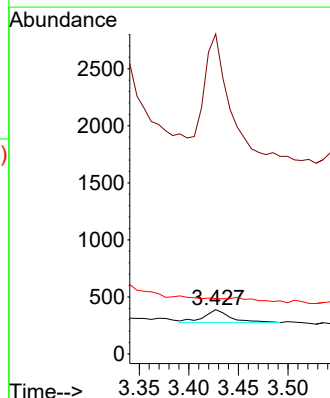
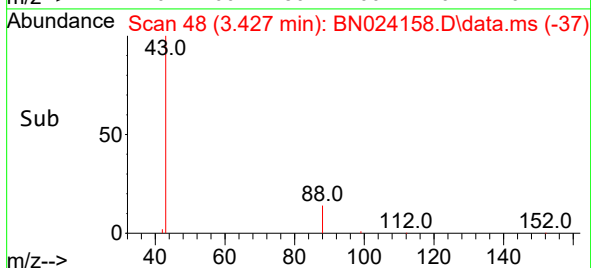
Tgt Ion:152 Resp: 9094
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.8 185.6
 115 57.4 46.4 69.6

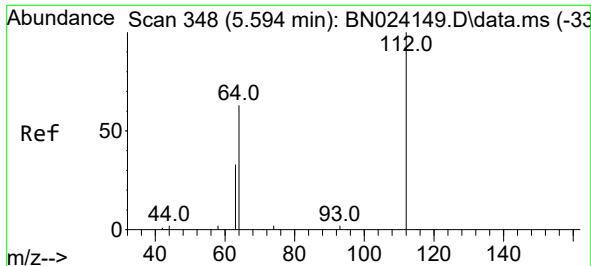


#2
 1,4-Dioxane
 Concen: 0.023 ng
 RT: 3.427 min Scan# 48
 Delta R.T. -0.022 min
 Lab File: BN024158.D
 Acq: 08 Mar 2023 00:13



Tgt Ion: 88 Resp: 210
 Ion Ratio Lower Upper
 88 100
 43 876.7 27.8 41.8#
 58 0.0 65.8 98.6#

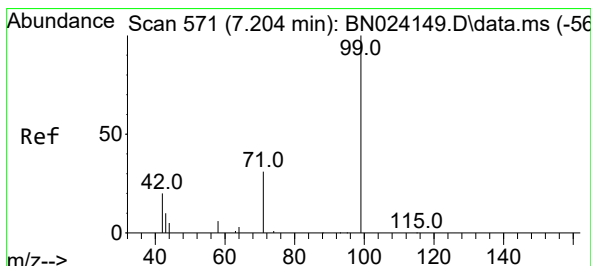
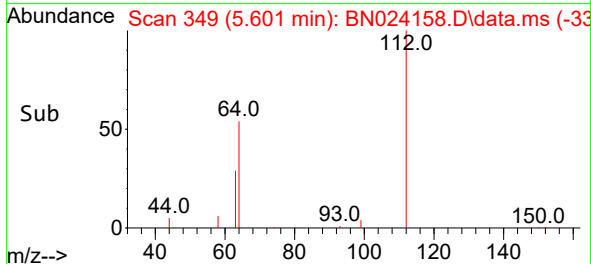
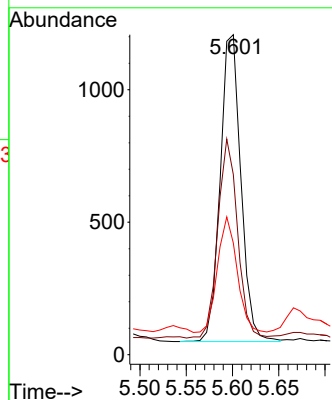
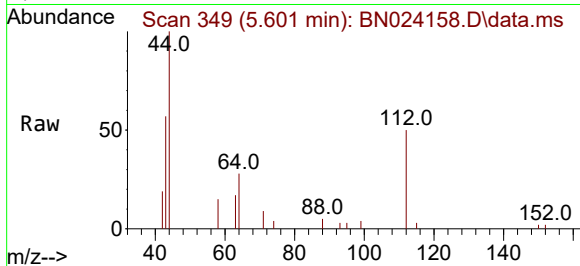




#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.601 min Scan# 348
Delta R.T. 0.007 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

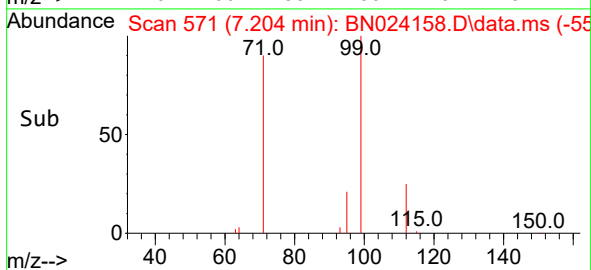
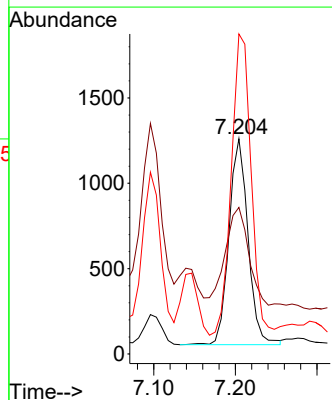
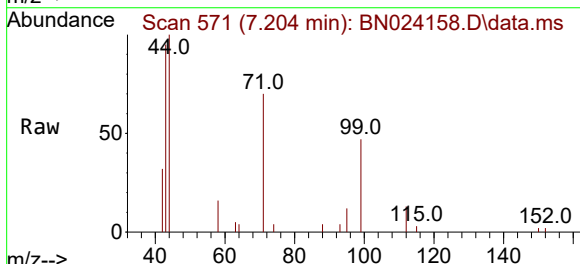
Instrument :
BNA_N
ClientSampleId :
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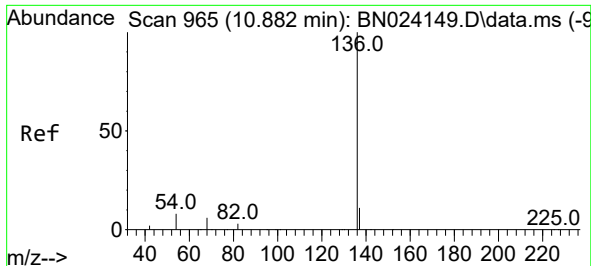
Tgt Ion:112 Resp: 1800
Ion Ratio Lower Upper
112 100
64 61.8 48.2 72.2
63 35.9 25.4 38.2



#5
Phenol-d6
Concen: 0.079 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion: 99 Resp: 1947
Ion Ratio Lower Upper
99 100
42 67.2 19.2 28.8#
71 153.4 25.8 38.6#

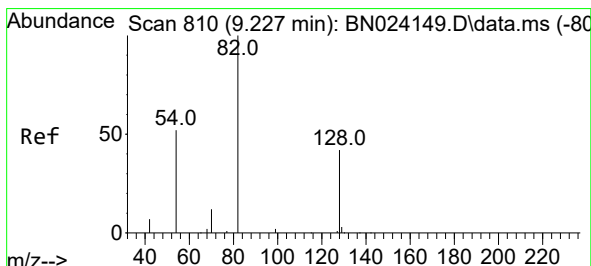
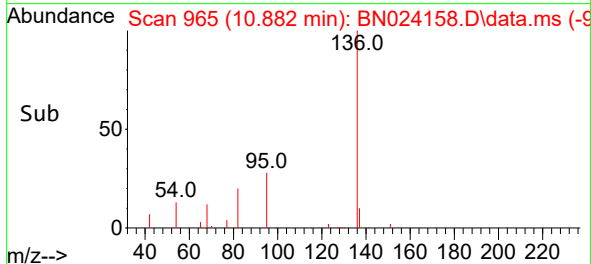
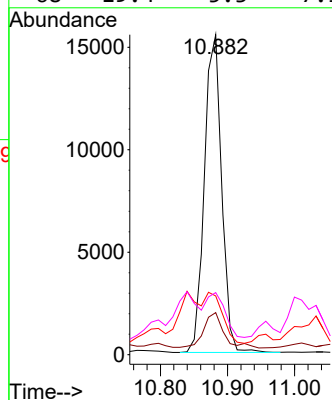
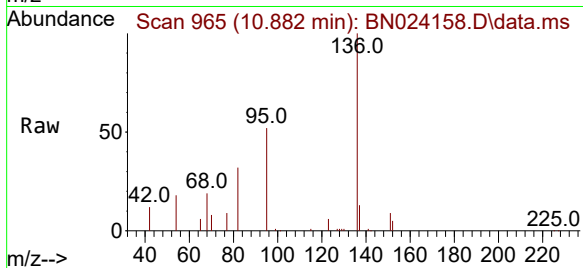




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

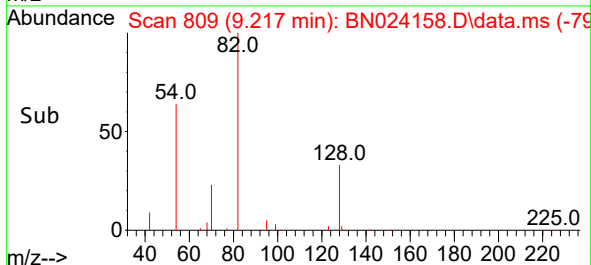
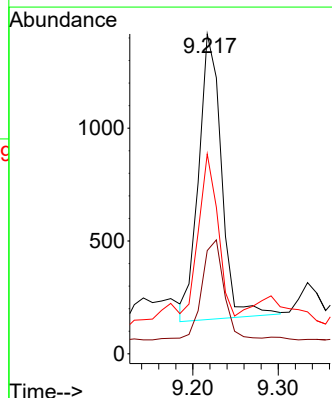
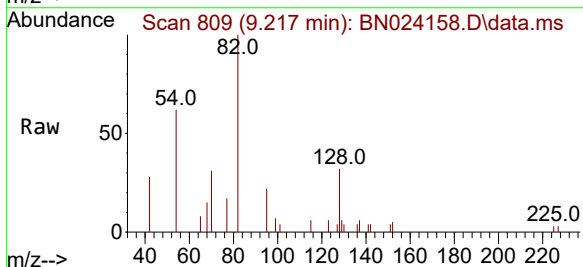
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-958-960

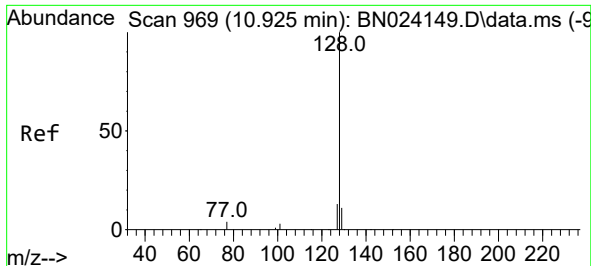
Tgt Ion:	136	Resp:	27604
Ion	Ratio	Lower	Upper
136	100		
137	13.2	8.8	13.2
54	18.4	6.8	10.2#
68	19.4	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.186 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion:	82	Resp:	2352
Ion	Ratio	Lower	Upper
82	100		
128	32.3	34.5	51.7#
54	62.5	42.8	64.2

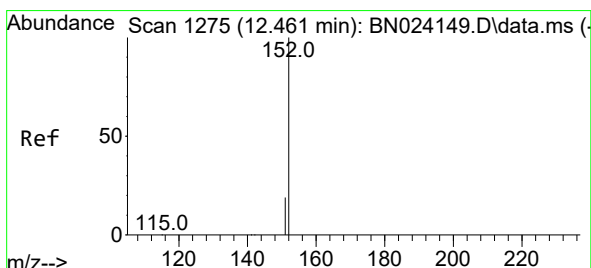
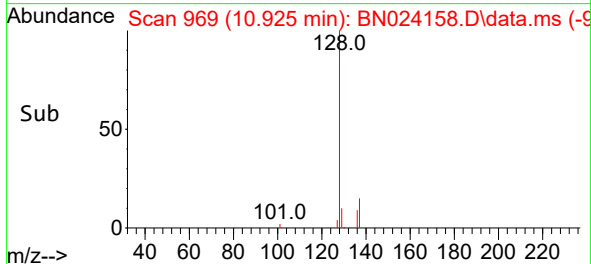
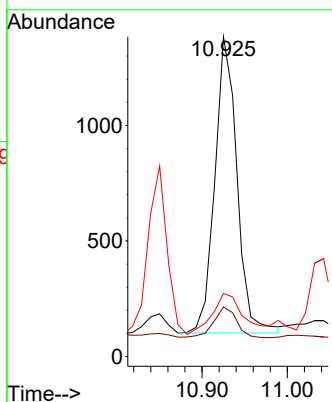
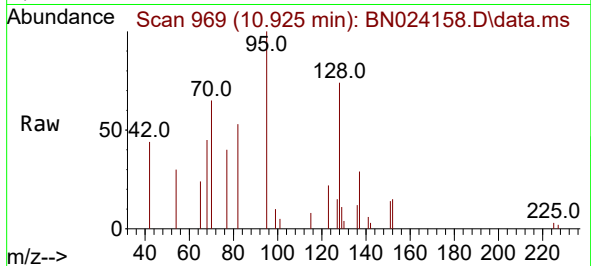




#9
Naphthalene
Concen: 0.033 ng
RT: 10.925 min Scan# 90
Delta R.T. 0.000 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

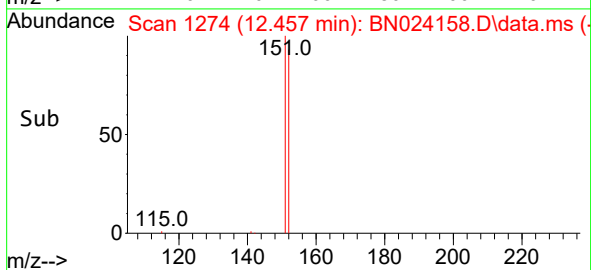
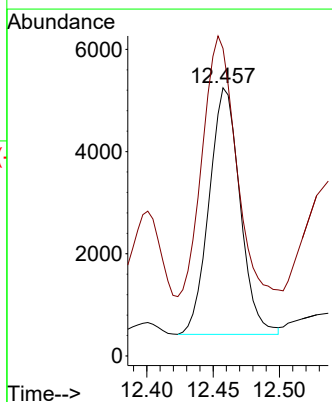
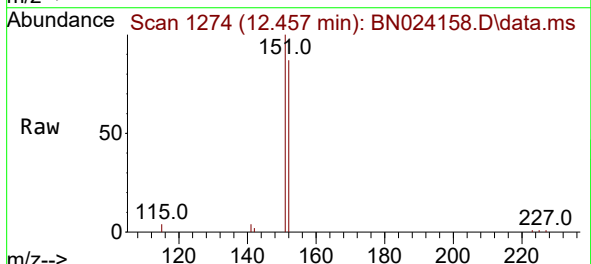
Instrument :
BNA_N
ClientSampleId :
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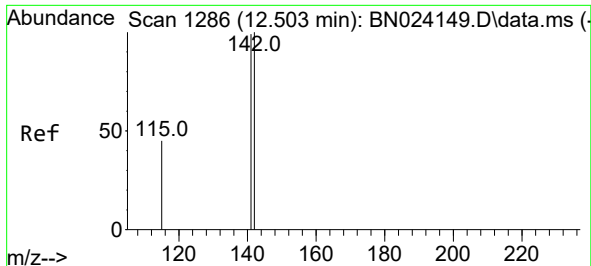
Tgt Ion:128 Resp: 2312
Ion Ratio Lower Upper
128 100
129 15.5 9.0 13.6#
127 19.7 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 12.457 min Scan# 1274
Delta R.T. -0.004 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion:152 Resp: 7824
Ion Ratio Lower Upper
152 100
151 115.8 17.8 26.6#

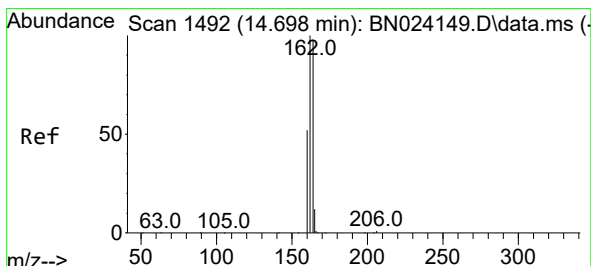
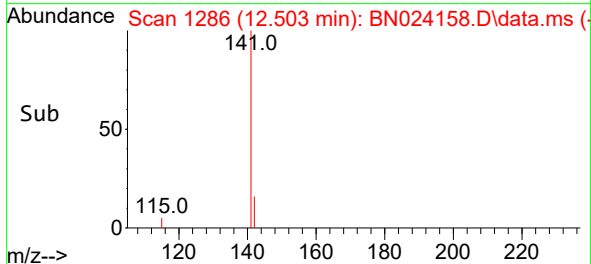
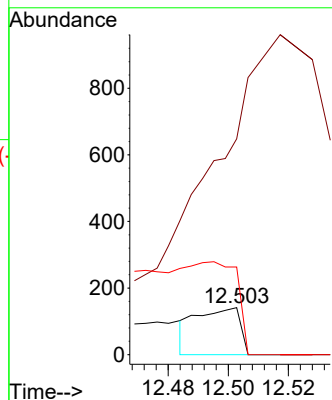
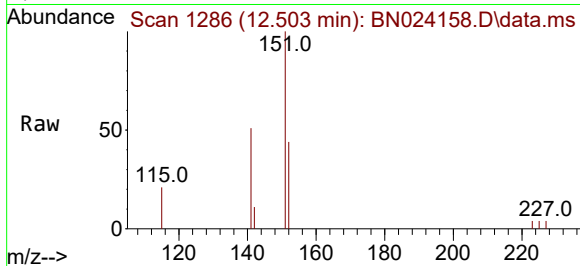




#12
2-Methylnaphthalene
Concen: 0.536 ng
RT: 12.503 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

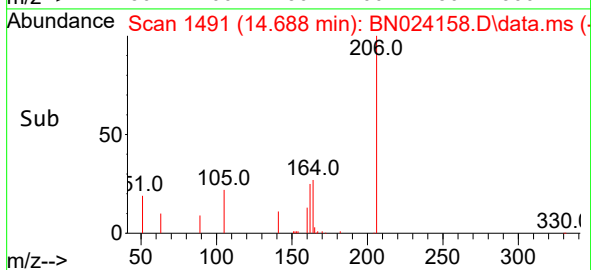
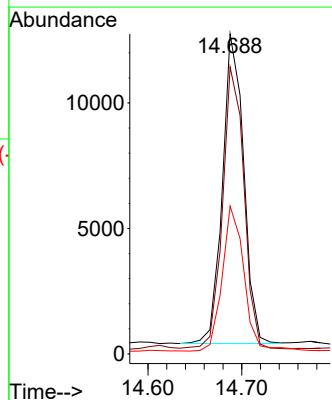
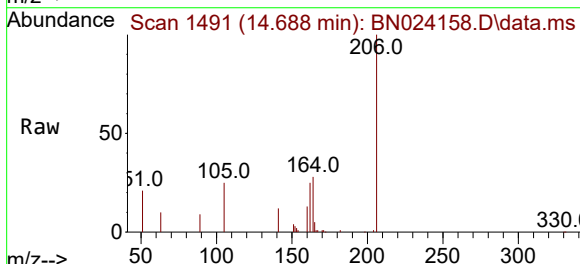
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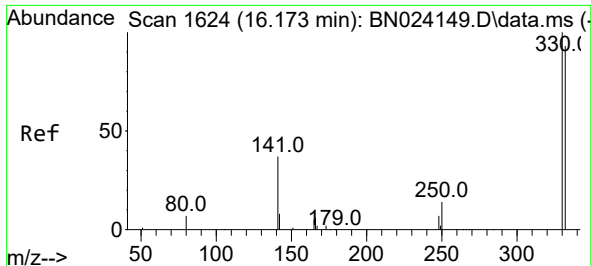
Tgt Ion:142 Resp: 181
Ion Ratio Lower Upper
142 100
141 459.6 76.9 115.3#
115 186.5 57.8 86.8#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.011 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion:164 Resp: 19370
Ion Ratio Lower Upper
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162 89.7 81.6 122.4
160 46.2 43.0 64.6

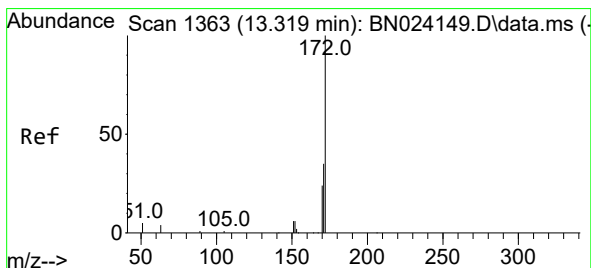
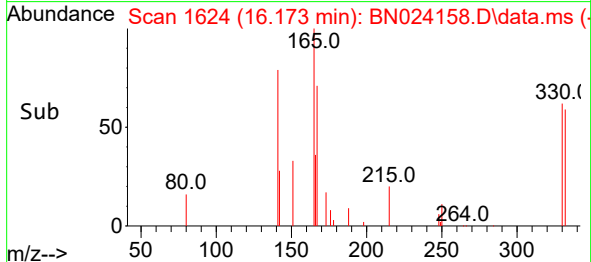
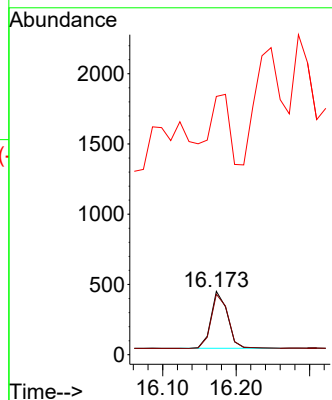
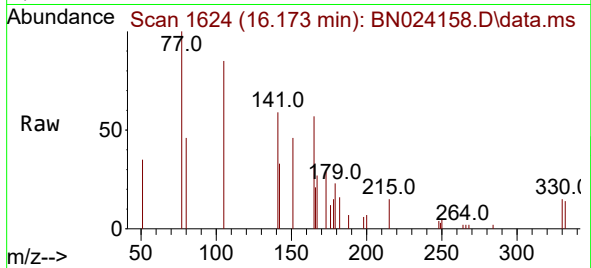




#14
2,4,6-Tribromophenol
Concen: 0.079 ng
RT: 16.173 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

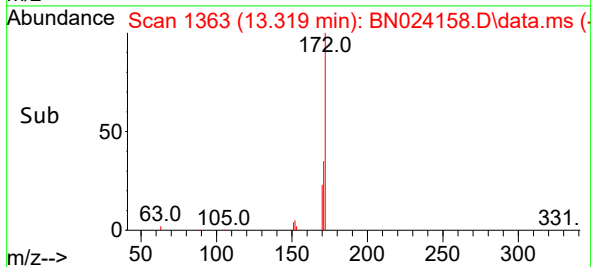
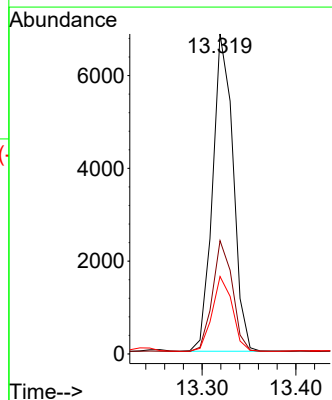
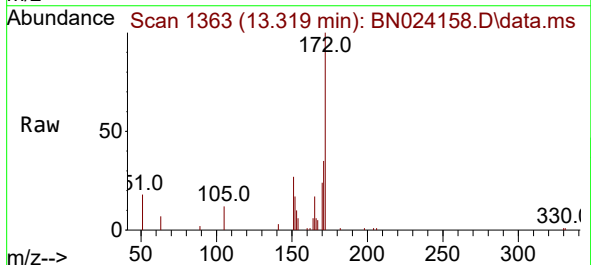
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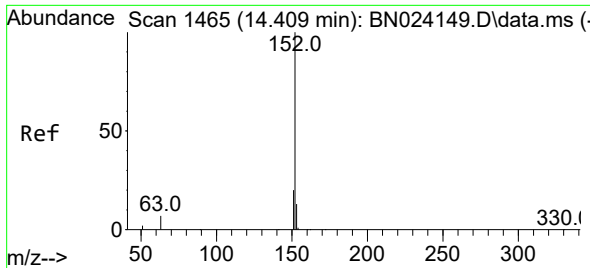
Tgt Ion:330 Resp: 633
Ion Ratio Lower Upper
330 100
332 98.4 76.2 114.2
141 137.6 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.135 ng
RT: 13.319 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion:172 Resp: 10355
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.2 19.7 29.5

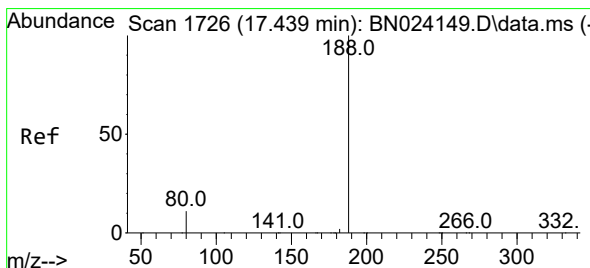
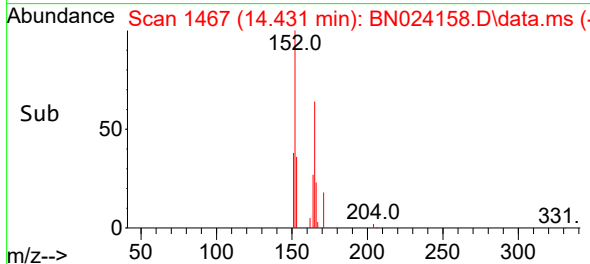
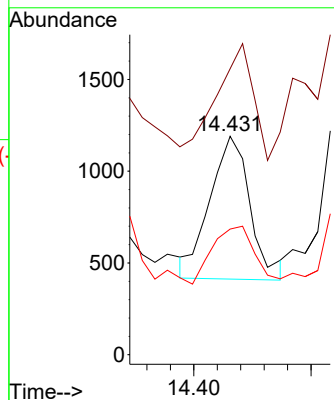
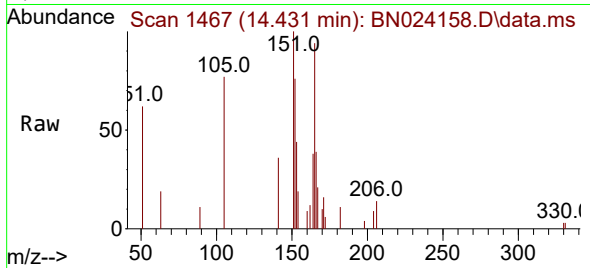




#16
Acenaphthylene
Concen: 0.021 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.021 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

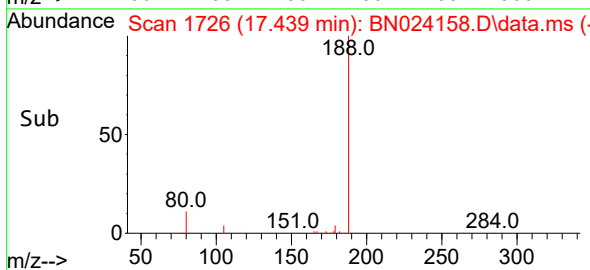
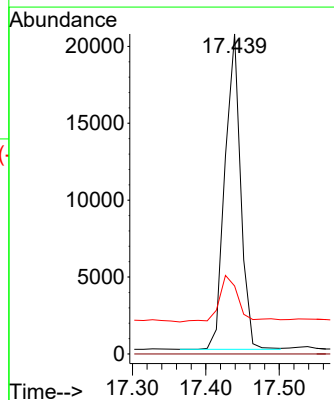
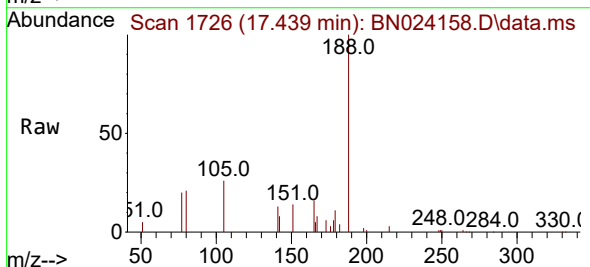
Instrument :
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BP-VPB-RW10-GW-958-960

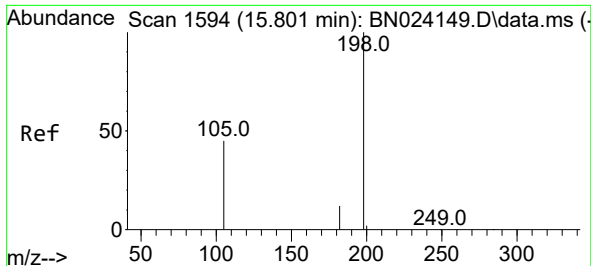
Tgt Ion:152 Resp: 1854
Ion Ratio Lower Upper
152 100
151 106.1 15.2 22.8#
153 55.4 10.4 15.6#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion:188 Resp: 30467
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 21.2 9.4 14.0#

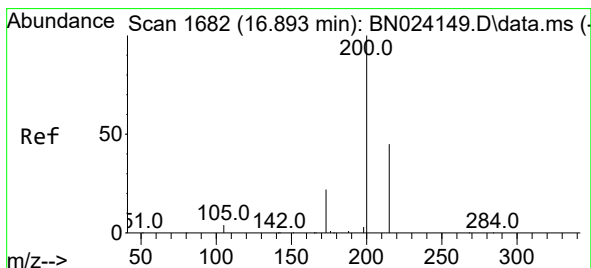
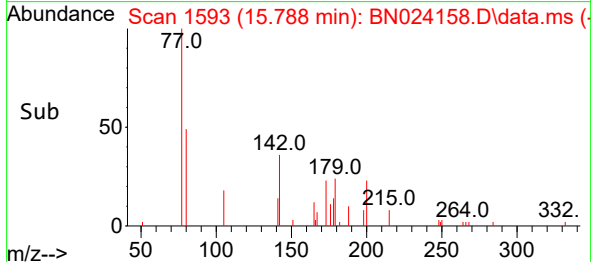
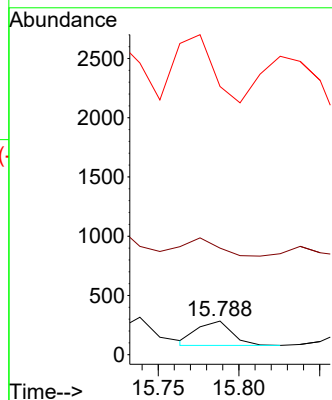
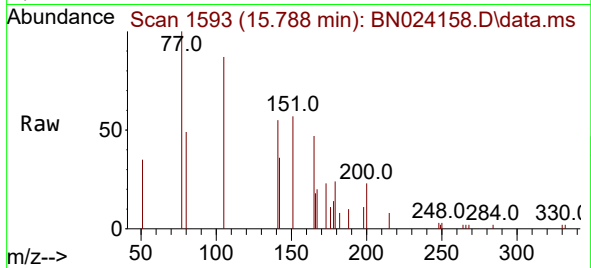




#20
4,6-Dinitro-2-methylphenol
Concen: 0.258 ng
RT: 15.788 min Scan# 1593
Delta R.T. -0.013 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

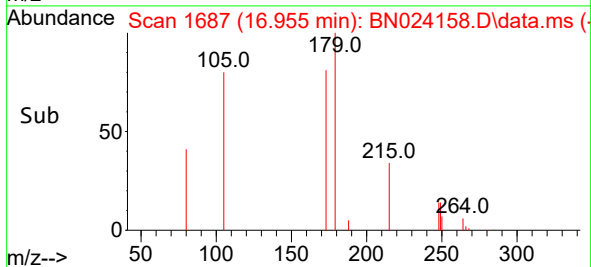
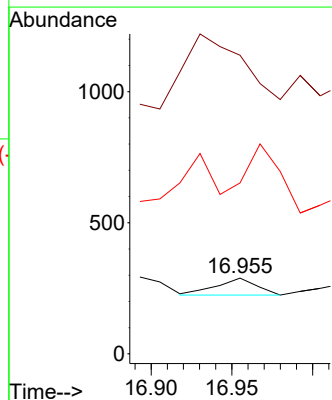
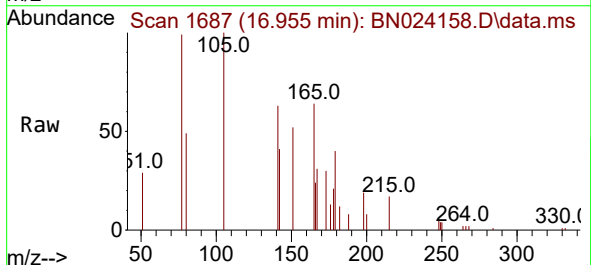
Instrument : BNA_N
ClientSampleId : BP-VPB-RW10-GW-958-960

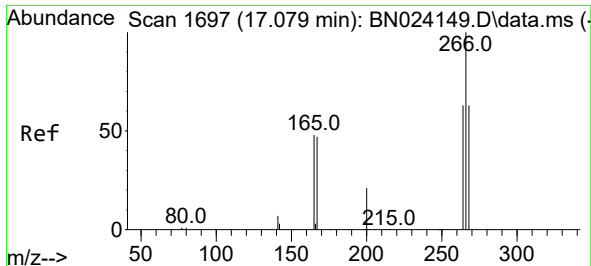
Tgt Ion:198 Resp: 307
Ion Ratio Lower Upper
198 100
51 317.7 79.8 119.8#
105 799.6 48.8 73.2#



#23
Atrazine
Concen: 0.107 ng
RT: 16.955 min Scan# 1687
Delta R.T. 0.062 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion:200 Resp: 113
Ion Ratio Lower Upper
200 100
173 394.1 19.8 29.6#
215 225.6 37.7 56.5#

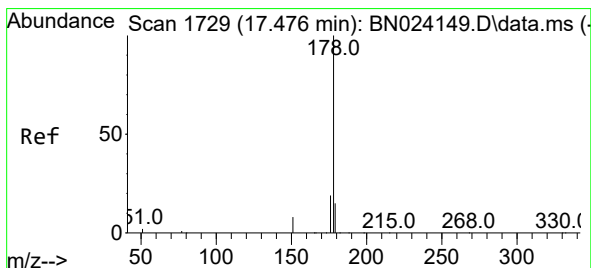
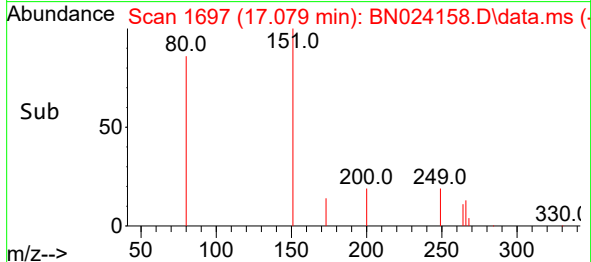
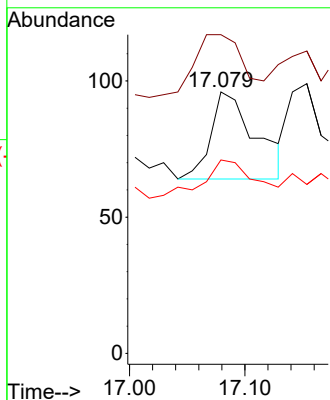
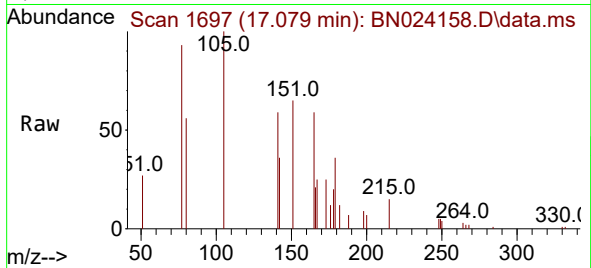




#24
 Pentachlorophenol
 Concen: 0.165 ng
 RT: 17.079 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN024158.D
 Acq: 08 Mar 2023 00:13

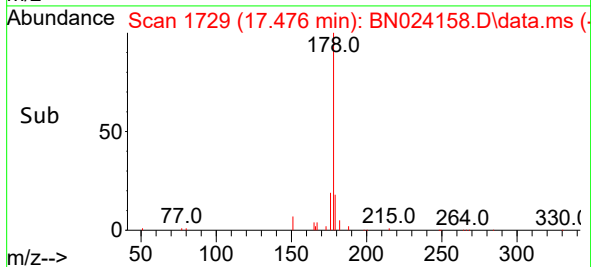
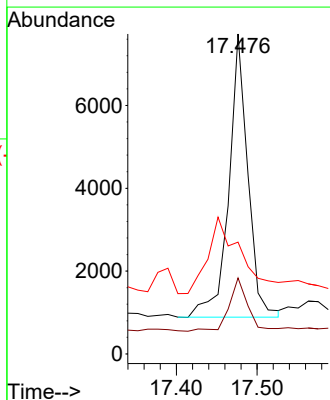
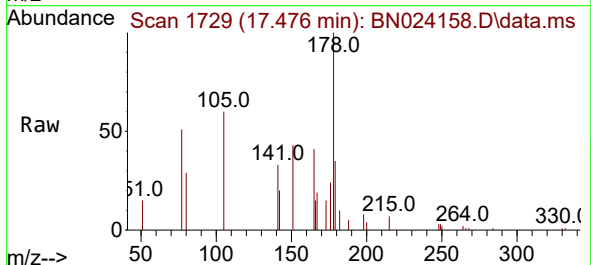
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-958-960

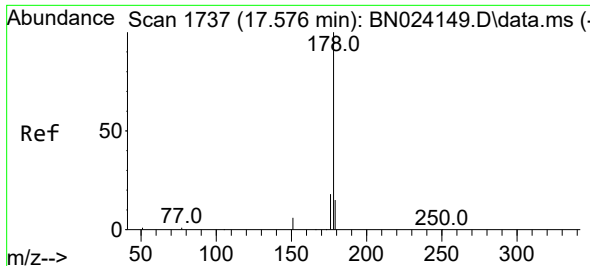
Tgt Ion:266 Resp: 86
 Ion Ratio Lower Upper
 266 100
 264 80.2 49.4 74.0#
 268 50.0 51.4 77.0#



#25
 Phenanthrene
 Concen: 0.125 ng
 RT: 17.476 min Scan# 1729
 Delta R.T. 0.000 min
 Lab File: BN024158.D
 Acq: 08 Mar 2023 00:13

Tgt Ion:178 Resp: 11228
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 0.0 12.2 18.2#

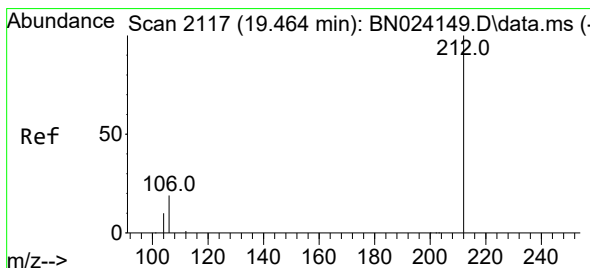
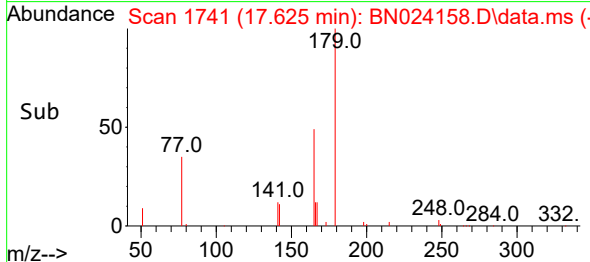
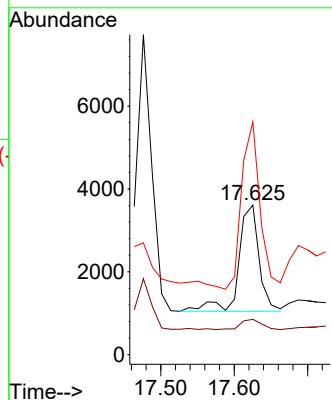
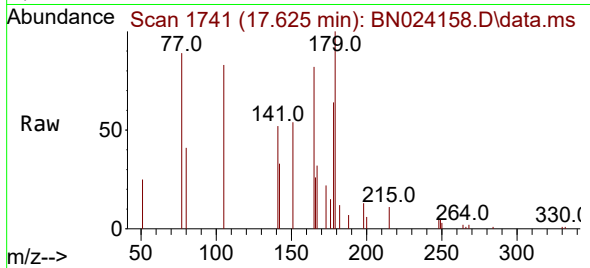




#26
 Anthracene
 Concen: 0.063 ng
 RT: 17.625 min Scan# 11
 Delta R.T. 0.050 min
 Lab File: BN024158.D
 Acq: 08 Mar 2023 00:13

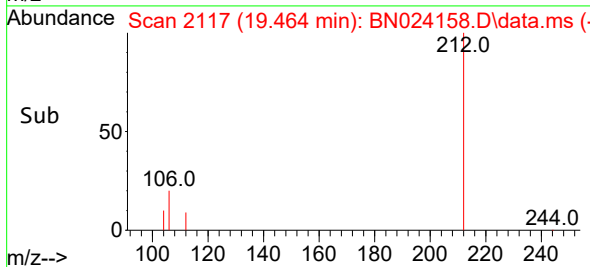
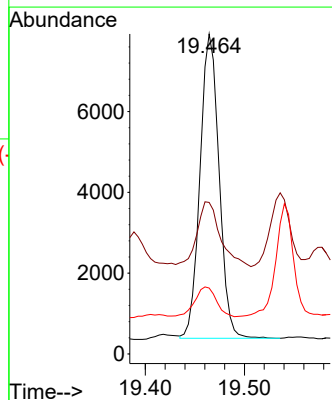
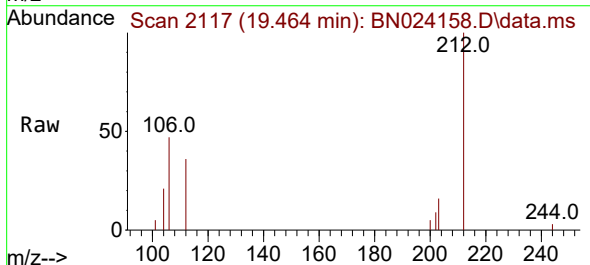
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-958-960

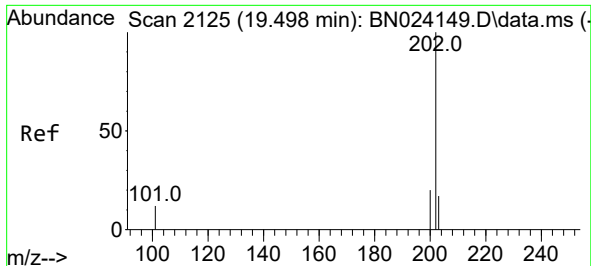
Tgt Ion:178 Resp: 4995
 Ion Ratio Lower Upper
 178 100
 176 9.6 15.1 22.7#
 179 139.8 12.1 18.1#



#27
 Fluoranthene-d10
 Concen: 0.163 ng
 RT: 19.464 min Scan# 2117
 Delta R.T. 0.000 min
 Lab File: BN024158.D
 Acq: 08 Mar 2023 00:13

Tgt Ion:212 Resp: 10076
 Ion Ratio Lower Upper
 212 100
 106 26.0 14.9 22.3#
 104 11.0 8.4 12.6

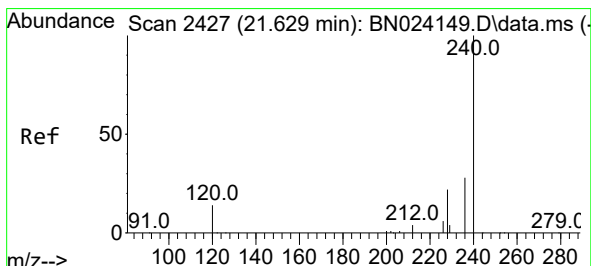
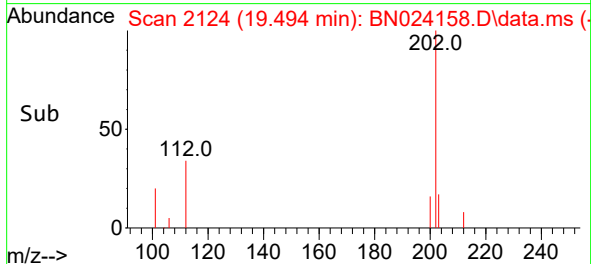
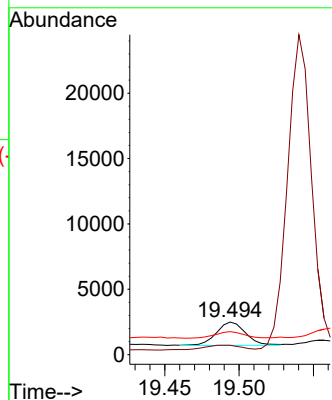
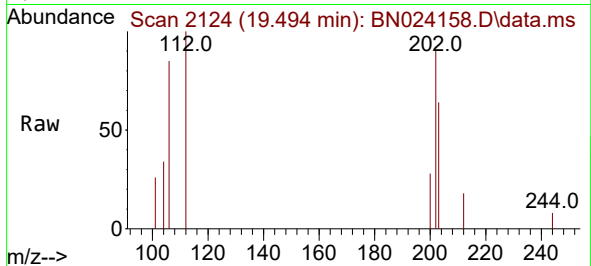




#28
Fluoranthene
Concen: 0.025 ng
RT: 19.494 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

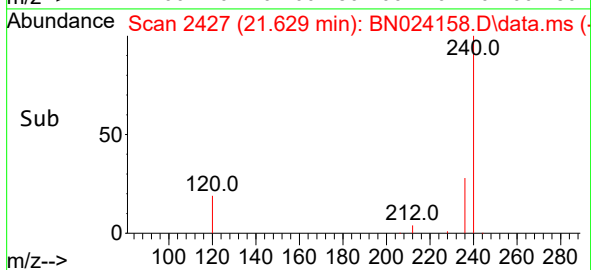
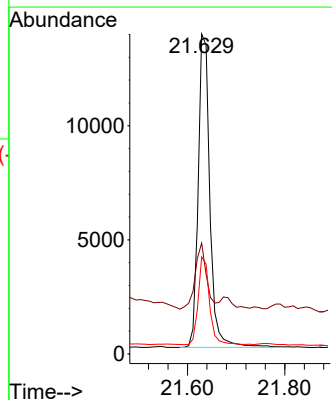
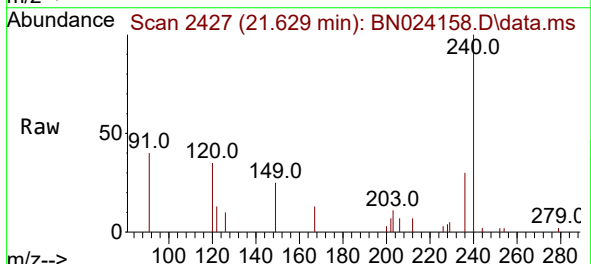
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-958-960

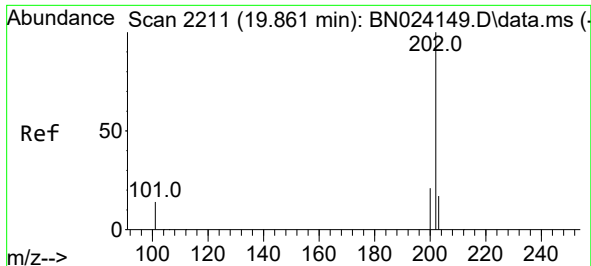
Tgt Ion:202 Resp: 2438
Ion Ratio Lower Upper
202 100
101 0.0 10.7 16.1#
203 27.3 13.6 20.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion:240 Resp: 22829
Ion Ratio Lower Upper
240 100
120 34.6 12.2 18.2#
236 30.3 22.6 34.0

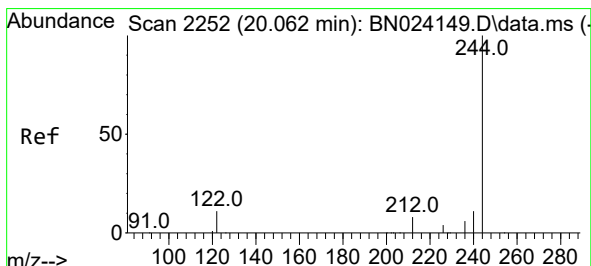
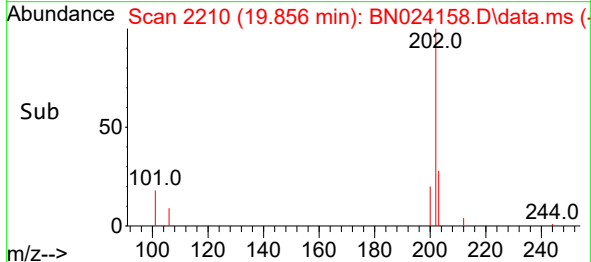
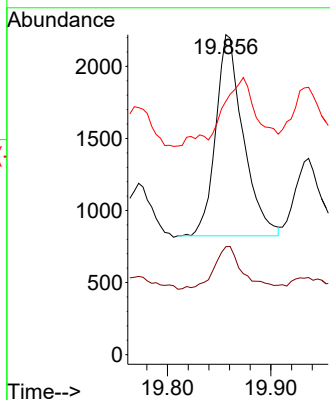
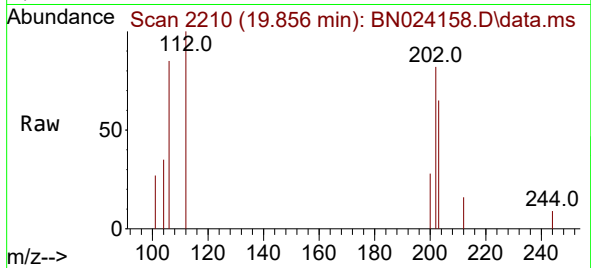




#30
Pyrene
Concen: 0.026 ng
RT: 19.856 min Scan# 211
Delta R.T. -0.004 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

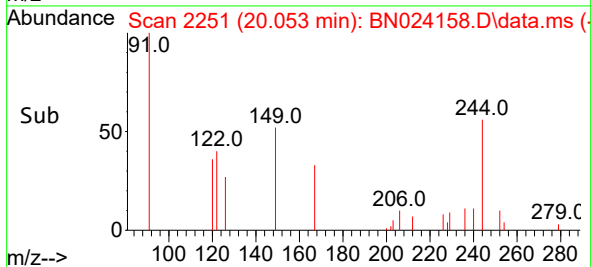
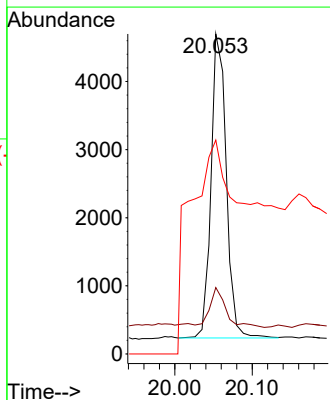
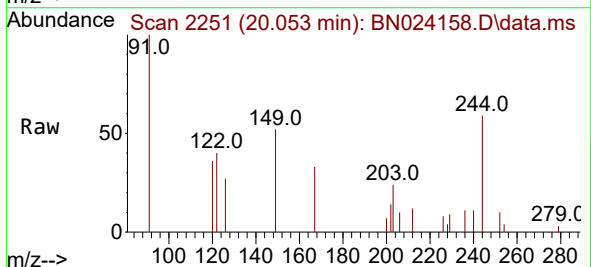
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW10-GW-958-960

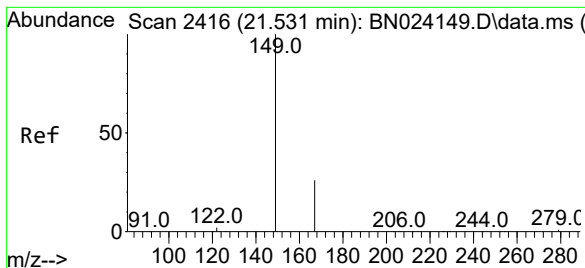
Tgt Ion:202 Resp: 2575
Ion Ratio Lower Upper
202 100
200 21.3 16.1 24.1
203 32.5 13.7 20.5#



#31
Terphenyl-d14
Concen: 0.146 ng
RT: 20.053 min Scan# 2251
Delta R.T. -0.009 min
Lab File: BN024158.D
Acq: 08 Mar 2023 00:13

Tgt Ion:244 Resp: 5886
Ion Ratio Lower Upper
244 100
212 20.8 6.7 10.1#
122 66.8 9.7 14.5#

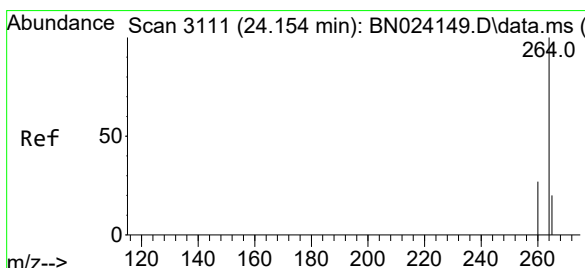
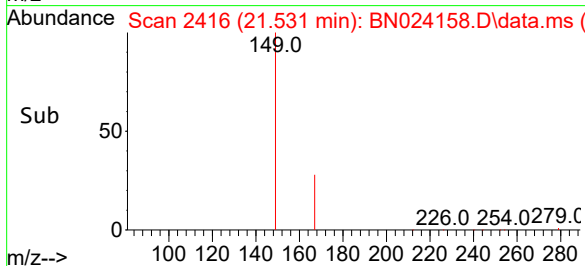
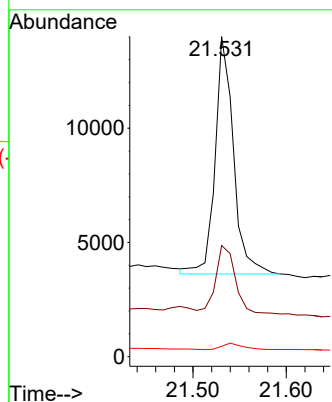
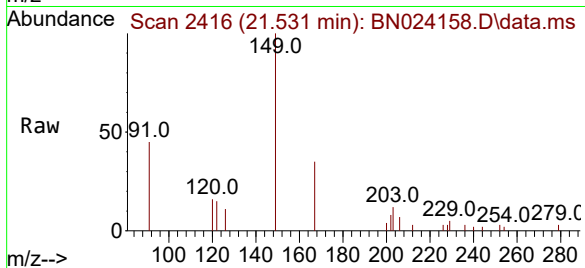




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.506 ng
 RT: 21.531 min Scan# 2416
 Delta R.T. 0.000 min
 Lab File: BN024158.D
 Acq: 08 Mar 2023 00:13

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW10-GW-958-960

Tgt Ion:149 Resp: 14174
 Ion Ratio Lower Upper
 149 100
 167 30.9 20.5 30.7#
 279 3.1 2.0 3.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.163 min Scan# 3114
 Delta R.T. 0.009 min
 Lab File: BN024158.D
 Acq: 08 Mar 2023 00:13

Tgt Ion:264 Resp: 19131
 Ion Ratio Lower Upper
 264 100
 260 27.1 22.1 33.1
 265 38.4 35.4 53.0

